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BIBLIOGRAPHY.---

X-X-X-X-X-X

- ABH.BER.--Abhandlungen der Königlich Preussischen Akademie der Wissenschaften zu Berlin.-G.C.Ehrenberg, 1810-1892.
- ABH.SCHL.--Abhandlungen der Schlesischen Gesellschaft für vaterl.-Cultur. Breslau;
- ABH.S.M.--Abh. der Naturh. in Frankfurt. Gesellschaft. Frankfurt, 1853-92.
- ADAN, 1872.--Le Microscop; Corp d'outil mis en sur le monde invisible. Bruxelles;
- AG.CONS.--Conspectus Criticus Diatomacearum.-C.A.Agarth, Leipzig;
- AG.ICH.--Icones Algae Europaeae. Representatio Algae Europaeae, servata adhibere. C.A.Agarth, Leipzig, 1892.
- AG.ICH.IND.--Icones Algae Europaeae. C.A.A., Leipzig, 1892.
- AG.S.M.--Algae Scandinaviae. C.A.A., Leipzig, 1897.
- AG.SYS.--Systema Algae. C.A.A., Leipzig, 1897.
- A.J.M.--American Journal of Microscop. Popular Science. New York, 1876-81.
- A.J.S.--Amer.Jour. of Science and Arts. New Haven, Conn., 1834-44.
- AMAZON.--List of Diatoms from: vide "Dickie."-
- AMER.--G.C.Ehrenberg; Verbreitung und einfluss der Nord- and Sud-Amerikas. Berlin, 1843. = *Abh. Ber. 1843*.
- A.M.M.J.--Amer.Monthly Micr.Journal. Washington, 1830-92.
- AM.NAT.--The American Naturalist. New York, 1853-90.
- A.M.N.H.--Annals and Magazine of Natural History. London, 1827-44.
- ANN.BOT.BUIT.--Annales du Jardin Botanique du Buitenzorg. Diatomées de la Malaisie, par L.-Fortmolel. 1892.
- ANN.S.N.--Annales des Sciences Naturelles. Paris, 1824-92.
- A.Q.J.M.--Amer.Quarterly Journal of Nat.History. New York, 1873-79.
- ARCH.MIC.ANAT.--Archiv für mikroskopische Anatomie, herausgegeben von Max Schultze. Bonn, 1855-92.
- ARCH.PHYS.--Archiv für Physiologie, Anatomie und wissenschaftliche Medicin. O.F.Müller, Berlin, 1834-92.
- ARENIG BACH.--List of Diatoms in; vide J.R.M.S., 1830.
- ARNOTT, W.A.--Walker Arnott; Notes on Cocconeis, Nitzschia and some of the allied species of Diatomaceae. Transactions of Natural History Society of Glasgow, 1833.
- A.S.M.--Transac. of the Amer.Society of Microscopists.
- ATLANTIC CITY.--List of Diatoms at; Bill.Tor.Bot.Club, 1890.
- ATLAS.--Atlas der Diatomaceen-Rinde: *Pls. 1-212*. Adolf Schmitt, Aschersleben, 1874-1899.
- BAIL.COLL.--The Bailey Collection of Diatoms in the Museum of the U.S. Nat. History. -H.L. Smith, Lond., Vol. I, p. 228.
- BAIL.M.O.--Microscopical Observations made in South Carolina, Georgia, and Florida. By J.W.Bailey; Smithsonian Contributions to Knowledge. Washington, D.C., 1850.

Brugger, Ch. Is. - Bündner alpen. - Chur, 1863. -

1863. 1. 4.

BIBLIOGRAPHY.-

- BAILL. & H.--U.S. Exploring Ex. edition in 1833-42, under
Lieut. C.H. Wilkes, U.S.N.; Vol. 17: 1833-42. Philadelphia,
W.H. Harvey, 1832. 2nd Edition, 1874.
- BERK. GL.--Gleanings of British Algae.-M.J. Berkeley, London, 1832.
- BERK. INT.--Introduction to the study of Cryptogamic
Botany. Diatomaceae pp. 113, 123: London, 1837.
- BELLOC, LUCHON.--Emile Belloc; Les Diatomées du Lichen et des Plantes
Centrales; Revue des Comminges, St. Gaudens, 1837.
- BER. DEUT.--Berichte der Deutschen Botanischen
Gesellschaften. Berlin, 1833-92.
- B. J. N. A.--Boston Journal of Natural History.
- BLEISCH, 1833.--Ueber einige in den Jahren 1833-32 in der
strehlen gefundene Diat.--Abh. Schloss. 1833.
- BORS. COW.--E. L. Borscow, Die Süßwasser Diatoméen (Bacillarien),
des Südwestlichen Russlands, insbesondere der Gouvernements
Kiew, Cernigow & Poltawa. Kiew, 1833.
- BORY, DICT.--Dictionnaire classique d'histoire Naturelle.
Par Bory St. Vincent, Paris, 1822.
- BORY, ENC.--Encyclopédie méthodique, Paris, 1824.--Idem.
- BOT. CENT.--Botanisches Centralblatt. Cassel, 1831-91.
- BOT. ZEIT.--Botan. Zeitung, Leipzig, 1843-92.
- BRAEMAR.--List of Diatoms at; Vide A. H. N. A., 1833.
- BRAUN, A.--The Phenomenon of the Rejuvenescence of Nature, especially
in the Life & Development of Plants. Ray Soc., London, 1833.
- BREB. ALG. FAL.--Algues des environs de Falaise.-Breb. & Godey, 1837.
- BREB. CONS.--Considerations sur les Diats.-Breb. & Godey, 1837.
- BREB. GU.--Notes sur quelques nouvelles Diatomées trouvées
le Guano de Perou, formant le "Stat. Guano",
Bull. Soc. Linnéenne Normandie, 1837.
- BREB. D. C.--Notes sur quelques nouvelles Diatomées marines
peu connues du littoral du Cherbourg. 1871.--2nd Edition, Paris, 1871.
- BREB. V. H.--Extrait d'un mémoire sur les Verrucosité
nouveau genre appartenant au littoral de la Normandie.
Annales Soc. Phytom. et 1871, 1872.
- BREB. V. H.--Diats. renfermés dans le Guano de Perou
sous le nom de Mousse du Guano. Bull. Soc. Sci., Paris, 1871.
- BREBISOMIA.--Recueil de Botan. 1871, 1872, 1873-31.
- BRIGHT. INT.--Sketch of a Fauna of the British Islands.
Norwich, 1843.-T. Brightwell.
- BR. FL.--British Cryptogamic Flora.--By William & J. E. Smith.
London, 1833. Diatoms by Gréville.
- BRUGUIERE.--Tableau Encyclopédique et Méthodique des
êtres de la Nature. M. Bruguière, Paris, 1791.
- BRUN ALP.--Diatomées des Alpes et du Jura et de la
Suisse et Française des environs de Genève.-1830.
- BRUN & T.--J. Brun & J. Tempère; Diatomées fossiles du Japon:
esp. marines & nouvelles des calcaires argileux de Senri. 1830.-1831.

ca. 1887 - Challenger Diatoms, -

> Cl. Kanon. - P.T. Cleve; Kanonbaaden Haugs
Tochter. - Stockholm, 1885; 56 pp. -

> Cl. 1894: - P.T. Cleve; Planktonundersökningar alie-
flagellate och Diatomaceer. - Stockholm, 2 Pl. 8^{vo}.

✓ > A.C. 1895: - A. Cleve. - on recent Freshwater Diatoms from
Lule Lappmark in Sweden - Stockholm 5^{vo} 1895.

✓ > Cl. Nov. - P.T. Cleve on The *Striatella* Diatoms. -
Sv. Svensk Ac, Stockholm, 1895. pp. 187 - 5 pls. 4^{to}
Part 2. 1895. pp. 195; 4 pls. 4^{to}.

> Cl. 1895 - on the Diatoms in the Phytoplankton of the Atlantic &
the Indian Oceans, and on the periodical changes of the plankton &
Sargassum. - Upsala, 1897. - 2 pls. on Diatoms.

✓ Cl. Scot. - Report of the fishing Board for Scotland: scientific
investigation for 1896.

BIBLIOGRAPHY.

O--O

14

- BRUN, 1891.--J. Brun; Diatomées marines et pelagiques. Geneve, 1891.
- B.S.B.--Bulletin Societe Belge de Microscopie. Bruxelles 1891.
- CAN.NAT.--The Canadian Naturalist. Toronto, 1888--.
- CARP. 1881.--The Microscope and its Revelations. Wm. Carpenter, London, 1881.
- CARR.--J.E. Gray's Handbook of British Water-weeds. London, 1884.--Diatoms by Wm. Carruthers.
- CARR. 1888.--On Tryblionella Victorias & Denticula subtilis. Wm. Carruthers, London;
- CASTR. INTRAS.--Catalogo di Diatomee raccolte nella Val Intrasca. Estrat. Con. Soc. Crit. Ital., 1866.--Genova.
- CASTR. 1878.--La Grammatophora longissima, Petit. fra le Diatomee Italiane. Atti Soc. Crit. Ital., 1878.
- All Publications of Castracane containing notes on Diatoms are referred to in their proper places in this book.--H.H. Chase.
- CAUNTER, I.--Notice of an Infusorial Deposit in the Island of Lewis. London, 1850.
- CERTES, A.--Sur l'abondance de la Pinn. viridis dans les depots du Cap Horn. Paris, 1839.
- CHAUVIN, 1834.--Des collections d'hydrophytes et de leur preparation.--Caen.
- CL. 1867.--Diatomaceen från Spetzbergen. Royal Swedish Academy Reports. Stockholm; P.T. Cleve.
- CL. 1868.--Svenska och Norska Diatomaceen. Idem, P.T. Cleve.
- CL. 1878.--On Diatoms from the Arctic Sea. Idem; P.T. Cleve.
- CL. JAVA.--Examination of Diatoms found on the surface of the Sea of Java. Idem, P.T. Cleve.
- CL. 1873.--Diatoms from the west Indian Archipelago. Idem, P.T. Cleve.
- CL. 1880.--Beiträge zur kenntniss der Arctischen Diatomen. P.T. Cleve & A. Grunow, R.S.A. Reports, Idem.
- CL. 1881.--Färskvattens Diatomaceen från Grönland och Argentiska Republiken. Idem.
- CL. VEGA.--Diatoms collected during the expedition of the Vega. Stockholm, 1885.
- CL. NARES.--On the Diatoms collected during the Arctic Expedition of Sir George Nares. J.L.S., 1884.
- C. & J.--P.T. Cleve & A. Jentsch; Ueber einige alluviale und alluviale Diatomen-schichten Nord-deutschlands. Königsberg, 1881.
- CL. 1891.--The Diatoms of Finland. Helsingfors, 1891.
- C. & M.--Cleve & Moller; Diatoms mounted; Upsala, 1878.
- COHN, 1857.--Ferdinand Cohn; Ueber Meteor-organismen in Binnenland. Breslau, 1857.
- COLE, ESSEX.--List of Infusoria found in the Neighborhood of Salem, Mass.--Proc. Essex Inst., 1853.
- COMBER, THOMAS.--Diatomaceae of the neighborhood of Liverpool. Mic. Soc. Liverpool, 1858; Trans. Lancaster M. S. Soc., 1859.

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- CORDA, A.C.--On the thousand objects of the ...
 CORDA, A.C.--Observations microscopiques sur les diatomées
 des eaux et des lacs de l'Alsace. 1861-62.
 CRAMER, C.--Über einige meteorologische ...
 Sand. Schweiz. Meteor.-Blatt. Zurich, 1866.
 DANIEL--H. Jullien Daniel; On the Diatoms of the ...
 Sw. R.S.A. Reports, Stockholm, 1862.
 DEBY, D.T.--Les Diatomées terrestres. 1863,
 Mens. Société Paléont. Belge.
 DEBY, POLIER.--Liste des Diatomées fossiles trouvées dans
 l'argile des Polders. Idem, 1870.
 DELOGNE, C.H.--Première liste des Diatomées de
 Bruxelles. Bull. Soc. Sc. Belge, 1870.
 DELOGNE, 1879.--Note sur le Trichionella ovata.
 Annales Soc. Belge Mic., 1879.
 DESMAZIERES, J.B.--Plantes cryptogames de la France.
 Ed. I, Lille, 1825;--Ed. 2, Lille, 1835-45.
 DEL. PORT.--Manipolo di Alge Portoghesi dal Sign. A. ...
 G.B. De Toni, in Notarisia, 1833, p. 401.
 DEL. SYLL.--Sylloge Algarum: G.B. De Toni, Patavii, 1891.
 DICKIE, G.--Notes on Algae from the Amazon and its Tributaries.
 J.L.S., 1830: Diatoms by Rev. G. Davidson.
 DILLWIN, L.W.--British Confervae, London, 1809.
 DIPPEL, 1870.--L. Dippel; Beiträge zur Kenntniss der in dem
 Soolwassern von Kreuznach. Lössen Diatomen; Kreuznach.
 DONK. R.D.--A.S. Donkin: The Natural History of the
 British Diatomaceae. London, 1871-72.
 DUMONTO, J.--On fossil Infusoria found in the
 County Down. London Mag. of Nat. Hist., 1839.
 DUBY, J.E.--Botanicon Gallicum. Paris, 1830.
 DUJARDIN, F.--Histoire Naturelle des Zoophytes,
 Infusoires &c. Paris, 1841.
 EBERL, CASSEL.--Beitr. z. Diatomeenflora der Umgegend
 von Cassel. Notarisia, 1833, p. 133.
 E.M.P.O.--Edinburgh New Philosophical Journal.
 EDW. N.H.--A sketch of the Natural history of the
 Diatomaceae. A.M. Edwards, Concord, N.H., 1874.
 E. BEITR.--Beitr. z. Kenntniss der Organisation von Infusorien und
 geographischen Verbreitung, besonders in Sibirien: A.M. Edwards, 1874.
 E. KREID.--G.C. Ehrenberg; Ueber die Bildung und die Verbreitung der
 durch unsichtbare Organismen. -Abh. Ber. 1830.
 E. MITT.--Die das funkeln und blitzen des ritterschiffes bewirkenden
 unsichtbar kleinen Lebensformen. G.C. Ehrh., Berlin, 1857-58.
 E. NORD.--Das unsichtbar wirkende Leben der Naturgeschichte, an dem ...
 in den neuesten Forschungen bei 600 mal vergrößerter Schärfe
 nach Materialien Germania erläutert. Leipzig, 1867.

Gran N.E. - Gran; The Norwegian North-Atlantic
Expedition, 1876-78. Protophyta.

W. H. K.

BIBLIOGRAPHY.

- BIBLON, I371.--Beit.z. Physic. Characteristick der Ozeanischen Thiere
 und Kuste. Mit besonderer Beruecksichtigung der Diatomeen. Hannover, 1371.
 EICHWALD, H.--Diatomeen in Nachtrage I-3 zu
 Im Isorichnische Russlands. Moskau, 1344, 1347, 1352.
 ENG. BOT.--English Botany; J. E. Smith, 1797-1800.
 ENG. MEC.--The English Mechanic; London.
 EUL. SP. I.--Theo. Eulenstein's Species Typicae
 Diatomacearum. Stuttgart, 1368.
 EYFURTH, B.--Die einfachsten Lebensformen des Thier- u. Pflanzenreichs
 Syst. Naturges. des Mic. Susswasser bewohnen. Braunschweig, 1373, 1377.
 FLOEGL, ALFRED.--Die Diatomeen in der Gruppierung der Algen zur
 Untersuchung der Ostsee. Kiel, 1370. Vide Lins, Vol. 2.
 FLOEGL, C. O.--Studien. Braunschweig, 1347, 1354.
 FRESSENIUS, G.--Ueber einige Diatomeen. Frankfurt,
 FRESSENIUS, (I).--Beit. zur Kennt. der Mic. Organ. Frankfurt,
 FORT. CEY.--Catalog des Diatomees de l'ile Ceylan.
 Par Leuduger-Fortmichel; Paris, 1379.
 FORT. D. M.--Catalog des Diatomees marines de la Baie de
 St. Brieux et du Cotes du Nord. Paris, 1379.
 FRIES, E.--Systema orbis vegetabilis. Part I, Linn. 13, 1375;
 H. & M.--Fritsch & Muller; Die Skulptur und die feine
 Strukturverhältnisse der Diatomeen. Berlin, 1370.
 GALLIK, PAPA.--O. Gallik: Susswasser Diatomeen von Papp. 1371.
 GIRARD ROSS.--Les Diatomees fossiles. J. Girard, Paris, 1371.
 GIRARD, J.--Etude Photomicrographique sur le Genre. Paris, 1370.
 GIRARD, J.--Photomicrographie des Diatomees. Paris, 1370.
 GIRARD-CHAMPEL.--Polysyllabes et autres. Paris, 1370.
 GÖBI, C.--Die Algenflora des Weissensees. St. Petersburg, 1373.
 GREG. D. C.--On new forms of marine Diatoms, found in the
 Clyde & Loch Fyne. Wm. Gregor, Tr. Roy. Soc. Edinburgh, 1377.
 GREGORY, W.--Notice on the Diatoms found in
 the Island of Mull. Part I, 1371; Part II, 1372.
 GRUN, I360.--Ueber neue oder ungenügend bekannte Arten und
 Gattungen von Diatomaceen. Iden.
 GRUN, I362.--Die Oesterreichischen Diatomeen nebst Anschluss
 einiger neuen Arten. s. v. Iden, Wien.
 GRUN, I363.--Ueber einige neue und ungenügend bekannte Arten und
 Gattungen von Diatomaceen. Iden.
 GRUN, I365.--Ueber die von Herrn Garstenberger in Rab. Dec. an-
 gegeben Susswasser Diat. & Desm. von der Insel Banka. Iden.
 GRUN, I367.--Diat'ae auf Sargassum von Honduras. Hedwigia 1367 p. 17.
 GRUN, I368.--Reise seiner Maj. Frig. "Novara" um die Erde. Iden.
 GRUN, I373.--Algen und Diat. aus dem Kaspischen Meere. In Gr. d.
 Schneider's Naturw. Beitr. zur Kennt., Dresden;

Herib. - F. Joseph Heribaud. - Diatomées d'Auvergne. - 1894.

BIBLIOGRAPHY.--

1871

- GRUN. 1832.--Beitrage zur Kenntniss der Fossilien Diatomaceen
Oesterreich-Ungarns. Idem.
- GRUN. 1834.--Die Diatomeen von Franz-Josef's Land. Idem.
- GUINARD, 1833.--Diatomees recoltées dans les Gorges
du Tarn. Bull. Soc. Bot. de France; Paris.
- GUINARD, M.E.--Note sur quelques formes anormales et
teratologiques chez les Diats.-Rev. Sci. Nat., Montpellier, 1877.
- GUINARD & BLEISCHER.--Notes sur une Hisement de Diatomees, dans le
terrain quaternaire des environs de Rome. Idem, 1872.
- GUTWINSKI, R.--Materyjaly do flory wodrostopow Galicyi.
Osobne dodacie z. T. XVIII. Krakau, 1834.
- GUTWINSKI, R.--Idem, Part 2, 1890.
- GUTWINSKI, R.--Bacillariaceae Tatrensis. Berichte
Physiol. Om. Akad. Wissen. Krakau.-1833.
- HALLIER, E.--Untersuchungen der Diatomeen insbesondere über
ihre Bewegungen u. ihre veget. Fortpflanzung. Gera, 1830.
- HALLIER, 1881--Biologische studien über Diatomeen. Berlin;
- HALLIER, E.--Weitere Beobachtung an Diat.-Berlin, 1831.
- HALLIER, 1882--Diatomeen: Westermann's illustrierte Deutsche
Monatsber.-Braunsweig;
- HANSEN, C.--Forte, nelse over ny Findester ueter Danske
Diatomeen. Copenhagen, 1871.
- HANSEN, C.--Ein kleiner Beitrage zur Kenntniss der
der Danischen Beilande. Idem, 1831.
- HANSEN, 1875--Liste des Diatomees trouvees dans le Diche.
de Slesvig. Botan. Tides. Copenhagen,
- HANTZSCH, C.A.--Ueber einige Diatomeen aus dem Ostindischen
Archipelago. Rabenhorst's Beitrage, 1862.
- HARTING, P.--Over de Foramin. und Diatomeen. In den
Nederlandschen boden. Utrecht, 1848.
- HARTING, 1857--Die Boden onder Amsterdam.
- HARTING, 1860--Bijdrage tot de kenniss der Micros. Fauna et
Flora van de Banda-Zee. Amsterdam;
- HARVEY, W.H.--A manual of the British Algae. London, 1841.
- HASS. ALG.--A.H. Hassall; History of the British
Fresh-Water Algae. London, 1844.
- HASS. 1857--Microscopic Examination of the Water supplied to
Inhabitants of London.-A. H. Hassall;
- Idem.--Monograph; Ueber die Kryptogamen, die
für Kryptog.-Literatur. Dresden, 1852-92.
- HEIB.--P.A.C. Heiberg; Conspectus Criticus
Diatomacearum: Danicum.--Copenhagen, 1862.
- HARKNESS, R.--Diat'ae found fossil in Dumfriesshire.
Edinburgh Bot. Soc. Reps., 1855.
- HELMHACKER, R.--Ein neues Diatomeen-lager bei Tabor.
Verh. K.-K. geologie; Reichenstadt, 1873.
- HOLSE, 1860.--Beitrage zur Algen und Diatomaceen Schliessung,
insbesondere Strichlins. Breslau.

• 100 •

- HILSE, I333.--Neue Beiträge. (Idem, Breslau).
- HOFFMANN, M.--Beitr. zur Diatomeenflora von Marburg. -I335.
- HOFFMEISTER, I357.--Ueber die Fortpflanzung der diatomeen und Diatomeen. Leipzig.
- HOPKINS, H. V.--Report on the Specimens obtained from boring's made in I374. Appendix "A" to War Reps., Washington, I373.
- HULL.--Diatoms of; G. Norman, Q. J. M. S. I330 pp. 59, I331.
- INF.--G. C. Ehrenberg; Die Infusionsthierchen als vollkommene Organismen. Leipzig, I333.
- ITALY.--Prima raccolta per il Conimento delle diatomee di Italia. By De Toni & Morenos; Notarisia I333, pp. I25, I29, 413.
- JAN. GU.--C. Janisch; z. charakteristik der Ganos. Br. I333, I334.
- JAN. GAZ.--Diat'ae. of the Gazelle Expedition. I373.
- JANISCH.--On Dr. J. J. Woodward's Photographs of Amphipleura pellucida & Pleurosigma angulatum. Bonn, I330.
- JAN. & R.--J. & Rabenhorst; Ueber Meeres-Diatomeen von Honduras. Rab. Beitr., I332.
- JENNER, A.--Flora of Tunbridge-wells. London, I345.
- JENTSCH, A.--Diatomeen-führende Schichten des WestPreussischen Diluviums. Berlin. I334.
- JOBLOT, L.--Descript. et usages de plusieurs nouveaux Microscopes. Paris, I7I3: -p. 67, pl. 8).
- J. L. S.--Journal of the Linnean Society, -London, I357-92.
- J. M.--Journal de Micrographie. Paris, I377-92.
- J. Q. C.--Jour. of the Quekett Microsc. Club. London, I333-92.
- J. M. G.--Journ. Museum Goddefroy. Hamburg, I373-3I.
- J. N. Y. M. S.--Jour. of the New York Mic. Soc. -I335-92.
- J. R. M. S.--Journal of the Royal Mic. Society. London, I373-92.
- KICKX, J. J.--Diatomees in flore Cryptogamique des Flandres. Gand, I340-55.
- KINNORD.--List of Diatomaceae from Loch Kinnord. Rev. G. Davidson, in Edinburgh Bot. Soc. Tr., Vol. 2.
- KIRCHNER, O.--Die Algen Schliessens. Breslau, I373.
- KIRCHNER, O.--Beitr. zur Algenflora von Wittenburg. I330.
- KITTON, R.--Fauna & Flora of Norfolk; list of Diatoms there occurring; Trans. N. & Norwich Nat. hist. Soc., I375.
- KOSLOWSKY, V.--Materialen zur Algenflora von Sibirien. Kiew, I337.
- KRAUS, C. & MILLARDET, A.--Etudes sur la matiere colorante des Diatomees et Phychromacees. Strasbourg, I333.
- KUEBLER, J. & ZWINGLI, H.--Microsc. Bilder aus dem Leben unserer einheimischer Gewasser. Winterthur, I334.
- K. B.--Die Kieselalgen Bacillarien oder Diatomeen. Franz T. Kitzing, Nordhausen, I344.
- K. PHYC.--Phycologia Germanica; Idem, I345.
- K. S. A.--Species Algarum Europaeum; Idem, Lipsiae, I349.
- K. SYN.--Synopsis Diat'arum. Oder Versuch einer Systematischen Zusammenstellung der Diat.-Gatte, I334. Aus Linnaea, I333.
- KUTZING, F. T.--Ueber Melosira & Fragilaria. Linnaea, I333.

Lauterborn. - Robt. L.; Ueber Bau der Diatomeen. -
Heidelberg, 1871.

Suchon. (vide Billoc, Suchon.)

- LAGR. 1373.--N.G.W. Lagerstedt; *Salvatens Diatomaceae* fra Spitzbergen och Beeren Island. R.S.A. Reports, Stockholm.
- LAGR. 1373.--*Salvatens Diatomaceae* fra Spitzbergen. Idem, 1873.
- LAGR. 1334.--*Diatomaceae* i Kitzing's exsiccatawerk.
- "*Algae aquae dulcis Germaniae*."--Idem.
- LAC. & SUR.--LaCoste & Surinay; *Nieuw beschrijvingen van voor ons Floranieme zoutwaterwieren*. Drenthe, 1860.
- LAMARCK & DeCANDOLLE.--*Flora Francaise*. Paris, 1815.
- LAKE MICHIGAN.--Diatoms of; by H.H. Chase & B.W. Thomas; Chicago, 1883.
- LANK. & R.--E. Lankester & P. Reafern; *Micr. Exam. of the water supplied to London from the Thames & other sources*. London, 1882.
- LANZI, 1373.--*Le Diatomacee raccolte della spedizione Societa Geografica Italiana in Tunis*. M.D. Lanzi, Roma, 1873.
- LANZI, OSTIA.--*Diatomee raccolte in Ostia*. Idem, Roma, 1873.
- LANZI, TOR.--*Le Diat. fossile di Tor di Quinto*. Idem, Roma, 1881.
- LED.--*Le Diatomists*; Jour. devoted to Diatoms; Paris, 1877.
- LENS.--The Lens; A quarterly Jour. of Micr. and allied Natural Sciences. Chicago, 1872-73.
- LEWIS, N. & R. S.--Notes on new and rarer species of Diatoms of the U.S. Seaboard. Proc. Acad. Nat. Sciences, Philadelphia, 1884.
- LEWIS, N. & I. F.--On some new and singular intermediate forms of the Diatomaceae. Idem, 1863.
- LEWIS, W. M. D.--On extreme and exceptional variations of Diatoms in some White Mountain Localities. Idem, 1865.
- LINK, H. F.--*Horitz Physiol. Berolineris*, 1820.
- LINNEA.--*Journal fur Botanik*, Berlin, 1828-92.
- LONDON CLAY.--Diatoms of; Kitton & Shrubsole, W. R. M. S., 1881.
- LYNG. TENT.--H. C. Lyngbye; *Tentamen Hydrophytologiae Danicae*. Haffnise, 1819.
- MACDONALD;--*Micros. Exam. of Drinking waters*. Philadelphia, 1875.
- MACCHIATTI, L.--*La Syndra pulchella, var. abnormis; ed altre Diatomee della sorgente di Ponte Nuovo. (Sassuolo)*; Firenze, 1839.
- MALAISIE.--Vide Ann. Bot. Brit.
- MANOURY, C. A.--*De l'organisation des Diats.* Idem, 1870.
- MANOURY, 1870.--*Etude sur les Diatomees*. Paris, 1870.
- MARISSAL, F. D.--*Catalog des especes Diatomee* Idem, 1870.
- Flora du Hainaut et des environs de Tournai*. Idem, 1870.
- MATHIEU, C.--*Flora Rossensis*. Firenze, 1833.
- MATHIEU, C.--*Flora generale de Belgique*. Bruxelles, 1853.
- M. D.--*Micrographic Dictionary*; Griffiths & Jeffrey; London, 1875.
- MEN. A. N. D.--G. Meneghini; *On the Animal Nature of the Diatomaceae*. Venezia, 1843. Ray Soc. Proc., 1853.
- MENIER, C. H.--*Falsification de la Galle des Groseilles, decouvertes par les Diatomees*. Nantes, 1879.
- MERESCHKOVSKY, C.--*Verzeichniss der bei der Solowikischen Inseln in weissen Meere gesamm. Diatomeen*. St. Petersburg, 1873.
- MERTENS & JURGENS.--*Algae aquaticae, quas in littore maris dynastium Jeveranum et Friesianum*. Jever, 1815-17.

Müller, 1883. - Die Lillhaut u. S.v. von *Melosira arctica*: Von Otto
Müller. - Jahrb. Wiss. Bot., vol. 14, pt. 2:

Müller, 1890. - Otto Müller, Bacill. ausfava. - Jahrb. Wissensch.
Bot. - 1890. p. 318.

Ostrep, 1897. - E. Ostrep; Kyst-Diatomeer fra
Groenl. i. 8vo. Pp. 358-362; Plate 2. -
Copenhagen, 1897.

- O'M.I.D.--Rev. Eog. O'Meara; Report on the Irish Diatomaceae.
Proc. Royal Irish Acad. Sciences, Dublin, 1873.
- PANT.--Dr. Josef Pantocsek; Beiträge zur Kenntniss der fossilen
Bacillarien Ungarns. Theile I & 2, Nagy-Tapolcsany, 1836-91.
- PEDICINO, N.A.--Pochi studi sulle Diatomee viventi presso alcune
terne dell' isola d'Ischia. Napoli, 1847.
- PELLETAN, J.--Les Diatomées; Histoire naturelle, préparation, classifica-
tion; description des principales espèces. Paris, 1833.
- PERAGALLO, H.--Les Diats. du Midi de la France. Toulouse, 1836.
- PER. PL.--Idem; Monographie des Pleurosignées; Le Diatomées, 1891.
- PER. VILLEF.--Idem; Diats. de la Baie de Villefranche; Toulouse, 1833.
- PERTY, K.L.--M. Perty; Zur kleinsten Lebensformen nach Bau,
Funktionen, Systematik, etc.; Bern, 1852.
- PERTY, M.--Idem; Bewegung durch schwingende Microscopische
organe über Bacillarien. 1848.
- PETIT, CAT.--P. Petit; Catalog des Diats. de l'île Campbell et
de la Nouvelle Zealand. Paris, 1877.
- PETIT, CLASS.--Classification des Diats.; -Bull. Soc. Bot. France, 1877.
- PETIT, LISTE.--Liste des Desmidiées et Diatomées observés dans les
Environs de Paris. Idem, 1877.
- PETIT, P.--Diats. de Table Bai; Fonds de la Mer, Paris, 1873.
- PETIT, NIMROD.--Diatomées recoltées sur les Huitres de Ningpo
et de Nimrod Sound (Chine): Paris, 1831.
- PET. CAP HORN.--Diatomées recoltées dans le voisinage du
Cap Horn. Paris, 1833.
- PET. & LEUD.--Diats. fossiles d'Auvergne. Paris, 1877.
- PETIT, 1833.--Diats. observés dans les Lacs des Vosges. Paris.
- PFITZER, E.--Untersuchungen über Bau und Entwicklung
der Bacillarien. Bonn, 1871.
- POGG. ANN.--Poggendorff's Annalen;
- POOLEY, C.--Diatoms of western-super-mare. London, 1833.
- POP. S. R.--Popular Science Review, London, 1869-92.
- PRIT.--Andr. Pritchard: History of Infusoria. London, 1852 & 1861.
- PROC. LYCEUM of Nat. Hist. of NEW YORK.
- PROLLIUS, F.--Beiträge zur Kenntniss der Diatoméen der
Umgebung von Jena. Lüneberg, 1832.
- QUEKETT, J.--Lectures on Histology; London, 1842.
- QUEK. CAT.--Catalog of the Microsc. preparations in the College
of Physicians & Surgeons. (Lectures, Vol. I, p. 5.)
- RAB. K. FL.--Dr. L. Rabenhorst; Kryptogamen Flora Deutschlands; oder
Handbuch zur Bestimmung der Krypt. Gewächse Deutschlands,
der Schweizerische des Lombards, etc.: Leipzig, 1847.
- RAB. BAC.--Bacillarien Sachsens; 7 fascicules, 70 Nos. Leipzig, 1849.
- R. BEIT.--Rabenhorst's Beiträge zur näheren Kenntniss und
Verbreitung der Algen. Leipzig, 1863-65.

Tolosa, L.

> Schaarschmidt, Alg. - Schaarschmidt, J.G., von Afghanistan
Algae. Jour. Linn. Soc. Bot. Vol. 21 () p. 244 pl. 5. -

Schulz, A. - Examination der Mineralquellen von Nassau. 1852. -
Jahrbuch der Nassau Verein. f. Naturk. -

Schütt, Chert. - Schütt, A. - Ueber die Fossilien
des Jura, Zpls.

- R.S.D.--Süßwasser Bacillarien. Leipzig, 1853.
 R.ALG.--Diatomaceae exsiccatae totius
 terrarum orbis. Dresden, 1871.
 R.E.D.--Flora Europaeum; Algae in aquae
 culture et culture. Leipzig, 1881.
 RAY, J.--Diatom. Trans. Roy. Soc. Edinb., 1833; p. 419 pl. 24.
 RATTRAY, J.--A revision of the Genus Coscinodiscus, and allied
 species; Proc. Royal Soc. Edinburgh, 1890.
 REG. FL.--Flora, oder allgemeine botanische Zeitung, herausgegeben
 von der Bot. Gesellsch. zu Regensburg. 1813-92. *By Ledebur*
 REINICKE, F.--Beiträge zur neuen Micr.-Dresden, 1853.
 REINHARDT, L.--Zur Kenntniss der Bacillarien des Weissen
 Meeres. Bullet. Soc. Imp'le Nat., Moscou, 1832.
 REINSCH, P.--Die Algenflora des mittleren Theils
 von Franken. Nürnberg, 1867.
 ROPER, THOMAS.--Diatoms of: T.M.S. 1864.
 ROTH, A.G.--Tentamen Florae Germanicae.-Lipsiae, 1733-1800.
 ROTH, A.G.--Botanica Catalecta. Lipsiae, 1800-1811.
 > SCHAARSCHMIDT, J.G.--Species Phycologiae
 Aequatoriensis. Klausenberg, 1881.
 SCHLEIDEN, M.--Wissenschaftlichen Botanik.-Leipzig, 1831.
 SCHMIDT, A.--Über die mittellinie, besonders der
 Naviculaceen. Bot. Zeitung, 1872.
 SCHMIDT, A.--Über Navic. Weissflogii & Grunaleri; *a. Schmidt*, Halle, 1873.
 SCHMIDT, N.D.--Idem; Die in dem Grundproben der
 Nordseefahrt, etc.-Aschersleben, 1874.
 SCHOMBURGH, R.--Reisen in British Guiana. London, 1873.
 SCHUM. H.T.--J. Schumann: Die Diat. der hohen Tatra. Wien, 1867.
 SCHUM. J.--Preussische Diatomeen; Königsberg, 1862-69.
 > SCHUM. 1869.--Idem; Beitr. z. Naturg. der Diat.--Wien, 1869.
 S.B.D.--Rev. Wm. Smith; Synopsis of the British
 Diatomaceae. London, 1853.
 SIEBER, J.--Contribution to the Knowledge of the Diatom State of
 Kutchlin: Wien, 1879.-Sitzb. der Naturforsch. Gesells. zu Halle.
 S.G.--Science Gossip. London, 1865-92.
 SHARK RIVER.--Diatom List of; T.B.C., 1867. *C.H. Kaim*
 SM. SP. T.--H.L. Smith; Species Diatomacearum
 Typicae. Geneva, N.Y., 1874.
 SOC. CRIT. ITAL.--Societe Crittogarico Italiano. Milan.
 SOCOTRA.--List of Diats. in; F. Kitton, J.L.S., 1864.
 SOUBEIRAN, J.L.--Essai sur la matiere organique des
 Sources Sulfureuses des Pyrenees. Paris, 1853.
 SPANER, A.--Die Diatomeen von Daren 1. Ungarn. Daren, 1833.
 STEIBEL, S.F.--Die Grundformen der Infusorien in
 den Heilquellen. Frankfurt, 1841.
 STROSE, K.--Das Bacill-lager bei Kicken in Anhalt. Dessau, 1881.

1. 1. 1. 1. 1.

SUHLE, H.--Jahresbericht des Friedrichs-Realgymnasiums.

SURINGAR, W.F.R.--Dissertatio Botanica inauguralis continens
observationes Phycologicas in Floram Batavam. Leuwarden, 1857.

SURJAP.--Idem; Algae Japonicae musci Botanici
Lugduno-Batavii. Harlemi, 1870.

SYPMIEWSKI, F.--Okrzeżki okolic Poznania. (Diatoms.) Poznań, 1890.

TANAREK, K.-J.--Rozsivky (Diatomaceae). Praha, 1878.

T.B.C.--Trans. of the Torrey Bot. Club: New York.

Trans. of the London Microsc. Soc. 1858-59-94;

T.R.M.S.--

TRUAN Y LUAR, A.--Ensayo sobre la sinopsis de las
Diatomeas de Asturias. Madrid, 1835.

TURPIN, P.--Memoires de Museum de Paris; 1827.

TURPIN, P.--Obs. sur le Nouv. genre *Suirella*. Idem, 1828.

UNGER, F.--Beobachtung einer neuen Art von *Gomphonema*.

V.A.S.--A. Van denurek; Synopsis des Diats. de Belgique. Anvers, 1833.

V.A.T.--Types au Synopsis; Anvers, 1835.

VAUCHER, J.P.--Histoire des Confrueses d'eau douce. Geneve, 1803.

VILLEF.--Vide Per. Villef.--

W. & C.--Walker, W.C. & Chase, H.H.--Notes on New and rare Diatoms.
Utica, N.Y., & Linden, Mich.-1836-37.

WALLROTH, C.F.W.--Flora Cryptogam. Germaniae. Nürnberg, 1812.

WARTMANN, B. & SCHENCK, H.--Schweizerische Kryptogam.-St.Gallen, 1834.

WEISSE, J.F.--Nachricht über einen sta. fall, welcher sich
im Jahre 1834 im Gouvern. Irkutsk. St.Petersburg, 1851.

WEISSE, J.F.--Microsc. Analyse eines Organismen Polirschiefers
aus dem Gouvern. Simbirsk. Idem, 1854.

WEISSE, J.F.--Die Diatomaceen des Brausecklannes von
Arensburg und Haisal. St.Petersburg, 1860.

WEISSE, J.F.--Diatomaceen, etc., des Ladoga-Sees.
Idem; 1834-35.

WEISSE, J.F.--Mier. Untersuchung des Gharos. Idem, 1837.

WESTENDORP, J.C.--Herbier Cryptogamiae Belge. 1845-59.

WILLIAMSON, W.C.--On some of the Mier. objects found in the mud
of the Levant: Mems. of Manchester Literary & Phil. Soc., 1847.

WISSINGER, K.--Adatom hazarek bacillariarum
ismeretchez. Buda Pest, 1873.

WITT, 1835.--O.N. Witt; Die Diatomen der Polystichinischen von
Jeremie, Hayti, w. Indien. O. Witt & Traugott Linné, Berlin.

WITT, 1835.--O.N. Witt; Ueber der Polischiefers von Arensburg
Kryptogamie im Gouvern. Simbirsk. St.Petersburg, 1854.

WYATT, M.--Algae Canariensis.

WOLLE, F.--Diatomaceae of North America;
Rev. Francis Wille, Bethlehem, Pa., 1839.

ACANTHODISCUS. - (Pant. 1893) ~

✓ rugosus, Pantoc. 3p. -- - 11 f 180: ~

+ affinis, Cl. Nav. 2p. 190: - 1.

" V. Janalensis, Gn. - (Cl. Nav. 2p. 190: - (A. hung. var. Jam.)

✓ agglutinata, Gn. - Cl. 1880 p. 19; Cl. Nav. 2p. 194:

✓ Americana, Cleve, Led. vol. 2, No. 15 pl. 3 f 17, 18;

No. 19 p. 143-3 f 21, 22; Cl. Nav. 2p. 184: (Heteroneis.)

Baccata, Fortm. - Cl. Nav. 2 p. 195-3 f 3; - (Heteroneis; A. curvata.)

Balajickii, (Actinoneis?) Balda. subquad.: ~

" subquadata, Pant. 3 pl. 13 f 202: - (A. Balajickii.)

Piaetollicana, Gn. - Cl. 1880 p. 22; Nav. 2p. 189:

" forma minuta

7 Borealis, a. cl. 1895 p. 23-1 f 14, 25:

; Bathnica, Cl. Nav. 2p. 186: - (A. clevei, v. Bat. Actinoneis..)

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- + *Porempes*, Cl. Nov. 2p. 193: K. Alg. Eur. Nos. 77, 78: Oestrup 1897 p. 329.
 } " *pauciflora*, K. Cl. Nov. 2p. 193: - (A. pauciflora pp. + *pachypus* pp.) Oestr. 1897 p. 329.
 } " *humidula*, Cl. Nov. 2p. 193: - (A. *thies inflatum*.)
 } " *Lindugeri* Tp. Br. - Cl. Nov. 2p. 193: - (A. *Lind.*)
 } " *marginata*, Cl. Nov. 2p. 193: - (A. *subsess. v.*)
 } " *subseriata*, Cl. Nov. 2p. 193: - (A. *int. + subsess. f.p.*) Oestr. 1897 p. 329:
 } " *intermedia*, K. - Cl. Nov. 2p. 193: - (A. *int. + subsess. f.p.*) Oestr. 1897 p. 329:
 } " *seriata*, Ag. - Cl. Nov. 2p. 194: - (A. *seriata* Ag.; - A. *ser. var. g.* - A. *subsess. v. Enensis*.)
 } " *angustata*, Gr. - Cl. Nov. 2p. 194: - (A. *ang. + pennata*.)
 } " *pennatiformis*, Gr. - Cl. Nov. 2p. 194: - (A. *penn.*)
 } " *Indica*, Br. - Cl. Nov. 2p. 194: - (A. *Ind.*)
 " var., Oestrup, 1897 p. 329-2 f 8, 13:
 * " " *incurvata*, Oestrup Mar. D. pl. 3 f 1: 1897 p. 329: (A. *subsess. v. incurv.*) -
 " " *linearis*, Oestrup 1897 p. 329 - 2 f 9:
 + *Clevei*, Petit Cap Horn: -
 + *coarctata*, Herib. p. 47: - Cl. Nov. 2p. 192:

- + *Danica*, - See A. *Danica*
 " *v. major*, Cl. Nov. 2p. 196:
 " *v. maxima*, Cl. - Atlas 198 f 60, 61

Pent. 2. 2 Rms 1864-67

59 . 57; Dec. 6. 1891.

CUBIA, GRAM. - C. & M. 145:-(19000112?)

+ Exilis - Hervey & Petit Class. fig. 2 (Journ. 1891 p. 187, f. 2)
O. & Lend. (Cl. Nov. 2 p. 189) - (Cl. Nov. 2 p. 189)

T.

gibberula
- var. gibberula (Cl. Nov. 2 p. 189)

+ gibberula - Hervey & Petit (Cl. Nov. 2 p. 189) - (Cl. Nov. 2 p. 189)

glabrata,
- var. glabrata (Cl. Nov. 2 p. 189)

Grondlandica, var., Oestrup 1897 p. 330-2 f. 17:

heteromphala, (Cl. Nov. 2 p. 189) - (Cl. Nov. 2 p. 189)

+ Hudsonia (Cl. Nov. 2 p. 189)

gargensis, var. gargensis (Cl. Nov. 2 p. 189) - (Cl. Nov. 2 p. 189)

+ hypochrysa (Cl. Nov. 2 p. 189) - (Cl. Nov. 2 p. 189)

Pilata, lanceolata; A. brev. v. humilis:
H. v. Smithiana, g. - Cl. Nov. 1881 (Cham.)
7 crispata, Cl. (Actinoneis) Le D. M. 2p. 57-3f13, 14:
Nov. 2p. 186:

7 Lagerheimii Cl. - Le D. no. 15 pl. 3f2, 22; (Heteroneis) Atlas 1906
Cl. Nov. 2p. 185:

+ lanceolata, H. ib. p. 44: Cl. Nov. 2p. 186:
7 " v. ductilis, G. - Cl. Nov. 1881 (Cham.)

7 " v. Haynaldii, Schm. - Cl. Nov. 1881 (Cham.) 7f145
Cl. Nov. 2p. 186: (Heteroneis)

7 Lillegeborgii, Cl. - Le D. no. 15p. - 3f19, 20; (Heteroneis) Nov. 1906
Cl. M. #182, 311: Cl. Nov. 2p. 185: Bot. Cl. 1881 p. 68:

+ linsearis,

1, v. pusilla G. - Cl. 1880p. 23: Nov. 2p. 189: - (A. pusilla.)

+ Lorenziana, G. - Cl. 1880p. 23: Nov. 2p. 189: - (A. pusilla.)

7 Lorenziana, G. - Oestrup 1897 p. 324:
Cl. Nov. 1881 (Cham.)

Rhaph. L., scutellum - Cham. - Cocc. robusta: A. guyanaensis -

8 mammalis, Cl. H. v. p. 187-3f13-15: (Actinoneis) - Rhaph. - Cham. - Cocc. robusta: A. guyanaensis -

5 " v. reticulata, Cl. - Nov. 2p. 187-3f16:

7 margaritiformis, Cl. - Le D. no. 15p. 57-3f8, 10: (Actinoneis)
Cl. Nov. 2p. 186:

+ marginulata, Cl. Nov. 2p. 186: - (A. delicata.) -

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VIOLACEA, K.-Cl. 1330.22; 1331.10: V. u. S. p. 131-27f20-23; Wille, pl. 27f27; Malaisia: Lake Michigan; Det. Syll. p. 433: -(Achnanthidium.) +
VIOLACEA, Balis, A.M.N. p. 1344.492-11fII: 1315.173-19fII:

-----K. Syn. p. 50, f54; 1889. Alg. p. 401-
 10014; K. p. 73-131f2; 21f2; 1414(2b): K.S.A. p. 54; R.S.D. p. 25-3f2;
 R. Ex. 55; R. Alg. 503; Brev. Conc. p. 13; R. D. Ex. 3; V. Alg. 75: Prit.
 p. 374; R. S. D. p. 109; Marissal; Infus. p. 223-20f5; Prolins p. 53; P. u.
 1103 p. 16; Cl. 1330.23; Vega p. 491: V. u. S. p. 131-27f27, 33; Bellon,
 Lichon: Lag. 1334.53; Gallia, Paia; Schum. 1339.35: Tararek 13791.
 43f27a; Perag. p. 53; Wille, pl. 29f10, II: Schum. H. T. p. 33-2f28; Italy:
 Bolmann, Marburg; Spren, Dirm: Trian, 1333.1.4f19: Det. Syll. p. 434:
 " var. cuneata, Lag., V. u. S. p. 131-27f27, 33; Trian: 1333.1.4f19:
 Cl. 1330.23: 1391.52; -(Achnanthes; -Achnanthidium.) Cl. Nav. 2 f. 188:

MULTIARTICULATA, Ag.-Conc. p. 59: K. Syn. p. 45; K. B. p. 73-20f3: Italy:
 K.S.A. p. 55: Prit. p. 374: (A. brevipes, v.)

NEGLECTA, Schum.-Det. Syll. p. 430: - (Achnanthidium.)

OBLIQUA, Turpin Mem. Mus.: -(Non-Diat.)

OBTUSA, E.-Mik. p. 192; Prit. p. 375: Det. Syll. p. 437:

OBTUSA, Schumann.-Det. Syll. p. 479: (Achnanthidium.)

OCTALTERNATA, Turpin Memoires Museum.: -(Non-diatomaceous.)

PACHYUS, Montagne Ann. S. N. Vol. 3 p. 343; Fl. Boliv. p. I: Syll. p. 470: E.
 Abh. Ber. 1339p. 136; 1340p. 3: Amer. pls. I-If16; I-2f28; I-3f32; 2-3f
 31; 3-3f29; K. p. 73-21(2)f3; 29f33; K.S.A. p. 55: Mik. 1353p. 33: R.
 E. D. p. 110: Prit. p. 374; Cl. 1330p. 19: Det. Syll. p. 472: -(A. Indica.)

" forma bacillaris, E.-Det. Syll. p. 473: -(A. bacillaris: A. brevipes, v.)

" var. emiflexa, R. E. D. p. 110: Det. Syll. p. 473: -(Achnanthes g.)

PARADOXA, E.-Abh. Ber. 1345p. 73; K.S.A. p. 56: Prit. p. 375:

R. E. D. p. 112; Det. Syll. p. 437:

PARALBELLA, Gastr., 1371.41-19fII: Det. Syll. p. 436:

PARVULA, K. B. p. 73-21f5; K.S.A. p. 54; Westendorp No. 133: Herb. No. 795:

Prit. p. 374; R. E. D. p. 109; R. D. Ex. No. 3: Forth. Cey. p. 13: Cl. 1330p. 19:

V. u. S. p. 129-23f25-23; T. 232, 233; P. var. p. 53: -(Hyalosira obtusang.) +

PENNIFORMIS, Gr. v.-Trans. B. S. Edinb. 1335.1.433-3fII-13;

Cl. 1330p. 20: Det. Syll. p. 479: -(A. brevipes, var.)

PENNATA, Cl., Vega p. 504-35f2: -(A. brevipes, var.)

PUSILLA, Grun.-Cl. 1330p. 23: V. u. S. p. 127f33, 34:

Det. Syll. p. 435: (A. linearis, var.)

QUADRALTERNATA, Turpin Mem. Museum.: -(Non-diat.)

QUADRILUCA, Turpin Memoires Museum.: -(Non-Diatomaceous.)

RECURVA, E.-Abh. Ber. 1353p. 593: Det. Syll. p. 433:

RHOMBOIDES, E.-Amer. p. 121; Prit. p. 374; R. E. D. p. 110: R. D. Ex. No. 7:

Schum. 1337p. 54: Italy: -(A. ventricosa, K.: -A. brevipes.)

SALINA, K. p. 77-20f5: K.S.A. p. 53; Brev. C. C. p. 14: Prit. p. 373;

R. E. D. p. 111: var. cuneata 1888p. 72 (fragilaria; -A. brevipes, var.)

SALINA, E.-Mik. p. 233: Prit. p. 375; Det. Syll. p. 433:

SERIATA, A.-Conc. p. 50: Det. Syll. p. 433; K. Syn. p. 45; Cl. 1330p. 19:

Det. Syll. p. 474: (A. brevipes, var.) (A. cuneata; -Cymbosira Agardhii.)

var. cuneata, Gr.-Cl. 1330p. 19: -(A. brevipes, var.)

microcephala Herib p. 49: Cl. Nov. 2 p. 188:
(*nov. pachycephala*: - Grun. 1866 p. 23: (A. Exch. n.)

✓ + *minutissima*, Herib p. 49: Cl. Nov. 2 p. 188: - (A. Exch. p.)
✓ " *forma curta*, H. v. H. S. 27 f. 35, 36; - (A. *minutissima*).

+ *pusilla*. (A. Exch. var. p. f.)

✓ *pellucida*.

✓ " *v. Brasiliensis* - Cl. - L. d. vol. 2. No. 17 p. 99-7 f. 15.

✓ *Pera galli*, Dr. Per. - Herib p. 49: (A. Exch. p. f.)

(A. Otrantinum: -Achnanthes coarctata, var.)

+ Subsessilis, Ann. g. 1891 pl. 1 f 6: Herb. p. 47:

" var. incurvata, Botrup Mar. 2. pl. 3 f 1: - (C. [unclear] [unclear])

+ Tacnata Cl. Nav. 2p. 1897 p. 229-2 f 5: Cl. 1897.

+ Trinodis, Cl. Nav. 2p. 190: - (Nav. 7: - Athidium: - Rhodocent.)

> Vaszkanyi, Pant. - L. S. 200 p. 57: (H. [unclear] [unclear] - [unclear] [unclear])

> " var. Oregonica, Cl. - L. S. 200 p. 57-58 (Cl. Nav. 2p. 193)

Chalcididae

Chalcididae, Cl. Nav. 2p. 190: - (Cl. Nav. 2p. 193)

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TRINODE, Arnott.-Prit.p.372-3f9; R.E.D.p.107: New Zealand:

(Achnanthes; -Navicula, w.S.: -Rhoicosneis.)

UNDULATUM, Schum.H.1.p.62-2f23:

(Achnanthes.)

ZELLERI, Kirchner Nach.zur Alg.Wurtemberg 1883p.153; DeT.Syll.p.439:

ACHNANTHOSIGMA.-(Reinhard, 1870)

MERESCHKOVSKI, Reinhard p.298, f1, 2:

(Rhoicosigma.)

ACTINELLA.-(Reinhard, 1870)

BRASILIENSIS, Grun.-V.H.S.pl.35f10: Amazon: DeT.Syll.p.816:

GUIANENSIS, Grun.-C. & M.213; N.L.K.D.p.20-5f53; DeT.Syll.p.816:

V.H.S.pl.35f17, 20:

(Desmogonium?)

MIRABILIS, Grun.-Amazon: V.H.S.pl.35f16: DeT.Syll.p.816:

PUNCTATA, Lewis, N. & I. p.342-1f5; S.G.1867p.153f166, 167: Sm.Sp.T.

sub No.47; V.H.S.pl.35f18, 21: T.274; Wille, pl.37f6-8, 10:

DeT.Syll.p.816:

SCALA, Brun.-Lec.vol.2, no.22, p.229 pl.19f16:

ACTINISCUS.-(Ehrh, 1837)

BIOCTONARIUS, E.-Abh.Ber.1854p.237:

(Bacteriastrum furcatum.)

BISEPTENARIUS, E.-Abh.Ber.1872p.1.6-2f12:

" "

CURVATUS, E.-Abh.Ber.1872p.1.6-2f13:

" "

DISCUS, E.-Abh.Ber.1844p.75: K.S.A.p.141; Mik.pl.21f49; Prit.p.935:

R.E.D.p.324; M.D.pl.43f4: DeT.Syll.p.1001:

DUODENARIUS, E.-Abh.Ber.1844p.199:

(Bacteriastrum.)

EUCALAN, E.-Mik.pl.22f1: DeT.Syll.p.1001:

(Dictyocha.)

HEPTADENARIUS, E.-Abh.Ber.1872p.1.6-2f14: DeT.Syll.p.1001: - Act. 1/2

NOVENDENARIUS, E.-Abh.Ber.1872p.1.6-2f15: K.S.A.p.141; Prit.p.935; R.E.D.p.324:

NOVENDENARIUS, E.-Abh.Ber.1939p.189:

(Bact.varians.)

PENNATUS, Grun.-V.H.S.pl.32b, f11, 12: Brun & T.p.63:

(Bacteriastrum: -Corethron hispidum.)

PENTASTERIAS, E.-Kreid.1840p.69; K.B.p.139; K.S.A.p.141; Mik.pls.

13f61; 19f45; 20-1f43; 33-17f1; 35A-23f1: 36f36; Weisse 1854p.242-

2f2; Gu.p.304-1f1; Prit.p.935; Bailey Coll.: R.E.D.p.324:

(Bact.varians; -Dictyocha.) DeT.Syll.p.1001:

QUINARIUS, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.19f46; Prit.p.

935; R.E.D.p.324: M.D.pl.43f3:

(Bact.varians.)

ROMA, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.21f50; Prit.p.935;

M.D.pl.43f5; R.E.D.p.324: DeT.Syll.p.1001:

SEPTENARIUS, E.-Abh.Ber.1854p.237:

(Bact.varians.)

SEXFURCATUS, E.-Mik.pl.35B-4b, f15: Abh.Ber.1854p.237;

1872p.213, pl.6-2f11:

(Bact.furcatum.)

SILICUS, E.-Mik.pl.1840p.70; K.B.p.139; K.S.A.p.141; Weisse 1854p.244-

2f3: A.S.S.Only 1854p.1; Mik.pls.1859, 30; 33-17f1; T.M.S.1860p.

101-7f14: Prit.p.935; M.D.pl.41f45; R.E.D.p.323; Bailey Coll.:

Wille, p.3019: DeT.Syll.p.1001:

TETRASTERIAS, E.-Mik.pl.1840p.16: K.S.A.p.141; Weisse 1854p.244-2f1:

Mik.pl.1862; Prit.p.935; M.D.pl.43f1: (Bact.varians.) DeT.Syll.p.1001:

VITILUS, Grun.-Grun., in V.H.S.pl.82b, 510:

laucarius, Dr. J. Syl. p. 1001:

> Stella E. Mik. pl. 22 f. 52: Dr. J. Syl. p. 1001: Mik. pl. 18 f. 52
20-1847: 2 f. 52: 2 f. 52: 1847-76

> vicarius E. Mik. Br. 1839 p. 150: 1842 pl. 6. 2 f. 11. Dr. J. Syl. p. 1001:

- , A.J.S. 1842p.93-2f9-II: = *Amundulatus*, Meneg. A.N.D.p.477:
 ABUNDANS, E. - A.Ehrenbergii, 3I rays.)
 ACARNAUR, E. - Abh. Ber. 1843p. 165: (A.E., 33 R.)
 ACHATES, E. (A.E., 102 R.)
 ADAMAS, E. - (A.E., 101 R.)
 AESCHYLUS, E. A.E., 33 R.)
 ALDEBARAN, E. - Abh. Ber. 1840p. 240: (A.E., 34 R.)
 ALEXANDER, E. - Abh. Ber. 1845p. 360; K.S.A.p. 123: (A.E., 51 R.)
 ALIENUS, Grun. - Cl. M. 319; Vega 1.433: Rattr. Rev. p. 602:
 ALIENUS, Rattr. J.Q.C. 1890p. 144; Det. Syll. p. 115: (A. alienus, R.)
 " var. Arctica, Grun. - V.H.S. pl. 125f12; J.Q.C. 1890p. 144; Det. 6. p. 1165:
 " var. Calliostoma, Grun. - V.H.S. pl. 125f10; 125f14: - (A. alienus, R.)
 AMETHYSTUS, E. (A.E., 103 R.)
 ANACREON, E. - (A.E., 33 R.)
 ANCEPS, Fortm. - Cey. p. 63-8f73: Det. Syll. p. 1187;
 ANCEPS, Castr., 1837p. 146-4f1: - (A. oceanicus.)
 ANCORIFER, Schum. 1837p. 66-3f79: (A. arcuatus.)
 ANTARCTICUS, Castr., 1837p. 145: (A. Oliveranus.)
 ANIARES, E. - Abh. Ber. 1840p. 204; K.B.p. 133; Weisse Guano p. 305;
 K.S.A.p. 123: (A.E., 35 R.)
 APELLES, E. - (A.E., 97 R.)
 APOLLON, E. - (A.E., 100 R.)
 APOLLON, E. - Det. Syll. p. 1173:
 APOLLON, Grun. - J.Q.C. 1890p. 131: - (Stictodiscus; -A. stictodiscus.)
 AQUILA, E. - Abh. Ber. 1840p. 204; K.B.p. 133; K.S.A.p. 123: Harting
 Bod. p. 120-3f4, 5: (A.E., 33 R.)
 ARCTURUS, E. - Abh. Ber. 1840p. 204; Jan. Gu. p. 9: (A.E., 37 R.)
 ARCUATUS, Schum. 1837p. 67-3f33; Heaw. 1837p. 139; J.Q.C. 1890p. 137:
 (A. ancorifer.) Det. Syll. p. 1182;
 ARCTURUS, Grun. - M.S. 1832. 93-3f1: (Actino. 6. 12.)
 ASTROLITES, E. (A.E., 104 R.)
 ASTROLITES, Grun. - V.H.S. pl. 125f7, 8: J.Q.C. 1890p. 132; Det. Syll. p. 1167:
 ASTRAL, Grun. - V.H.S. 1875p. 29: Rattr. Rev. p. 601, 601: J.Q.C. 1890p.
 158: Det. Syll. p. 1171. - (A. astral; -Actino. 6. 12; -Coscinodiscus) V.H.S. 124f12.
 " var. 1832, Rattr. J.Q.C. 1890p. 139: Det. Syll. p. 1171:
 BERYLLUS, E. - (A.E., 105 R.)
 BET-EL-GOSE, E. - Abh. Ber. 1840p. 204; K.B.p. 133;
 K.S.A.p. 123: (A.E., 38 R.)
 BIAS, E. - (A.E., 76 R.)
 BIFRONS, Rattr. Rev. p. 600: (Coscinodiscus.)
 BINONARIUS, E. - Abh. Ber. 1840p. 203; Mik. pls. 19f10; 20-1f39; R.E.D.p.
 35f3: Jan. & R. p. 3-3f16; Jan. Gu. p. 9-2a, f3: (A. octodenarius.)
 BIOCTONARIUS, E. - Abh. Ber. 1839p. 133; 1840p. 202; K.B.p. 133; K.S.A.p.
 127: Fort. Cey. p. 63: Mik. pls. 18f18: (A. heteractis; -A.E., 16 R.)
 BISENARIUS, E. - Abh. Ber. 1840p. 202; Kreid. 1840p. 60; K.S.A.p. 127;
 K.B.p. 133; Mik. pls. 13f14; 19f7; 20-1f33; 21f15; 22f16;
 (A. duodenarius; -A.E., 12 R.)
 BISEPTENARIUS, E. - Abh. Ber. 1840p. 203; K.S.A.p. 127; K.B.p. 133; Mik. pls.
 13f16; 19f8; 21f16; Weisse Gu. p. 304; Jan. Gu. p. 9: (A.E., 14 R.)

Alionus, v. *arctica*, *Gran N. E.* pl. 4 f 63; *Cl. R. S. Rep.* 22
(3) kept + p. 18-2 f 11, 12. *Cl. R. S. Rep.* 22

BITERNARIUS, E.-Abh.Ber.1339p.137; Vreid.1340p.57; Mont.Fl.Alp.I.
111; E.1.1.132; K.S.A.p.127;-(A.Ehr., 3 R.) *Handb. d. Bot. 1887/88*
BRYANUS, Part.1.113; 2.1.130001: *Det. Syll. p. 1181*
BREMIANUS, Part.2p.113-3139; J.Q.C.1390p.130: *Det. Syll. p. 1172*
CAGIA, Part.1.1.10-91; J.Q.C.1390p.111; *Det. Syll. p. 1164*
CALLIMACHUS, E.--(A.Ehr., 93 R.)
CANOPUS, E.-Abh.Ber.1344p.26; K.S.A.p.123;-(A.Ehr., 39 R.)
CAPELLA, E.-Abh.Ber.1340p.204; K.S.A.p.135; K.S.A.p.123;
Jan.Gu.p.9: (A.Ehr., 40 R.)
CARBUNCULUS, E.- (A.Ehr., 106 R.)
CERES, E.-Abh.Ber.1340p.200; 2.1.13-1712; 3.1.13-1712; K.S.A.p.136;
K.S.A.p.123; Weisse Gu.p.304; Jan.Gu.p.9;-(A.Ehr., 25 R.)
CHILLO, E.- (A.Ehr., 73 R.)
CHRISTOLITHIS, E.- (A.Ehr., 107 R.)
CIRCUMDATUS, Part.1p.33-3f23;-(A. crassus.)
CLAVIER, Schm.1337p.33-3f35; Hedw.1337p.131;-(A.moniliformis.)
CLEOBULUS, E.- (A.Ehr., 72 R.)
CLEVEI, Casti.1337p.113-116; J.Q.C.1390p.202;-(C. moniliformis.) *Notan. 1887/88*
COMPLANATUS, Casti.1337p.143-4f9; J.Q.C.1390p.135-
11110;-(A. Ralfsii, p.p.) *Notan. 1889p. 743; Det. Syll. p. 1174*
" v. angusta-fasciata, Rattr.-J.Q.C.1390p.136;
" v. latefasciata, Rattr.-J.Q.C.1390p.133;
CONCENTRICUS, Rattr.-J.Q.C.1390p.135: *Det. Syll. p. 1181*
COROLLIS, Casti.-J.Q.C.1390p.133-11113; *Det. Syll. p. 1174*
" v. apiculata, Rattr.-J.Q.C.1390p.134: *Det. Syll. p. 1174*
CRASSUS, W.S.-Prit.p.335; Carr.p.94; O'M.I.D.p.269; Italy: *Det. Syll. p. 1169*
V.H.S.p.215-124f3, 3: Wollp.1.103f1; Villef.p.71: Cl.1391p.37;
(A.subcrassus; -Eupodiscus.)
" v. moniliformis, Ralfs.-Cl.1391p.37;
CROESUS, E.-Abh.Ber.1344p.165;-(A.Ehr., 55 R.)
CRUCIATUS, Schm.1337p.37-3f34; Hedw.1337p.139; J.Q.C.1390p.142: *Det. Syll. p. 1165*
CURVATULUS, Jan.-Atlas 57f31, 32: Wollp.1.94f14;
DAEDALUS, E.- (A.Ehr., 92 R.)
DAVIDUS, E.- (A.Ehr., 53 R.)
DECUSSATUS, Grove in litt.:-(A.confluens.)
DENARIUS, E.-Abh.Ber.1339p.129; p.73; Vreid.1340p.59; Mg.pls.33-16f1;
13f12; 21f12; 22f15; 16.133p.33; K.S.A.p.135; K.S.A.p.127; 13.1.1.
Alg.p.194; weisse Gu.p.304-1f5; 1364pl.1f3;-(A.Ehr., 10 R.)
DENTICULATUS, Casti.1337p.145-115; J.Q.C.1390p.201;-(C. moniliformis.)
DISSEMINATUS, Part.2p.113-3122; J.Q.C.1390p.141;-(A. moniliformis.)
DIVES, E.-Abh.B.1340p.204; K.B.p.134;-(A.Ptolomaeus; -Cyclotella.)
DURIUS, Grm.-M.T.p.1-5-9; A.J.D.1377p.100;-(A. Pankaj.)
EUCLEATUS, E.-Kt.1340p.30; Mg.1339p.33; Mont.Fl.Alp.I.111; V.S.A.
123; K.S.A.p.127; S.S.2.21.33; Jan.Gu.p.3-10, 111; Jan.Gu.p.2-211;
(A.Ehr., 12 R.; -A. bisstratus; -A. moniliformis; -A. Pankaj.)

Ehrenberg's Schmin. - Hedw. 1867 p. 138:

- OEX, E.-Abh. Ber. 1845p. 336; K.S.A.p. 123; - (A.E., 53 R.)
 EHRENBURGII, Schumann 1867p. 3633f32; J.Q.C. 1890p. 197; -(A. monili.)
 EHRENBURGII, Ralfs.-Prit.p. 334; Grun. 1838p. 25; 1873p. 23; 1837p. 31;
 Petit Mirro; Cat. p. 39; Abbe, Rattay; Sm. Sp. 1. 12; Ratt. p. 47; 181.
 1873p. 7; Verrill p. 504, 509; Latt. 1873p. 12; V. 1. S. 1. 215-1247; 1. 116;
 J.Q.C. 1857p. 174; Atlantic City; Ralfs. 1866-201319; 2p. 118; Mobile;
 Italy; Perag. p. 76; Villef. p. 72; Woll. pl. 35f9; A.M.M. 2. 1891p. 2545
 (Actinocyclus, species multae.) De T. Syll. p. 1187.
 var. V. 1. S. 1. 12511; -(A. monilifer) A. Schumacher.
 var. intermedia, Grun.-V. 1. S. 1. 124f5; J.Q.C. 1890p. 131;
 Woll. pl. 35f12;
 ELEGANS, Fortm. Cey. p. 63-3f77; J.Q.C. 1890p. 201; De T. Syll. p. 1188. -
 ELLIPTICUS, Grun.-V. 1. S. 1. 124f10; J.Q.C. 1890p. 192; Woll. pl. 35f1:
 (Cestodiscus ovalis, var.) De T. Syll. p. 1184;
 var. Sendaiana, B.-Brun 1891p. 5-14f3; De T. Syll. p. 1184;
 ELONGATUS, Grun.-V. 1. S. 1. 125f15; Brun & T. p. 33; J.Q.C. 1890p. 193; De T. Syll. p. 1186.
 var. dubia, Grun.-V. 1. S. 1. 125f16, 17; J.Q.C. 1890p. 16, 17; De T. Syll. p. 1186.
 EOS, Willon.-S.C. 1880p. 91; J.Q.C. 1890p. 204; (Shrubsole?) De T. Syll. p. 1187.
 EURIPIDES, E.- (A.E., 33 R.)
 FALSUS, W.S.-Heaw. Vol. 6p. 31 (1867)-teste Grun.
 FASCICULATUS, Cast. 1837p. 144-4f3; J.Q.C. 1890p. 169; Ratt. 1889p. 742; De T. Syll. p. 1156.
 var. Cast. 1887p. 144-4f3; J.Q.C. 1890p. 169; -(A. fasciculatus).
 FLOS, Brun & T. p. 10-9f2; J.Q.C. 1890p. 142; De T. Syll. p. 1164.
 FO-LI-LOT, E.-Abh. Ber. 1843p. 155; -(A.E., 41 R.)
 FORTUNATUS, E.-Abh. Ber. ?-(A.E., 34 R.)
 FULVUS, Ralfs.-Prit.p. 335; O.P.I.D. 1. 239; Fort. Cey. 1. 33; Cl. 1873p. 3;
 Latt. 1873p. 13; Italy; J.Q.C. 1890p. 193; -(A. fulvus; -Eupodiscus).
 FUSCUS, Norman.-Sm. Sp. 1. 11; A.J.M. 1877p. 100; Mobile:
 (A. Ralfsii; -Coscinodiscus Barkleyi & f.) vol. 13, 1875p. 38.
 GRAECORUM, E.-Mia. p. 20-1840; J.Q.C. 1890p. 186-11f3; De T. Syll. p. 1189.
 GUINENSIS, Grove.-J.Q.C. 1890p. 133-11f3; De T. Syll. p. 1182.
 HELVETICUS, Grun.-J.Q.C. 1890p. 204; -(Cyclotella compta, v.)
 HESIODUS, E.- (A.E., 31 R.)
 HETERACTIS, E.-Abh. Ber. 1872p. 12f12, 13; -(A. heteractis; -A. Ehrenbergii).
 HOMERUS, E.-Abh. Ber. 1845p. 360; K.S.A.p. 123; (A.E., 30 R.)
 HORATIUS, E.- (A.E., 90 R.)
 HYACINTHUS, E.- (A.E., 103 R.)
 IASPIS, E.- (A.E., 109 R.)
 IASPONYX, E.- (A.E., 110 R.)
 IMPERATOR, E.- (A.E., 53 R.)
 INCERTUS, Grun.-C. & M. 16; V. 1. S. 1. 123f4; Ratt. Rev. 1. 102;
 J.Q.C. 1890p. 143; Woll. pl. 35f3; De T. Syll. p. 1186.
 INGENS, Rattay. -J.Q.C. 1890p. 149-11f7; De T. Syll. p. 1187.
 INTERPUNCTATUS, Ralfs.-Prit.p. 335; Sm. Sp. 1. 12; A.J.M. 1877p. 100;
 Atlantic City; J.Q.C. 1890p. 203; De T. Syll. p. 1186.
 (Actinoptychus; -Eupodiscus; -Hyalodiscus stellatus;)
 JAMISCHII, Schum. 1837p. 36-3f30; Heaw. 1837p. 133; -(A. sparsus, A. Schumacher).
 JANUS, Rattay Rev. p. 300; -(Coscinodiscus).

moniliformis (L. Katsi, v. indivisa.)

penicillatus, E. M. Pl.

~~HH~~ ~~done~~

- DICTONARIUS, E.-Abh.B.1337p.31; Inf.p.173-2117; Mp.pls.13f10; 20-1f39;
 21f11; 22f14; 1353p.63; Jan.Gl.p.9-28, f5; Fortm.Cey.p.63:
 (A.Ehr., 8 R.: -Actinocyclus; -Eupodiscus crassus.)
 OLIVERANUS, O.M.-J.L.S.1375p.53-1f7; Castr.1337p.154-4f7;
 J.Q.C.1390p.143; Det.S.p.1137:
 (A.Antarcticus & umbonatus; -Micropodiscus; -Podocila.)-
 OMPHUS, E.- (A.Ehrenbergii, 112 R.)
 OMYX, E.- (A.Ehr., 113 R.)
 OPALUS, E.-A.Ehr., 114 R.)
 OPIPARUS, E.- (A.Ehr., 33 R.)
 OPULENTUS, E.-Abh.B.1345p.559; K.S.A.p.123:
 (A.Ehr., 53 R.: -Discoplea.)--
 ORNATUS, Pater.-J.Q.C.1390p.151-1119; Det.S.p.1137:
 ORPHEUS, E.- (A.Ehr., 99 R.)
 OVALIS, Norman.-Cl. & M.No.222; V.1.S.pl.124f11; J.Q.C.1390p.193;
 Det.S.p.1135: -----Gran., 1333pp.25, 103-A.Roperi.)
 PALLAS, E.-Abh.B.1344p.265; K.B.p.134; K.S.A.p.123; E.Hg.pl.
 33-15f2; Jan.Gl.p.9: (A.Ehr., 27 R.)
 PAMELIOS, E.-Abh.B.1340p.360; K.B.p.134; K.S.A.p.123;
 Pl.10p.30: (A.Ehr., 100 R.)
 PARADOXUS, E.-Mik.pl.20-1f41; Abh.B.1375p.33; J.Q.C.1390p.205;
 Det.S.p.1139:
 PARTITUS, Gram.- J.Q.C.1390p.153;
 Det.S.p.1139: (A.Ehr., 111 R.)
 PELLUCIDUS, Castr.1337p.147-29f13; J.Q.C.1390p.199; Notar.1339p.
 744; Det.S.p.1137: (A.Ehr., 112 R.)
 PEPLUM, Br.-Brun 1391p.3-19f5; Det.S.p.1133: (Cestodiscus.)-
 PERIANDER, E.- (A.Ehr., 77 R.)
 PHIDIAS, E.- (A.Ehr., 94 R.)
 PINDARUS, E.- (A.Ehr., 35 R.)
 PITTACUS, E.- (A.Ehr., 74 R.)
 PLUTUS, E.-Abh.B.1345p.360; K.S.A.p.123; (A.Ehr., 59 R.)
 POLYACTIS, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 63 R.)
 PRAXITELES, E.- (A.Ehr., 95 R.)
 PRETIOSUS, E.- (A.Ehr., 37 R.)
 PROCYON, E.-Abh.B.1345p.360: (A.Ehr., 43 R.)
 PRODIGUS, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 63 R.)
 PROSERPINA, E.-Abh.B.1345p.360; K.S.A.p.123: (A.Ehr., 60 R.)
 PRUINOSUS, Castr.1337p.147-1f1; J.Q.C.1390p.199-1115: (A.Ehr., 113 R.)
 p.744; Det.Syll.p.1175:
 " v. minor, Pater.-J.Q.C.1390p.153; Det.S.p.1139:
 PTOLOMAEUS, E.- (A.Ehr., 52 R.)
 PUMILUS, Castr.1337p.147-12f2; J.Q.C.1390p.202; Notar.1339p.744;
 Det.S.p.1133: (Coscinoiscus Antarcticus.)
 PUNCTULATUS, Castr.1337p.146-13f3; (A.moniliformis.)
 PUSILLUS, Gro.-J.Q.C.1390p.133; Det.S.p.1175; (Coscinoiscus.)
 PYRGOTELES, E.- (A.Ehr., 96 R.)
 PYXIECHNICUS, Deby, J.Q.C.1390p.144-11f15; Det.S.p.1135;
 PIXIBICULA, E.-Mik.pl.13f19; J.Q.C.1390p.200: -(Pyxidicula actinocyclus)

Ralfai, S.

v. parvulus, Gn. - V.H.S. pl. 132 f 10:

- QUATERNARIUS, E.-Abh.B.I333p.I29; Pl.p.l.s.2If7; 2f10:-(A.Ehr., 4 R.)
- QUATUORDENARIUS, E.-Abh.B.I340p.203; Mg.pl.33-I3f2:-(A.Ehrb., 14 R.)
- QUINARIUS, E.-Abh.B.I333p.I29; Mg.pl.s.I3f3; 1915; 2f13; 2f11:
Jan.Gu.p.3: (A.Ehr., 5 R.: -Actinoptychus.)
- QUINDENARIUS, E.-Abh.B.I339p.I40; Vr.p.60; Mg.pl.s.I3f17; 1919; 2f17:
Mont.Fl.Alg.p.I95; K.B.p.I33; K.S.A.p.I27; (A.Ehr., 15 R.)
- RADIATUS, Rattr.-J.Q.C.I390p.I6f-IIf6; Del.S.p.IIf2:
- RALFSII, W.S.-Prit.p.335-5f34; Carr.p.94; Eul.S.f.II4; Cl-Java p.5:
O'M.I.D.p.263-27f1; B.S.B.I373p.29; I379p.3; M.T.p.4-3-3; Sr.S.f.I.
I3; Pet.Cat.p.39; Fortm.Cey.p.33; Carp.I33p.I.IIf1; V.A.S.p.2f5-I23f
6; T.5f6-5f3; Atlantic City; Perag.p.76; J.Q.C.I390p.I55; Pant.2p.
II3; Del.S.p.IIf70:-(A. & Coscinod.fuscus; -A.complanatus; -Eupodiscus.)
- " v.Australiensis, Gru.-V.A.S.pl.I24f2,4; J.Q.C.I390p.I57;
Brun & T.p.68; Del.S.p.IIf70:-
- " v.Challengerensis, Rattr.I334p.I42-294; 1919p.II4:
J.Q.C.I390p.IIf7:
- " v.indivisa, Gru.-Weissenberg Coll.: 1919p.II4: (A.moniliformis.)
- " v.Monicae, Gru.-V.A.S.pl.I24f3; J.Q.C.I390p.I57; Wolle pl.
35f13; Del.S.p.IIf1:
- " v.Schubertii, Gru.-V.A.S.pl.II4f1; J.Q.C.I390p.IIf7; 1919p.II4:
- " v.sparsus, Greg.-Prit.p.335; Cl. & M.II5; Pet.Cat.p.I39;
Villef.p.7I: (A. & Eupodiscus sparsus.)
- " v.Yarransis, Cl. & M.II5; A.S.B.I379p.I0I:
- REGULUS, E.-Abh.B.I343p.I67:- (A.Ehr., 44 R.)
- REX, E.- (A.Ehr., 57 R.)
- RIGL, E.- (A.Ehr., 45 R.)
- ROPERI, Kitt.: -B.S.B.I373p.30; I379p.4; V.A.S.pl.I25f5,6:
J.Q.C.I390p.I94;
Rattr.Rev.Occ.p.30; J.Q.C.I383p.9f3; 1919p.II5:
(A.ovalis, Gru.: -A.Ehrenbergii, R.: -Coscinod.ovalis; -Eupodiscus.)
- ROTULA, Br.-Brun I39Ip.6-I7f5a,b; Del.S.p.IIf2;
- SALOMON, E.- (A.Ehr., 79 R.)
- SAPPHIRUS, E.- (A.Ehr., 115 R.)
- SAPPHO, E.- (A.Ehr., 84 R.)
- SARCA, E.- (A.Ehr., 116 R.)
- SARDONYX, E.- (A.Ehr., 117 R.)
- SATURNUS, E.-Abh.B.I340p.203; K.B.p.I33; K.S.A.p.I23;
Jan.Gu.p.9-2a,f1: (A.Ehr., 26 R.)
- SEDENARIUS, E.-Abh.B.I339p.I4f-4fII--Actinoptychus):-- Roperi,
in T.M.S.I354p.74-6f2, I3, I4; S.B.D.2p.33:
(A.bioclonarius; -Actinophænia splendens.)
- SEMOCELLATUS, Schum.I367p.63-3f3I: Leaw.I367p.I39:-(A.moniliformis.)--
- SENARIUS, E.-Abh.B.I337p.3I: Inf.p.I72-2f6; Jan.Gu.p.3-Ib,f7:
(A.Ehr., 6 Rays, & undulatus: -Actinoptychus.)-
- SENARIUS, Harting p.I20-3f3: (A.crassus.)
- SEPTEMDENARIUS, E.-Abh.B.I344p.265; Weisse Gu.p.304; Jan.Gu.p.9:
(A.Ehrb., 17 R.)

subtle,

" for. major, } Ralph { V.H.S. 1253 11"
" for. minor, } { V.H.S. 1253 9."

- SEPTENARIUS, E.-Abh.B.1839p.158; Wr.p.56; Mg.pls.18f9; 20-1f35; 21f
 10: 22f15; 1856p.68; Mont.Fl.Alg.p.194; K.B.p.152; K.S.A.p.127;
 (A.Ehrenbergii, 7 Rays.)
- SIGNATUS, Rattr.-J.Q.C.1890p.163-II f2; Del.Syll.p.II73:
- SIRIUS, E.-Bailey Coll.: (A.Ehr., 46 R.)
- SMARAGDUS, E.- (A.Ehr., 118 R.)
- SOCRATES, E.- (A.Ehr., 73 R.)
- SOL, E.-Abh.B.1840p.203: (A.Ehr., 47 R.)
- SOLOM, E.- (A.Ehr., 71 R.)
- SOPHOCLES, E.- (A.Ehr., 87 R.)
- SPARSUS, Greg.-J.Q.C.1890p.170: Del.S.p.II76:
 (A.Ralfsii, v., & Janischii; -Eupodiscus.)
- SPICA, E.- (A.Ehr., 48 R.)
- SPINOSUS, Brtw.-M.J.1860p.93-3f15; J.Q.C.1890p.200: -(Actinoptychus.)--
- SPLENDENS, Rattr.-J.Q.C.1890p.163-II f14; Del.S.p.II76:
- STELLA-POLARIS, E.- (A.Ehr., 49 R.)
- STICTODISCUS, Gru.-V.H.S.pl.II8f4: -(A. & Stictodiscus appendiculatus.)-
- SUBCRASSUS, Rattr.-J.Q.C.1890p.154: (A.crassus, p.p., & circumdatus.)
- SUBCELLATUS, Rattr.-J.Q.C.1890p.145-II f1; Del.S.p.II63:
 (A.curvatus, p.p.: -Coscinoiscus curvat., var.s.)
- SUBTILIS, Greg.-Ralfs, Prit.p.835; Carr.p.94; Eul.Sp.T.II3; Sm.Sp.T.
 14; Cl. & M.171; A.J.M.1877p.101; B.S.B.1873p.29; 1879p.4; V.A.S.1.
 216-124f7; Cl.Vega p.509; Italy; Pant.Ip.66-14f124; 2, p.II3; Rattr.
 Rev.p.602; J.Q.C.1890p.188; Perag.p.76; Villef.p.72; Wolle pl.35f7;
 Del.S.p.II83: -(A.falsus, tenuissimus; -Eupodiscus s. & Gregorianus.)--
- " v. aperta, Rattr.-J.Q.C.1890p.191; Del.S.p.II83;
- " v. disjuncta, Rattr.-J.Q.C.1890p.190: Del.S.p.II83:
- " v. subdivisa, Gru.-V.H.T.No.520: (A.subtilis.)
- TENELLUS, Cl., Vega p.509; 1873p.13; Neww.Vol.3p.31: -(Eupodiscus.)
- TENUISSIMUS, Cl., 1873p.21-5f34; Cl. & M.149; Grevillea 1873p.71; J.M.
 1879p.135-3f13; V.A.S.1.12312; Wolle pl.123; J.Q.C.1890p.188:
 Del.S.p.II81: (A.subtilis, v.)
- " v. Australiensis, Gru.-V.A.S.pl.125f3: (A.tenuissimus.)
- TERNARIUS, E.-Abh.B.1838p.129-4f11; Mg.pl.22f9:
 (A.Ehr., 3 R.: -A.moniliformis.)
- TERRA, E.-Abh.B.1843p.271; Jan.Gu.p.9: (A.Ehr., 29 R.)
- TESSELLATUS, Ralfs, Prit.p.835; Carr.p.94; B.S.B.1873p.30;
 1879p.6: (Eupodiscus; -Roperia.)
- THALES, E.- (A.Ehr., 75 R.)
- THUMII, Pant.Ip.67; J.Q.C.1890p.193: (Coscinoiscus.)
- " forma bicentralis, Pant.Ip.67-29f300:
- TOPAZIUS, E.- (A.Ehr., 119 R.)
- TREDENARIUS, E.-Abh.B.1840p.205; Mg.pl.18f15; K.B.1.153;
 K.S.A.p.127; Jan.Gu.p.3: (A.Ehr., 13 R.)
- TRILINGULATUS, Brtw.-M.J.1860p.93-5f2, 2a, b; J.Q.C.1890p.200:
 (Actinoptychus; -Schuettia.)--
- TRIRADIALIUS, Roper.-M.J.1853p.23-3f5; J.Q.C.1837p.3; 1890p.200:
 Wolle pl.69f3: (A.undulatus; -Actinopt. velatus & t.)
- TUBAL-CAIN, E.- (A.Ehr., 91 R.)

With Love

ACTINOCYCLUS.--

39--

- TYRTAEUS, E.- (A. Ehrenbergii, 32 Rays.)-
 UMBONATUS, Castr. I337p. I45-4f5: (A. Oliverianus.)
 UNDAIUS, Harting p. II9-3fI3: (Actinopt. undulatus.)
 UNDAIUS, Cl.-J. Q. C. I333p. I71-I3I4; I334p. I32:
 Del. Syll. p. II73: (Coscinoideus.)
 UNDEKATUS, E.-Abh. B. I339p. I33; K. B. p. I39; K. S. A. p. I39-I340; I341-I342; I343p. 63; weisse Gu. p. 304-I34; Jan. Gu. p. 9: (A. Ehrb., 30 R.)
 K. B. p. I33; K. S. A. p. I27: (A. Ehrb., 31 R.)
 UNDULATUS, Bail.-A. J. S. I342pl. 2fII: K. B. p. I32-I324a, b; K. S. A. p. I27;
 Heib. p. 37: (Actinopt. biternarius, biternatus, & a.)
 UNDULATUS, Breb. D. C. p. I3; Roper, Thames; Mull; Girard Ross. pl. 4, fI4;
 Cl. I373p. 2I3; J. Q. C. I335p. 274: (A. senarius, E.)
 URANUS, E.-Abh. B. I340p. 204; K. B. p. I33: (A. Ehrb., 32 R.)
 VENUS, E.-Abh. B. I344p. 265; Mg. pls. 35A-I3f3; 33B-22f7; Jan. Gu. p. 9:
 weisse Gu. p. 304: (A. Ehrb., 30 R.)
 VESTA, E.-Abh. B. I344p. 265; Jan. Gu. p. 9: (A. Ehrb., 31 R.)
 VICINARIUS, E.-Abh. B. I341p. 255; K. B. p. I32; K. S. A. p. I27: (A. Ehrb., 30 R.)
 VIRGILIUS, E.- (A. Ehrb., 39 R.)
 ZEUXIS, E.- (A. Ehrb., 98 R.)
 ZOROASTER, E.- (A. Ehrb., 70 R.)

ACTINODICTYON.-- (Pant. 1891)

- ACTINODICTYON, Pant. 2p. I10-I1I7; Del. Syll. p. I207:--(Actinodictyon)--
 WEISSELOGII, Pant. 3p. -5f34: Del. S. p. I395:--(Actinopt. elegantulus.)---

ACTINODISCUS.-- (Grev., 1863)

- , Rabh. E. D. p. 35:
 ATLANTICUS, K. & S.-T. B. C. Vol. I3p. 72-92f7; Atlas I54fI2; weisse pl.
 33fII; Del. S. p. II34: (Actinopt. tycheus.)--
 BARBADENSIS, Grev.-T. M. S. I333p. 69-4fII; J. Q. C. I337p. 64; Atlas
 I32fI: Del. Syll. p. II34:
 v. Asiatica, Br.-Atlas I73f7: Gloria B. -L. D. 2, no. 22p. 229-23f14: Atlas 202f7.
 GRAYII, Grev.-Atlas I3fII:
 HOROLOGIUM, Br.-L. D. vol. 2, no. 22p. 230-23f13:

ACTINOGONIUM.-- (Ehrb., 1854)

- MULTIRADIATUM, Rattl.-Rev. Cosc. p. 323-3fI5: Del. Syll. p. I423:
 SEPTENARIUM, E.-Abh. B. I347p. 54; I375p. 33-I3f4; Mg. pl. 33f39; M. D. pl.
 43f3; Prit. p. 3I3-5f55: V. A. S. pl. I27f8; Rattl. Rev. Cosc. p. 323: Del.
 S. p. I423: (Inner layer of Asterolampra?)

ACTINOGRAMMA.-- (Ehrb., 1872)

- BROCKEI, E.-Abh. B. I372p. 254: (Asteromphalus; -Asterolampra.)
 JUPITER, E.-Abh. B. I372p. 392-9f3: (A. Brockei.)
 SATURNUS, E.-Abh. B. I372p. 392-9f5: (A. Brockei.)
 SEPTENARIUS, E.-Abh. B. I372p. I3f4: (Asterolampra.)
 SOL, E.-Abh. B. I372p. 392-9f3: (A. Brockei.)
 STELLA, E.-Abh. B. I372p. 36b, f7: (A. Brockei.)
 VENUS, E.-Abh. B. I372p. 392-9f4: (A. Brockei.)---

~~H. H. Chan~~

> Barboi, Brn. - Les. 2 n° 16 p. 72-5 f. 10:

> Lipomys, var. perisetus, Brn. - (Actinophycus p.)

ACTINONEIS. -- (C. L. ... A subgenus of Actinanthus - 1837
HETEROMORPHA, Cl. -- (Actinanthus.)
INOPIATA, Cl. -- (Actinanthus.) - 40-

ACTINOPHAENIA. -- (C. L. ... 1837)
ACTINOPHAENIA, Cl. -- (Actinanthus.)
N. & R. S. p. 35; B. S. B. 1873 p. 30: -- (Actinopt. halionyx, var., & s.: --
A'cyclus. dudonarius, octodonarius, sedonarius, v.)

ACTINOPTYCHUS. -- (C. L. ... 1837? viae mon. 1. 13. 2, 1857 p. 61, 64)
--, Meneg. A. N. O. p. 473: --, Atlas If 10:
--, Atlas If 11: --, Atlas If 12:
--, Atlas I55f8: --, Pant. 2p. 103-121f109:
--; Pant. 3p. 29f293: -- (Denya insignis.)
ADAMANS, Brun & T. p. 10-3f3; Atlas I55f9; Det. Syll. p. 1374;
ADRIATICUS, Grun. 1363p. 130-13f20; V. A. S. pl. 12f4; Atlas I55f14;
Italy: --, V. A. S. pl. 12f2;
" v. Balearica, Grun. - V. A. S. pl. 12f2; Malaisia; Det. S. p. 1332;
" v. pumila, Grun. - V. A. S. pl. 12f3; Det. S. p. 1332;
AFFINIS, A. S., Atlas I52f20:
AMBLYOCEROS, A. S., Atlas If 25; Pant. 1p. 30-13f110; Atlas I55f13; Wollé,
pl. 35f5: (Triceratium a. & Marylandicum: - Schmettia.)
AMBLYOCEROS, Pant. 2p. 103-121f109; Det. S. p. 1332: -- (Triceratium a. & Marylandicum: - Schmettia.)
AMEONE, Br. - Brun & T. p. 11-3f4; Det. S. p. 1379:
ANNULATUS, Wallich. - V. A. S. pl. 124f14: (Schus. Noviz: - Triceratium a. & Marylandicum: - Schmettia.)
" v. minor, Grun. - V. A. S. pl. 124f13;
ANARCTICA, Castr. - De Toni. -- (Omphalopelta.)
ANTISTROPUS, Br. - Atlas I53f11:
APICATUS, E. - Abh. B. 1355p. 301; Mg. 1356p. 33:
ARCULIFER, A. S., Atlas 100f7, 8; Pant. 2p. 103; Det. S. p. 1390:
AREOLATUS, A. S., Atlas If 9; 29f4-3; M. T. P. 4-3-3; Fortm. Cey. p. 39; A. S. p. 1391pl. 2f43; Mobile; Atlantic City; Wollé pl. 35f4; Pant. 2p. 103;
(A. undulatus; - Omphalopelta.) -
ASIATICUS, Brun & T. p. 11-3f9; Atlas I55f5; I55f10; Det. S. p. 1375:
6A. nitidus, var. ?)
ASTER, Brun. - Atlas I73f2;
ATLANTICUS, K. & S. - Atlas I73f5: -- (Actinodiscus.)
BARKLEYI, ? -- (A'cyclus: - Coscinodiscus.)
BIFORMIS, Brun. - Atlas I53f3-3:
BIFRONS, A. S., Atlas 90f6; Pant. 1p. 31-7f59; 2, 1. 103; Notar. 1336p. 306; Det. S. p. 1374;
BISEPTENARIUS, E. - Mik. pl. 33-13f5; Wollé pl. 103f9:
BITERNARIUS, E. - Abh. B. 1343p. 166; Mg. 1344p. 13f20; 33-13f11; 33-13f12;
35A-17f4; 1356p. 33: weisse G. 1. 305-If3; 1354p. 241-If3; Fortm. Cey. p. 39: 33-13f11; 33-13f12; 33-13f13; 33-13f14; 33-13f15; 33-13f16; 33-13f17; 33-13f18; 33-13f19; 33-13f20; 33-13f21; 33-13f22; 33-13f23; 33-13f24; 33-13f25; 33-13f26; 33-13f27; 33-13f28; 33-13f29; 33-13f30; 33-13f31; 33-13f32; 33-13f33; 33-13f34; 33-13f35; 33-13f36; 33-13f37; 33-13f38; 33-13f39; 33-13f40; 33-13f41; 33-13f42; 33-13f43; 33-13f44; 33-13f45; 33-13f46; 33-13f47; 33-13f48; 33-13f49; 33-13f50; 33-13f51; 33-13f52; 33-13f53; 33-13f54; 33-13f55; 33-13f56; 33-13f57; 33-13f58; 33-13f59; 33-13f60; 33-13f61; 33-13f62; 33-13f63; 33-13f64; 33-13f65; 33-13f66; 33-13f67; 33-13f68; 33-13f69; 33-13f70; 33-13f71; 33-13f72; 33-13f73; 33-13f74; 33-13f75; 33-13f76; 33-13f77; 33-13f78; 33-13f79; 33-13f80; 33-13f81; 33-13f82; 33-13f83; 33-13f84; 33-13f85; 33-13f86; 33-13f87; 33-13f88; 33-13f89; 33-13f90; 33-13f91; 33-13f92; 33-13f93; 33-13f94; 33-13f95; 33-13f96; 33-13f97; 33-13f98; 33-13f99; 33-13f100; 33-13f101; 33-13f102; 33-13f103; 33-13f104; 33-13f105; 33-13f106; 33-13f107; 33-13f108; 33-13f109; 33-13f110; 33-13f111; 33-13f112; 33-13f113; 33-13f114; 33-13f115; 33-13f116; 33-13f117; 33-13f118; 33-13f119; 33-13f120; 33-13f121; 33-13f122; 33-13f123; 33-13f124; 33-13f125; 33-13f126; 33-13f127; 33-13f128; 33-13f129; 33-13f130; 33-13f131; 33-13f132; 33-13f133; 33-13f134; 33-13f135; 33-13f136; 33-13f137; 33-13f138; 33-13f139; 33-13f140; 33-13f141; 33-13f142; 33-13f143; 33-13f144; 33-13f145; 33-13f146; 33-13f147; 33-13f148; 33-13f149; 33-13f150; 33-13f151; 33-13f152; 33-13f153; 33-13f154; 33-13f155; 33-13f156; 33-13f157; 33-13f158; 33-13f159; 33-13f160; 33-13f161; 33-13f162; 33-13f163; 33-13f164; 33-13f165; 33-13f166; 33-13f167; 33-13f168; 33-13f169; 33-13f170; 33-13f171; 33-13f172; 33-13f173; 33-13f174; 33-13f175; 33-13f176; 33-13f177; 33-13f178; 33-13f179; 33-13f180; 33-13f181; 33-13f182; 33-13f183; 33-13f184; 33-13f185; 33-13f186; 33-13f187; 33-13f188; 33-13f189; 33-13f190; 33-13f191; 33-13f192; 33-13f193; 33-13f194; 33-13f195; 33-13f196; 33-13f197; 33-13f198; 33-13f199; 33-13f200; 33-13f201; 33-13f202; 33-13f203; 33-13f204; 33-13f205; 33-13f206; 33-13f207; 33-13f208; 33-13f209; 33-13f210; 33-13f211; 33-13f212; 33-13f213; 33-13f214; 33-13f215; 33-13f216; 33-13f217; 33-13f218; 33-13f219; 33-13f220; 33-13f221; 33-13f222; 33-13f223; 33-13f224; 33-13f225; 33-13f226; 33-13f227; 33-13f228; 33-13f229; 33-13f230; 33-13f231; 33-13f232; 33-13f233; 33-13f234; 33-13f235; 33-13f236; 33-13f237; 33-13f238; 33-13f239; 33-13f240; 33-13f241; 33-13f242; 33-13f243; 33-13f244; 33-13f245; 33-13f246; 33-13f247; 33-13f248; 33-13f249; 33-13f250; 33-13f251; 33-13f252; 33-13f253; 33-13f254; 33-13f255; 33-13f256; 33-13f257; 33-13f258; 33-13f259; 33-13f260; 33-13f261; 33-13f262; 33-13f263; 33-13f264; 33-13f265; 33-13f266; 33-13f267; 33-13f268; 33-13f269; 33-13f270; 33-13f271; 33-13f272; 33-13f273; 33-13f274; 33-13f275; 33-13f276; 33-13f277; 33-13f278; 33-13f279; 33-13f280; 33-13f281; 33-13f282; 33-13f283; 33-13f284; 33-13f285; 33-13f286; 33-13f287; 33-13f288; 33-13f289; 33-13f290; 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A.S.1.1344p.1f10; O'M.I.D.p.237; Pant.1.103;

(A.excellens; -A'cyclus.undulatus & s.)

" v.agnarius, O'M.I.D.p.237: (A.agn.)

" v.agnosarius, O'M.I.D.p.237: (A.agnos.)

" v.vicarius, O'M.I.D.p.237: (A.vic.)

SEPTENARIUS, E.-Abh.B.1343; Mg.1353p.33; Jan.Gu.p.10;

SERUBSOLIANA, A.S., Atlas 29f11; 100f3-3; Witt 1335p.17-3f2;

J.Q.C.1335p.172; Pant.2p.103; Det.S.p.1333;

SERUB, A.S., Atlas 11f1; Wollf. pl.3512; Det.S.p.1333;

SERUBI, Grd.-Atlas 130f2; Det.S.p.1333;

SPINIFER, Pant.3p. -4f15,1:

SPINIFERUS, Grd.-V.A.S.pl.12f5,3; Wollf. pl.35f13:-(A.vulgaris,v.3)-

SPINOSUS, Ralfe, Prit.p.340: (A'cyclus.)

SPINULOSUS, A.S., Atlas 155f24;

SPONDENS, Shado.-Prit.p.340; Carr.p.94; London Clay; Dery Polar;

Ret.1340p.10; Grd.1340p.12; Det.Syll.p.1337; 1340p.11; V.A.S.1340p.10;
Wollf.; V.A.S.p.211-119f1,2,3; J.Q.C.1335p.172; 1335p.34; 1335p.35;
Pant.1p.33-13f140; Malaisie; 1; Atlas 155f13; Villef.1.
70; Wollf. pl.92f9; Pant.2p.103; Det.S.p.1335;

(A.splendens; -Actinophacelus.)

" var., A.S., Atlas 155f3,17;

" v.Californica, Grd.-V.A.S.pl.120f1; J.Q.C.1335p.172; Wollf. pl.
92f11; Pant.2p.103; Det.S.p.1333;

" v.cruceifera, Grd.-V.A.S.pl.120f2; Atlas 155f13,19; Det.S.p.1333;
Wollf. pl.92f10;

" v. glabrata, Pant.1p.33-13f153,145; (A.glab.)

" v. halonix, Grd.-V.A.S.pl.119f3; 120f3,3; Malaisie; Villef.1.70;
Atlantic City; Wollf.92f12; Pant.2p.103; Det.S.p.1333:-(A.halonix.)

Ap. leucost.
" var. *nicoebarica*, Gn. - V.H.S. 1234. Det. Syllip. 1386: PRC. Esp. 172.

Snavis. Bn. - Lib. vol. 2, Th. 22p. 236.

- v. nobilis, Pant. Ip. 63-13f147; Det. Syll. p. 1335;
 v. palatilis, Pant. Ip. 63-13f144; Det. Syll. p. 1335;
 STAUBII, Pant. 2p. 103; 3p. -6f33; Det. S. p. 1333 (A. cathartalis.) ---
 STELLA, A.S., Atlas 90f1, 2: 132123; Pant. 2p. 109; Det. S. p. 1390;
 (A. Moronensis, v.) --
 v. Thunii, A.S., Atlas 90f3, 4; 100f3; Pant. Ip. 63-3f35; 2, 1. 109;
 Det. Syll. p. 1390;
 STURII, Pant. Ip. 64-3f31; Notar. 1333p. 310; Det. S. p. 1333;
 SUBANGULATUS, A.S., Atlas 132f11; Det. S. p. 1339;
 SUBTILIS, E. -Ann. Ver. 1721. 113; Det. S. p. 1341;
 SUMATRENSIS, Fortm. -Malaisie; Det. Syll. p. 1339;
 SUMISSIMUS, A.S., Atlas 1f13; Brun & T. p. 33; Det. S. p. 1339;
 (Omphalopelta punctata.)
 SUPERBUS, Bailey Coll.: Det. Syll. p. 1391;
 SUTTORI, Pant. Ip. 64-3f34; Notar. 1333p. 310; Det. S. p. 1373;
 SZONTAGII, Pant. 2p. 109-2f121; Det. Syll. p. 1374;
 v. minor, Pant. 2p. 109; Det. S. p. 1379;
 TENER, Gio. & St. -Atlas 132f12; Det. S. p. 1333 (A. filicollis, v.) ---
 TERNARIUS, E. -Kr. 1333p. 73-4f11g; W.B. p. 134-1f19; W.S.A. p. 130;
 weisse 1354p. 241-1f9a; Prit. p. 339; (A. quinquarius.) -
 TERNATUS, E. -Jan. Grano p. 10-A, f11;
 TRIGONUS, A.S., Atlas 1f24; Woll. pl. 35f11; (Schistocia)
 TRIFOLIATUS, McNeill. -Mobile List: -
 TRIFOLIUM, Brun & T. p. 13-7f3; Atlas 155f12; Det. Syll. p. 1330;
 TRIFURCATUS, Brun & T. p. 13-7f2; Atlas 153f9; Det. S. p. 1374;
 TRILINGULATUS, Brtw. -Prit. p. 340; Atlas 1f20; Fortm. Cey. p. 39;
 Malaisie: (Actinocyclus; -Schistocia)
 TRILUNATUS, Brun. -LeD. No. 121. 174-24f3; Det. S. p. 1375: -(A. maculosus.) ---
 TRIVOLVA, Brun, 139 Ip. 3-11f9; Det. Syll. p. 1331;
 TRUANII, A.S., Atlas 109f14; Det. S. p. 1390;
 v. vittata, Pant. Ip. 63-7f57; Det. S. p. 1390;
 TSCHESHTNOVII, Pant. 2p. 109-17f233; Det. Syll. p. 1373;
 TUBEROSUS, Fortm. Cey. p. 71-3f31; Det. S. p. 1377;
 TURGIDUS, Temp. & Br. -Atlas 173f1;
 UNDULATUS, E. -Prit. p. 339-5f33; Jan. & R. p. 3-3f12; Jan. Gr. p. 10-B, f4;
 2a, f9; M.D. pl. 19f7; Schum. 1337p. 64; R.E.D. p. 35; Gran. 1333p. 25; New
 Zealand; Schm. N.D. pl. 3f29, 30; Floegel, Baltic; Petit Cat. p. 40; Nimrod;
 Deby Polar; Breb. Verm.: Fortm. Cey. p. 39; Cl. Java p. 5; 1373p. 3; 1373
 p. 13; Vega p. 437, 514; Lagr. 1375p. 13; M.T. P. 4-3-2; Malaisie; Mobile;
 Atlas 1f1-4; 109f1; 132f16; 153f25; V.H.S. p. 210-22b, f14; 7. 514; J.
 Q.C. 1335p. 172; Italy; Parag. p. 73; Brun & T. p. 33; Atlantic City; A.
 M.M.J. 139 Ipl. 2f44; Woll. pls. 74f12; 92f4-6; Pant. 2p. 109; Det. Syll.
 p. 1372: (H.S. 122f1, 3: - (Actinocyclus a. & inuatus; -A. biternarius, biter-
 natus, constrictus, denarius, omphalopelta; -Omphalopelta areolatus.) ---
 Ce. 1397p. 19; Can. 1397p. 19;
 v. Barbadosensis, Gran. -Atlas 1f5;
 v. maxima, A.S., Atlas 91f5;

- v. microsticta, Gr. n. - V. H. S. p. 121 f. 4; ~~W. H. S. p. 121 f. 4~~
- v. Montereyana, A. S., Atlas 1 f. 6; Brun & T. p. 63; ~~W. H. S. p. 121 f. 4~~
- v. subtilis, Pant. 2 f. 109; Det. S. p. 1373;
- v. turgida, Brun & T. - Atlas 155 f. 3;
- v. verrucosa, W. & C. Ip. 6-2 f. 8; Wille pl. 73 f. 13; (A. unguiculatus.)----
- VANHEURCKII, Pant. Ip. 64-25 f. 228; Notar. 1333 p. 610; Det. S. p. 1333;
- VELATUS, E. - Ach. Bot. 1341 p. 75; K. S. A. p. 130; Prit. p. 339;
- Det. Syll. p. 1391: (Actinocyclus trilobatus.)---
- VICENARIUS, E. - Ach. Bot. 1341 p. 410; W. H. S. p. 121 f. 4; K. S. A. p. 131; Prit. p. 340; Weisse G. p. 305; O'M. I. O. p. 267; Det. Syll. p. 1391: (A. senariis, var., & splendens.)-

Wiesflogia
 A. V., Atlas pl. 15/12.
 Fortm Ceyl. 70

- Wiesflogia ~~det. W. H. S. p. 121 f. 4~~
- var. australis Gr. n. - V. H. S. p. 121 f. 8;
 - v. designata, Pant. Ip. 65-23 f. 504; W. H. S. p. 121 f. 8;
 - v. heugoni Gr. n. - V. H. S. p. 121 f. 8; Det. S. p. 1335;
 - v. horticola, Pant. 2 f. 109; Det. S. p. 1373;
 - v. virginica, Gr. n. - V. H. S. p. 121 f. 8; Det. S. p. 1335;

Wiesflogia ~~det. W. H. S. p. 121 f. 4~~

- v. heugoni, Pant. 2 f. 109; Det. S. p. 1373;
- v. horticola, Pant. 2 f. 109; Det. S. p. 1373;
- v. virginica, Gr. n. - V. H. S. p. 121 f. 8; Det. S. p. 1335;

Amblyanthura.
Subgenus Anthura: vide Cl. Nav. p. 1312-1893.

Amphidiscus. - (Ehr., 1839.) ~

Amphidiscus 1839: 26. - (Ehr. - *Diadema* acutus.) ~

AMPHICAMP, Ehrh. - 1849?

- BURCKARDII, E.-Abh.B. 1339f.45, 11.2-11f11; Del.S.1.313;
- DIFORMIS, E.-Abh.B. 1339f.45, 11.2-11f13; Del.S.1.313;
- ERUCA, E.-Abh.B. 1339f.44f1.2-11f13; M.11.33-71f; M.O.11.45f11;
Gen. 1332f.343; Del.S.1.312: (A. mirabilis; -Eruca.)--
- GEROLTI, E.-Abh.B. 1339f.45, 11.2-11f15; Del.S.1.312;
- MEXICANA, E.-Abh.B. 1339f.45, 11.2-11f13; Del.S.1.312;
- MIRABILIS, E.-Abh.B. 1339f.45, 11.1b, f11; 1375f.130; M.11.33-71f; Part.
1.735-415; Gen. 1332f.343; M.O.11.45f12: -(Eruca mirifica; -A. eruca)
- MONTZUMAE, E.-Abh.B. 1339f.45, 11.2-11f19, 20; Del.S.1.313;
- OCTONARIA, Rabb.E.O.1.75; Del.S.1.313;
- PAUPERA, E.-Abh.B. 1339f.45f1.2-11f21; Del.S.1.313;
- PORTULACA, E.-Abh.B. 1339f.45, 11.2-11f14; Del.S.1.313;
- PORTULACA, E.-Abh.B. 1339f.45, 11.2-11f14, 20; Del.S.1.313;
- REGLANA, E.-Abh.B. 1339f.45f1.1"b" f3; Del.S.1.312;
- SIBIRICA, Cl.-Detoni Syll.1.312: (Eruca.)

AMPHICA PA, Rabb. 1862

- AEGUATORIALIS, Cleve Java f.12-3f17; Malaisie: (Amphica.)
- ALATA, Rabb.E.O.1.257: (Nov.: -A. amphica.)--
- DUPLEX, Rabb.E.O.1.257; Cl. 1375f.20: (A. amphica.)
- GIGANTEA, Rabb.E.O.1.253: (A. amphica.)
- PALUDOSA, Rabb.E.O.1.253: -(Amphica.)

AMPHIPENTAS. --- (Ehr. 1840)

- , Greg.Verm.1.10, f22: (Amphipentas and amphipentas.)--
- , Menef. A.M.O.1.431:
- ALTERMANS, E.-Amer.p.122, 11.2-3f9; K.O.1.133-29f12; K.S.A.1.104;
D.11.10f11; Prit.1.353-11f32; Jan. & R.1.3-11f; R.E.O.1.319; Del.
Syll.1.911: -(A. tetras. ornata; -Tricentium.)--
- ANTILLARUM, Cl.-Del.Syll.1.911: -(Tricentium.)
- BORYANA, Part.-Del.S.1.912: (Tricentium.)
- CAMPECUANA, Gen.-Del.S.1.913: (Tric.)
- CYCLAMEN, Brer.-Del.S.1.913: (Tricentium.)
- FLEXUOSA, Bailey Mes.; Prit.1.353-3f22; R.E.O.1.319;
Del.Syll.1.913: (Tricentium.)
- GODEFROYI, Gen.-Del.S.1.913: -(Tric.)
- GRANDE, Brw.-Del.S.1.914: -(Tricentium.)
- " v. pentagona, Part.-Del.S.1.914: -(Tricentium.)
- HUNGARICA, Part.-Del.S.1.913: -(Tricentium.)
- GROVEI, Part.-Del.Syll.1.912: (Tric.)
- JIMBOI, Part.-Del.S.1.913: -(Tric.)
- JUNCTA, A.S.-Del.S.1.912: -(Tricentium.)
- " v. fossilis, Part.-Del.S.1.912: -(Tricentium.)
- LALIA, Part.-Del.S.1.911: (Tricentium.)
- LOCZYII, Part.-Del.S.1.912: (Tric.)
- " v. conflens, Part.-Del.S.1.912: -(Tric.)
- MILIS, Grev.-Del.S.1.911: -(A. tetras.; -Tricentium.)--
- MUSA, Bailey.-B.O.N.4.133f.343, f5; Del.Syll.1.913:

Amphipetia

--' Le D. vol. 2, no. 2 p. 172-11f 15: 12f 8:

hungarica, Pant. - Cl. Star. p. 127: - (Berk.) -

Lindheimeri (Spellvar.) - Carp. 1891 pl. 11f 4

micans, Synq. - Cl. Har. p. 126: - (Bongia: - Berk. & m.,
adriatica, pusilla.)
" var. fragilis, Grw. - Cl. Star. p. 126: - (Berk. & m., f.)

pellucida, J. Q. C. 1884 p. 177 f. 6, 3-5 m. Carp. 1891 pl. 11f 4
" var. brasiliensis, Cl. Har. p. 126: - (A. Lindh., pp.)
" v. intermedia, Grw. - Cl. Star. p. 126: - (A. int.)
" v. Lindheimeri, Grw. - Cl. Har. p. 126: - (A. Lindh.)
" v. maxima, H. S. S. - Cl. Har. p. 127: - (A. max.)
" v. Oregonica, Grw. - Cl. Star. p. 126: - (A. Ore g.)
" v. recta, Hutton. - Cl. Har. p. 127: J. Q. C. 1884 p. 177 f. 4, 1 m.
" v. Schumannii, Grw. - Cl. Star. p. 127: - (A. pell. Schum. - A. Schumannii.)
" v. Tremani, V. H. - Cl. Har. p. 127: - (A. pell. var. - A. Lindh., v. Fr.)

rutelans, Trentepohl. - Cl. Star. p. 126: - (Oestrup 1897 p. 31 f. 4. Conferva: - Schiz. Dillwynii;
Berk. & m. - Berk. obtusa var. Adriatica.)
" var. antarctica, H. S. S. - Cl. Star. p. 126: - (Berk. & m., Lindh.,
Harveyana, pusilla.)

SCHUMANNII, Grun.-M.M.J. 1877¹² p. 180; Det. Syll. p. 225: -(*A. pell.*, var.)
 SICHU, Grun. 1851 p. 438; Det. S. p. 226: (Sichuella.)
 SIGMIOIDEA, S.B.D. 11.45-15f128; Breb. D.C. p. 18; M.D. pl. 12f7; Girard
 Ross. p. 12-3f5; Hull; Fortm. Cey. p. 39; Flogel, Baltic:
 (*A. rigida*; -*Nitzschia sigma*, v.)
 TRUBIANA, -Truan 1883: Vide Det. Syll. ^{p. 227} a. *pell.*, var.)
 SULLIVANIA, ?-Det. Syll. p. 227: -(*A. Lindeheimeri*.)
 WEISSFLOTHII, Grun.-M.M.J. 1877¹² p. 180-195f14; Det. S. p. 225; Woll. pl. 3f16;
 Cl. Nav. p. 127: -

AMPHIPLEURA.-----

--, Monog. A.M.D. p. 488: --, Bail., Am. Nat. 1868 p. 510-13f22:
 --, T.M.S. 1857 p. 73-1f39; --, Led. Vol. 2 p. 51-54:
 AMPHICAMPUS, Cl.-De Toni Syll. p. 335: -(*A. gigantea*, var., & *Amphicampa*.) ---
 ALATA, E.-K.B. 1. 107-3f38; K.S.A. p. 93; Britw. Inf. fauna pl. 10f1(3); S.
 B.C. 1. 44-15f124; Fortm.; A.M.N.H. 1856 p. 1; Rabh. Alg. Eur. 74f, 1063 sub;
 Prit. 1852 pl. 10f5, 7; Breb. D.C. p. 18; Bail. M.O. f8-10; Grun. 1830 p. 533;
 Prit. p. 92f-13f5-7; Heib. p. 9f; A.M.N.H. 1835, 3-1f55-58; Carr. p. 113;
 N. & R.S. p. 7f; Roper, Thames; Hull; Eiben, 1870; Woll. pl. 1873 p. 3f;
 Flogel, Baltic; Pet. Nimrod; Sm. Sp. 1. 20; M.T.P. 3-5-5; Cl. 1830 p. 32; V.
 H.S. p. 12f-22f11, 12; T. 195; Dannf. p. 34; Perag. p. 64; Villef. p. 55; Det.
 Syll. p. 33f; Woll. pl. 2f20, 2f; Truan 1835 p. 53-4f3; Malaisie:
 (*A. plicata*, *striolata*; -*Amphicampa*, *Amphitropis*, *Entomoneis*, *Navicula*)
 ANTARCTICA, Grun.-Cl. & M. 125¹² Det. S. p. 343; -(*Tropidoneis*.)
 + ARENARIA, Breb.-Rab. Alg. 2f50; Heaw. 1870 p. 73; Det. S. p. 340;
 BALEARICA, Cl. & M. 154¹² Vega p. 506: -(*A. gigantea*, v. & *A. sulcata*, v.)
 BALTICA, Pfitzer.-Pet. Class. f10; T.M.S. 1877 pl. 187f10: -(*Anomoeoneis*.)
 BISERIATA, O'M.-M.J. 1871 p. 22-3f4; Heaw. 1871 p. 37; Det. S. p. 339;
 BULGARIENSIS, Part. 3f. -42 1877:
 CALUMETICA, Thomas.-Lake Michigan: Woll. pl. 43f22-24;
 Det. S. p. 343: (A. lepidoptera.)
 CAMPECHIANA, Grun.-Cl. 1830 p. 66; Det. S. p. 340;
 CHALLENGERI, Grun.-Cl. & M. 125¹² Cl. 1830 p. 64; Det. S. p. 33f;
 CHINENSIS, Grev.-A.M.N.H. 1835 p. 7-5f13: (A. Sinensis.)
 CLEPSYDRA, Grev.-Trans. Bot. S. Ed. 1833 p. 54f-1f20; Det. S. p. 337;
 COARCTATA, Brun & T. p. 14-3f12; Det. S. p. 340; -(*Auricula*.)
 COMPLEXA, Breb. D.C. p. 18; Greg. D.C. p. 3-4f32; Prit. 1. 922; Carr. p. 113;
 R.E.D. p. 256; Grevillea 1874 pp. 38, 39 cum icone; Malaisie:
 (*Auricula*; -*Palmeria vulgaris*.)
 CONSERTA, Lewis.-N. & R.S. p. 63-1f5; Woll. pl. 107f3, 4: (Amphora.)
 CUSPIDATA, Grev.-T.M.S. 1831 p. 33-10f16; V. U.S. 1. 22(2)f3;
 Woll. pl. 2f13; Det. S. p. 335: Cl. Nav. p. 16: (A. pulchra, v.)
 CUSPIDICOLA, E.-Amer. 1. 122, 11. 2-3f26; K.B. 1. 107-29f34; K.S.A. 1. 93; S.
 B.C. 1. 44-15f123; Prit. 1852 pl. 10f130; 1831 p. 922-12f1; Breb. D.C. p. 18;
 Grun. 1830 p. 533; Heib. p. 9f; R.E.D. p. 253, f30; Hull; Eiben, 1871; Fortm.
 Cey. p. 39; Sm. Sp. 1. 2f; Woll. pl. 2f14, 15:
 (*A. pulchra*; -*Navicula*; -*Stenoneis amphoroides*.)
 CORNUA, W. & Chase 1p. 2-1f6; J.O.C. 1837 p. 73; Det. S. p. 343;
 Det. Cl. 1833 p. 35, Nos. 15, 16:

Q. muhlenbergii (Q. muhlenbergii)

Q. alata, Cl. Nov. p. 15:

" Q. muhlenbergii, Cl. Nov. p. 16.

" Q. japonica, Cl. Nov. p. 13-14.

" Q. pubescens, Cl. Nov. p. 14.

Q. Michauxiana, Grav. - Cl. Nov. p. 17-18: Grav., Edinb. N. H. J. 1863 p. 578-579.

+ deusseni

" septentrionalis - gigantea

1885

+ Deussenii, Cl. Nav. p. 15. Le D. vol. 2, n. 19 p. 146-9 f 10, 11;

+ Elegans (Tropidoneis) Jovan 1885 p. 53-4 f 14;

+ gigantea

" var. squarrosoides Cl. Nav. p. 18. (Cl. helicoides - Stimp n. 1)

" v. decussata, Gr. - Cl. Nav. p. 18.

" " septentrionalis, Gr. - Cl. Nav. p. 18: vest. p. 1897 p. 309 var. obliqua

" " decussata (H. M.) - Cl. Nav. p. 18, (v. decussata pelagica)

" " talitensis, Gr. - Cl. Nav. p. 18.

hyalina, Gr. - A. M. N. H. 1885 p. 6-5 f 11;

+ Kjellmanni

" var. glacialis, Cl. Nav. p. 16. Stimp 1887 p. 109.

" v. hantiana, Gr. - Cl. Nav. p. 16.

" " clausenii, Gr. - Cl. Nav. p. 17.

" " subtilis, Gr. - Cl. Nav. p. 17: (a. Kar. v.)

- 30; V.H.S.p.120-2212, 3; T.197; Shain River; Mobile; Parag.1.35; Del.
 S.p.323; Villef.1.55; Wolle pl.2f3; Truan 13351.53-4f7; Reinhard;
 Malaisie; -(*Tropidoneis*: *Scolistropis*, sp. - (A. Calimetic; - Nav. Arctica.)) --
 " v. pusilla, Gru.-V.H.S.p.120; Del.S.p.323: (A. pusilla.)
 " v. Quarnerensis, Gru.-Cl.1330p.65; Del.S.p.323: (A. Quar.)
 " v. Sarawensis, Gru.-Cl.1330p.65; Del.S.p.329:
 (A.; Killa, var., & Sarawensis: *Tropidoneis* L. var.)
 AFRICA, Gru.-Trans. Bot. S. Afr. 1330p.540-41f19; Del.S.p.337 (Africa.)
 ALGERIA, Cl.1370p.20-3015; 1330p.54; Vega p.477; Nares: Del.S.p.330;
 MARINA, w.S.-Eiben, 1871: -(Amphora.)
 MAXIMA, Greg. D.C.p.35-4f6I; Prit.1.922; Carr.1.113; Jan. & R.1.3-2f4;
 R.E.D.p.255; Cl.1330p.250; Vega p.477; 1330p.55; Lens 21.39, No.91;
 Cl.1370p.5f; V.H.S.p.120-2214, 5; Parag.1.35; Villef.1.55; Malaisie;
 Wolle pl.2f17, 18; Del.S.p.329; -(*Tropidoneis*: (Amphora 30618, 1.1.))
 " v. dubia, Gru. & Cl.-1330p.35-5f39; Vega p.477; Del.S.p.329: -(*Tropidoneis* m. var.)
 MEDITERRANEA, Gru. 1330p.569-5f3; R.E.D.p.255; V.H.S.p.1.22f14;
 Malaisie; Parag.1.35: -(*Tropidoneis* vitrea, v. - *Plagiotropis*: (A. plicata.)
 MEMBRANACEA, Cl. Java p.12-2f18; Del.S.p.336; -(*Tropidoneis*.)
 MEXICANA, Gru.-Trans. Bot. S. Afr. 1330p.577-15f7; Del.S.p.341; *cl. Nav. p. 17*
 MINOR, Greg.-T.H.S. 1357p.75-1f33; Prit.p.922; Carr.p.113; R.E.D.p.
 255; Del.S.p.11.1.342:
 NAVICULIFORMIS, B.-M. 1.1.12; 1.1.13.2-2f19; 3-315a-c; 5-1f10, 11a, b;
 4-2f13; 5-1f10; 13-3130; V.S.A.1.93; Prit.1.923:
 (Navicula semen.)
 NERAEIS, Davis.-T.H.S.1.54-1f6; Wolle pl.107f2; Del.S.p.333; (*n. paludosa*, ?)
 NITIDA, Gru.-Trans. Bot. S. Afr. 1330p.540-41f13; Del.S.p.337;
 NITZSCHIA, O'M.-M.O. 1371p.22-3f2; Neww. 1871p.87; Del.S.p.339;
 NITZSCHIOIDES, Cl. 1370p.20-4f13; Nares; Doby Fold.p.10:
 (Nitzschia amphiprora, Gru.)-
 OBTUSA, Gru.-T.H.S. 1330p.20-1f15; Del.S.p.333; -(*Tropidoneis maxima*)
 OBTUSA, Greg. D.C.1.34-4f30; Prit.1.922; Carr.p.113; R.E.D.p.255; *Scolistropis*
 A. Schum.N.D.1.311; Cl.1330p.65: (Nav. Arctica.)
 ORTUSATA, Gru.-Cl.1330p.63; Del.Syll.p.338;
 ORNATA, Bailey M.O.p.38-2f15, 23; Prit.p.922; Sr. S.1.7.24; V.H.S.p.
 121-22(2), f5; Lake Michigan; Wolle pls.2f12, 13; 43f21; Cl.139Ip.
 54; Del.S.p.335:
 PALUDOSA, S.B.D. Ip.44-3f269; Prit.p.922; Gru.1330p.563; Schum.1362,
 p.190-9f53; Carr.p.113; Eulst. Sp.1.3; N. & R.S.p.66; Rabh. Alg. sub No.
 502; Hill; Sr. S.1.7.25; T. .S. 1377p.1.137f20; Petit Class. f30; A.S.M.
 1877p.101; V.H.S.p.121: T.No.196; Cl.1330p.62; Nares; Vega p.
 477; 139Ip.54; Wolle pl.2f22, 23; Parag.p.64; Del.S.p.331; Dannf.1.
 34; *cl. Nav. p. 14*: *Detr. 1897p.309*: -Amphicaria; -Amphitropis.)
 " v. borealis, Gru.-Cl.1330p.62-4f35; Vega p.477; Del.S.p.331; *cl. Nav. p. 15*:
 " v. duplex, Donk.-V.H.S.p.121-22f15, 16; T.416; Vega p.477: -(Amph. a.)
 " v. hyperborea, Gru.-Cl.1330p.62-5f39; Vega p.477; Del.Syll.1.332;
 > Gru.1334p.54-1f51; *cl. Nav. p. 14-5f86*:
 + " v. Pokornyana, Gru.-Cl.1330p.63; Vega p.477; Del.S.p.332: -(A. Pok.)
 " v. punctulata, Gru.-Cl.1330p.62-4f34; Vega p.477; Del.S.p.332;
 > Gru.1334p.53-1f54; *cl. Nav. p. 15*:

+ *longa*, (Profidoneus.)

longa-punctata Cl. Nov. p. 17-18:

+ *fulvosa*

" var. *H.V.N.S. 22 f 10*: (Cl. Nov. p. 14-15: *Cl. Nov. p. 14*.)

> " *tricana*, *Tr.* - Cl. Nov. 196: Cl. Nov. p. 14:

> " *siensis*, Cl. Nov. p. 14:

> " *latata*, *Tr.* - Cl. Nov. p. 15:

+ " *duplex*, *Tr.* - Cl. Nov. p. 15: - (a. duplex.) *Oestrup* 1897 p. 309:

> " *galina*, *Tr.* - Cl. Nov. p. 15:

> " *galina*, *Tr.* - Cl. Nov. p. 15:

> " *galina*, *Tr.* - Cl. Nov. p. 15: (a. duplex.) *Oestrup* 1897 p. 309:

+ " *galina*, Cl. Nov. p. 15: Cl. Nov. #256:

> " *galina*, Cl. Nov. p. 14-15:

53--

cl. nar.?
p. 29:-7

Ch. nar. }
P. 29. }

rugosa, J. m. l. 1878 p. 242-15 f. 7: D-T 2 p 3-5.

ATLANTICA, Castr.-Det.Syll.p.900:-(Tric.)
BALEARICA, Cl.-Det.S.p.902:-(Tric.)
BASILICA, Bran.-Det.S.p.910:-(Tric.)
BICORNIS, Cl.-Det.S.p.902:-(Tric.)
BIQUADRATA, Jan.-Det.S.p.909:-(Tric.)
BLANDITA, Grev.-Det.Syll.p.905:-(Tric.)
CANALIFERA, Br.-Det.S.p.901:-(Tric.)
COERULESCENS, Pet.-Det.S.p.909:-(Tric.)
CONCILIATA, Pant.-Det.S.p.903:-(Tric.)
CORNUTA, Grev.-Det.S.p.907:-(Tric.)
CRUCIATA, Jan.& R.p.4-If5; R.E.D.p.309; Det.S.p.905;
CRUCIFERA, Wotton.-S.D.1357p.271,f235; Prit.p.353; R.E.D.p.313;
Det.Syll.p.906;
CRUCIFORMIS, A.S.-Det.Syll.p.910:-(Tric.)
CRUX, Britw.-M.D.1359p.131-9f13; Prit.p.353; R.E.D.p.313; Det.S.p.
903:-(Tric.bisilem.)
CULTUS, A.S.-Det.Syll.p.910:-(Tric.)

- CUSPIDATA, Jan.-Det.Syll.p.910:-(Triceratium.)
 CUSPIDATA, Bail.-B.J.N.H.133Ip.331-If2,3; Det.S.p.909:-(Tric.ravis.)
 DISSIMILIS, Grun.-Det.S.p.910:-(Tric.)
 DUTERTREI, Pt.& Temp.-Det.S.p.907:-(Tric.)
 ELEGANS, Grev.-T.M.S.1333p.9-2f24; Wolle pl.34f35; Det.S.p.907:
 FAVOSA, Harv.& B.P.173-9f13; Prit.p.353; R.E.D.p.313;
 Det.S.p.905:-(Tric.)
 GEMMATA, E.-Abh.Ber.1353p.423; Det.S.p.907:
 GRAEFFIANA, Witt.-J.M.G.1373p.39,f2; Atlas 79f1,2; Det.S.p.903:
 Brun & T.p.33;
 GREVILLEI, DeToni Syll.p.903:-(A.parvula,Grev.)
 INCONSPICUA, Grev.-Det.S.p.905:-(Tric.)
 INGLORIA, Grev.-Det.S.p.902:-(Tric.)
 INTERMEDIA, Gro.& St.-Det.S.p.903:-(Tric.)
 JEREMIANA, A.S.-Det.S.p.910:-(Tric.)
 JUNCTA, A.S.-Det.S.p.909:-(Tric.)
 KUSNETZKIANUM, Pant.-Det.S.p.903:-(Tric.)
 LAMPRODICTYA, E.-Abh.Ber.1360p.322; Det.S.p.909:
 LANCEOLATA, Pant.-Det.Syll.p.903:-(Tric.)
 LATA, Grev.-Det.S.p.901:-(Tric.)
 LEPTOPIS, E.-Abh.Ber.133Ip.293; Det.S.p.909:
 MAMMILARIS, E.-Abh.Ber.1372pl.9f9; Det.S.p.909:
 MARGARITIFERA, Cl.-Det.S.p.901:-(Tric.)
 MINUTA, Grev.-T.M.S.133Ip.77-9f11; R.E.D.p.313; Atlantic City;
 Wolle pl.34f10; Det.S.p.904:-(Bidd.decipiens.)
 MORTIMERI, ?; Det.S.p.909:
 NOBILIS, Grev.-T.M.S.1335p.105-9f27:0000
 OCULATA, Grev.-Det.S.p.907:-(Tric.)
 ORNATA, Shaub.-T.M.S.1354p.13-If10; Prit.p.353; R.E.D.p.313:
 Fortm.Cey.p.33; Wolle pl.103f4:
 (A.arisata;-Bidd.:-(Tric.pentacrinus;-4-sided.)
 v.pentagona, Prit.p.353-3f13; S.G.1337p.272,f233:
 PARALLELA, E.-Abh.Ber.1340p.205; Kzeid.p.33; K.B.p.35; K.S.A.p.131;
 E.M.pl.19f20a,b; Prit.p.353; R.E.D.p.313; Det.S.p.903:-(Tric.)
 PARVULA, Grev.-Trans.Bot.S.Ed.1333p.5374ff12; Jan.& R.1.4-If4;
 R.E.D.p.313:-(A.Grevillei.)
 PERRYANA, Truan & W.-Det.Syll.p.907:-(Tric.)
 PETHOEI, Pant.-Det.S.p.903:-(Tric.)
 PRODUCTA, Grev.-T.M.S.1332p.94-9f11; R.E.D.p.313; Det.S.p.902:
 PULCHELLUM, Grun.-Det.S.p.909:-(Tric.)
 PULVILLUS, Castr.-Det.S.p.902:-(Tric.)
 PULVINAR, A.S.-Det.S.p.910:-(Tric.)
 PUNCTATA, Grev.-T.M.S.1332p.94-9f3; R.E.D.p.313; Det.S.p.901:
 (Tric.guttatum.)
 QUADRANGULARIS, Grev.-Det.S.p.904:-(Tric.)
 QUADRICORNIS, Grev.-Det.S.p.901:-(Tric.)
 QUADRINOTATUM, A.S.-Det.S.p.910:-(Tric.)
 RADIATA, Grev.-T.M.S.1332p.23-3f7; R.E.D.p.313; Det.S.p.904:
 RECTANGULARIS, Gro.& St.-Det.Syll.p.903:-(Tric.)
 RIVALE, A.S.-Det.S.p.910:-(Tric.)

Atlas 26 f 40 = *A. orum*, Cl. — Atlas 27 f 9 = *A. proteus*, v. *Contigua*, (Cl.)

" 26 f 111 = *A. orum*, v. *Leyce* — " 39 f 27 = *A. Egeria*; —

" 25 f 76, 77 = *A. bigibba* — " 27 f 51 = *A. Schimistai*; —

" 25 f 85, 86 = *A. sturupha* — " 25 f 5 = *A. unguata*, var. *Eul.* }

" 25 f 4 = *A. majellana* — " 39 f 13 = *A. millera* —

—, vill. f. p. 40-3 f 26: — (*A. Benagalli*, Cl.)

uenta, Gg. — (*A. nobilis*, Gg.)

" var. *arcuata*, A.S.; Cl. Nav. 2p. 128: — (*A. arcuata*.)

" " *labyrinthica*, Gm., Cl. Nav. 2p. 128: — (*A. labyrinthica*.)

AMPHITETRAS.---

- SIDEREUM, A.S.-DeT.Sy71.p.910:-(Triceratium.)
- STURTHII, Pant.-DeT.S.p.903:-(Tric.)
- SUBCORNUTUM, Gran.-DeT.S.p.909:-(Tric.)
- SUBROTUNDATA, Jan.-DeT.S.p.909:-(Tric.)
- TESSELATA, Shadb.-T.M.S.1354p.13-14II: DeT.Syll.p.906:
(A.antediluviana.)
- TETRAGONA, Pant.-DeT.S.p.903:-(Tric.)
- UNGUICULATA, Grev.-DeT.S.p.904:-(Tric.)
- VERSICOLOR, Brun.-DeT.S.p.910:-(Tric.)
- WILKESII, Bailey & H,p.174-9f1,2: Bailey Coll.: DeT.S.p.906:
(Tric.Arcticum.)
- ZONATULATA, Grev.-DeT.Syll.p.900:-(Triceratium.)

AMPHITRITE.-(C.C., 1878)-

- COMPLEXA, Greg.-Cleve 1373p.19:- (Amphipora.)

AMPHITROPIS.-(Pfitz., 1862)-

- , Pfitzer p.94:
- ALATA, Gran.-*involuta* S. + C. 1868 (Amphipora.)
- CONSPICUA, Gran.-
- DECUSSATA, Gran.-
- DUPLEX, Gran.-V.H.S.
- GLACIALIS, Cleve.-
- KARIANA, Cl.-
- KJELLMANNI, Cl.-
- HYALINA, Gran.-
- ORNATA, Gran.-
- PALUDOSA, Pfitzer p.94; Cl. & M.No.256; *disrupta*
- PULCHRA, Gran.-
- STRIOLATA, Gran.-(*in cl. 1862*) (Amphipora.)

AMPHORA.----- (Ehr., 1838)-

- Meneg.A.M.D.p.423: A.M.N. 1.13531.1: *G. m.*
- , Pfitzer p.31-3f49:-(*a. ovalis*) Tanarek p.43:
- , B.S.B.1379p.5, f1-3: Jan.Gaz.pl.22f4-7, 43, 44, 49:
- , Villef.p.40-3f26:-(*a. longicauda*) --, DeLongi Oss.Bac.p.399:
- , A.S.Atlas 25f4, 5, 12, 13, 21, 23, 39, 60, 63, 64, 73, 77, 34-35-36: 26f4, 11, 12, 25, 34, 40, 43, 64, 69, 70, 71, 93-95, 102:
- 27f4, 9, 10, 19, 34, 42, 43, 45, 50, 51, 53, 56, 59-62, 64: 39f13, 14, 21, 22, 27:
- 23f21-23, 23: *Cl. Nov. 2p. 99!*
- 40f24, 34:
- ABBREVIATA, Bleisch.-Rabh.Alg.No.1439; Lens Vol.I, p.31:
(*A.ovalis*, v.: -*A.affinis*, K.)
- ACUTA, Grev.D.C.p.52-5f93; 6f93b: Prit.p.331; Carr.p.101; R.S.D.p. 33: Cl.1333p.237; 1373p.22; Vega p.461; Petit Cat.p.13; Wigel, Baltic; Lagr.1373p.54; Lens II.31-34, No.51; Atlas 26f19, 20; 1322
- Fortm.Cey.p.15; Villef.p.41; Malaisie; DeT.Syll.p.331: *Cl. Nov. 2p. 128*
- " v.neogena, Pant.2p.35; 3p.2. -12f137: DeT.Syll.p.331: *Cl. Nov. 2p. 128*
- Cl. Nov. 2p. 128: Deshay 1897 p.326:*

a. v. ..., En. - Cl. Nav. 2p. 121: - (*a. lineata*, v.)
" var. *sebastriata*, En. - Cl. Nav. 2p. 121: - (*a. lineata*, v.)

sebastriata, Cl. - Le D. vol. 2p. 146-9 figs. 11; Nav. 2p. 118;

Alata, var. *aptera*, Cl. Nav. 2p. 115:

" var. *major*, Cl. Nav. 2p. 115:
amphitritis, Berag. Herb.; Det. S. p. 346: - (*amnicula* n.)

> *andesitica*, Pant. 3pl. 13 figs 25: Cl. Nav. 2p. 141:

angusta, - (*a. eul. v. Foss.*; - *Cymbella marina*:

" *forma minor*, A.S. Atlas 26 figs 66; - (*a. cymbelloides*); -

" v. *oblongella*, En. - Cl. Nav. 2p. 135: (*a. oblongella*:-

a. ang. v. Arctica; *a. exigua*, p.p.: - *a. lanceolata*, v. minor)

" v. *Eulensteinii*, En. - Cl. Nav. 2p. 135: - (*Am. Eul.* - *atla*, 2 figs 53)

" v. *diducta*, A.S. - Cl. Nav. 2p. 135: - (*am. dis.*; - *a. cymbelloides* & *platan*)

" v. *ventricosa*, Gg. - Cl. Nav. 2p. 135: (*a. ventricosa lanceolata*;

" v. *ventricosa*, Gg. - Cl. Nav. 2p. 135: (*a. ventricosa lanceolata*;

Cymbella corymbosa & *marina*,
" v. *incurvata*, En. - Cl. Nav. 2p. 136: - (*a. lanc.* var. *inc.*)

" v. *zebrina*, A.S. - Cl. Nav. 2p. 136: - (*am. zebr.*)

" v. *g. berisima*, En. - Atlas 26 figs 66, 62: - (*a. cymbelloides*).

> *atigui*, Cl. Nav. 2p. 139:

> *arcuata*, Pant. 2p. 35-4 figs 70: - (*A. stabili*)

* *arcus*, Gg. - Cl. Nav. 2p. 127-14 figs 4:

" v. *sinuata*, A.S. Atlas 26 figs 46, 47: [*a. sinuata*] Cl. Nav. 2p. 127:

arenaria, V.H.F. #13:

" v. *Dontinii*, Rab. - Cl. Nav. 2p. 133: - (*a. Dont.*)

" v. *P. Thomsii*, Cl. Nav. 2p. 133: - (*a. Ratt.*) -

ACUTUSCULA, K.B.p.103-5f32; K.B.p.95; Breb.D.C.p.13; Prit.p.332; R.E.D.p.39; Grun.133p.17; Lens 1, No.17, p.33; V.A.S.p.57-1f13; Pant.2p.35; Det.S.p.333; Herib.p.62; (A.coffaeformis, v.: -A.lineata; - *A. striatula* *striatula* *punctulata* *longicauda*)

v.fossilis, Pant.2p.35-2f29; Det.Syll.p.333; - (A.coffaeformis, *punctulata*)

AEGALA, E.-Abh.Ber.1353p.13; 1372p.11f28; Prit.p.335;

Lens 1 p.33, No.73; Det.Syll.p.413;

AFFINIS, K.B.p.107-30f33; K.S.A.p.93; R.S.D.p.31-9f4; Weiss 130p.359-3f22; Prit.p.334; Jan.Gu.p.II; Carr.p.102; Roja, Thanes; R.E.D.p.94; Hall; Cl.133p.237; 1373p.20; Nares; Vega p.490; Eiben, 1370; Nylander, W.: Lens 1, No.69 p.33-3f2; Sm.Sp.T.23; Brun Alp p.54; Dery D.T.: V.A.S.p.1f12; Perag.p.56; Belloc, Luchon; Italy: Wollé pl.9f13; Malaisie; Herib.p.63; (A.abbreviata, arcus, Libyca; -A.ovalis, v., & pediculus, v.)

AFFINIS, Sm.B.D.p.19-2f27;

(A.commitata.)

v.'b', S.B.D.2p.35: -(A.arcus.)

ALATA, Perag.Villef.p.41-2f11; Atlas 25f31; Det.S.p.332; *Cl. nov. 2p.135*

ALVEOLATA, Fortm.Cey.p.19-1f3; Det.S.p.403; - (A.punctulata)

AMPHIOXYS, Bailey M.O.p.39-2f20-22; E.M.135p.33; Prit.p.335; R.E.D.p.93; Lens 1 No.79, p.33; Det.S.p.391; (A.ovalis) (Nitzschia.)

ANGULARIS, Greg., M.J.1355p.39-4f3; T.M.S.1357p.70-1f29; S.B.D.2p.102; Prit.p.331-7f50; R.E.D.p.33; Carr.p.100; Atlas 23f33; V.A.S.p.57; Det.S.p.393; *Cl. nov. 2p.135* 1f21; (A.ovalis.)

v.hybrida, Grun.-V.A.S.p.57; Det.S.p.393; - (A.ovalis)

v.lyrata, Grun.-V.A.S.p.57; Det.S.p.393; - (A.lyrata, 1f13 *A.ovalis*)

ANGUSTA, E.-Me.p.37; 1353p.33; R.S.D.p.33; R.E.D.p.93; E.Nord.pl.2f15; Lens, 1 p.73; (A.gracilis, v.)

ANGUSTA, Greg.D.C.p.33-4f33; Prit.p.334; Carr.p.102; Floegel, Baltic; Lens 1, No.44 p.30-3f3; Camf.p.19-2f10; Atlas 25f9-35.36; Vega p.462; Italy; Vega p.462; Det.S.p.403; *Cl. nov. 2p.135*; *Oestrup 1897p.326*;

v.Arctica, Grun.-Cl.133p.24-1f9; Vega p.462; Det.S.p.403; - (A.ovalis)

v.glaberrima, Grun.-Atlas 25f31, 32; Fortm.Cey.p.13;

v.gracilentia, Grun.-Atlas 25f15; - (A.ang.)

APONINA, K.B.p.103-4f1(5); 5f33; K.S.A.p.93; R.S.D.p.31-9f3; Prit.p.331; R.E.D.p.39; Lens 1, No.53 p.33-3f22; Pa.Cat.p.19; Sm.Sp.T.29; Italy; Shark River; Malaisie; Det.S.p.339; - (Brachysira; -Navicula.)

forma major, Rabh.E.D.p.39;

A. coffaeformis

ARCTA, A.S., Atlas 26f33; Det.S.p.413; *Cl. nov. 2p.136*;

ARCTICA, Grun.-Cl.Vega p.462; Det.S.p.419; (A.Baltica, v.)

ARCUATA, A.S., Atlas 26f27-29; Fortm.Cey.p.17; Wollé pl.9f11;

Det.Syll.p.332; - (A.ovalis)

ARCUS, Greg.D.C.p.50-5f33; M.J.1355p.39-4f4; T.M.S.1357p.74-1f27; S.B.D.2p.102; Prit.p.333; Carr.p.102; R.E.D.p.91; Cl.1357p.337; 1333, p.21; Vega p.462; Floegel, Baltic; Lens 1 No.33 p.97-2f13; Lagr.1370p.53; Fortm.Cey.p.17; Brun & T.p.63; - (A.affinis, v.: -A.ovalis, v.) -

ARENARIA, Donk.-T.M.S.1353p.30-3f13; Breb.D.C.p.13; Verm.p.10; Hall; Prit.p.335; R.E.D.p.95; Carr.p.102; Eul.Sp.T.II; Lens 1 No.37 p.73-2f14; Atlas 40f10, 12; Sm.Sp.T.30; V.T.P.3-I-3; Perag.p.56; Villef.p.40; Pant.2p.35; Malaisie; Det.S.p.403; *Cl. nov. 2p.135*

- > arenicola, Gr. - Cl. Nav. 2p. 104-4f 19, 20:
 (a. marina, Brit.:-
- " var. major, Cl. Nav. 2p. 104:- (a. robusta, p.p. & Lima.)
- " " varicata, Cl. Nav. 2p. 104-4f 21:
- " " subaqualis, Cl. Nav. 2p. 104-4f 22:
- > astuarii, Cl. - Lett. 2 v. 19p. 146-9f 12, 13:-

> baillaris, v. Sestica Cl. Im. #310:- (Am. Bac.) -

> B. chringensis, Cl., Nav. 2p. 102-3f 34, 35:

> biquiblosa, Cl. Nav. 2p. 133: Atlas 46f 14:

+ binodis, Cl. Nav. 2p. 124:

> Bivoluta, Cl. Nav. 2p. 114-3f 36-38:

> Budayana, Pan. 7. 3pl. 23f 336: Cl. Nav. 2p. 141:

> bullata, Cl. Nav. 2p. 119:

> buliminii, Rab. atq. Eur. #1934 (1866). - (a. lineolata E.)

- AREOLATA, Grun.-Atlas 39f23; Wolle pl.4f15; Det.Syll.1.393; *Cl. Har. 2p. 115*;
 v. maxima, Grun.-Led. No. II, p. 156-22f1-4; *Cl. Har. 2p. 115*;
 ARGUS, Pant. 3p1. -22f329; *Cl. Har. 2p. 141*;
 ASPERA, Petit Cat. p. 19-4f9; J.R.M.S. 133p. 240-14f9; Det.Syll. 1.391; *Cl. Har. 2p. 115*;
 ATOMUS, K.B.p. 103-30f70; Prit. p. 335; Lens I p. 33, No. 30; Det.S. 1.413;
 (Frust. pelliculosa; -Navic. a. & semilunum; -Synedra.)
 BACILLARIS, Grun. D.C. p. 55-3f100; Prit. p. 335; Carr. p. 103; R.E.D. 1.95;
 > #logel, Baltic; Lens I p. 33, 3f15a, b; Det.S. 1.409; *Cl. Har. 2p. 115*;
 BALEARICA, Cl.-Cl. & M. No. 154; (A. sulcata.)
 BALTICA, Grun.-Cl. & M. No. 172; (A. arctica.)
 BECCARI, DeNotaris, Erbar. Critt. Ital. No. 663; Notar. 1336p. 135;
 > Det.Syll. 1.413; *Cl. Har. 2p. 141*;
 BELGICA, Grun.-V.H.T. No. 74 sub; (A. ostrearia, v.)
 BERGGRENI, Cl.-N.L.K.O. 1. 14-1f3; Cl. & M. 90; Sm. Sp. T. 310;
 Det.S. p. 403; *Cl. Har. 2p. 134*;
 BICONVEXA, Jan.-Atlas 25f63; Fortm. Cey. p. 13; Det.S. p. 392; *Cl. Har. 2p. 115*;
 + BIGIBBA, Grun.-Atlas 25f65, 67, 69-75; Petit Cat. p. 17; Malaisia;
 > Fortm. Cey. p. 14; Cl. 1373p. 10; Wolle pl. 4f7, 3; Det.S. p. 392; *Cl. Har. 2p. 115*;
 BINOCIS, Grun. D.C. p. 33-4f67; Prit. p. 331; Grun. 1363p. 7; Carr. p. 100;
 R.E.D. p. 36; Sm. Sp. T. 32; Lens I p. 71-1f5; Fortm. Cey. p. 15; Det.S. 1.331;
 > v. interrupta, A.S., Atlas 25f65; Wolle pl. 9f9; *Cl. Har. 2p. 115*;
 BISERIATA, Grun.-T.M.S. 1357p. 71-1f52; Prit. p. 335; Carr. p. 103;
 R.E.D. p. 95; Lens I, No. 27p. 74-2f3; Det.S. p. 379; (A. crassa.)
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 > p. 3; Det.S. p. 415;
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 > v. lineolata, H.L. St. Sp. T. No. 311; (A. Coffaeiformis) (Amphora l., Ehr.)
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- Coffaeiformis* Ag. (A. Taylori, neymani, sponima) -
 " *Bobscow* Küss. D. p. 129-13 f8: -
 " var. *borealis*, K. - Cl. nar. 2p. 121: - (A. salina, var. β , minor. *Floralis*)
 " " *angularis*, T. P. - Cl. nar. 2p. 121: - (A. ang.: - *angularis*, v. *lyrata*: a. *hybrida*,
belloua, v. *lineata*: a. *hybrida*.)
 " " *fossilis*, Pt. - Cl. nar. 2p. 121: - (A. salina, v. *foss.*) -
 " " *hungarica*, Cl. - nar. 2p. 121: - (A. acuminata, v. *foss.*) -
 " " *protracta*, Pt. - Cl. nar. 2p. 121: - (Am. pro.) -
 " " *perpusilla*, Gn. - Cl. nar. 2p. 120: - (A. perp. p. p.) -

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- " var. Gn. - J. Q. C. 1887 p. 131-10 f4: - (A. *Sturki*.)

+ *Costata*, Oestrup 1897 p. 325: Oest. mar. D. p. 410-3 f6:

+ *crassa*, Ag. - Cl. nar. 2p. 109: Flögel Balt. p. 90, f11: Atlas
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" v. *Solswigienis*, Pet. cr. nar. 2p. 109: - (A. Sol.)

" v. *modesta*, Cl. nar. 2p. 109: Atlas 28 f23:

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 Oestrup 1897p.325: (A.salina & gracilis; -Frustulia; -Nav.quadricostata.)
 var. "b" Fischeri, K.B.p.103-5f33; K.S.A.p.94; Weiss 1350 p.1123;
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 (A.coffaeformis & Fischeri.)
 v.acutiuscula, K.-Rabh.E.D.p.39; Italy: (Amphora a.)
 v.exigua, Greg.-R.E.D.p.39; Del.S.p.339: (Amph. h.e.)
 + v.fossilis, Part.2p.36-4f39; Del.S.p.390: - (*A.szaboi*) +
 v.lineata, Greg.-R.E.D.p.39; Italy: (Amphora l.)
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 + COMMUTATA, Grun.-V.H.S.p.58-1f14; T.No.7; Italy; Cl.1391p.53; Part.
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 > forma proboscidea, Greg.-Del.Syll.p.403:
 COMPLANATA, Grun.-Hedw.Vol.6p.25; Atlas 26f45; Sm.Sp.7.612: -(Navicula.)
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 (Amphoropsis; -A.Grevilleana, var.: -A.fasciata, Grev.)
 COMPOSITA, Jan.Gaz.pl.22f23,29; Atlas 26f44; Del.S.p.397:
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 + CONTRACTA, Grun.-Atlas 25f54-57,52; Fortm.Cey.p.15; Woll. pl.9f2I;
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 > *Corinata*, E. Monb. 184 op.10: 163. p.108:
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 + Verm.p.10; Carl.p.101; Hall; Petit, Niroda; Italy; Lagr.1376p.54; R.
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 Woll. pl.9f3: (*A.arenaria*) (A.aren.)
 CRASSA, Greg.D.C.p.52-3f94; T.V.S.1357p.72-1f35; Prit.p.334; Carl.p.
 103; Hall; R.E.D.p.95; Cl.1367p.367; 1363p.237; Vega 11.462, 510;
 Sm.Sp.7.32; Lens, No.3, p.75-2f5; Petit Cat.p.17; Lagr.1376p.52; Italy:
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 v.Campeachiana, A.S., Atlas 23f16; *Cl. Nav. 2p.109*:
 v.minor, Part.2p.36-3f5I; Del.S.p.407; *Cl. Nav. 2p.110*:
 v.punctata, A.S., Atlas 23f30-33; Fortm.Cey.p.16; Villef.p.4I;
 Part.1p.37-3f46; 2p.36; Malaisie; - (*A.arenaria*) (A.aren.)
 vars., Jan.Gaz.pl.22f22,23,30,31,32,34,35. Petit Cat.p.17;
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 Lens Vol.2p.234; Lagr.1376p.52:
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 > CRISTATA, Petit Cat.p.13-4f3; J.R.U.S.1373p.240-1415; Del.S.p.341:
 CRYSTALLINA, E.-Abh.Ber.1340p.10; K.B.p.103; K.S.A.p.95; Prit.p.337;
 R.E.D.p.96; Lens, No.63, p.36-3f37; Del.S.p.417;
 CUNEATA, Cl.-Atlas 39f29; Jan.Gaz.pl.22f32; Del.S.p.397:
 CURVATA, Part.2p.36-1f11: - (*A.commutata*, var. *Fischeri*,
 CYCLOPS, Fortm.Cey.p.22-3f62; Del.Syll.1.405; - (*A.abbura*, K.C.

Cymbelloides, Gn. - Cl. Nav. 2p. 136: -
(*a. angusta*, *rars. minuta* + *glaberrima*.)

> cymbiformis, Cl. Nav. 2p. 136: Atlas 2579:

> nicensis, Cl. Nav. 2p. 108-4f 16-18:

> decussata, var. *nicensis*, Fort. Cl. Nav. 2p. 129-4f 11:

> decussata, var. *nicensis*, Cl. Nav. 2p. 134:
" var. *jamalinensis*, Cl. & Gn. - Cl. Nav. 2p. 134: - (*a. cellata*, var. J.)

> diaphana, Cl. Nav. 2p. 112-4f 27:

Egregia A. *Exornata*, *tristriata* + *zebrata* + *neogradensis*.)

- CYMBELLOIDES, Grun.-Hedw. Vol. 3p. 24; Atlas 25f10, 14; Petit, Nimrou; Lens, p. 37, No. 71; Vega pl. 493, 505; Det. S. p. 399; (Synecelia salpa.)
 v. latior, Grun.-Atlas 25f3; - (A. angusta v. did.)
 v. Mauritania, Grun.-Hedw. 1837p. 25; Det. Syll. p. 399; (A. angusta v. did.)
- CYMBIFERA, Greg. D.C. p. 54-5f97; Prit. p. 332-7f54; Carr. p. 101; Reinhard; R.E.D. p. 90; Cl. 1837p. 663; 1873p. 21; Nares; Vega pp. 493, 510; Lens, No. 63, p. 35-3f23; Danf. p. 19; Petit Cat. p. 19; Lagr. 1876p. 54; Pet. Nimrou; Atlas 25f17-19; 25f33; Fortm. Cey. p. 17; Villef. p. 41; Shark River; Malaisie; Woll. pl. 4f10, 17, 13; (A. did.)
 vars., Jan. Gaz. pl. 22f11, 12; Atlas 25f32-33; Fortm. Cey. p. 13;
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- CZEKENIAZENSIS, Pant. 2p. 36-1f6; Det. S. p. 392; (A. angusta v. did.)
- DEBYI, Fortm.-Ann. Bot. Buit. 1892p. 10-1f4; - (A. Graeffii.)
- DECIPIENS, Grun.-V. A. S. pl. 22(2), f12; Det. S. p. 343; (Amphipora plicata; -Amphoropsis; -Auricular.)
- DECORA, Castr. 1837p. 13-27f14; Notar. 1839p. 631; Det. S. p. 415; (A. angusta v. did.)
- DECUSSATA, Grun.-Hedw. Vol. 3p. 23; M.M.J. 1877p. 195f19; Lens, Vol. 2, p. 73, No. 20; Det. S. p. 373; (A. angusta v. did.) (A. stationiformis.)
- DELPHINA, Bailey.-B.O.N.A. 1862p. 330-1f1; Amazon; Atlas 40f25-27; Lens, No. 22p. 73-1f13; Woll. pl. 4f23, 24; Det. Syll. p. 334; (A. angusta v. did.) (A. angusta v. did.)
- DIDUCTA, A.S., Atlas 25f13; Det. S. p. 402; - (A. angusta v. did.)
- DIGITUS, A.S., Atlas 26f30; Det. S. p. 392; Led. Vol. 2p. 67-10f11-13; (A. angusta v. did.) (Nav. retusa; Pinn. antiqua)
- DIVISA, Fortm. Cey. p. 22-1f15;
- DONKINII, Rabh. E.D. p. 96; Lens, p. 79-3f5, No. 49; - (A. lineolata, Donk.)
- DORSALIS, Cl. & Gro.-Led. No. 11, p. 153-22f13-15; (A. lineolata.)
- DUBIA, Greg. D.C. p. 42-5f76; Prit. p. 334; Carr. p. 102; Atlas 27f20-23; Flögel, Baltic; Lens, p. 30, No. 42; Woll. pl. 4f25, 26; (A. angusta v. did.) (A. marina & spectabilis.)
- EATONIANA, O'M.-M.J. 1874p. 259-3f7; Det. S. p. 413;
- EGREGIA, E.-Abh. Ber. 1841p. 294; 1872p. 12f20; Atlas 25f12-15, 18; 25f21; Fortm. Cey. p. 15; Woll. pls. 3f20, 21; 4f1; Det. S. p. 409; (A. angusta v. did.) (A. angusta v. did.)
- ELEGANS, Greg.-T.M.S. 1857p. 70-1f30; Prit. p. 334; Carr. p. 101; (A. angusta v. did.) (A. angusta v. did.)
- R.E.D. p. 33; Lens, p. 73-1f7, No. 19; Det. S. p. 331; - (A. angusta v. did.) (A. angusta v. did.)
- ELEGANS, Peragallo.-Led. No. 15p. 56-3f19;
- ELLIPTICA, K.B. p. 103-5f31; K.S.A. p. 94; Prit. p. 334; R.E.D. p. 94; Lens, Vol. 1, p. 30, 94; Eib. 1871; Det. S. p. 104; - (A. nana; -Aristida; -Cymbella)
- ELONGATA, Greg. D.C. p. 49-5f34; Prit. p. 334; Carr. p. 102; Lens, p. 76-2f3, No. 30; Breb. Verm. p. 10; Det. S. p. 414; (A. sulcata v. did.)
- EREBI, E.-Abh. Ber. 1853p. 52; M. pl. 35A-23f2; Prit. p. 335; R.E.D. p. 96; Cl. Vega p. 462; Fortm. Cey. p. 13; Lens p. 72, No. 33; Perag. p. 56; Det. Syll. p. 337; (A. angusta v. did.)
- forma cymbifera, Greg.-Det. Syll. p. 337; - (A. cymb., p.p.)
- ERGACENSIS, Greg. D.C. p. 40-4f71; Prit. p. 332; Carr. p. 101; R.E.D. p. 91; Cl. 1863p. 237; Petit Nimrou; Lens Vol. 2p. 35-3f33, No. 64; Perag. p. 64; Det. Syll. p. 337; - (A. macilenta, v.)
- EULESTEINII, Grun.-Atlas 25f1-3; Jan. Gaz. pl. 22f30, 54; Petit Cat. p. 13; Fortm. Cey. p. 14; Woll. pl. 4f22; Det. S. p. 401;

+ eximota, Cl. Nav. 2p. 122-4f2, 3: - (a. cymbifera var.) -
Oestrup 1897p. 325:

+ selecta, Gr. - Cl. Nav. 2p. 116-3f26-29: - (a. milesiana;
a. Kamorthensis, minor) -

+ gas

+ gimbriata, Cl. Gro. - Cl. Nav. 2p. 139:

+ formosa, v. minuta, Cl. Nav. 2p. 138:

+ fusca, ab. - (a. gigantea, var. f.) -

+ gemmifera, Cl. Nav. 2p. 114:

+ gigantea,

" var. fusca, ab. - Cl. Nav. 2p. 106: - (a. fusca.)

" " obscura, Cl. Nav. 2p. 106-4f28, 29: Atlas 28f20:

" " " formosa, var. Cl. Nav. 2p. 106: Atlas 40f28, 29:

+ gracilis

+ forma parva L.H.S. 1f3:

- var., A.S., Atlas 40f35-37;
 v. fossilis, Pant. 2p.36-If3; 3f49; - (*a. angusta*)
 EUNOTIA, Clave 1373p.21-3f17; Nares; Vega p.462; Det. Syll. p.399;
 EUNOTIAEFORMIS, Gr. - Jan. Gaz. pl.22f3; Atlas 39f5; Det. Syll. p.397.
 EUPREPES, Pant. 1p.21-14f123; Det. S. p.406; (*A. crassa*, var.)
 EXCISA, Grev. D.C. p.49-5f35; Prit. p.334; Carr. p.103; R.E.D. p.95;
 Floegel, Baltic: Atlas 39f3; Lens Vol.2, No.25, p.75-2f14; Shark River:
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 EXIGUA, Grev. D.C. p.42-4f75; Prit. p.332; Carr. p.101; Malaisie;
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 EXORNATA, Jan. Gaz. pl.22f56, 57; Atlas 39f27; Cl. 1373p.9; Malaisie:
 Det. Syll. p.410;
 + EXSECTA, Gr. - Atlas 27f54, 55; 39f4; Wollé pl.3f15; Det. S. p.397;
 FALLAX, Bran & T. p.14-7f13; Det. Syll. p.417;
 FARCIMEN, Gr. - Atlas 27f57; Wollé pl.4f2; Det. S. p.413;
 FASCIATA, E. - Abh. Ber. 1340p.11; K.B. p.103; K.S.A. p.95; Prit. p.335;
 Lens Vol.2p.33, sub No.7 - (*A. hohneckeri*): ----- Grev. D.C. p.51-5f91;
 Carr. p.102; R.E.D. p.96; Cl. Vega p.462; 1373p.21; Villef. p.41;
 Lens Vol.2p.77, No.32 sub; Malaisie: - (*A. complexa* & *Grevilleana*). -
 FISCHERI, Rabh. S.D. p.31-9f7; Lens Vol.2p.32, sub No.55 - (*A. coffaeiformis*,
 var.): ----- Neupauer Asatag. pl.2f32: - (*A. striolata*, Part.)
 FLEXUOSA, Grev. - Trans. Bot. Soc. Ed. 1353p.575-15f4; Atlas 25f32; Lens, Vol
 2, p.70-1f5; Wollé pl.9f10; 112f12; Det. S. p.373; - (*A. hohneckeri*)
 FLUMINENSIS, Gr. - 1353p.143-13f15; R.E.D. p.90; Atlas 25f24; Italy:
 Lens Vol.2, No.84 p.61-3f25; Malaisie; Det. S. p.333;
 FORMOSA, Jan. Gaz. pl.22f2, 3; Atlas 27f53; 23f3, 34; 39f2; Fortm. Cey. p.
 + 21-2f13; Wollé pl.4f33, 34; Det. S. p.397; Atlas 39f9; Cl. 1373p.13f11; Cl. 1373p.13f11;
 FOSSILIS, Pant. 2p.36; Det. Syll. p.413; - (*A. angusta*)
 FURCATA, Fortm. Cey. p.20-1f11; Cl. Vega p.493, 510; Det. S. p.402;
 J.Q.C. 1337p.72; (*A. spectabilis*). ----
 FUSCA, A.S., Atlas 27f63; Fortm. Cey. p.19; Wollé pl.9f7; Det. S. p.410;
 GIBBA, A.S., Atlas 39f32; Wollé pl.9f13; Det. S. p.413; Cl. Nan. 2p.140;
 + GEMMIFERA, Petit, Cap Horn p.120-10f13; Notar. 1333p.611; Det. S. p.337;
 GIGANTEA, Gr. - Atlas 27f46, 46x, 67; Wollé pl.9f20; Malaisie;
 Pant. 2p.36; Det. Syll. p.409; Cl. Nan. 2p.105
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 GIGAS, E. - Mg. pl.3-2f13; Abh. Ber. 1370p.12-1f59; Prit. p.335; R.E.D. p.
 96; Lens Vol.2p.11.73, 30, sub Nos.22, 45; Wollé pl.5f4; Det. S. p.419;
 (*A. ovalis*).
 GLOBOSA, Schum. 1357p.55-1f24; Det. Syll. p.400; - (*A. ovalis*, var. "d");
 GLOBULOSA, Schum. 1357p.55-1f25; Atlas 23f100; Lens Vol.2, p.30,
 No.45-2f19; Gallik, Papan; Det. S. p.400; - (*A. ovalis*). -
 v. perpusilla, Gr. - V.4.S. pl.1f11; - (*A. perpusilla*). -
 GRACILIS, E. - Amer. pl.3-1f43; Abh. Ber. 1341p.410; Mg. pl.37-3f1; K.B. p.
 103-29f29; K.S.A. p.94; R.S.D. p.31-9f2; Amazon; Prit. p.334-12f23; R.
 E.D. p.94; Schum. 1352p.133-3f57; H.T. p.65; R. Alg. Nos.565, 741b; Lens
 Vol.2 No.73, p.87-3f35; Atlas 27f97, 101; Italy: Pera.
 pp.56, 63; Gallik, Papan; (*A. ovalis*, "b").
 var. "b", angusta, E. - Abh. Ber. 1345p.360; K.S.A. p.94; R.E.D. p.94;
 Atlas 25f9; (*A. angusta*). --

- Gracilis, Cl. Nav. 2p. 113: Atlas 2875 (a. trunc.) - (A. Bridg.)

" var. thamnochloa, Cl. Nav. 2p. 113:

> Granulifera, Cl. Nav. 2p. 116 - 3f 32-33: vide Cl. Nm. #147:

+ Gracillanra, Ig. - (a. sulcata, p.p.) - Gracillan, Gn. in At. 3 - A. sepulta &

Sumatrensis: -

" var. Contracta, Cl. Nav. 2p. 113: Atlas 4073.

> Groenlandica, Cl. Nav. 2p. 128 - 4f 1: Oestrum 1897p. 321:

+ Gracillanra

" var. approximata, Cl. Nav. 2p. 112:

" " robusta, Cl. Nav. 2p. 112:

> Gunnovii, a. l. Atlas probet. f 15: Cl. Nav. 2p. 123:

+ Hohenackeri, (A. veneta)

> Hemicola, v. calderianum, Gn. - Cl. Nm. #191 sub; - (A. Normani.)

+ Hyalina, K. -

7 " v. parvula, Gn. - Rath. Alg. Eur. #1722: Cl. Nav. 2p. 119:
(A. veneta.) -

> inlegans, var. polita, Cl. Nav. 2p. 116 - 4f 40:

Cl. Nav. 2p. 110 - 4f 35-38:

GRAEFFII, Grun.-Atlas 25f42: Petit Cat.p.18: Det.Syll.p.393: +

" var., A.S., Atlas 25f40: -(A. graeffii)

GRANULATA, Greg.D.C.p.53-5f95: Prit.p.332; Carr.p.101; R.E.D.p.91:

Cl.1357p.33: 1358p.237; 1372p.20; Flogel,Baltic: Atlas 27f55; Lens,
Vol.2 No.35, p.35-3f1; Fortm.Cey.p.13; Carr.f.p.20; Reinhard; Malaisie;
Pant.2p.37; Wolle pls.3f6; 4f53: Cl. Nav 2p.123: (A. lineata.)

GREGORII, Ralfs, Prit.p.333; Carr.p.102: R.E.D.p.93; Italy:

Lens, p.77, No.3: Det.S.p.396: (A. quadrata.)

GREVILLEANA, Greg.D.C.p.50-5f39; T.M.S.1357p.73-1f36; Prit.p.333;

R.E.D.p.93; Carr.p.102; Grun.1358p.17; Flogel,Baltic; Lapp.137p.53;
+ Atlas 25f41; Lens p.77, No.32 pl.2f9; Cl.Vega p.452; wolfe pl.4f23;
Villef.p.41; Det.S.p.393: Cl. Nav 2p.112: (A. grevilleana)

" v. Campechiana, Grun., Atlas 25f45; Det.Syll.p.393: -(A. grevilleana)

" v. complexa, Greg.-R.E.D.p.93: -(Amph.c.)

" v. fasciata, Greg.-R.E.D.p.93; -(Amph.f.; A. grevilleana)

" v. prominens, Grun., Atlas 25f43, 44; Det.S.p.393: -(A. grevilleana)

GRONNI, Cl.-Det. No. 11p.151-2f11; 17: Cl. Nav 2p.112

+ GRUNDLERI, Grun., Jan. Gaz. pl.22f53, 59; Atlas 23f24-27; 39f25;

Fortm.Cey.p.16; wolfe pl.4f33, 39; Pant.2p.37; Det.S.p.409: Cl. Nav 2p.112:

" v. trachyta, Pant.2p.37-7f132; Det.S.p.409: Cl. Nav 2p.112:

HEMISPHERICA, Grun., Hew. Vol.6p.24; Lens, p.74 sub No.24:

Det.S.p.396: (A. galina.)

HEVESSENSIS, Pant.2p.37-2f52; 3f46; 4f63; Det.S.p.391: -(A. galina)

HEXAGONALIS, Witt, J.M.G.1372p.55-3f12; Det.S.p.331: -(A. galina)

HIANS, Flogel p.33 f7; Lens Vol.2 p.233-4f1; Hew.1373p.99:

Det.S.p.332; Cl. Nav 2p.104:

HOMENACKERI, Ralfs, S.D.p.31-9f11; Prit.p.334; R.E.D.p.93; Lens.2, No.

76, p.33-3f36: Det.S.p.400: -(A. fasciata, E.: -A. quadriricostata & tumida.)

+ HUMICOLA, Grun., Atlas 25f90-92: Cl. & M.237; V.1.5. pl.1f12: -(A. Normanii.)

" v. javanica, A.S., Atlas 26f37-39: -(A. Normanii)

HYALINA, K.B.p.103-30f13; K.S.A.p.94; S.B.D.1p.19-2f23; Breb.D.C.p.

18; Prit.p.334-7f53; Heib.p.III; Hull: Carr.p.102; R.E.D.p.94; Eiben,

1371; Lens, p.74-2f2, No.24; Sm.Sp.T.314; Atlas 26f52-55; Cl.Vega p.

461; wolfe pl.9f2; Villef.p.40; Det.S.p.400; Parag.p.56; Trib.p.34:

(A. hemisphaerica.) > E. 7m p.35: Cl. Nav 2p.112

HYBRIDA, Grun.-V.H.Type No.12: (A. angulata, v.)

HYPERBOREA, Grun.1334p.3-1f10; Det.S.p.411: (A. complexa)

INCERTA, A.S., Atlas 40f1; Pant.2p.37; Det.S.p.413: (Amicula.)

INCISA, Greg., M.J.1355p.39-4f5; S.B.D.2p.102: (A. ovalis.)

INCURVA, Greg., M.J.1355p.39; Prit.p.335; Lens p.70 sub No.36:

(A. pellucida: A. lineolata, E.)

+ INELEGANS, Cl. & Gro.-Led. Vol.2p.63-10f15: Cl. Nav 2p.111:

INFLATA, Grun., Atlas 25f29, 30; Fortm.Cey.p.14; wolfe pl.4f12, 13;

Villef.p.39; Det.S.p.393: -(A. costata)

INFLATA, B.E.S.-Lens, p.73-2f13, No.33; Det.S.p.417; Cl. Nav 1p.101:

(Amphipleura; -Okedenia: Amphipleura of K.)

INSECTA, Grun., Atlas 40f2, 3; Det.S.p.413: (Amicula.)

INTERLINEATA, Gro. & St.-J.1.1.1357p.131-102; Notul.1357p.309;

Det.Syll.p.391:

INTERRUPTA, Pant.1p.21-15f134:

(A. octoculata, v.)

+ intersecta,
" var. Sarmatica, f. - ... 124: - (Am. Soc.)

> juvenalis, Pant. 3 pl. 13 f 149: - (a. acutiuscula)

Lamorthensis, v. minor, - (a. acutiuscula) -

+ laevis, (cf. a. nobilis). -
" v. laevissima, Gg. - Cl. Nav. 2 p. 130: - (a. laevis). -
" v. minuta, Cl. Nav. 2 p. 130: (u. laevis, Sm. # 615?) -
" v. perminuta, Gm. - Cl. Nav. 2 p. 130: - (a. laevis, v. permin.) -

Lugerheimii, Cl. - Let. 2, no. 17 p. 99-7 f 2: Cl. Nav. 2 p. 118;

Linna, A.S. Atlas Probetaf. f 14: - (a. mexicana?) -

INTERSECTA, A.S., Atlas 25f37, 38; Det. Syll. p. 393: Malaisie:

Pant. 3p. 7. - 12f190: *Cl. nan. 2p. 124:*

v. striata, Pant. 21. 22-17f115; Bot. 1. 133p. 434: Det. S. p. 393: *Cl. nan. 2p. 124:*

INVIDIENDA, Pant. 3p. - 10f190: *14f210: Cl. nan. 2p. 141:*

JALALINENSIS, Grun. - Cl. 133p. 24-115; Det. S. p. 391: (A. 3p. 112, v.)

JANISCHII, A.S., Atlas 25f51-53, 40f30-32; Jan. Gaz. 1. 22f33-42:

Sm. Sp. T. 32: Det. S. p. 413: *Cl. nan. 2p. 115:*

JAVANICA, A.S., Atlas 27f27-35; 28f7-II: Det. S. p. 410: *Cl. nan. 2p. 115:*

JESCHKEI, Janisch Gaz. 1. 22f19; Atlas 39f14; Det. S. p. 413: *Cl. nan. 2p. 115:*

KAMORTHENSIS, Grun. 133p. 99-12, f12; Lens Vol. 21. 72-11f12, No. 17:

Det. S. p. 379: *Grevillea Vol. 1p. 75-11f12* (A. v. 112, 1. 1.)

KARIANA, Cleve 133p. 24-1f7; 133p. 54-4f74;

Det. Syll. p. 405: (A. proteus, v.)

KINKERI, Pant. 3p. 7. - 24f357;

KITTONI, Fortm. Cey. p. 19-1f7; Det. S. p. 378:

KOSSUTHII, Pant. 3p. 7. - 10f159: *Cl. nan. 2p. 115:*

LABUENSIS, Cl. Vega p. 493-35f1; J. O. C. 133p. 323; Grun. & T. p. 33: *Cl. nan. 2p. 115:*

v. fusiformis, Fortm. - Ann. Bot. Brit. 1392p. 12-1f5:

LABYRINTHICA, Grun. - Cl. 133p. 25: Det. S. p. 382: *(A. acuta, v.)* (A. ostraria, v.)

LAEVIS, E. - Mik. p. 192: *Det. S. p. 382* - - Gr. D. C. p. 42-7f74: Prit. p. 331;

Carr. p. 101: R. E. D. p. 37: Florel, Baltic; Lens p. 70-11f1; No. 2: Sm. Sp. T.

33; Atlas 26f3-10: Dannf. p. 20-2f5; Lagr. 1376p. 51; Cl. Vega p. 431;

Wolle pl. 3f22; Shark River; Malaisie; Det. S. p. 380: *Cl. nan. 2p. 115:*

var., Cl. 133p. 24-1f8; - *(A. laevis)*

LAEVISSIMA, Gr. D. C. p. 41-7f72; Prit. p. 331; Carr. p. 101; R. E. D. p. 37:

Florel, Baltic; Atlas 26f13, 14; Sm. Sp. T. 315; Lens, p. 73-11f14, No. 31:

V. A. S. p. 53-11f15; T. No. 3; Cl. Vega p. 431; Shark River; Malaisie;

Wolle pls. 4f3-6; 9f4; Det. S. p. 377: *(A. laevis, var.)*

v. perinata, Grun. - V. 1. Type No. 9 Det. S. p. 377: - *(A. laevis, v. parina)*

LANCEOLATA, Edwards. - B. O. J. 1. 1, February, 1870:

LANCEOLATA, Cl. 133p. 337-23f2; 133p. 237; 1373p. 21: Vega p. 431;

Nates: M. J. 1374p. 253-3f3; Reinhard; Atlas 25f3: Wolle pls. 4f15;

31f11; Shark River; Det. S. p. 393: - *(A. angustata, v. inc.)*

v. incurvata, Br. - Brun 1391p. 3-12f3: - *(A. angustata, v. inc.)*

v. minor, Cleve, Vega p. 432; Det. S. p. 393: - *(A. angustata, v. inc.)*

LEIGHSMITHIANA, O. M. - M. J. 1374p. 239-3f3; Cl. Vega p. 432; Nates: (A. 112p. 11)

LEUDUGERIANA, Petit, Cap. 101. 1. 119-10f13; Det. S. p. 399: *Cl. nan. 2p. 115:*

LIBYA, E. - Ach. Ber. 134p. 11; Amer. p. 19. 3-11f2; 3-7f17; Mp. p. 18. 5-11f2;

5-3f24; 5-11f29, b; 7-11f12, 27; 10-2f17; 13-11f20; 13-2f13; 11f13; 11A,

f57a-c; 17-2f20; 33-11f1; 34-3a, f1; 34-5b, f2; 35A-7f1; 37-11f1; 39-3f2;

Mp. 1356p. 33; A. Ber. 1370p. 73, 1. 2-1f39; Nord. p. 1. 21f14; V. B. p. 107-29f26;

V. S. A. p. 93; R. S. O. p. 31-9f3; Bail. M. O. p. 1. 2f12; Prit. p. 333-12f33;

Weisse G. p. 305-11f11; 133p. 1. 1f11; Nylandt, n.: R. E. D. p. 92; S. S. p. 3.

34; Kirch. Alg. Schl. p. 190: Atlas 25f102-105; Wolle pls. 31f14; 4f14;

Gallik, Papan; Det. Syll. p. 334; (A. affinis; - A. ovalis, v. 112p. 11)

forma minor, Gutwinski Gal. Vol. 21. 26: Det. Syll. p. 335:

v. interrupta, Pant. 21. 37-2f23; Det. S. p. 335: - *(A. ovalis, var. 21. 37)*

LINA, Pant. 21. 37; 3p. 7. - 23f347; - *(A. angustata, v. inc.)*

LIMBATA, Cl. & Gr. - L. 3. 1. 11. 159-23f1, 2: *Cl. nan. 2p. 115:*

LIMPIDA, Jan. Gaz. 1. 22f12, 23; Atlas 39f3; Det. Syll. p. 397:

+ lineolata, C. - (a. plicata, te ra, ly ca na, la ch le i, au le ta, te nu is.)
" v. chinensis, Ad. - Cl. Nav. 2p. 126: (am. Chi.)

" v. undulata, H. B. S. - Cl. Nav. 2p. 126: - (am. undata.) -

> lunata, Oestrup 1897 p. 324: Oestr. Mar. D. p. 411-345:

> lunulata, Cl. Nav. 2p. 129-4f 13:

maculata,

" v. ergadensis, G. - Cl. Nav. 2p. 122: - (am. Erg.) -

+ maendrina, Cl. Nav. 2p. 127-4f 14:

+ magellanica, Cl. Nav. 2p. 136: Atlas 254:

" v. ..., Cl. Nav. 2p. 117-3f 30, 31:

+ marina, W. Sm. - M. J. 1858 p. 206: - (a. protensis): - Oestr. 1897 p. 324:

" var. arenicola, G. - Cl. & M. #310: - (am. arenicola.)

mexicana, Oestrup 1897 p. 324:

LINEATA, Greg. D.C.p.40-4f70; M.J. 1357p.71-If32; Breb. D.C.p.13; Carr. p.322; Carr.p.101; Reinhard Floz. 1, Baltic: Lens, Vol.21.32-3121, No. 54; Petit, Nimba; Cat.p.19; Cl. & M. 135; Vega p.461; Nares; J.P.V.S. 1379p.377; Atlas 26f59, 32-35; 27f15; Grun. 1373p.3; Nimba; Villef. p.40; Gallik, Papar; Wollé pl.9f15-17; Pant.2p.37; Det.Syll.1.333; Malaisie:-(A.coffaeiformis, v.: -A.proboseidea, v.: -acutiuscula.)

• v.constricta, Grun. 1373p.105; Det.S.p.339; (A. constricta, v.)

• v.subconstricta, Grun. 1373p.105-3f5; Det.S.p.339; (A. subconstricta, v.)

LINEOLATA, Donk.-M.J. 1351p.12-If13; (A. lineolata, v.) (A. Donk. 111.)--

LINEOLATA, E.-Inf. 1.133-14f4; Amer. pl. 1-3f12; Mg. pl. 13-If19; V.B. 1. 107-5f34; V.S.A.p.94; R.S.D.p.31-If9, 10; Breb. D.C.p.13; Fresenius 1. 72-4f47, 48; Lens, p.74-If22, No.23; R.E.D.p.92; Atlas 26f51; Sm.Spl. 1. 35; Grun. 1373p.3; Italy; Cl. 1330p.24; Vega p.461; V.A.S.p.57-If13, 23; T.No.6; Hoffmann, Marburg; Wollé pl.9f5; Perag. p.56; Det.S.p.394; (A.bullosa, coffaeiformis, tenera.) Cl. Nav. 2p.120;

LIOCOCCA, E.-Abh. Ber. 1358p.595; Det.S.p.413;

LITTORALIS, Donk.-T.M.S. 1353p.30-3f15; Prit. p.331-7f32; Mill; Carr. p.101; R.E.D.p.39; Lens, p.72-If15, No.19; Atlas 26f15; Malaisie; Det.Syll. p.330; (A. littoralis, p.p.)

• v.fossilis, Pant.2p.37; Det.S.p.330;

LOCZYI, Pant.2p.37-5f93; Det.S.p.401; -(A. loczyi, v.)

LUNYACKSEVII, Pant.2p.37; 31. -35f493; Det.S.p.413; (A. lunyacksevi, v.)

LUTEA, Fortm. Cey. p.20-If10; Malaisie; Det.S.p.399; (A. lutea, v.)

LYRATA, Greg. D.C.p.43-5f32; Prit. p.331; Breb. Varr. p.10-If13; Carr. p. 100; R.E.D.p.37; Guinard p.31; Lens, p.33-3f9, No.46; Fortm. Cey. p.15; Atlas 26f1, 2, 3, 7; Lagr. 1376p.54; V.A.S. pl. If22; Italy; Perag. p.56; Malaisie: (A. angularis, v.: -A. salina.)

MACILENTA, Greg. D.C.p.33-4f55; Prit. p.332; Carr. p.101; R.E.D.p.91; Lens, p.34, No.60; Fortm. Cey. p.17; Danf. p.19-If3; (A. macilenta, v.)

• var., A.S., Atlas 26f60;

MAGELLANICA, Petit, Cap Horn 1.119-10f14; Notar. 1333p.611; Det.S.p.393;

MAGNIFICA, Grav.-Trans. Bot. Soc. Edinb. 1364p.575-13f11;

Det.S.p.395; Lens, ^{v.2} p.71-If3, No.7; Cl. Nav. 2p.120;

MARINA, W.S.-A.M.N. 1. 1357p.7-If2; Prit. p.332-7f59; Carr. p.102; Italy: R.E.D.p.95; Grun. 1368p.17; 1373p.7; Petit Cat. p.19; Fortm. Cey. p.13; Lens, p.37-3f24, No.74; Atlas 27f14; V.A.S. p.58-If10; Perag. p.56; Villef. p.39; Det.Syll. p.410; Cl. Nav. 2p.103; (A. marina, v.)

• var., A.S., Atlas 27f17, 18; -(A. marina, v.)

MEGAPORA, Pant.2p.33-29f413; Det.S.p.390;

MEMBRANACEA, S.B.D. 1. 29-2f19; M.J. 1353p.243-3f3; Prit. p.331-7f71; M.D. pl. 12f11; Carr. p.100; Roper, Thames; R.E.D.p.37; Sm.Spl. T.36; A. J.M. 1377p.101; Lagr. 1376p.52; Det.S.p.377;

(A.constricta, W.S.: -A. ostrearia; -Stauroneis amphoroidea.)--

MENEGHINIANA, Gastr. 1337p.17-27f13; Notar. 1339p.631; Det.S.p.415;

MEXICANA, A.S., Atlas 27f47-49; Petit Cat. p.13; Cl. Vega p.510;

Wollé pl.3f24, 25; Malaisie; Det.S.p.409; Cl. Nav. 2p.103-104, 105;

• v.Boryana, Pant.2p.33; Det.Syll. p.409; -(A. Boryana, v.)

• v.fusca, Cl. Nav. 2p.105;

> maritima, Fab. Fig. p. 11-176; Cl. Nav. 2 p. 141;
(Hantzschia marina).

> nikotica, E., Mik. p. 207; Sens 2, p. 88, No. 87; Det. S. p. 418;
+ normannii, Rab. - (A. ornaticornis, W.) -

> obesa, Giniel - Det. 1 p. 157-22 f8; Cl. Nav. 2 p. 132;

+ oblonga, - (A. robusta).

+ obtusa, Gy. - Cl. Nav. 2 p. 131.

- VICANS, A.S. Atlas 27f13; Wollé pl. 3f23; Det. S. p. 394; *(A. dissecta)* Cl. Nav. 2p. 116; Atlas 39f13.
- MILESIANA, Greg. D.C. p. 49-5f33; Prit. p. 331; R.E.D. p. 33; Carr. p. 100; Lens, p. 70-1f7, No. 6; Det. S. p. 394; *(A. dissecta)* Cl. Nav. 2p. 116; Atlas 39f13.
- MINUTA, Pant. 2p. 33-1f13; Det. S. p. 394; *(A. dissecta)*
- MINUTISSIMA, S.B.D. Ip. 19-2f30; Hilse 1330p. 66; Prit. p. 331; Heib. p. III; Carr. p. 101; R.E.D. p. 37; Pop. S.R. 1337p. 399-13f4; Rabh. Alg. Nos. 331, 1031; Kirch. Alg. Schl. p. 190; Schum. 1.7. p. 35; Hall: Lens p. 73-1f19, No. 22; Bleisch, 1363; Sm. Sp. 1.37; Petit liste p. 17; Brin Alp p. 54-3f9; Bellec, Lichon; Perag. p. 53; Italy; Delogne; Malaisie; (A. ovalis, var., & pediculus: *A. delphinoides angusta*); formajuvénis, Rabh. E.D. p. 37; R. Alg. No. 1031b.
- MONILIFERA, Greg. D.C. p. 39-4f69; Prit. p. 332-7f79; Carr. p. 101; R.E.D. p. 90; Atlas 26f32; Lens p. 33-3f23; No. 57; Det. S. p. 33; Malaisie: *(A. dissecta)*
- MUCRONATA, L.L. Sm. Sp. 1.33; A.D. S. 1367p. 17-3f19; J.M. 1379p. 101-5f1; A.J.M. 1377p. 101; Wollé pl. 3f14; *(A. dissecta)* (A. ovalis, var.)
- MULLERI, A.S., Atlas 26f31; Det. S. p. 392; Cl. Nav. 2p. 140.
- MUNDA, A.S., Atlas 40f15; Det. S. p. 413; Cl. Nav. 2p. 141; Balt.
- NANA, Greg. D.C. p. 33-4f64; Prit. p. 334; Floegel p. 90, f12; Fortm. Cey. p. 16; Lens p. 37-3f32; No. 72; Vol. 2p. 234-4f6; Atlas 26f 37-70; Villef. p. 40; (A. elliptica, var.)
- NANA, Rabh. Alg. No. 765; Lens Vol. 1p. 31; (A. ovalis, var.)
- NAUANNII, Jan. Gaz. p. 1.22120, 2f; Atlas 39f19; Det. S. p. 1.410; *(A. dissecta)*
- NAVICULACEA, Donk. -M.J. 1331p. 11-1f12; R.E.D. p. 96; Det. S. p. 407; Lens p. 79-3f4, No. 39; *(Pinn. Stauntonii)*
- NAVICULARIS, E., Amer. p. 122, pl. 1-1f12; K.B. p. 108-29f27; K.S.A. p. 95; Prit. p. 335-12f37; Shark River; Lens p. 33, No. 33; Det. S. p. 417; (Navicula?)
- NEOGRAESENSIS, Pant. 2p. 33-4f64; Det. S. p. 406; (A. elliptica)
- NEUPAULI, Pant. 2p. 33-1f7; Det. S. p. 401; *(A. coffeae)* - (A. elliptica, var.)
- NOBILIS, Greg. D.C. p. 49-5f37; Prit. p. 331; R.E.D. p. 39; Carr. p. 101; Lens p. 31-3f10, No. 50; Vol. 2p. 233-4f3; Det. S. p. 479; *(A. acuta)*
- NODOSA, Br. -Brin 1391p. 9-12f2; Cl. Nav. 2p. 106.
- NOUANNII, Rabh. E.D. p. 33; Lens p. 31, No. 45 sub; V. 1. S. p. 53; 1. No. 5; Det. S. p. 334; *(A. dissecta)* - Atlas 26f72; Fortm. p. 32; Cl. Nav. 2p. 106; (A. elliptica, var.)
- NOVA, A.S., Atlas 26f73; Cl. & M. 267 sub;
- NOVA-CALEDONICA, Grun. -Atlas 26f13, 24; Fortm. Cey. p. 17; Wollé pl. 9f12; Pant. 3p. -15f227; (A. porcellus; -A. ostraria, *(A. dissecta)* var.)
- NUDA, Fortm. -Ann. Bot. Brit. 1392p. 9-1f2;
- OBLONGA, Greg. D.C. p. 43-5f73; Prit. p. 334; Carr. p. 102; R.E.D. p. 92; Lens p. 72-1f12, No. 14; Floegel, Baltic; Atlas 27f3; Italy; Det. S. p. 412;
- OBLONGELLA, Grun. 1373p. 7-4f20; J.R.M.S. 1379p. 377; Det. S. p. 403; (A. angusta, var.)
- OBTECTA, L.W.B. -B.J.N.H. 1332p. 346-f'A, B, '': Wollé pls. 3f13, 23; 9f9; Lens p. 77-2f12, No. 34; Det. S. p. 407; Cl. Nav. 2p. 141.
- OSTUSA, Greg. 1.M.S. 1337p. 72-1f34; Prit. p. 334; Carr. p. 102; R.E.D. p. 95; Lens p. 70-1f15 No. 5; Atlas 40f14-7, 13-17; Fortm. Cey. p. 27-2f27; Lagr. 1373p. 52; Cl. 1373p. 9; Vega p. 493; J.Q.C. 1337p. 131; Villef. p. 40; Shark River; Mobile; Wollé pl. 3f29, 30; Malaisie; Det. S. p. 404;

- > *obliqua* ... 222, 231, 17, f. 11
 " *occidentalis*, Latr. - Cl. Nav. 2p. 131: - (*a. ocean.*; - *a. nallax* 40, 16, 17)
 " *perpetua*, Latr. - Cl. Nav. 2p. 131: - (*a. long.*)
 " *transgredi*, Cl. Nav. 2p. 131: - (*a. alt.* 40, 16, 17)
 " *radula*, Cl. Nav. 2p. 131:
ocellata, Cl. Nav. 2p. 133:
 " *cingulata*, Cl. Nav. 2p. 133-34:
 " *var. intermedia*, Cl. Nav. 2p. 133: - (*a. inter.*) - Cl. Nav. 2p. 133:
 " *var. ornata*, Cl. Nav. 2p. 106: - (*a. nallax* 40, 16, 17)
 + *oculus*, Cl. Nav. 2p. 106: - (*a. nallax* 40, 16, 17)
 " *var. farcinensis*, Cl. Nav. 2p. 106: - (*a. nallax* 40, 16, 17)
 - *a. littoralis* + *a. nallax*: *Cl. Nav. 2p. 133*:
 + *astrea*, Bred - (*a. littoralis* 1897p. 324)
 " *lineata*, Cl. - Cl. Nav. 2p. 130: - (*a. littoralis*, Cl. M.)

- *oculus*, Bred - (*a. littoralis* 1897p. 324)
 " *Silicea*, Cl. Nav. 2p. 104: Oestrup 1897p. 324:
 (*a. affinis*; *Silicea*; *abbreviata*; *protus*, var.; *Stambii*; *succavis*; *Szontagii*; *verrucosa*; *ovalis*, v. *affinis*;
 + *oculus*, Bred - (*a. nallax* 40, 16, 17)
 + " *g* " *affinis*, - (*var. Silicea*; *a. abbreviata*; - *a. minor*, Latr.)
 + " *g* " *pediculus*, K. - Cl. Nav. 2p. 105: - (*a. nallax* 40, 16, 17)
 (*Cymbella* p. - *a. ped.* v. *minor*; - *a. borealis* 40, 16, 17; *Silicea*, v. *int.*;

Amphora minutata, Cl. Nav. 2p. 131:

vars., A.S. Atlas 401 II; 131; --, 451 III. Cey. 1. 22-24 I 7:

v. fossilis, Pant. 2p. 33; Det. Syll. p. 404;

OBUSIUSCULA, Grun., Atlas 2317; Det. S. p. 402;

OCEANICA, Castr. 1337p. 20-27 f 20; Det. S. p. 377: - (A. oblonga, v.)

OCELLATA, E.-Mg. 1353p. 33; Abh. Ber. 1352p. 35-If 10; Lens Vol. 1. 1. 33;

OCELLATA, Dorkin. -M.S. 1331p. II-If 11; Brit. 1. 335; R.E.D. 1. 37; Lens, p.

70-If 2, No. 2: Malaisie; Lagr. 1373p. 52; V. 1. S. p. 56-If 26; Det. S. p. 377;

v. samalensis, Grun. Cl. -Vega p. 461: (A. ...)

+ ACULUS, A.S., Atlas 2752; Pant. 1p. 22-14 f 127; Det. S. p. 404; +

v. fossilis, Pant. 2p. 33; - (A. oculus.)

ORNATA, Fortm. Cey. p. 20-If 9; Det. S. p. 335: Cl. Nav. 2p. 131;

OSTREARIA, Breb. -W.S.A. p. 94; Brit. p. 331; Grun. 1353p. 17; R.E.D. 1. 33;

+ Lens p. 12-If 13, No. 13; Atlas 23123; Sm. Sp. 1. 39; Fortm. Cey. p. 13; V. 1.

S. p. 56-If 25; Cl. 1330p. 25; Vega 1p. 461, 492, 507; Malaisie; Det. S. p.

375: Cl. Nav. 2p. 129; (A. labyrinthica & nematocarpa.) --

var. "b", Rabh. E.D. p. 33; V. 1. S. p. 56; Det. S. p. 375: (A. quadrata.) --

var. Belgica, V. 1. S. p. 56; Det. S. p. 375: Cl. Nav. 2p. 130: - (A. Belg.)

y. interrupta, Pant. 1p. 21-15 f 134; Notar. 1333p. 464; Det. S. p. 375; (A. ...)

v. minor, Cl. 1330p. 25; Det. S. p. 375; Cl. Nav. 2p. 130:

v. Nova-Caledonia, Grun. -Vega p. 461: (A. porcellus & Nova-C.)

v. porcellus, Cl. Vega p. 492; Det. S. p. 375: (Amph. p.)

v. vitrea, Cl. Vega p. 461: Cl. Nav. 2p. 134: (A. Trumbii - porcellus - vitrea - ...)

OVALIS, W. 3. p. 107-5 f 35, 39; W.S.A. p. 93; R.E.D. 1. 31-9 f 1; S. 1. 1. 19-2 f

23; Front.; Mull; A.M.N. 1. 1351p. 3-If 21-32; Weisse 1350p. 359-If 11; R.

D. ex. No. 9; Braemar; Marissal; Brit. p. 333-7 f 55; 9 f 133; M.D. 1. 12 f 10;

Heib. p. III; Carr. p. 100; Mull; R.E.D. 1. 91, f 21; Pfitzer 1. 32-4 f 9; 6 f 14;

Sp. 1. 9: 4 Boiscow 1. 2 f 2; V. & Z. p. 15-If 15; Roper, Thames: New Zealand;

Grun. 1333p. 17; Cl. 1333p. 23; 1331p. 5, 3; 1391p. 53; Prollis 1. 55; R.

Abh. Eur. 735; Lanzi, Tor.; Eiden, 1371; Lagr. 1373p. 45; M.V.S. 1373p. 33;

Lens p. 30-21 f 7; No. 45; Sm. Sp. 1. 40; Atlas 23100-III; Ebert, Cassel; M.

T. P. 3-1-2: V. 1. S. p. 59-If 1; T. No. 1; Danf. p. 19; Brin 1p. 53-115; Pet.

& Leud.; liste p. 17; Kinnord; Lake Michigan; Italy; Gallia, Papan;

Macdonald 1. 10 f 27; Hoffmann, Marburg; Deloigne: Bellore, Lichen 1. 44 f 9;

Spamer, Guren; Perag. p. 56; Wille 1p. 4 f 29-32; Tanarek 1379p. 44 f 22; Det.

S. p. 411; Malaisie: -Herib. 1. 32: a. cl. 1895p. 24; Nav. 2p. 131:

(Navic. amphora; -Cyclotella; -Cymbella; -List. copulata & S.: -A. alaris,

angularis, gigas, munda, lobulosa, incisa, nana, nematocarpa,

perminuta.)

var. "minor", W. 3. p. 107; V. 1. S. p. 59: Cl. Nav. 2p. 131: (A. ...)

+ var. "p" affinis, W. -V. 1. S. p. 59: Cl. 1391p. 53; Det. S. p. 412: -

var. "r" form minor, V. 1. S. p. 59: (A. ...)

var. "a" pediculus, V. 1. S. p. 59; T. No. 3: Cl. 1391p. 53;

Det. S. p. 412: (A. minutissima; -Cymbella pediculus.)

var. "d" form exilis, Grun. -Det. Syll. p. 412: W.S. p. 59:

v. elliptica, W.S. -R.E.D. p. 92; Dippel p. 3; Pet. liste p. 17:

v. gracilis, E. -Det. S. p. 411: Cl. Nav. 2p. 131: (A. ...)

v. globosa, Schum. -Cl. 1391p. 53: - (var. "d": - (Amphora p.) ---

v. nana, Rabh. E.D. p. 92; (A. nana.)

> ovum, Cl. Nav. 2p. 102-4f12: Atlas 26f40:

Pecten Br. - (*A. praevalida* - *alveolata* - *scalaris*.)

" *P. Argus*, Cl. Nav. 2p. 110:

> Peragalli, Cl. Nav. 2p. 124: - (*Amphora*? of Per. Vill. p. 40-3f26

+ Petiti, - (*A. ostrearia*, pp.)

polaris, Ostreus, Mar. S. p. 408-3f2: Oestr. 1897p. 326:

> praevalida Jun. Gatz 2 of 21: - (*A. pecten*.)

> praevalida, Cl. Nav. 2p. 112-4 + 26:

> prisca, Cl. T. Bro. - Cl. Nav. 2p. 131:

+ Proteus, G. - (*A. prot.* v. *Kariana*; *A. hexagonalis*; *A. speciosa*) Oestr. 1897p. 32:

" var., *d. s. alba* 28f1: - (*A. ovalis*, v. *Liljea*.)

" var., *alata*, Cl. Nav. 2p. 103:

" " *contigua*, Cl. Nav. 2p. 103: Atlas 27f7-9; 28f4: Oestr. 1897p. 324:

- var. pellucida, Rabh. E.D. p. 92; R. Alg. 735 sub: (A. pellucida.) --
 var. Lake Michigan:
 PARABIELLA, Floegel p. 33, 13; Lens 2p. 234-4f2: Italy; Det. Syll. p. 33;
 PARADOXA, E. - Mik. p. 35; Det. S. p. 413;
 PARASITICA, Bleisch 1333p. 76: (A. minutissima.) ---
 PECTEN, Br. - Brun 1301; 9-1f24; LeD. No. 111. 157-2215-7: ~~Cl. Nav. 2p. 116~~ -
 PEDICULUS, K. - Grun., Atlas 26f99; Cl. & M. No. 137; Fortm. Cey. p. 13; V. 1.
 S. pl. 1f6, 7; T. No. 3: Perag. p. 53; Gallik, Pagan; Herib. p. 63:
 (A. affinis, minutissima & ovalis, var. p.)
 v. exilis, Grun. - V. 1. S. pl. 1f9, 10; Herib. p. 63: - (A. ovalis, ^{var. d.} forma ex)
 v. major, Herib. p. 63: ~~Cl. Nav. 2p. 116~~ - (A. ovalis, ^{var. d.} forma ex)
 v. minor, Grun. - V. 1. S. pl. 1f3; Herib. p. 63: (A. ovalis, minor.)
 PELLUCIDA, Greg. D. C. p. 41-4f73; Prit. p. 333; Carr. p. 102; Lens p. 73-2f
 15, No. 33; Wolle p. 1319, 17; Det. S. p. 405: - (A. ovalis, var., & incl. v.)
 vars., A. S., Atlas 27f11, 33, 37, 65: - (A. commutata.)
 PERMAGNA, Pant. 2p. 33-3f113; Det. S. p. 403; - (A. diluta.)
 PETITII, Brun & T. p. 15-9f16; Det. S. p. 332; Ann. Bot. Brit. 1892p. 10-1f3: +
 PERPUSILLA, Grun., Atlas 26f93; V. 1. S. p. 53-1f11; T. No. 4: Det. S. p. 400:
 Grun. 1334p. 50-1f3: Cl. Nav. 2p. 105: (A. coffaeiformis, v. p. p.)
 PHILLIPICA, Cast. 1337p. 19-27f2; Det. S. p. 413;
 PLEUROSIGMA, Brun & T. p. 15-7f13; Det. S. p. 406: Cl. Nav. 2p. 133:
 PLICATA, Greg. - T. M. S. 1357p. 70-1f31; Prit. p. 334; Carr. p. 102; R. E. D. p.
 96; Cl. 1333p. 237; Java p. 12; 1873p. 21; Vega p. 462; Lens p. 73-2f3, No.
 25; Atlas 26f50; Shark River; Wolle 22f25; Malaisie: - (A. lineolata, n.)
 POLYZONATA, Cast., 1337p. 13-27f13; Det. S. p. 415; - (A. quadrata.)
 PORCELLUS, Vitton. - Atlas 26f25; 39f15-17; Fortm. Cey. p. 17;
 Cl. 1873p. 9; Villef. p. 40: (A. ostrearia, v. vitrea.)
 PROBOSCIDEA, Greg. D. C. p. 54-6f93; Prit. p. 332; Carr. p. 101; R. E. D. p. 90:
 Pet. Cat. p. 13; Lagr. 1373p. 54; Lens p. 71-1f11, No. 13; Villef. p. 40;
 (A. affinis, W. S.: - A. lineata.) Cl. Nav. 2p. 113-3f19-21:
 PROTEUS, Greg. D. C. p. 46-5f81; Prit. p. 333; Carr. p. 102; R. E. D. p. 93; Cl.
 1367p. 667; Nares; 1873p. 20; Vega pp. 462, 493, 510; Fortm. Cey. p. 13; M.
 T. P. 3-I-I; Eiben, 1871; Lanzi 1873p. 6; Ostia p. 23; Lagr. 1373p. 54;
 Atlas 27f1-7, 63; 39f23, 24; Lens p. 79-3f1; No. 41; Pet. Cat. p. 17:
 Shark River: Mobile; Italy: Villef. p. 39; Wolle pls. 3f10, 11; 9f19;
 Pant. 2p. 39; Malaisie; Herib. p. 64; Cl. Nav. 2p. 103: ~~Det. Syll. p. 33~~ (A. affinis.)
 v. Karstana, Grun. - Cl. 1330p. 24-1f7; Vega p. 462: (A. Karstana, v. Karstana.)
 v. Mexicana, A. S. - Vega p. 493: - (A. Mex.)
 v. parvula, Floegel, Lens Vol. 2p. 234-4f4; - (A. pusio?)
 v. robusta, Greg. - Cl. Vega p. 493: - (A. robusta.)
 PROTRACTA, Pant. 2p. 39-1f5; Det. S. p. 390: - (A. protracta.)
 PSEUDO-CINGULATA - Det. Syll. p. 333: - (A. cingulata, Pant.)
 PULCHRA, Grev. - Trans. Bot. S. Edinb. 1833p. 575-15f2; Det. S. p. 395;
 Lens, p. 71-1f9, No. 9: (A. pulchra.)
 PUSILLA, Greg. D. C. p. 53-3f95; Prit. p. 335; Carr. p. 103; Fortm. Cey. p. 15:
 Lens, p. 75-2f10, No. 23; LeD. No. 111. 159-23f3, 4; Det. S. p. 390; ~~Cl. Nav. 2p. 102~~
 PUSIO, Cl. Nav. 2p. 102-3f40: - (A. pusio.)
 oestrup 1897p. 324:

> Rattrayi, Cl. Sm. #310; Cl. Nav. 2p. 133:

> rectilincata, Cl. Gro. - Cl. Nav. 2p. 139-4 f 24, 25:

> rhombica, var. gracilior, Cl. Nav. 2p. 127:

" var. intermedia, Cl. Nav. 2p. 127:

+ robusta, Gg. -

" var. fusca, Cl. Nav. 2p. 103:

" " minor, Dannf. p. 20-1 f 7: - (a. commutata,)

" " subplicata, Cl. Nav. 2p. 103:

+ > Schmidti, var. flexuosa, Gv. - Cl. Nav. 2p. 120: - (a. flex, Gv.)

" var. sinuata, Gv. - Cl. Nav. 2p. 120: - (a. sin, Gv.)

> Scala, var. alata, Cl. Nav. 2p. 108:

+ Schleinitzi, Jan. - (a. Schleinitzi, v. Schl.)

+ Schmidti, Gn. - Atlas 27 f 51: -

" forma major, Cl. Nav. 2p. 107; Atlas 28 f 3: - (a. Sch., p. p.)

" " minor, Cl. Nav. 2p. 107:

" var. alata, Cl. Nav. 2p. 107:

" " Schleinitzi Jan. - Cl. Nav. 2p. 107: - (Em. Schl.)

- QUADRATA, Breb.-W.S.A.p.95; Prit.p.33I; R.E.D.p.33; Atlas 25f2f, 22;
 Lens p.72, No.13; V.4.S.pl.1f24; (A.ostrearia, "b": -A. (parulidus.)
 " var., Grin.1333p.17; Atlas 25f5;
 QUADRATA, Greg.D.C.p.49-5f35; Hall; Lens p.77-2f7, No.3I; -(A.Gregorii.)-
 QUADRICOSIATA, Rabh.S.D.p.29f5; Lens p.33, No.73 sub;
 Atlas 26f75-30; (A.Hohenackeri, tumidula & veneta.)-----
 " var., A.S.Atlas 26f74: -(a.veneta.)
 RECTA, Fortm.Cey.p.2I-1f14;
 RECTA, Grin.-V.4.S.pl.22(2)f9, 10; Det.Syll.p.343; (Amphoropsis.)-
 RECTANGULARIS, Greg.-T.M.S.1357p.70-5f29; Prit.p.33I; R.E.D.p.33;
 Carr.p.10I; Lens p.32-3f13, No.52; wolle pl.9f14; Det.S.p.333; Cl. Nav. 2p. 141;
 REICHARTIANA, Grin.-Hedw.1367p.25; Lens p.34, No.62; Atlas 39f33-35;
 wolle pl.4f9; Det.S.p.4I3; Cl. Nav. 2p. 140;
 RHOMBICA, Kitton.-Atlas 40f39; Perag.Villef.p.4I; Malaisie;
 Det.S.p.4I3; Cl. Nav. 2p. 127;
 RIMOSA, E.-Amer.p.79; Abh.Bel.134Ip.367; Mik.pls.5-1f27; 13-2f17;
 Mg.1353p.33; V.B.p.103; Prit.p.33I; R.E.D.p.33; Lens p.3I-3f12, No.
 49; Italy; wolle pl.3f23; Det.S.p.333; Cl. Nav. 2p. 141;
 ROBUSTA, Greg.D.C.p.44-5f79; Prit.p.333; Carr.p.102; Guinard p.3I; R.
 E.D.p.93; Lens p.30-3f2, No.44; Atlas 27f33-4I; Grin.1373p.4; Fortm.
 Cey.p.18; Pet.Cat.p.16; Gannf.p.20; Lagr.1373p.54; Shark River;
 Cl.Vega pp.462, 510; Italy; Perag.p.56; Villef.p.40; wolle pl.3f1-3;
 A.M.M.O.139Ipl.1f8; Det.S.p.403; Cl. Nav. 2p. 103; (a.commutata p.p.)
 " var., A.S., Atlas 27f44; Cl.Vega p.462; Villef.p.40;
 SALINA, S.B.D.Ip.19-30f25I; Breb.D.C.p.13; Prit.p.332; R.D.Ex.10; R.
 E.D.p.90; Jan.& R.p.4-3f12; Carr.p.10I; Hall; Eul.Sp.7.10; Fresenius
 p.70-4f30-42; Eiben, 137I; Guinard p.3I; Atlas 26f8I; Lens p.34-3f29,
 No.59; Sm.Sp.7.4I; Fortm.Cey.p.16; V.4.S.p.57-1f19; 1.No.II; Italy;
 Perag.p.56; wolle pl.9f3; Cl.139Ip.53; Gerib.p.32; Det.S.p.333;
 (A.borealis, coffaeformis & lyrata.)
 " var."b"minor, V.4.S.p.57; Det.S.p.333; -(a.Coffe.var.borealis.)
 " v.fossilis, Pant.2f.39-3f47; Det.S.p.333; -(a.)
 SARMATICA, Pant.Ip.7 -15f135; (A.intersecta, var.S.)
 SARNIENSIS, Grev.-T.M.S.1362p.95-9f12; Carr.p.100; Lens p.7I-1f4, No.
 II; Atlas 25f60; Fortm.Cey.p.14-1f3; Malaisie; Det.S.p.4I7; Cl. Nav. 2p. 141;
 SCABRIUSCULA, Cl.& Gro.-Led.No.15p.56-3f7; Cl. Nav. 2p. 140.
 SCALA, Cl.& Gro.-Led.No.III.153-22f13, 19; Cl. Nav. 2p. 141;
 SCALARIS, Castr.1337p.13-27f9; Notar.1339p.532; Det.S.p.4I5; -(a.pectin.)
 SCHLEINIIZII, Jan.-Gaz.pl.22f14-17; Atlas 39f9-II; Det.S.p.4I3;
 SCHMIDTII, Grin.-Hedw.Vol.17p.126; J.R.M.S.1373p.240; Pet.Cat.p.17;
 Atlas 23f2, 3; Fortm.Cey.p.16; Cl.Vega p.492; wolle pl.3f5;
 Det.Syll.p.410; Cl. Nav. 2p. 106;
 SCOTICA, W. Sm.-Lens Vol.1.37, No.74 sub; (a.)
 SEJUNCTA, Pant.3p.2. -35f495; Cl. Nav. 2p. 142;
 SEMEN, E.-Mik.pl.33A-17f10; Det.S.p.4I3;
 SENDAIANA, Br.-Brin 139Ip.9-12f12-c; Cl. Nav. 2p. 138;
 SEPULTA, Pant.Ip.22-24f223; Notar.1336p.403; Det.S.p.390; -(a.)

+ Stenophora, Cast. - Cl. Nav. 2p. 129-4 f 33, 34:

Stentis, Gr. - Cl. Nav. 2p. 114: - (a. contracta, v.) -

Sulcata, Bb. - subc. of Samf - a. lineola)

" var. elongata, Cl. Nav. 2p. 113: - (a. lineola)

- Szabo, Pt. - (a. arenata, Pt., & hevesensis, Pt.; a. weissenri;
a. coffeyensis, v. parvula, Pt.; a. nanita, Pt. -

+ terraris, Act. 1897 p. 325

terraris, v. limbata, Cl. Nav. 2p. 123

> Stenogibba, Cl. Nav. 2p. 120: Atlas 25 f 78-80:

SINGATA, Grev.-Trans. Bot. Soc. Philad. 1837. 1. 573-171; Grev. 1. 33-313, 1. 43; Atlas 25f75, 79; Petit Cat. p. 17; Det. Syll. p. 391: - (A. ~~ovata~~ *ovata*)
SPECIOSA, Cast. 1337. 17-2711; Det. S. p. 407: - (A. ~~ovata~~ *ovata*)
SPECTABILIS, Grev. D.C. p. 44-5f30; Prit. p. 335-7f57; Carl. p. 102; R.E.D. 1. 95; Breb. Verm. p. 10; Floegel, Baltic; Lens Vol. 1. 30-31, No. 42; Atlas 40f20-23; Carl. 1373. 54; Petit Cat. p. 17; Floegel, Cey. p. 17; Cl. Ver. 1. 402; Parag. p. 50; Brun. & T. p. 33; Woll. pl. 317, 3; Malaisia; Det. Syll. p. 403: *Cl. Nav. 2p. 132*: (A. dubia & fuscata.) ----
" var., A.S., Atlas 40f13, 19; Brun. & T. p. 33; *Fortm. Cey. p. 19*:
SOLESVIGENSIS, Petit Cat. Horn. 1. 120-10f15; Atlas 25f17, 18; Notul. 1333. 311; Det. S. p. 330: (A. ~~ovata~~ *ovata*)
STAUBII, Part. 31. 1. -10f171; - (A. ~~ovata~~ *ovata*)
STAUROPHORA, Part. 31. 1. -15f223; - (A. ~~ovata~~ *ovata*) *Cl. Nav. 2p. 141*
STAUROPHORA, Danf. p. 20-1f9; Det. Syll. p. 330:
STAUROPHORA, Cast. 1337. 120-2713; Notul. 1339. 332; - (A. ~~ovata~~ *ovata*)
STAUROPHORIFORMIS, Lorenz Mss.: (A. ~~ovata~~ *ovata*) ----
STAUROPTERA, Bailey N.S. p. 3, f14, 15; Prit. p. 335; Lens Vol. 1. p. 39: *Stolothrips*: - (A. ~~ovata~~ *ovata*)
STRANGULATA, Floegel, Cey. p. 19; Atlas 25f13; Det. S. p. 413;
STRATA, Part. 1. 39-17f150; 2. 39-2f131; Det. S. p. 390: - (A. ~~ovata~~ *ovata*)
STRIGATA, Part. 31. 1. -11f131; *Cl. Nav. 2p. 141*:
STRIDOLATA, Part. 2. 39-2f25; Det. S. p. 393: - (A. ~~ovata~~ *ovata*)
STUDERI, Jan.-Gaz. p. 22f1; Atlas 39f1; Det. S. p. 410: (A. ~~ovata~~ *ovata*)
SUAVIS, Part. 31. 1. -23f413; - (A. ~~ovata~~ *ovata*)
SUBINFLATA, Grev., Atlas 25f43, 49; Cl. Ver. 1. 402; Det. S. p. 390: (A. ~~ovata~~ *ovata*)
SUBPUNCTATA, Grev. & St.-J. R.C. 1337. 131-10f3; Det. S. p. 33; *Cl. Nav. 2p. 141*
SUBTILIS, Grev.-Cl. & M. No. 255 sub; Det. S. p. 419;
SULCATA, Breb. D.C. p. 13, f3; Grev. D.C. p. 51-5f92; M.J. 1358. 24-3f7; Prit. p. 333; Breb. Verm. p. 10; Carl. p. 102; R.E.D. p. 95; Floegel, Baltic; Lens, 1. 75-2f11, No. 29; Sr. S. p. 19; Atlas 25f43, 47; 27f12, 15; Grev. 1373. 7; Floegel, Cey. p. 19; Danf. p. 20-2f3; Parag. p. 50; Villaf. p. 41; Italy; Cl. 1391. 53; Det. S. p. 407: *Cl. Nav. 2p. 141*: - (A. ~~ovata~~ *ovata*) ----
SUMATRENSIS, Floegel.-Ann. Bot. Brit. 1392. 1. 11; - (A. ~~ovata~~ *ovata*)
SZABOI, Part. 2. 39-2f20; Det. S. p. 410: *Cl. Nav. 2p. 141*: - (A. ~~ovata~~ *ovata*)
SZOLTAGII, Part. 2. 39-7f133; Det. Syll. p. 401: - (A. ~~ovata~~ *ovata*)
TAYLORI, Grev.-V. 1. 1. No. 13 sub; Det. S. p. 419; - (A. ~~ovata~~ *ovata*)
TENERA, S.B.D. 1. 20-30f252; Prit. p. 335; 411; Lens Vol. 1. 31-3f1. 1. 42; A.J.M. 1377. 102; Cl. Ver. 1. 401: (A. ~~ovata~~ *ovata*) ----
TENUISS, Floegel, p. 90, f17; Lens Vol. 2. 235-4f7; Leaw. 1373. 99; Det. Syll. p. 405;
TERRORIS, E.-Abh. Ber. 1353. 25; Mg. 1. 35A-23f3; Prit. p. 332; Lens, 1. 33-3f20, No. 53; Det. S. p. 413: *Cl. Nav. 2p. 141*: - (A. ~~ovata~~ *ovata*)
TERTIARIA, Part. 2. 39; 31. 1. -15f225; Det. S. p. 413: *Cl. Nav. 2p. 141*:
TESSELLATA, Grev. & St.-J. R.C. 1337. 131-10f1; Notul. 1337. 311; Det. Syll. p. 399: *Cl. Nav. 2p. 141*:
THAITIANA, Cast. 1337. 19-27f15; Det. Syll. p. 403: - (A. ~~ovata~~ *ovata*)

+ veneta, Gg. - Cl. Nav. 2p. 112-3f17, 18:

tumidula, Gm. - Reibh. d. l. y. Eur. #1716: Cl. Nav. 2p. 119

+ veneta, K. - {*A. fasciata*, E.; - *A. Hohenackeri*; - *A. tumidula*; -
A. hyalina, v. *parvula*; - *A. Lilyca*, of H.L.S.; - *A. Coffaeiformis*, H.L.S.}

> virtuata, Cl. Nav. 2p. 115-4f30-32:

Wittsteinii, Cl. Nav. 2p. 140:

- TRANSYLVANICA, Pant. 3p. 1. -If12; *Cl. Nav. 2p. 141*;
 TREUBII, Fortm. -Ann. Bot. Brit. 1892. II-If7: - (*A. ostiaria*, v. *vitrea*)
 TRUNCATA, Greg. D.C.p. 44-4f7; Prit. p. 333; Carr. p. 102; Atlas 23f4;
 Lagr. 1873 p. 52; Lens p. 73, No. 29 sub; Woll. pl. 3f27; Det. S. p. 477;
 TUMIDULA, Grun., Idem. 1864. 175; Sm. Sp. 1. 3f; Lens Vol. I p. 73; *Cl. Nav. 2p. 141*;
 Det. Syll. p. 414; (*A. venusta*) - (*A. ichneumon* & *quadricostata*.) ---
 TURGIDA, Greg. D.C.p. 33-4f33; Prit. p. 332; Carr. p. 101; R.E.D. p. 90; Cl.
 1873 p. 9; Vera p. 493; Atlas 25f22, 23, 25, 27, 28, 31; Petit Cat. p. 19;
 Lens p. 35-3f27, No. 33; Perag. p. 56; Woll. pl. 3f18, 19; Villef. p. 39;
 Det. S. p. 333; *Cl. Nav. 2p. 123*; (*A. recta* & *ventricosa*.) ---
 TURGIDA, E.-Mik. 1866 p. 33;
 UNDATA, A.L. Sm. -Lens Vol. 1. 70-If21, No. 4; Cravillea 1873 p. 27;
 Det. Syll. p. 414;
 UNDATA, Fortm. -Ann. Bot. Brit. 1892. II-2f1: *N.B. H.L.S. Lens Vol II p. 7*
 UNDULATA, Grun. -Tr. Bot. Soc. Edinb. 1831. 575-15f3; Det. Syll. p. 391;
 Lens Vol. 1. 71-If10, No. 12;
 VALIDA, Perag. Villef. p. 40-3f25; Notar. 1890 p. 33; Det. S. p. 413; *Cl. Nav. 2p. 102*;
 VENATA, K.B. p. 103-3f25; K.S.A. p. 94; Prit. p. 334; R.E.D. p. 91; Lens p.
 34, Nos. 53, 57; Italy: Atlas 27f13; Sm. Sp. 1. 43; V. 1. 9. p. 53-If17; T. No.
 10; Perag. p. 56; Woll. pl. 3f12, 13; Idem. p. 32; Det. S. p. 397; *Cl. Nav. 2p. 111*;
 (*A. aponina*, *borealis*, *quadricostata*.) ---
 VENTRICOSA, Greg. D.C.p. 39-4f33; Prit. p. 332; Carr. p. 101; R.E.D. p. 91;
 Grun. 1863 p. 17; Lens Vol. 1. 35, Nos. 34, 36; Floegel, Baltic; Lagr. 1873 p.
 55; Girard Boss. p. 9, 12-If6; 2f12; (*A. magnifica*) - (*A. tur.* var.) ---
 VERRUCOSA, Pant. 3p. 1. -10f166: - (*A. malis* & *Lilys*)
 VITREA, Montagne Ann. Sci. Nat. p. 157; Basset, sur les eaux St.
 Nectaire p. 39; Det. S. p. 392;
 VITREA, Cl. 1863 p. 237-4f5, 6; Lens p. 72-2f1, No. 16;
 Lagr. 1873 p. 52; (*A. Kamorthensis*.) ---
 VITTATA, Pant. 2p. 39 & 3p. 2 -22f323; Det. Syll. p. 332; *Cl. Nav. 2p. 142*;
 VULGARIS, E.-Mik. p. 79; Det. Syll. p. 413;
 WACHENHUSENII, Jan. -Gaz. pl. 22f47; Atlas 40f33; Det. S. p. 413;
 WEINECKII, Jan. Gaz. pl. 22f13; Atlas 39f20; Det. S. p. 402; *Cl. Nav. 2p. 102*;
 WEISSELOGII, A.S., Atlas 25f53, 59; Petit Cat. p. 13; Grun. 1863 p. 17;
 Cl. Vera p. 432, 491; Det. S. p. 334; *Cl. Nav. 2p. 116*;
 WEISSNERI, Pant. 2p. 40-3f45; Det. S. p. 390; (*C. rosetta* *facillata*, p. 1. 1.) ---
 WITSTEINI, Jan. -Gaz. pl. 22f23, 27, 43, 45; Atlas 39f5, 7; Det. S. p. 397;
 ZEBRATA, Brun. & T. p. 16-7f14; Det. S. p. 402; (*A. cyanea*) ---
 ZEBRATA, A.S., Atlas 25f11; Cl. Vera p. 510; Det. Syll. p. 392; (*A. magnifica*) ---

AMPHOROPSIS. --- (*Grun. 1863*)

- COMPLEXA, Grun. in litteris.: - (*auricula*) (Amphora c.) ---
 DECIPIENS, Grun., in V. 1. S. *Amph. 2p.* (Amphora; -Amphora plicata.) ---
 RECTA, Fortm. -Grun. in V. 1. S. (Amphora.)

ANAULUS. ----- (*Chr. 1844*)

- , DeToni in Oss. Bac. 1891 p. 911;
 --, E.-Abh. Ber. 1872 pl. 2f22; (Plagiogramma.)

BIROSTRATUS, Grun.-V.H.S.pl.103f1,2; Cl.Vega p.509; Atlantic City; J. Q.C.1837p.77; Wolle pl.64f12-14; Malaisie; Det.Syll.p.339;

(A.Mediterraneus; -Biddulphia.)----

' forma angustior, Grun.-V.H.S.pl.103f3;

' var., Grun., V.H.S.pl.22(2)f15;

CAMPYLODISCUS, E.-Abh.Ber.1844p.265: Prit.p.359:-(Euodia Gracilifolia.)

CONSTRICUS, E.-Abh.Ber.1844p.265:-(Eunotogramma Fraienfeldii.)--

DEBILIS, Grun., V.H.S.p.202-126f17-19: (Eunotogramma.)-----

FOSSUS, Gro.& St.-Grun., in Botan.Centralb.1833No.15:-(Biddulphia.)----

INDICUS, E.-Abh.Ber.1845p.36: (Terpsinoe.)---

LATECAVATUS, Brun & T.p.16-1f13; Det.Syll.p.390;

+ MEDITERRANEUS, Grun.-Cl.& M.No.154; V.H.S.pl.102f3,10,11; Det.S.p. 389: Malaisie; Pant.Ip. -18f160:-(A.birostratus, v.: -Biddulphia.)-----

' v.intermedia, Grun.-V.H.S.pl.102f9: Atlas 200+23: (A.birostratus.)--

MINUTUS, Grun.-V.H.S.pl.103f4,5; Cl.Vega p.503; Det.S.p.391;

SCALARIS, E.-Abh.Ber.1844p.199: Mg.pl.35A-22f1,2; K.S.A.p.120; L.W.

1856p.63:Prit.p.359-3f37; Jan.Gu.p.11-1a,f23; Det.S.p.390;

SUBCONSTRICUS, Gro.& St.-J.Q.C.1837p.143-14f59,60; Notar.1839p.464;

Det.Syll.p.390:

WEYPRECHTII, Grun., 1834p.6-2f13; Det.Syll.p.390:

ANISODISCUS.--- (Grunow, 1886)

PANTOCSEKII, Grun.-Pant.Ip.67-3f29; 26f241-243; 26f280; 3p. -37f528: Notar.1833p.529; Det.Syll.p.1323:

' v.major, Pant.Ip.67-27f255; Notar.1833p.529: Det.S.p.1323:

ANOMOEONEIS.--- (Pfitz., 1872)

--, Pfitzer p.77:

> BOHEMICA, Pfitzer p.73: -(A.polygramma?) - (Navicula.)-----

BRACHYSIRA, Breb.-Cl.139Ip.40: 1895p.14: Nav. (2)p.7: (A. polygramma?)

+ EXILIS, K.-Cl.139Ip.40: - 1895p.14: Nav. (2)p.7: (A. polygramma?)

> FOLLIS, E.-Cl.139Ip.41: - 1895p.14: Nav. (2)p.7: (A. polygramma?)

> SCULPTA, E.-Pfitzer p.73; V.H.S. : Cl.139Ip.40: Nav. (2)p.7: (A. polygramma?)

SERIANIS, Breb.-Cl.139Ip.40: 1895p.14: Nav. (2)p.7: (A. polygramma?)

+ SPHAEROPHORA, K.-Pfitzer p.77-3f10: V.H.S. : Cl.139Ip.40: Nav. (2)p.7: (A. polygramma?)

Gallik, Papan. Cl.139Ip.40: Nav. (2)p.7: (A. polygramma?)

ZELLENSIS, Grun.-Cl.139Ip.40: Nav. (2)p.7: (A. polygramma?) (Navicula Zell.)

ANORTHONEIS.--- (Grunow, 1886)

EXCENTRICA, Grun.1833p.10: Det.Syll.p.468: (Cocconeis.)

+ EURYSTOMA, Cleve Nav. 2p.166-3f12: (Cocconeis cocconeiformis.)

ANTHODISCUS.--- (Grunow, 1887)

FLOREATUS, Gro.& St.-J.Q.C.1837p.65-6f20: Notar.1837p.343;

Atlas 183f12; Det.Syll.p.1394;

APORODISCUS.--- (Rattray, 1887)

--, J.R.M.S., December, 1833:

OAMARUENSIS, Rattray.-Atlas 149f22:

(Rattrayella.)--

Ehrenbergii

v. splendens, Bn. - Sed. 2, n. 22, p. 232-23 f 7.

+ scintillans 20 f 2 - 6; G. Jms 1858 p. 112.

+ laponicus, Carp. 1 x 9 pl. 12.

Archiamphora
a subgenus of Amphora - vide Cl. Nav. 2 p. 129: - 1893.

--, Canad. Nat., 1838p. 510-13f29: -(Arach. Ehrenbergii.)

--, Deane, in Q. J. M. S. 1838p. 33: --, M. M. S. 1873p. 165:

--, Girard 1838p. 13, pl. 4:

BARBADENSIS, A. S., Atlas 63fII; Det. Syll. p. 1313:

+ EHRENBURGII, Bailey & Harv. p. 174-9f9; Bailey Coll.: S. B. D. 1p. 26-3ff 253; M. D. 1p. 12ff12, 13; London Clay; Prit. p. 342; M. & R. S. 1p. 35; J. Q. C. S. 1835p. 132; Proc. Dublin Mic. Club 1835p. 4, em. icons: Can. Nat. 1838p. 510-13f29; Petit Min. 184; Jan. G. 1p. 11-22, 13, 11; O. M. I. O. p. 255; Cl. & M. 189; Sm. Sp. T. 44; Fritsch & M. No. I; M. T. P. 4-I-7; Atlas 63fI; J. Q. C. 1835p. 177; 1835p. 203; 1837p. 42, 55-4f4; Grun. 1834p. 13; 1835p. 1p. 39-19f169; 2, p. III; Brun & T. p. 33; Witt 1838p. II: Woll. pl. 9ffI; Det. S. p. 1311; G. J. M. S. 1858p. 161: (A. Japonicus, E.)----

v. Californica, A. S., Atlas 63f3, 4; 73fII; Pant. 1p. -19f170; Brun & T. p. 33; Witt 1838p. II-2f3; Woll. pl. 9ff3, 4; A. J. M. S. 1891p. 12142; Det. Syll. p. 1312:

v. deficiens, A. S., Atlas 147f2, 3:

v. Indica, (E.)-Pant. 1p. -19f171: (A. Indicus.)

v. Montereyana, A. S., Atlas 63f2; Woll. pl. 9ff2; Det. S. p. 1312:

v. Oamaruensis, A. S., Atlas 147fI, 4:

CIGAMIEUS, Pant. 2p. III; 3p. -2f23; Det. S. p. 1312:

GREVILLEANUS, Harmann.-T. M. S. 1855p. 47-5f7; Atlas 63f5; 73f3; Witt, 1838p. II-2f12: Det. S. p. 1312:

+ INDICUS, E.-Abh. Ber. 1854p. 165; Mg. pl. 36f34; Grun. 1830p. 26; Prit. p. 342; M. D. 1p. 42f13; Grun. 1838p. 26; Atlas 147f6; Witt 1837p. 17-3f4; J. Q. C. 1837p. 33; Brun & T. p. 33; Pant. 2p. III; Det. S. p. 1312: -(A. E. I., var.)

vars., A. S. Atlas 63f6-10:

vars., Woll. pl. 9ff6, 7, 10, 11:

JAPONICUS, Shadb.-T. M. S. 1852p. 319-24f13-21; Prit. 1852p. 24f13-21;

Bailey Coll.: Bull. Bot. Soc. Franc. 1879p. 33: (A. Japonicus.)---

JAPONICUS, E.-Abh. Ber. 1872p. 193; Cat. 1831p. XI: -(A. Ehrenbergii.)

NICOBARICUS, E.-Abh. Ber. 1854p. 165; Mik. pl. 36f35, 1p. 165:

M. D. 1p. 42f14: (A. Japonicus.)----

ORNATUS, E.-Abh. Ber. 1849p. 54; T. M. S. 1853p. 13; Prit. p. 342-11f13-21; J. Q. C. 1835p. 132; Jan. G. 1p. 12-1f3; I. B. f5; Ent. Sp. T. 12; Grun. 1838p. 26; Proc. Dublin Mic. Cl. 1835p. 4, em. icons; Sm. Sp. T. 1p. 45; Atlas 73f4-6; J. Q. C. 1835p. 173; Pant. 2p. III; Witt 1838p. II-2f15;

Det. Syll. p. 1311: (A. Japonicus & Nicobaricus; -dermitychus)

var., A. S., Atlas 73f10:

v. Montereyana, A. S., Atlas 73f7-9; Woll. pl. 9ff3, 9:

RUSSICUS, Pant. 2p. III; 3p. -15f223; Det. S. p. 1312: -(A. Simbirskianus.)-

SIMBIRSKIANUS, Pant. 3p. -15f223; Det. Syll. p. 1313: -(A. Russicus.)-

ARCISSOMIA. ----- *Archiessomia* 1879

BACULUS, Greg.-Cl. 1830p. 103; Det. Syll. p. 676: (Synsura.)-----

CORNIGERA, Grun.-Det. Syll. p. 676:

CRYSTALLINA, K.-Grun. in V. A. S.: Cl. 1830p. 103; Det. Syll. p. 676:

(Diatoma; -Synsura.)

ARDISSONIA. ----

-
- * v. bacillaris, Grun.-Cl. I33Op. I03; Det. S. p. 674: (Synedra b.)
 - * v. fossilis, Part. 2p. 64-26f402: Dew. S. p. 674:
 - * v. insignis, Grun.-Cl. I33Op. I03; Det. S. p. 674: (Synedra i.) ---
 - DALMATICA, K.-Det. Syll. p. 675: (Synedra i.) ---
 - DECIPIENS, Grun. & Cl.-Cl. I33Op. I03; Det. S. p. 675: "
 - FORMOSA, Hantzsch.-Cl. I33Op. I03; Det. S. p. 675: "
 - FULGENS, K.-Cl. I33Op. I03; Det. S. p. 674: (Gomphonema; -Liomoph.; -Syn?)
 - * v. eximia, Grun.-Det. Syll. p. 674: Hew. I367p. 4:
 - * v. cornigera, Grun.-Cl. I33Op. I03; Det. S. p. 674;
 - * v. gigantea, Lobarr.-Det. Syll. p. 674: (Synedra g.) ---
 - * v. Smithii, Grun.-V. 4. S. pl. 42f10:
 - PULCHERRIMA, Hntz.-Cl. I33Op. I03; Det. S. p. 675: (Synedra.) -
 - ROBUSTA, DeNot., Erb. Critt. Ital. I370 serie 2, No. 334; Gior. Bot. Ital. I371p. 95; Hew. Vol. I0p. 42; Breb. Ver. p. 9, f7; Det. S. p. 675: (Synedra.)
 - SUPERBA, K.-Grun., Cl. I33Op. I03; Det. Syll. p. 674: (Synedra.) ---
 - * v. minor, Grun.-Cl. I33Op. I03; Det. S. p. 675:
 - VANHEURCKII, Brin.-DeToni Syll. p. 676: (Synedra.) ----

ARISTELLA. ---- (Kz. / 133) -

- MINGIA, K. Syn. p. 500, f12; (Arist. crinita; -Gomphonema? -red.)

ARTHRODESMUS. --- (Chr. / 14) -

- STRIATULUS, E. Mich. Ber. I34Op. : (Gomphonema ~~Striatulus~~ var. p. -)

ARTHROGYRA. ---- (Chr. / 53) -

- GUATEMALENSIS, E. Mich. pl. 33-6f1; Prit. p. 332; M.D. pl. 42f3: Det. Syll. p. I370: (Melosira.) ----
- SEMILANARIS, E. Mich. pl. 33-6f2; Prit. p. 332; Det. S. p. I370: - (Melosira.) --

ASTERIONELLA. -- (Hassall, 1845) -

- , Lewis, N. & R. S. p. 63-2f10:
- , ~~Amad.~~ Nat. I338p. 510-13f17:
- BLEAKLEYI, S.B.D. 2p. 32; T.M.S. I36Op. I50-7f10; Prit. p. 779; N. & R. S. p. 33-2f9; Grun. I362p. 403; Carr. p. 31; R.E.D. p. 142; Hull; V. 4. S. p. I54-52f1; Malaisie; Villef. p. 65; Woll. pl. 46f7; Det. Syll. p. 679: (A. formosa, var., & notata.)
- * v. notata, Grun.-Hew. I367p. 2: - (A. notata.)
- CLEVELANA, O'M.-M.J. I374p. 259-3f6; Det. S. p. 379:
- FORMOSA, Hassall Mic. Ex. p. 10; S.B.D. 2p. 31; T.M.S. I36Op. I49-7f3; R.E.D. p. 141, f42a; Prit. p. 779-4f17; Grun. I362p. 403; Hew. p. 63-5f20; M.J. pl. 43f14; Carr. p. 31; Hull; Macdonald pl. 10f9; S. S. p. 1. 40; Ann. Al. p. 127-1f12; Lake Michigan; Italy; Delogne; V. 4. S. p. I54-51f19, 20; Cl. I39Ip. 63; Woll. pl. 31f16; Hew. p. 142; Det. Syll. p. 673: (A. Bleakleyi & Ralfsii.)
- * v. gracillima, Hntz.-V. 4. S. p. I54-51f22; T.No. 345; Woll. pl. 45f4, 3; A.M.M.J. I39Ip. 1f13; Herib. p. 142: (A. gracillima - (Diatoma.) ----

Spathulifera, Cl. - *Ofvers. Sv. Vet. Ak. Forh.* 1897 p. 191:
Cl. 1897 p. 191

affinis

" *v. punctifera*, Grav. - *Atlas 202 p. 118*:

Burboni, Bn. - *Lt. 2. 79. 27 p. 232-24 f. 13*.

- * v. inflata, Grun.-V. I. S. p. 154-51f23; (A. inflata.)
 * v. subtilis, Grun.-V. I. S. p. 1. 71f2; wolle pl. 46f2;
 * v. subtilissima, Grun.-V. I. S. p. 1. 51f2; wolle pl. 46f1;
 FRAUENFELDI, Grun. 1333. 140-141f3; 1333. 4: R. L. S. p. 112; Cl. V. p. 12:
 Del. S. p. 330; Thalassiothrix thalassiothrix; -Thalassiothrix nitzeioides)
 GLACIALIS, Cact. 1337 p. 50-14f1; Notat. 1339 p. 333; Del. S. p. 379:
 GRACILIPHA, 1316. 1. 33-31f9; Schm. 1337. 31; R. L. S. p. 141; Cl. V. p. 75:
 Cact. 1337 p. 51-25f6; Del. S. p. 373: -(A. formosa, v.: -Diatoma.) -
 INFLATA, 1316. 1. 39-31f2; R. L. S. p. 141; Del. S. p. 379:
 (A. formosa, var.: -Diatoma.)
 VARIANA, Grun.-Cl. 1333. 110-31f2; V. I. S. p. 1. 52f4, 5; Cl. V. p. 1. 47;
 Malaisie; Del. S. p. 379:
 NOTATA, Grun.-V. I. S. p. 1. 52f3; wolle pl. 46f3; Del. S. p. 379: -(
 (A. Bleakleyi.)
 RALFII, S. B. D. 2. 31; Bailey M. O. p. 39; T. M. S. 1330 p. 150-7f9; Prit. p.
 779-4f13; Grun. 1332. 403; Cact. 1. 31; R. L. S. p. 141, 142; Cl. V. p. 1. 47;
 V. I. S. p. 1. 52f2; wolle pl. 46f5, 3; Del. S. p. 373;
 (A. formosa, v.: -Diatoma stellare.)
 ROBERTII, Deby Coll. Photogr.: Del. S. p. 379; Delogne:
 SIMILIBRACHIIS, Grev.-A. M. S. 1. 1335. 4-31f5, 6; Del. S. p. 379:
 (Thalassiothrix frauenfeldii.)

ASTERODISCUS. -- (Johnson, 1852)

- JOHNSONI, Ralfs.-Prit. p. 339; Del. Syll. p. 1420: -(A., species omnes.) ---
 MONARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339; (A. Johnsoni.) ---
 QUINARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339: -
 SENARIUS, Johnston.-A. J. S. 1352 p. 33; Prit. p. 339;

ASTEROLAMPRA. -- (Chen, 1844)

- , Rabb. E. D. p. 35:
 --, Brun & T. p. 17-3f5: -(A. Grevillei.)
 ADRIATICA, Grun.-Rattr. Rev. p. 634: (A. vulgaris, v.: & Marylandica.)
 AEMULANS, Grev.-T. M. S. 1332 p. 52-3f34, 35; Rattr. Rev. p. 639; Atlas,
 137f13; Del. Syll. p. 1402;
 AFFINIS, Grev.-T. M. S. 1332 p. 55-7f7-9; Atlas 137f4, 5, 17; Rattr. Rev.
 p. 649; Del. S. p. 1403;
 ALIENA, Grev.-T. M. S. 1332 p. 55-3f43; Rattr. Rev. p. 635; Del. S. p. 1400:
 ALIIGIA, Grev.-T. M. S. 1332 p. 51-3f42-43; Rattr. Rev. p. 634; Del. S. p. 1400:
 ARACHNE, Grev.-T. M. S. 1330 p. 123; Atlas 137f27:
 (Asteromphalus (Spatangium) a. 2. 31f18.) -
 BALEARICA, Cl.-M. L. K. D. p. 20-5f59; Rattr. Rev. p. 640; Del. S. p. 1402:
 BEAUMONTII, Grev.-T. M. S. 1330 p. 115: (Asteromphalus.) -
 BREBISSEMANA, Grev.-T. M. S. 1330 p. 114-3f9; Prit. p. 335; wolle pl. 93f7;
 Rattr. Rev. p. 643; Del. S. p. 1404;
 CRISPEDICULIANA, Grev.-T. M. S. 1332 p. 43-3f23, 27; Rattr. Rev. p. 643;
 Atlas 137f15; Del. S. p. 1405: -(Craspedouiscus semipennis.) ---
 BROOKII, Grev.-T. M. S. 1330 p. 119-4f18; Sp. Sp. 7. No. 43; wolle pl. 93f3;
 (Asteromphalus; -Actinogramma, species multae.)

Maryland,

" ~~W. L. C. B. C.~~ - ~~1842~~, 1842 p. 232-24 f. 141

Maryland, vide Muller in Abh. Ber
1841 p. 232 6 f. 4 without name; 1842
Rathen -

- CONCINNA, Grev.-T.M.S. I352p.43-7f10-12; Atlas I37f16: Rattr.Rev.p.646; Carp. I33Ip.1f2; Del.Syll.p.I406:
 CRENATA, Grev.-T.M.S. I352p.47-3f14-16; Rattr.Rev.p.645; Del.S.p.I406:
 CULASIANA, Grev.-T.M.S. I350p.113-4f10; G.M. I350p.106; Rattr.Rev. p.643; Atlas I37f13; Del.S.p.I404; (Asteromph.)--
 DARWINII, Grev.-T.M.S. I350p.113-4f12,13; Woll. pl.93f1,2:
 var., Cast. I337p.136-13f9;
 DECORA, Grev.-T.M.S. I352p.45-7f4-6; Rattr.Rev.p.650; Del.S.p.I409;
 v. concentrica, Rattr., Rev.p.651; Del.S.p.I409;
 DECORATA, Grev.-T.M.S. I352p.46-7f13; Rattr.Rev.p.647; Del.S.p.I407:
 v. japonica, Br.-Bran I39Ip.10-13f7; Del.S.p.I407:
 DUBIA, Grev.-T.M.S. I352p.54-7f14; G.M. I350p.103; Rattr.Rev.p.650;
 Del.Syll.p.I399:
 ELEGANS, Grev.-T.M.S. I350p.113-4f13; Woll. pl.93f11:
 (Asteromphalus);
 EXIMIA, Grev.-T.M.S. I355p.99-3f10; Rattr.Rev.p.643; Del.S.p.I405:
 FLABELLATA, Grev.-T.M.S. I350p.116;
 (Asteromphalus; -Spatangidium f. & peltatum.)
 GREVILLI, Wallich.-T.M.S. I350p.113-4f12; Prit.p.336; Pers.p.73:
 Rattr.Rev.p.644; Woll. pl.81f5; Del.S.p.I405; (Asteromph.)---
 v. Adriatica, G.M.-V. I.S. pl.127f12; Italy; Vill. p.74; (Asteromph.)---
 v. eximia, Cast., I337p.136-3f5; Vill. p.74; (Asteromph.)---
 HEPTACTIS, Grev.-T.M.S. I350p.112:
 (Asteromphalus; -Spatangidium h. & Ralfsianum.)
 HEXACTIS, E.-Abh. Ber. I372p.1.9f1,2; (Asteromph.)---
 HILTONIANA, Grev.-T.M.S. I350p.117-4f15; Sm. Sp. 1.49; Woll. pl.81f1;
 A.M.M.S. I39Ip.1.2f43; (Asteromphalus.)---
 HOOKERI, Grev.-T.M.S. I350p.114; -(Asteromph. Bichii, Cuvier, H. & Ralfsianum.)
 IMBRICATA, Grev.-T.M.S. I350p.119-4f17; (Asteromphalus)
 IMPAR, Shadb.-T.M.S. I354p.17-1f14; -7 Rays; (Asteromph.)---
 KILTONIANA, Grev.-T.M.S. I352p.53-3f39; Rattr.Rev.p.637; Del.S.p.I400:
 LAEVIS, Grev.-T.M.S. I352p.51-3f33; Rattr.Rev.p.641; Del.S.p.I403;
 MARGATA, Grev.-T.M.S. I352p.50-3f30; W.C. 2p.7-5f7; Del.S. 1.100f16; Atlas I37f22; Rattr.Rev.p.634; Del.Syll.p.I393:
 (Asteromph.)---
 v. minor, W.C. 2p.7-5f3; (Asteromph.)---
 MARYLANDICA, E.-Abh. Ber. I344p.73, f10; A.S.S. I345p.1.4f"B": W.S.A.p.129; M.S. I350p.94-5f3; T.M.S. I350p.47-2f15; p.103-3f1-4; I352p.44-7f1-3; Prit.p.336-11f33; M.C. pl.19f5; Cast. Rep. I374, f4; Cl. Java p.5; J.Q.C. I335p.172; I337p.36; Malaisia; Atlas I37f19-21; Pers.p.75; Vill. p.73; Rattr.Rev.p.641; Woll. pl.81f1,4,5,6; Pant. 2p.110; Del.Syll.p.I403:
 (Asteromph.)---
 var. "b", Wallich.-T.M.S. I350p.113-2f13; Rattr.Rev.p.641;
 var. "g" Lamour., Wall.-T.M.S. I350p.113-2f14; Rattr.Rev.p.642:
 v. appropinquans, Grev.-Rattr.Rev.p.642:

7 Hallam Atlas 202 f 15:

+ vulgaris, Atlas 202 f 14-16:

- * v. *Aisonia*, *Castr. Med.* I374p. 3I, f3; I375p. 393-3f4; (A. *Marylandica*.) ---
 * v. *fossilis*, *Pant.* 2p. III:
 * v. *major*, *Perag. Villef.* p. 74: (A. *Marylandica*, "b".) -
 MORONENSIS, *Grev.* - *M.O.* I333p. 230-9f3; *Wolle* pl. 3If2;
Atlas 33f24: (Asteromphalus.) ---
 NICOBARICA, *Gr.* - *V.H.S.* pl. I27f7; *Rattr. Rev.* p. 339; *Det. S.* p. I402:
 PELAGICA, *E.* - *Abh. Ber.* I34Ipl. 3f4p. 232; I354p. 233; -(A. *Marylandica*.) ---
 PRINCEPS, *Rattr. Rev.* p. 344; *Det. Syll.* p. I405: -(A. *Grevillei*, v. *eximia*.)
 PULCHRA, *Grev.* - *T.M.S.* I332p. 53-3f37, 33; *Rattr. Rev.* p. 339;
Det. Syll. p. I40I: -(A. *Weissflogii*.?)
 PUNCTATA, *Grev.* - *T.M.S.* I332p. 5I-3f32; *Rattr. Rev.* p. 340; *Det. S.* p. I402;
 RAFFESIANA, *Grev.* - *T.M.S.* I332p. 50-3f3I; *Atlas* I37fI4; *Rattr. Rev.* p. 339;
Wolle pl. 3If3; *Det. Syll.* p. I393:
 ROPERIANA, *Grev.* - *T.M.S.* I330p. II9-4fI4;
 (Asteromphalus; -*Mesasterias Abyssii*.) ---
 ROTULA, *Grev.* - *T.M.S.* I330p. III-3f5; *Prit.* p. 333; *Castr. Med.* I374p. 3I;
 I375p. 393-3f3a; *Rattr. Rev.* p. 343; *Wolle* pl. 93fIO; A.M.M.O. I39Ipl.
 2f47; *Det. S.* p. I404: (A. *Grevillei*, v. *Auratiaca*)
 RYLANDSIA, *Grev.* - *T.M.S.* I332p. 49-3f23, 29; *Rattr. Rev.* p. 343; *Atlas*
 I37f3, 9; *Det. S.* p. I408;
 SARCOPHAGUS, *Grev.* - *T.M.S.* I330p. I24: (A'omph.) -
 SCUTULA, *Grev.* - *T.M.S.* I332p. 52-3f47; *Rattr. Rev.* p. 339; *Det. S.* p. I40I:
 SEPTENARIA, *Johnston.* - *A.O.S.* I35Ip. 33: -(A. *Marylandica*; -*Actinogramma*.) -
 SHADDOLEIANA, *Grev.* - *T.M.S.* I330p. I2I-4fI9; (A'omphalus.) -
 SIMULANS, *Grev.* - *T.M.S.* I332p. 52-3f36; *Rattr. Rev.* p. 333; *Det. S.* p. I40I;
 SPLENDIDA, *Rattray, Rev.* p. 343; *Det. S.* p. I407: -(A. *vulgaris*, "e".)
 STELLA, *Norman, T.M.S.* I33Ip. 6-2fI; -(*Stelladiscus*.)
 STELLATA, *Grev.* - *T.M.S.* I330p. I24-4f20: (Asteromphalus.) --
 STELLULATA, *Grev.* - *T.M.S.* I332p. 54-7f40; *Rattr. Rev.* p. 333;
Det. Syll. p. I400:
 TENERRIMA, *Rattray, Rev.* p. 349-3fI3, 20; *Det. S.* p. I403;
 TRADUCENS, *Rattray, Rev.* p. 339-3f22; *Det. S.* p. I400:
 URASTER, *Gr. & St.* - *J.Q.C.* I337p. I43-I3f42; *Rattr. Rev.* p. 343;
Det. Syll. p. I407; *Notar.* 1888p. 465:
 VARIABILIS, *Grev.* - *T.M.S.* I330p. III-3f3-3; *Prit.* p. 333; *Wolle* pl. 93f2;
 (Asteromphalus.) ---
 VANHEURCKII, *Br.* - *Brin* I39Ip. IO-I4fI; *Det. S.* p. I403;
 VULGARIS, *Grev.* - *T.M.S.* I332p. 47-7fI7-20; *J.Q.C.* I337p. 42, 55-4I
 IO: *Atlas* I37fIO, I2; *Rattr. Rev.* p. 343; *Det. S.* p. I403: -(Asteromphalus.) -
 * var., A.S., *Atlas* I37fII:
 * var. "a", *Grev.* -
 * var. "b" *Grev.* - *T.M.S.* I332p. 47-7f2I; *Rattr. Rev.* p. 347: -(A. *vulgaris*.)
 * var. "c" *planior*, *Grev.* - *T.M.S.* I332p. 47-7f22; *Rattr. Rev.* p. 347;
Det. Syll. p. I407:
 * var. "d" *cellulosa*, *Grev.* - *T.M.S.* I332p. 47-7f23; 3f24; *Rattr. Rev.*
 p. 347; *Det. S.* p. I407:
 * var. "e", *Grev.* - *T.M.S.* I332p. 47-7f25: (A. *splendida*.) ---
 WALLICHIANA, *Grev.* - *T.M.S.* I330p. II5-4fII: (Asteromphalus.) ---

7 atlanticus, cl. R.S. Ak. Rep. 22 (3) left 4 p. 5: cl. 1897 p. 19:
Gran h. e. pl. 4 f. 3

WEISSBLOGII, Grun., V.H.S.pl.127f9; Pelletan, Vol.1, p.206, f112: Vol.2, p.170, f427; Rattr.Rev.p.651: Del.Syll.p.1409: (A.pulchra, v.9) -

ASTEROMPHALUS. - (Grev., 1844)

- , L.W.B., Amer.Nat.1363p.510-13124: -(A.hiltoniana.)
- AMARCTICUS, Castr.1337p.135-13f11; Notar.1339p.745; Del.S.p.1413:
- ARACHNE, Breb.-Prit.p.337-5f36; Jan.Gu.p.14-12, f13; 2b, f16: Atlas 33f3,4; M.T.P.4-5-3; Cl.Vega p.514; Villef.p.75; Woll. pl.31f4; Rattr.Rev.p.665; Del.S.p.1417: (Spatangium: - (A'lampa.: -Excetion caneroides; -A.malleus & malleiformis.)
- BEAUMONTII, E.-Abh.Ber.1344p.200, f5; K.S.A.p.130; Prit.p.337; Jan. Gu.p.12-2b, 120; M.J.pl.43f15; Rattr.Rev.p.666; Del.S.p.1412: (A'lampa.heptactis & B.)----
- BRAUNII, Jan.-Gu.p.14-2b, f33; Rattr.Rev.p.667; Del.S.p.1419;
- BREBISSONII, Jan.Gu.p.15-2b, f28; Rattr.Rev.p.666; Del.S.p.1419; (Asterolampa.)----
- BROCKEI, Bailey.-A.J.S.1356p.2-111; Prit.p.337-5f79; Cl.1373p.10-4f 19; Atlas 33f9, 21-23: Carp.1331pl.1f4; Brin & T.p.63; Mobile; Rattr. Rev.p.657; Italy: Del.S.p.1412: (Actinogramma; -Asterolampa.) -
- " v.robusta, Castr.-Rattr.Rev.p.658; Del.S.p.1412: -(A.robustus.) -
- BRUNII, Pant.3p. -21f309; Del.S.p.1419;
- BUCHII, E.-Abh.Ber.1344p.200, f4; K.S.A.p.130: (A.Hookeri.)---
- CENTASTER, Johnston.-M.J.1360p.12-1f10; T.M.S.1360p.124; Prit.p. 333-3f14; Rattr.Rev.p.654; Del.S.p.1410:
- CHALLENGERENSIS, Castr.1337p.134-5f2; 9f2: Del.Syll.p.1413: (A.Kinkeri & Hungaricus.)
- CLEVEANUS, Grun.-Atlas 33f13, 14; Rattr.Cosc.p.662: Del.S.p.1415; Malaisie: (A.wallichianus, v.)---
- CLEVEI, Grun.-Cl. & M.Nos.145; 145^{sub};
- COHNII, Jan.Gu.p.13-2b, f25; Rattr.Cosc.p.667: Del.S.p.1419;
- CUVIERI, E.-Abh.Ber.1344p.200, f7; Mik.pl.35A-2f1; K.S.A.p.130; Jan.Gu.p.13-2b, f21: (A.Hookeri.)---
- DALLASIANUS, Grev.-Ralfs, Prit.p.336: (A'lampa.)----
- DARWINII, E.-Abh.Ber.1344p.200, f1; K.S.A.p.120; Prit.p.339-5f36; Rattr. Cosc.p.663; Atlas 33f16; Del.S.p.1415: -(A.Rossii: -Asterolampa.)
- DEBYI, Pant.3p. -21f305; Del.Syll.p.1419;
- DENARIUS, Jan.Gu.p.13-2b, f22; Rattr.Cosc.p.666: Del.S.p.1419;
- ETREMBERGII, Jan.Gu.p.13-2b, f27; Rattr.Cosc.p.667; Del.S.p.1419;
- ELEGANS, Grev.-M.J.1359p.131-7f3; T.M.S.1360p.46-2f10; Prit.p.337- 5f37; Jan.Gu.p.13-1a, f10; Atlas 33f1, 2; Fortm.Cey.p.71; Cl.Vega p. 514; Rattr.Cosc.p.660; Del.S.p.1413: (A.rarus; -A'lampa.)
- FLABELLATUS, Breb.-Grev., M.J.1359p.130-7f4, 5; Prit.p.337; Jan.Gu.p. 13-2b, f25; Atlas 33f10-12; Petit Cat.p.40; Italy: Woll. pl.31f3; Cl. Java p.5; 1373p.13; Vega pp.504, 510; Perag.p.76; Rattr.Rev.p.662; Malaisie; Del.S.p.1414: -(Asterolampa(Spatangium)f. & peltatum.)---
- " v.Terrestina, Grun.-V.H.S.pl.127f5, 6: (A.flabellatus)
- GREVILLEI, Wallich.-T.M.S.1360p.47-2f13; (A'lampa.)----

+ heptastis, Atlas 38 f5-8: cl. 1897 p. 19:

Nankooensis, Grevillea Vol. 1 p. 92-6 f9:

- GROVEI, Pant. 3p. -24f356; Det. Syll. p. I4I9:
 HEPTACTIS, Bred.-Raf. Prit. p. 333-3f2I; Ratt. Cose. p. 354; Det. Syll. p. I4I6: - (A. Beaumontii; -A'lampra; -Spatangidium h. & Raf. sianum.) --
 HILTONIANUS, Grev.-Raf. Prit. p. 337; Fortm. Cey. p. 7I; Ratt. Cose. p. 353; Det. S. p. I4I4: (Asterolampra.)
 IOWERI, E.-Abh. Ber. I344p. 200, f3; Mik. pl. 35A-2If2; K. S. A. p. I30; Prit. p. 333-III34; M. O. p. I. 19f2; Cl. Vega p. 437; Ratt. Cose. p. 350; Det. Syll. p. I4I0: (A. nichii, Clavier & Imboldt.) --
 JONKODTII, E.-Abh. Ber. I344p. 200, f3; Mik. pl. 35A-2If2; K. S. A. p. I30; Det. & R. p. 4-3fII; Atlas 33f13-20; Malacoderm. (A. & A'lampra) --
 HUNGARICUS, Pant. 2p. III; 3p. -30f436; 3If45I; (A. Challengensis.) -- Det. Syll. p. I4I9:
 IMBRICATUS, Wallich.-T. M. S. I36Op. 46-2f9; Prit. p. 337; Ratt. Cose. p. 35I; Det. S. p. I4I4: (A'lampra.) ---
 " var. "b" rectiradiata, Wallich.-T. M. S. I36Op. 46; Ratt. Cose. p. 35I:
 " var. "g", Wallich.-T. M. S. I36Op. 46:
 IMPAR, Clave Vega p. 504: (A. Marylandicus.) ---
 KINKERI, Pant. 3p. -24f357; Det. S. p. I4I9: (A. Challengensis.) ---
 KOSMIZKIANUS, Pant. 3p. -25f333;
 MALLEIFORMIS, Wallich.-Ratt. Cose. p. 504; -A. malleus): -Error in pl. explic.
 MALLEUS, Wallich.-T. M. S. I36Op. 47-2fII: -(A'lampra. & Spatang. arachne.) -
 MARYLANDICUS, Fortm. Cey. p. 7I: (Asterolampra.) -
 MORONENSIS, Grev.-Atlas 33f24; Ratt. Cose. p. 359; Pant. 2p. III: Det. S. p. I4I2: (A'lampra.) ---
 NANKODRENSIS, Grev. I333p. I04-I2, I22; Ratt. Cose. p. 355; Det. S. p. I4I1;
 " v. minor, Grev.-V. A. S. pl. I27fI3: (A. Nank.) ---
 OVATUS, Cast. I337p. I32-5f7; Notar. I339p. 745; Det. S. p. I4I3:
 PRINGSHEIMII, Jan. G. p. I3-2b, f25; Ratt. Rev. p. 353; Det. S. p. I4I9: -
 RAFFSIANUS, Norman.-Atlas 33f5-3; M. T. P. 4-3-6: (A. heptactis.) --
 RARUS, Ratt. Cose. p. 354; Det. S. p. I4I6: (A. elegans, v.) --
 RETICULATUS, Cl. Vega p. 5-If2; V. A. S. pl. I27fII; Ratt. Cose. p. 353; Det. S. p. I4I5;
 ROBUSTUS, Cast. Med. I375p. 6f5; Villef. p. 75-2fI5: (A. Brookei, v.) ---
 ROPERIANUS, Grev.-Raf. Prit. p. 333; Atlas 33fI5; Ratt. Cose. p. 357; Det. S. p. I4II: (Asterolampra.)
 " v. Atlanticus, Cast. I337p. I33-5f3; Not. I339p. 745; Det. S. p. I4II:
 " v. sexradiatus, Schultze.-T. B. C. I337p. 96 cum icone; Notar. I339p. 349; Det. Syll. p. I4II:
 ROSSII, E.-Abh. Ber. I344p. 200, f2; Mik. pl. 35A-2If4; K. S. A. p. I30; (Asterolampra.) ---
 SARCOPHAGUS, Wallich.-T. M. S. I36Op. 47-2fI2; Prit. p. 333; Ratt. Cose. p. 356; Det. S. p. I4I3: (Asterolampra.)
 SENECTUS, Brun. & T. p. I7-3f2; Det. S. p. I4I3: (A. Moronensis, v.) ---
 SHADBOLDTIANUS, Grev.-Raf. Prit. p. 333; Atlas 33fI7; I37f25; Ratt. Cose. p. 355; Det. S. p. I4II: (A'lampra.) ---
 STELLARIS, Brun. & T. p. I7-3fI; Det. Syll. p. I4I3: (A. Marylandicus, v.) ---
 STELLATUS, Grev.-Raf. Prit. p. 333; Ratt. Cose. p. 353; Det. S. p. I4I1; (Asterolampra.)

VARIABILIS, Grev.-Rattr.Cosc.p.655: Del.Syll.p.I410: -(Aster blanda.)--
 WALLICHIANUS, Grev.-Ralfs,Prit.p.337; Cl.Java p.5-I11; Fortm.
 Cey.p.71; Brun & T.p.63; Rattr.Cosc.p.655: Del.Syll.p.I410:
 (A. blanda.; -A. cleveana.)
 WYVILLI, Castr.I337p.I34-5f3; Notul.I339p.745; Del.S.p.I413:
 WYVILLE-THOMPSONIANUS, O'M.-J.L.S.I375p.57-I15; Rattr.Cosc.p.659;
 Del.Syll.p.I413:

ATTREYA. ----- (Nack, 1860.)-

DECORA, ~~Wass.~~ T.M.S.I360p.I53-7f15; Prit.p.363-3f35; R.E.D.p.322; M.
 G.pl.42f39; Carr.p.96: Sm.Sp.1.50; LeD.No.9,p.I06-I3f14; Del.S.p.
 770: (Navicula hyalosira.)----
 " v. hyalina, Perag.-LeD.No.9p.I06; (A. hyalina.)
 " v. minuta, Perag.-LeD.No.9p.I06: (A. minuta.)
 HYALINA, Perag.-Deloni, Syll.p.322: (A. decora, v.)--
 MINUTA, Perag.-Deloni Syll.p.322: (A. decora, v.)-
 ZACHARIOESI, Brun. - LeD, vol. 2 No. 19 p. 148; Biol. Clot. 1894, no. 2.

AULACOCYSTIS. -- (Hassall, 1844.)-

PELLUCIDA, Hassall Alg.p.427-I02f3; (Navicula; -Amphipleura.)-

AULACODISCUS. -- (Ehrh., 1744.)-

--, A.S., Atlas I24f10: --, I33f7:
 --, A4S., Atlas I43f6, 7: --, I53f2:
 ACUTUS, Rattr.-J.R.M.S.I333p.363: J.Q.C.I339p.33-3f4; Del.S.p.III7:
 Part.2p.I01-3f119;
 ADONIS, Brun & T.p.I3-3f10: Del.S.p.I099:
 AFFINIS, Gran.-Atlas 34f9, 10; J.R.M.S.I333p.359; Del.Syll.p.III0:
 Part.Ip.57; 2p.I01; (A. Lunyacksekii. Major.)-
 " v. constricta, Rattr.-J.R.M.S.I333p.360: Del.S.p.III0:
 " v. Lunyacksekii, Part.-J.R.M.S.I333p.360; Del.S.p.III0: -(A. Lunyacksekii.)

AFRICANUS, Cottam.-J.Q.C.I376p.I2f1-3, 6: M.M.J.I376p.252: (A. Vitt., v.)
 AMOENUS, Grev.-T.M.S.I364p.I0-I15; J.Q.C.I335p.I71; Atlas I45f14; J.
 R.M.S.I333p.357; Malaisie; Brun & T.p.69; Del.S.p.II03: " 41f13:
 (A. angulatus, v. Jap.: -A. pellucidus.)----
 " vars., A.S. Atlas 34f6; -(A. amoenus.) --, 41f5;
 " vars., A.S., Atlas I57f6: --, Brun & T.p.69:
 " v. imbricata, Part.Ip.77-2f16; J.R.M.S.I333p.355; Part.2p.I01;
 Notul.I335p.512; Del.S.p.III0:
 " v. minor, Gro. & St.-J.R.M.S.I333p.353; Del.S.p.II09:
 " v. sparsa-radiata, Gro. & St.-J.Q.C.I337p.9; Atlas pls.I33f4-6;
 I34f7: (A. amoenus.)
 " v. subdecora, Rattr.-J.R.M.S.I333p.353-7f5; Del.S.p.II09:
 " v. tumida, Part.Ip. --2f12:
 ANANINENSIS, Part.2p.I01-2f1309; Del.Syll.p.II29:

- ANGULATUS, Grev.-T.M.S. I333p.7I-4fI5; Atlas 34f7,3; IO3f2; IO5f7,3; IOIf4; J.R.C. I335p. I73; I337p.9,73; J.R.M.S. I333p.347; Brun & T. p.39; Det.Syll.p.I093:
 * v. Hungarica, Rattr.-J.R.M.S. I333p.347; Not. I333p.3I4; Det.S.p.I093: (A. Hungaricus).
 * v. Japonica, Brun & T. p. I3-3fI4: (A. amoensis.)---
 * v. Neogradensis, Pant. Rattr., J.R.M.S. I333p.347; Notat. I333p.3I5; Det.S.p.I093: (A. N. & subangulatus.)---
 * v. plana, Rattr.-J.R.M.S. I333p.343; Det.S.p.I099:
 ANTHOIDES, A.S., Atlas IO3fI; J.R.M.S. I333p.357; Det.S.p.II07:
 ANTIQUUS, Pant. 2p. IOI-I3f29I; Det.S.p.II29:
 APEDICELLATUS, Rattr.-J.R.M.S. I333p.349; Atlas IO3f4; Pant. 2p. IOI; Det.S.p.II00:
 ARCANGELSKIANUS, witt I335p. I3-3fII, I2; Atlas IOIf7-II; Pant. Ip. 30-IOf33; J.R.M.S. I333p.353; Det.S.p.II03:
 ATEOLATUS, O'M.-M.O. I373p. IO4: (A. Rogersii.)--
 ARGUS, E.-Atlas IO7f4; J.R.M.S. I333p.373; Wollé pl.30fII; Malaisie: Det.S.p.II2I: Eulodiscus, etc.,;)
 ASIATICUS, Br.-Atlas I53fI; IO9f2,2a; Det.S.p.II33;
 * v. vallonea, Brun.-Atlas I69f3,4; Det.S.p.II33;
 AUKLANDICUS, Grun.-Atlas 4If3; J.R.M.S. I333p.334; Det.S.p.III4; Malaisie:
 * v. late-inflata, Rattr.-J.R.M.S. I333p.335; Det.S.p.III4;
 ATTENUATUS, Rattr.-J.R.M.S. I333p.355-3f2; Det.S.p.II07:
 BARRADENSIS, Ralfe, Prit.p.939; Atlas I46f3; J.R.M.S. I333p.340; Det.S.p. ~~1095~~ 1095: (A. notatus.)---
 BEVERIAE, Johnston.-Prit.p.344-3f5; Atlas 33fI2; Cl. Vega p.500; J.R.C. I337p.9; J.R.M.S. I333p.340; Det.S.p.I092: (A. Rattrayi.)---
 * v. Ceylanica, Grun.-J.R.M.S. I333p.340; Det.S.p. ~~1094~~ 1094: (A. Comberi, v.)---
 BOLIVIENSIS, Breb.-Prit.p.343: (A. formosus.)-
 BORYANUS, Pant. 2p. IOI; 3p2. -3f43; Det.S.p.II3I:
 BRIGHTWELLII, Ralfe, Prit.p.343: (A. formosus.)--
 BRIGHTWELLI, Jan. Gu. p. I5-2f7; Girard Moss. p. I4, pl.4; Atlas 33f3,9:
 BROWNEI, Norman.-Prit.p.344; Atlas 33fI5, I6; IO5f6; J.R.M.S. I333p.34I; Wollé pl.33fIO; Det.S.p.I093;
 BRUNII, A.S., Atlas I57f5; I69fII; Det.S.p.II33;
 CALIFORNICUS, Bailey.-Wollé pl.33f5; Det.Syll.p.II33:
 CARRUSHUSII, ---Error in print:--A. Carruthersianus.
 CARRUTHERSIANUS, Gro. & Kitt. in J.R.M.S. I333p.364-5f7; Atlas I46fI; Det.S.p.III4;
 CATENARIUS, witt.-Atlas IO5f2; IO5f3:-(A. margaritaceus, v. Kinkeri.)---
 CELLULOSUS, Gro. & St.-J.R.C. I337p. I40; Atlas I24f2; Notat. I337p.343; Det.S.p.II00:
 CHASEI, Pant. II. 57-29f294; J.R.M.S. I333p.332:-(A. Chaseni, v.)---
 CINCTUS, Grev.-Rattr., J.R.M.S. I333p.333; Det.S.p.III5:-(A. inflatus, v.)---
 COMBERI, Arn.-Prit.p.341; Cl. & V. 279; Atlas 23fII; IO3f7; J.R.M.S. I333p.34I-7f7; Det.Syll.p.I094: (A. Hooibshawii, Mulleri, Beveriae, v.)-

- * v. Ceylanica, Grun.-Cl. & M. 273; Vera 1.509: (A. Comberi.)--
 * v. irregularis, Rattr.-J.R.M.S. 133p. 342-6f5; Det. S.p. 1094;
 * v. Oamaruensis, Gro. & St.-J.Q.C. 1337p. 3, 140;
 COMPACTUS, Rattr.-J.R.M.S. 133p. 354-5f3; Det. S.p. 1105;
 CONCINNUS, Kitch.-J.R.M.S. 133p. 374-5f4; Pant. 2p. 101-6f III;
 Det. S.p. 1123;
 CORNUCUS, Br.-Atlas 170f2, 2a: Det. S.p. 1133;
 CONVEXUS, J.Q.C. 1337p. 140-12f32: -(A. Rattrayi, v. convexus.)---
 CORONATUS, Gro.-J.R.M.S. 133p. 379; Det. S.p. 1127;
 CRATER, Brun & T.p. 19-4f5; Atlas 153f4, 5: Det. S.p. 1123:
 (Tschestnovia mirabilis.)---
 CRUCIFER, A.S., Atlas 41f4: (A. Petersii: -Eupodiscus.)---
 CRUCIATUS, Pant. 2p. 101-16f269; Det. S.p. 1123;
 CRUX, E.-Abh. Ber. 1344p. 76; Mg. pls. 13f47; 35A-16f2; ^{a. margar.} Prit. p. 347; M.D.
 pl. 41f43; Weisse Gu. pl. 1f12; Jan. Gu. p. 16-1a, f12; 2f13; Girard Foss.
 p. 12-3f4; M.T.P. 4-3-8; Atlas 105f5; 41f12; 124f1; Atlantic
 City; J.Q.C. 1337pp. 3, 76; Grun. 1334p. 17; J.R.M.S. 133p. 350; Pant. 2p.
 102; Wille pl. 33f1: Det. S.p. 1101: (Eupodiscus
 & crucifer: -A. margaritaceus, quiniarius & Solitarius.)
 * v. glacialis, Grun. 1334p. 17-2f32: (A. Solitarius, v.)--
 * v. papulifera, Br.-Atlas 162f6;
 * v. Peruana, A.S., Atlas 102f5; 124f3: -(A. margaritaceus) 33f1-3:
 * v. sinuata, Grun. 1334p. 17-2f32; J.R.M.S. 133p. 350-3f3; Det. Syll. p. 1101;
 Atlas 157f3, 4; 162f4:
 * v. tenera, Witt 1335p. 19-6f10; Pant. 2p. 102: -(A. margaritaceus, v.)
 DARWINII, Pant. 2p. 102-15f254; Det. S.p. 1130;
 DEBYI, Pant. 1p. 56-25f226; J.R.M.S. 133p. 351; Notar. 133p. 312:
 (A. margaritaceus, v.)---
 DECORUS, Grev.-T.M.S. 1334p. 34-10f2; Atlas 33f9; W. & C. Ip. 4-2f10; J.Q.
 C. 1337p. 3; J.R.M.S. 133p. 345; Wille pl. 33f2; Det. S.p. 1096:
 (A. elegans, p.p.)---
 * v. Canariensis, Rattr.-J.R.M.S. 133p. 345-6f3; Det. S.p. 1096;
 * v. Stoschii, Rattr.-J.R.M.S. 133p. 345; Det. S.p. 1096: -(A. Stoschii.)---
 DEFORMIS, (A. Kittoni, v.: -Eupodiscus.)---
 DISPERSUS, Rattr.-J.R.M.S. 133p. 346-5f9; Det. S.p. 1097; Led. Vol. 1p.
 2-2f3: (A. spectabilis.)---
 ELEGANS, E.-Mik. p. 226: (A. discoides.)---
 ELEGANS, Gro. & St.-J.Q.C. 1337p. 140-12f32; J.R.M.S. 133p. 349; Atlas
 146f3; Det. S.p. 1100:
 EXCAVATUS, A.S., Atlas 36f10; J.R.M.S. 133p. 367; Pant. 2p. 102-23f345;
 Det. Syll. p. 1117:
 * v. apiculata, Rattr.-J.R.M.S. 133p. 368-6f4; Det. S.p. 1117;
 EXIGUUS, Witt 1335p. 19-3f6; Atlas 101f22; J.R.M.S. 133p. 345;
 Det. Syll. p. 1095;
 * v. undulata, Rattr., J.R.M.S. 133p. 345-6f7; Det. S.p. 1095;
 EXTANS, Grev.-T.M.S. 1334p. 37-12f1; (A. mammosus, v.)
 FURFOSUS, Arn.-Prit. p. 346; M.D. 133p. 3-2111, 2; Atlas 3117, 3; 10713:
 Sm. Sp. 1.51; B.S.B. 1379p. 4; J.R.M.S. 133p. 362; Det. S.p. 1112;
 (A. Bolivienensis & Brightwellii.)---

> Hartianus, Nelson. - J. Q. C. 1884 p. 371 = Error = A. Sturtii: J. Q. 1884 S. 2 p. 181

+ Huttonii,

> " var. dichotoma, Bn. - Led. vol. 2, No. 22 p. 232-23 f 12:

+ inflatus.

> " forma Hillabyana, Bn. - Led. 27: 22 pl. 23 f 10:

> " forma, Bn. - Led. 27: 22 p. 232-23 f 11:

- GERMANICUS, A.M.E. - (Eupodiscus; -Tripodiscus.)----
- GIGANTEUS, Brun & T.p. I9-4f15; Atlas I62f2, 2x: I70f4; Det. Syll. p. II27;
 " v. permagna, Br.-Atlas I70f3;
- GIGAS, Grev.-T.M.S. I365p. 23-4f23; Br. & T.p. 69; Det. S.p. II27;
- GRACILIS, Rattr.-J.R.M.S. I333p. 36I-5fI; Det. S.p. IIII;
- GRANDIS, W. & C. Ip. 3-If9; Notar. I333p. I46; (A. spectabilis.)
- GREVILLEANUS, Norman.-T.M.S. I364p. IO-IfI; J.R.M.S. I333p. 343;
 Det. Syll. p. IO99;
- GRONOVII, C. & J. C. I335p. I7I-I2f3; Atlas 92fI; IO7fI, 2; Part. Ip. 53-
 IIIf93, 95; U.R.M.S. I333p. 37I; Notar. I333p. 313; Det. Syll. p. II25;
 (A. Kinkerianus.)---
- " v. imitata, Part. Ip. 59-I2fI2; - (A. Kinkerianus.)
- " v. Squarrosa, Part. Ip. 59-II4; 2f. IO2; J.R.M.S. I333p. 372; Det. S.p. II2I;
- " v. Squarrosa, Part. Ip. 53-II3; I2fIOO; 2f. IO2; J.R.M.S. I333p. 372;
 Det. Syll. p. II2I; Atlas 92fI; - (A. Kinkerianus.)
- GUROVII, Part. 3p. -2If3I3; Det. Syll. p. II32;
- HABIRBSHAMII, Part. Ip. 53-29f296; Notar. I333p. 6I5; (A. Comberii.)
- HAYNALDII, Part. 2f. IO2-30f429; Det. Syll. p. II32;
- HISPIDUS, Part. 2p. IO3-3f43; Det. S.p. II23;
- HUNGARICUS, Part. Ip. 57-25f23I; 2p. IO3; (A. angulatus, v.)-
- HUTTONII, Grun. Mss.: -(A. Janischii.)-----Grove & St., J.Q.C. I337p. I40-
 I2f3I; Atlas I24f6; I46f3; J.R.M.S. I333p. 36I; Not. I333p. 466;
 Det. Syll. p. III3;
- HYALINUS, Part. Ip. 53-If5; 2f. IO5; J.R.M.S. I333p. 342; Notar. I333p. 6I4;
 Det. S.p. IO94;
- HYSTRIX, Part. 2p. IO3-I6f273; Det. Syll. p. II23;
- IMPERFECTUS, Grun. I384p. I7; Det. S.p. II34; (Cosmoidiscus.)
- INFLATUS, Grev.-T.M.S. I363p. 69-4fI2; Atlas 35f9; 92f4; J.R.M.S.
 I333p. 362; Det. S.p. III2; (A. cinetus.)-
- " v. huttoni, Grun.-Botan. Centralb. Vol. 3Ip. I33, No. 5: -(A. Janischii.)----
- " v. minor, Rattr.-J.R.M.S. I333p. 362-7f4; Det. S.p. III2;
- " v. stellatus, Rattr.-J.R.M.S. I333p. 362-7f3; Det. S.p. III2;
- INTERRUPTUS, Part. 2p. IO3-IIIfI39; Det. S.p. II3I;
- INTUMESCENS, Rattr.-J.R.M.S. I333p. 359-5f6; Det. S.p. II09;
- INVICTUS, A.S., Atlas I34f2, 5; I70fI; Det. S.p. II33;
- JANISCHII, Gro. & St.-J.Q.C. I337p. I39-III23; I3fI2, 6; Notar. I337p. I39;
 J.R.M.S. I333p. 363; Det. S.p. III3; -(A. Huttoni, Grun.: -A. Stoschii, p. I.)--
- " v. abrupta, Gro. & St.-J.Q.C. I337p. I39; Atlas I45fIO: -(A. Janischii.)--
- " v. areolata, Rattr.-J.R.M.S. I333p. 364; Det. S.p. III3; -(A. Janischii.)--
- JOHNSONII, Part. 2p. -4fI36; - (A. Janischii.)
- JOHNSONI, Arn.-Plat. p. 344; J.Q.C. I375p. I2fI7; Atlas 30fI, 2; 4fI7-IO;
 IO3fI; Halakisia; (A. Johnsoni.)---
- JONESIANUS, Grev.-T.M.S. I362p. 24-2f5; (A. scaber, v.)--
- JUTLANDICUS, Kitt.-J.Q.C. I37Ip. I33-I3fI3; Atlas 4fI5; -(A. Sollicit., v.)
- KELLERI, Part. 2p. IO3-5f77, 79; Det. S.p. II3I;
- KILGELLYANUS, Grev.-T.M.S. I365p. 70-4fI4; J.R.M.S. I333p. 344;
 Atlas IO2f3; Det. S.p. IO95;

+ Kittoni. - Cant 1891 pl. 1 f 5:

γ "var., mills. - J.R.M.S. 1881 p. 866-11 f 1: - (a. Kittoni.)

γ var. mills. - J.R.M.S. 1881 p. 866-11 f 1:

- v. minor, Rattr.-J.R.M.S. 1333p.344; Det. Syll. p. 1093;
 v. sparsus, Rattr.-J.R.M.S. 1333p.344; Det. S.p. 1093: (A. sparsus.) ---
 KINKERI, A.S., Atlas 103f4, 5; Wollé pl. 33fII: -(A. margaritaceus, v.) ---
 KINKERIANUS, Nott.-W. & C. Ip. 3-If3: (A. Grunowii.) ---
 KITIONII, Arn.-Prit. p. 344-3f24; J.R.M.S. 1333p.375; M.
 J. 1330p.95-3f13; 1374p.22; J.D.C. 1375p.1.12f4-5; 1377p.42, 127-3f11;
 Atlas 33f5-7; 4f15; Sp. Sp. 1.72; A.S.V.S. 1332p.253; Cl. & M. III; J.R.
 M. 1335p.35, 37; M.T.P. 4-5-5; Wollé pls. 32f1; 3f12; Det. S.p. 1122:
 (A. laevis.) ---
 v. Africana, Rattr.-J.R.M.S. 1333p.275; Det. Syll. p. 1123;
 Malaisie: (A. Africanus.) ---
 v. Johnsoni, Arn.-J.R.M.S. 1333p.375; Det. S.p. 1123 (A. Johnsoni.) ---
 LAEVIS, Britw.-M.S. 1330p.95-3f13: (A. Kitionii.) ---
 LAHOUSENI, Witt 1335p.20-3f9; 7f5; Atlas 101f4-5; J.R.M.S. 1333p.339;
 Pant. 2p. 103; ~~Det. S.p. 30-5f2~~; Det. S.p. 1113:
 v. hyalina, Rattr.-J.R.M.S. 1333p.339; Det. S.p. 1113:
 v. marginalis, Witt 1335p.21-7f3; J.R.M.S. 1333p.339; Det. S.p. 1113:
 Pant. 2p. 103;
 v. partita, Pant. 2p. 103-23f373; Det. Syll. p. 1119:
 v. punctata, Witt 1335p.20-7f4; Pant. 2p. 103; Det. S.p. 1113:
 v. verrucosa, Br.-Lec. 1390p.30-5f2; Det. S.p. 1119:
 LEDEBOURI, Pant. 2p. 103; 3p. -13f234; Det. S.p. 1130;
 LUCIDUS, Rattr.-J.R.M.S. 1333p.379-5f3; Atlas 109f10; Det. S.p. 1120;
 LUNYACESEII, Pant. Ip. 59-25f220; 1f1, 2f1, 3f1, 4f1, 5f1, 6f1, 7f1, 8f1, 9f1, 10f1, 11f1, 12f1, 13f1, 14f1, 15f1, 16f1, 17f1, 18f1, 19f1, 20f1, 21f1, 22f1, 23f1, 24f1, 25f1, 26f1, 27f1, 28f1, 29f1, 30f1, 31f1, 32f1, 33f1, 34f1, 35f1, 36f1, 37f1, 38f1, 39f1, 40f1, 41f1, 42f1, 43f1, 44f1, 45f1, 46f1, 47f1, 48f1, 49f1, 50f1, 51f1, 52f1, 53f1, 54f1, 55f1, 56f1, 57f1, 58f1, 59f1, 60f1, 61f1, 62f1, 63f1, 64f1, 65f1, 66f1, 67f1, 68f1, 69f1, 70f1, 71f1, 72f1, 73f1, 74f1, 75f1, 76f1, 77f1, 78f1, 79f1, 80f1, 81f1, 82f1, 83f1, 84f1, 85f1, 86f1, 87f1, 88f1, 89f1, 90f1, 91f1, 92f1, 93f1, 94f1, 95f1, 96f1, 97f1, 98f1, 99f1, 100f1, 101f1, 102f1, 103f1, 104f1, 105f1, 106f1, 107f1, 108f1, 109f1, 110f1, 111f1, 112f1, 113f1, 114f1, 115f1, 116f1, 117f1, 118f1, 119f1, 120f1, 121f1, 122f1, 123f1, 124f1, 125f1, 126f1, 127f1, 128f1, 129f1, 130f1, 131f1, 132f1, 133f1, 134f1, 135f1, 136f1, 137f1, 138f1, 139f1, 140f1, 141f1, 142f1, 143f1, 144f1, 145f1, 146f1, 147f1, 148f1, 149f1, 150f1, 151f1, 152f1, 153f1, 154f1, 155f1, 156f1, 157f1, 158f1, 159f1, 160f1, 161f1, 162f1, 163f1, 164f1, 165f1, 166f1, 167f1, 168f1, 169f1, 170f1, 171f1, 172f1, 173f1, 174f1, 175f1, 176f1, 177f1, 178f1, 179f1, 180f1, 181f1, 182f1, 183f1, 184f1, 185f1, 186f1, 187f1, 188f1, 189f1, 190f1, 191f1, 192f1, 193f1, 194f1, 195f1, 196f1, 197f1, 198f1, 199f1, 200f1, 201f1, 202f1, 203f1, 204f1, 205f1, 206f1, 207f1, 208f1, 209f1, 210f1, 211f1, 212f1, 213f1, 214f1, 215f1, 216f1, 217f1, 218f1, 219f1, 220f1, 221f1, 222f1, 223f1, 224f1, 225f1, 226f1, 227f1, 228f1, 229f1, 230f1, 231f1, 232f1, 233f1, 234f1, 235f1, 236f1, 237f1, 238f1, 239f1, 240f1, 241f1, 242f1, 243f1, 244f1, 245f1, 246f1, 247f1, 248f1, 249f1, 250f1, 251f1, 252f1, 253f1, 254f1, 255f1, 256f1, 257f1, 258f1, 259f1, 260f1, 261f1, 262f1, 263f1, 264f1, 265f1, 266f1, 267f1, 268f1, 269f1, 270f1, 271f1, 272f1, 273f1, 274f1, 275f1, 276f1, 277f1, 278f1, 279f1, 280f1, 281f1, 282f1, 283f1, 284f1, 285f1, 286f1, 287f1, 288f1, 289f1, 290f1, 291f1, 292f1, 293f1, 294f1, 295f1, 296f1, 297f1, 298f1, 299f1, 300f1, 301f1, 302f1, 303f1, 304f1, 305f1, 306f1, 307f1, 308f1, 309f1, 310f1, 311f1, 312f1, 313f1, 314f1, 315f1, 316f1, 317f1, 318f1, 319f1, 320f1, 321f1, 322f1, 323f1, 324f1, 325f1, 326f1, 327f1, 328f1, 329f1, 330f1, 331f1, 332f1, 333f1, 334f1, 335f1, 336f1, 337f1, 338f1, 339f1, 340f1, 341f1, 342f1, 343f1, 344f1, 345f1, 346f1, 347f1, 348f1, 349f1, 350f1, 351f1, 352f1, 353f1, 354f1, 355f1, 356f1, 357f1, 358f1, 359f1, 360f1, 361f1, 362f1, 363f1, 364f1, 365f1, 366f1, 367f1, 368f1, 369f1, 370f1, 371f1, 372f1, 373f1, 374f1, 375f1, 376f1, 377f1, 378f1, 379f1, 380f1, 381f1, 382f1, 383f1, 384f1, 385f1, 386f1, 387f1, 388f1, 389f1, 390f1, 391f1, 392f1, 393f1, 394f1, 395f1, 396f1, 397f1, 398f1, 399f1, 400f1, 401f1, 402f1, 403f1, 404f1, 405f1, 406f1, 407f1, 408f1, 409f1, 410f1, 411f1, 412f1, 413f1, 414f1, 415f1, 416f1, 417f1, 418f1, 419f1, 420f1, 421f1, 422f1, 423f1, 424f1, 425f1, 426f1, 427f1, 428f1, 429f1, 430f1, 431f1, 432f1, 433f1, 434f1, 435f1, 436f1, 437f1, 438f1, 439f1, 440f1, 441f1, 442f1, 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586f1, 587f1, 588f1, 589f1, 590f1, 591f1, 592f1, 593f1, 594f1, 595f1, 596f1, 597f1, 598f1, 599f1, 600f1, 601f1, 602f1, 603f1, 604f1, 605f1, 606f1, 607f1, 608f1, 609f1, 610f1, 611f1, 612f1, 613f1, 614f1, 615f1, 616f1, 617f1, 618f1, 619f1, 620f1, 621f1, 622f1, 623f1, 624f1, 625f1, 626f1, 627f1, 628f1, 629f1, 630f1, 631f1, 632f1, 633f1, 634f1, 635f1, 636f1, 637f1, 638f1, 639f1, 640f1, 641f1, 642f1, 643f1, 644f1, 645f1, 646f1, 647f1, 648f1, 649f1, 650f1, 651f1, 652f1, 653f1, 654f1, 655f1, 656f1, 657f1, 658f1, 659f1, 660f1, 661f1, 662f1, 663f1, 664f1, 665f1, 666f1, 667f1, 668f1, 669f1, 670f1, 671f1, 672f1, 673f1, 674f1, 675f1, 676f1, 677f1, 678f1, 679f1, 680f1, 681f1, 682f1, 683f1, 684f1, 685f1, 686f1, 687f1, 688f1, 689f1, 690f1, 691f1, 692f1, 693f1, 694f1, 695f1, 696f1, 697f1, 698f1, 699f1, 700f1, 701f1, 702f1, 703f1, 704f1, 705f1, 706f1, 707f1, 708f1, 709f1, 710f1, 711f1, 712f1, 713f1, 714f1, 715f1, 716f1, 717f1, 718f1, 719f1, 720f1, 721f1, 722f1, 723f1, 724f1, 725f1, 726f1, 727f1, 728f1, 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1013f1, 1014f1, 1015f1, 1016f1, 1017f1, 1018f1, 1019f1, 1020f1, 1021f1, 1022f1, 1023f1, 1024f1, 1025f1, 1026f1, 1027f1, 1028f1, 1029f1, 1030f1, 1031f1, 1032f1, 1033f1, 1034f1, 1035f1, 1036f1, 1037f1, 1038f1, 1039f1, 1040f1, 1041f1, 1042f1, 1043f1, 1044f1, 1045f1, 1046f1, 1047f1, 1048f1, 1049f1, 1050f1, 1051f1, 1052f1, 1053f1, 1054f1, 1055f1, 1056f1, 1057f1, 1058f1, 1059f1, 1060f1, 1061f1, 1062f1, 1063f1, 1064f1, 1065f1, 1066f1, 1067f1, 1068f1, 1069f1, 1070f1, 1071f1, 1072f1, 1073f1, 1074f1, 1075f1, 1076f1, 1077f1, 1078f1, 1079f1, 1080f1, 1081f1, 1082f1, 1083f1, 1084f1, 1085f1, 1086f1, 1087f1, 1088f1, 1089f1, 1090f1, 1091f1, 1092f1, 1093f1, 1094f1, 1095f1, 1096f1, 1097f1, 1098f1, 1099f1, 1100f1, 1101f1, 1102f1, 1103f1, 1104f1, 1105f1, 1106f1, 1107f1, 1108f1, 1109f1, 1110f1, 1111f1, 1112f1, 1113f1, 1114f1, 1115f1, 1116f1, 1117f1, 1118f1, 1119f1, 1120f1, 1121f1, 1122f1, 1123f1, 1124f1, 1125f1, 1126f1, 1127f1, 1128f1, 1129f1, 1130f1, 1131f1, 1132f1, 1133f1, 1134f1, 1135f1, 1136f1, 1137f1, 1138f1, 1139f1, 1140f1, 1141f1, 1142f1, 1143f1, 1144f1, 1145f1, 1146f1, 1147f1, 1148f1, 1149f1, 1150f1, 1151f1, 1152f1, 1153f1, 1154f1, 1155f1, 1156f1, 1157f1, 1158f1, 1159f1, 1160f1, 1161f1, 1162f1, 1163f1, 1164f1, 1165f1, 1166f1, 1167f1, 1168f1, 1169f1, 1170f1, 1171f1, 1172f1, 1173f1, 1174f1, 1175f1, 1176f1, 1177f1, 1178f1, 1179f1, 1180f1, 1181f1, 1182f1, 1183f1, 1184f1, 1185f1, 1186f1, 1187f1, 1188f1, 1189f1, 1190f1, 1191f1, 1192f1, 1193f1, 1194f1, 1195f1, 1196f1, 1197f1, 1198f1, 1199f1, 1200f1, 1201f1, 1202f1, 1203f1, 1204f1, 1205f1, 1206f1, 1207f1, 1208f1, 1209f1, 1210f1, 1211f1, 1212f1, 1213f1, 1214f1, 1215f1, 1216f1, 1217f1, 1218f1, 1219f1, 1220f1, 1221f1, 1222f1, 1223f1, 1224f1, 1225f1, 1226f1, 1227f1, 1228f1, 1229f1, 1230f1, 1231f1, 1232f1, 1233f1, 1234f1, 1235f1, 1236f1, 1237f1, 1238f1, 1239f1, 1240f1, 1241f1, 1242f1, 1243f1, 1244f1, 1245f1, 1246f1, 1247f1, 1248f1, 1249f1, 1250f1, 1251f1, 1252f1, 1253f1, 1254f1, 1255f1, 1256f1, 1257f1, 1258f1, 1259f1, 1260f1, 1261f1, 1262f1, 1263f1, 1264f1, 1265f1, 1266f1, 1267f1, 1268f1, 1269f1, 1270f1, 1271f1, 1272f1, 1273f1, 1274f1, 1275f1, 1276f1, 1277f1, 1278f1, 1279f1, 1280f1, 1281f1, 1282f1, 1283f1, 1284f1, 1285f1, 1286f1, 1287f1, 1288f1, 1289f1, 1290f1, 1291f1, 1292f1, 1293f1, 1294f1, 1295f1, 1296f1, 1297f1, 1298f1, 1299f1, 1300f1, 1301f1, 1302f1, 1303f1, 1304f1, 1305f1, 1306f1, 1307f1, 1308f1, 1309f1, 1310f1, 1311f1, 1312f1, 1313f1, 1314f1, 1315f1, 1316f1, 1317f1, 1318f1, 1319f1, 1320f1, 1321f1, 1322f1, 1323f1, 1324f1, 1325f1, 1326f1, 1327f1, 1328f1, 1329f1, 1330f1, 1331f1, 1332f1, 1333f1, 1334f1, 1335f1, 1336f1, 1337f1, 1338f1, 1339f1, 1340f1, 1341f1, 1342f1, 1343f1, 1344f1, 1345f1, 1346f1, 1347f1, 1348f1, 1349f1, 1350f1, 1351f1, 1352f1, 1353f1, 1354f1, 1355f1, 1356f1, 1357f1, 1358f1, 1359f1, 1360f1, 1361f1, 1362f1, 1363f1, 1364f1, 1365f1, 1366f1, 1367f1, 1368f1, 1369f1, 1370f1, 1371f1, 1372f1, 1373f1, 1374f1, 1375f1, 1376f1, 1377f1, 1378f1, 1379f1, 1380f1, 1381f1, 1382f1, 1383f1, 1384f1, 1385f1, 1386f1, 1387f1, 1388f1, 1389f1, 1390f1, 1391f1, 1392f1, 1393f1, 1394f1, 1395f1, 1396f1, 1397f1, 1398f1, 1399f1, 1400f1, 1401f1, 1402f1, 1403f1, 1404f1, 1405f1, 1406f1, 1407f1, 1408f1, 1409f1, 1410f1, 1411f1, 1412f1, 1413f1, 1414f1, 1415f1, 1416f1, 1417f1, 1418f1, 1419f1, 1420f1, 1421f1, 1422f1, 1423f1, 1424f1, 1425f1, 1426f1, 1427f1, 1428f1, 1429f1, 1430f1, 1431f1, 1432f1, 1433f1, 1434f1, 1435f1, 1436f1, 1437f1, 1438f1, 1439f1, 1440f1, 1441f1, 1442f1, 1443f1, 1444f1, 1445f1, 1446f1, 1447f1, 1448f1, 1449f1, 1450f1, 1451f1, 1452f1, 1453f1, 1454f1, 1455f1, 1456f1, 1457f1, 1458f1, 1459f1, 1460f1, 1461f1, 1462f1, 1463f1, 1464f1, 1465f1, 1466f1, 1467f1, 1468f1, 1469f1, 1470f1, 1471f1, 1472f1, 1473f1, 1474f1, 1475f1, 1476f1, 1477f1, 1478f1, 1479f1, 1480f1, 1481f1, 1482f1, 1483f1, 1484f1, 1485f1, 1486f1, 1487f1, 1488f1, 1489f1, 1490f1, 1491f1, 1492f1, 1493f1, 1494f1, 1495f1, 1496f1, 1497f1, 1498f1, 1499f1, 1500f1, 1501f1, 1502f1, 1503f1, 1504f1, 1505f1, 1506f1, 1507f1, 1508f1, 1509f1, 1510f1, 1511f1, 1512f1, 1513f1, 1514f1, 1515f1, 1516f1, 1517f1, 1518f1, 1519f1, 1520f1, 1521f1, 1522f1, 1523f1, 1524f1, 1525f1, 1526f1, 1527f1, 1528f1, 1529f1, 1530f1, 1531f1, 1532f1, 1533f1, 1534f1, 1535f1, 1536f1, 1537f1, 1538f1, 1539f1, 1540f1, 1541f1, 1542f1, 1543f1, 1544f1, 1545f1, 1546f1, 1547f1, 1548f1, 1549f

- v. incisa, Rattr.-J.R.M.S. 1333p.342-343; Det.Syll.p.II06;
 v. Minera, Rattr.-J.R.M.S. 1333p.342; Det.S.p.II03; -(A. caudata, v.)--
 v. robusta, Rattr.-J.R.M.S. 1333p.352; Atlas 37f5, 7; 10f5; *atlas 37f5*
 v. terrena, *Grot.* J.R.M.S. 1333p.352; Det.S.p.II03; (A. crux, v.)
 v. undosa, Rattr.-J.R.M.S. 1333p.352; Det.S.p.II03;
 v. Moelleri, Rattr.-J.R.M.S. 1333p.342; Det.S.p.II03; -(A. Moelleri.)---
 NOTATUS, Rattr.-J.R.M.S. 1333p.343; Det.S.p.I094; (Cephaliscus.)-
 MOLLERI, Grin.-Atlas 33f4; 35f5; 92f13; Woll. pl. 75f11; *atlas 37f8*
 (A. margaritaceus, v. distincta & M.) *102f12: - 415f12*
 var., A.S., Atlas 102f1, 2; -(A. Möller.)---
 MULLERI, Grin.-Atlas 41fII; (A. Comberi.)---
 MULTISPADIX, Br. & Tp. p. 20-3fII; Atlas 153f6, 7; Det.Syll.p.III7;
 NEGLECTUS, Rattr.-J.R.M.S. 1333p.373-341; Det.S.p.II20;
 MORONENSIS, Kitton.-T.M.S. 1373p.3; 1
 NEOGRADENSIS, Pant. I. p. 59-25f227; 2p. 104; -(A. angulatus, v.) *231*---
 Notar. 1333p.615;
 NIGRESCENS, Pant. 3p. -25f395; Det.S.p.II32;
 NIGRICANS, Br. & Tp. p. 20-4fI; Atlas 139f6; Det.S.p.I099;
 v. spirilifera, Brin.-Atlas 131f3; 139f5; 20f57; *158f21*
 NOBILIS, Rattr.-J.R.C. 1339p.53-1fI; Det.S.p.II32;
 NOTABILIS, Pant. 2p. 104; 3p. -9f151; Det.Syll.p.II31;
 (A. Oregonus, v. sparsa-punctata.)---
 NOTATUS, Gro. & St.-J.R.C. 1339p.9-3fII; (A. Barbadiensis.)----
 NOVAE-ZEELANDIAE, Gro. & St.-Atlas 124f8; 157f2; Det.S.p.II33; *atlas 200f7*
 OAMARUENSIS, Gro. & St.-Atlas 124f9; Det.S.p.II33;
 v. Madagascariensis, Temp.-LeD. No. Ip. I-2f4, 5;
 OREGONUS, Bailey & H. p. 173-9f6; M.J. 1359p.153-7f2; Prit. p. 345-6f4;
 Ew. N.H. pl. 3f23; Cl. & M. 170; A.S.M. 1377p.102; 1375p.32-ear icons;
 Sr. Sp. 7.53; Atlas 34f4, 5; M.T.P. 4-4-4; Cat. 1331p.1.1f5; H.M.S. 1359
 p.326; J.R.C. 1335p.177; J.R.M.S. 1333p.353; Woll. pl. 33f1, 3; Det.S.
 p.II09; Malaisie;
 v. sparsipunctata, *in atlas 107f6: - 134f11* (A. bistacilis.)-
 v. Nankaiensis, Grin. 1333p.103; (A. Orientalis.)---
 PALLIDUS, Grev.-T.M.S. 1363p.72-5f17; Brin & T. p. 39; Det.Syll.p.II19;
 J.R.M.S. 1333p.370;
 PARVULUS, Rattr.-J.R.M.S. 1333p.330-3f2; Det.S.p.I093;
 PATENS, Rattr.-J.R.M.S. 1333p.354-3f2; Det.S.p.II05;
 PATULUS, Grin.-Atlas 134f5; Det.S.p.II33;
 var., A.S., Atlas 134f5;
 PARADOXUS, Grev.-T.M.S. 1363p.72-5f13; Det.S.p.II31; -(A. thol. lychis.)--
 PELLUCIDUS, Grev.-T.M.S. 1334p.12-1f3; (A. thol. lychis.)---
 PERAGALLOI, Pant. 3p. -25f371; Det.S.p.II32;
 PETERSII, E.-Abh. Ber. 1345p.361; Mik. p. 226; Prit. p. 343; Atlas 35f4;
 41f1, 2; 102f6; 162f7; J.R.M.S. 1333p.355; Woll. pl. 32f3, 6, 7; Det.S.
 p.III5; (Eupodiscus P. & crucifer.)
 var., A.S., Atlas 35f1-3; *var. notatilis*
 v. asperula, Rattr.-J.R.M.S. 1333p.333; Det.S.p.III5; -(A. thol. lychis.)---
 v. circumdata, Rattr.-J.R.M.S. 1333p.337; Det.S.p.II15; -(A. thol. lychis.)---

-1 1 all 2 - + 10:

- v. expansa*, Rattr.-J.R.M.S. 1333p. 356-7f1; Det. Syll. p. III3;
v. notabilis, Rattr.-J.R.M.S. 1333p. 353; Det. S. p. III3;
v. rara, Rattr.-J.R.M.S. 1333p. 357-7f2; Det. S. p. III3;
 POLYGONUS, Grun.-Pant. Ip. 59-23f233; J.R.M.S. 1333p. 357; Notar. 1333p. 315; Det. S. p. II03;
v. polyginna, Pant. Ip. 59-23f237; J.R.M.S. 1333p. 357; -(A. polygonus.)---
 PROBABILIS, A.S., Atlas 35f13, 14; 103f3, 4; Witt 1335p. 21-3f13, 14; J.R.M.S. 1333p. 340; Woll. pls. 30f12; 33f3; Pant. 2p. 104-23f404; Det. Syll. p. 1093;
 PROMINENS, Kitt.-J.R.M.S. 1333p. 375-5f5; Det. S. p. II23;
 PULCHER, Norman.-Prit. p. 345-3f23; J.R.M.S. 1333p. 360; Woll. pl. 7f1; Det. S. p. III0;
v. sparsi-radiata, Rattr.-J.R.M.S. 1333p. 350; Det. S. p. III0;
 QUADRANS, A.S., Atlas 35f10; 13f5; J.R.M.S. 1333p. 346; Pant. 2p. 104; Det. S. p. 1097;
 QUINARIUS, Jan. Guano p. 15; (A. erix, var.)---
 RADIATUS, Grun.-J.R.M.S. 1333p. 95-5f10; Det. S. p. III1; -(E. podiscus.)---
 RADIATUS, Grun.-J.R.M.S. 1333p. 11-1f4; J.R.M.S. 1333p. 372; Det. S. p. III1;
 RADIATUS, Grun. & St.-J.R.C. 1337p. 140-12f33; Notar. 1333p. 453; J.R.M.S. 1333p. 370; Atlas 157f1; Det. S. p. II02;
 RATTAYI, Grun. & St.-J.R.C. 1337p. 139-11f29; Notar. 1333p. 466; Atlas 143f9; Det. S. p. II24; -(A. Comberi, var., & Beeveriae.)-
v. convexa, A.S., Atlas 124f7; J.R.M.S. 1333p. 376; Det. Syll. p. II25; (A. convexus.)---
 RETICULATUS, Pant. Ip. 60-1f1; 2p. 104; Atlas 102f7; Notar. 1333p. 615; J.R.M.S. 1333p. 371; Det. S. p. II20;
 ROGERSII, Bailey.-Atlas 107f3; J.R.M.S. 1333p. 372; Woll. pl. 30f10; Det. S. p. II21; -(A. areolatus; -Eupodiscus 1 R. & Bailey; -Podiscus R. & v)
 ROTULUS, Rattr.-J.R.M.S. 1333p. 343-5f10; Det. S. p. 1099;
 SAMOENSIS, Grun.-Moller Price 146; -(A. margaritaceus.)
 SCABER, Ralfe, Prit. p. 344; Cl. & M. 230; Atlas 33f4-3; J.R.M.S. 1333p. 353; Det. S. p. II04; (A. erix & var.; -A. quinaris.)-
v. jonesianus, Rattr.-J.R.M.S. 1333p. 354; Det. S. p. II04; -(A. Jones.)
 SCHMIDTII, Witt 1335p. 21-7f12; Atlas 101f1-3; J.R.M.S. 1333p. 355; Pant. 2p. 104; Det. S. p. II05;
v. quadriradiata, Rattr.-J.R.M.S. 1333p. 355; Pant. 2p. 104; -(A. septus, v)
 SCULPTUS, Brwn.-M.S. 1360p. 94-5f5; (Auliscus; -Eupodiscus; -Vide l.c., errata, p. 139.)-
 SECDENS, A.S., Atlas 101f2; 143f2; J.R.M.S. 1333p. 354; Det. S. p. II04;
 SEPTUS, A.S., Atlas 35f19-21; Witt 1335p. 22-7f11; J.R.M.S. 1333p. 355; Pant. 2p. 105; Det. S. p. II05;
v. quadriradiata, Pant. Ip. 60-10f34; Det. S. p. II06; -(A. Schmidtii, v.)---
 SIMBIRSKIANUS, Pant. 2p. 105-13f239; Det. S. p. II30;
 SIMPLEX, Rattr.-J.R.M.S. 1333p. 340; Det. S. p. 1092;
 SOLLITTIANUS, Norman.-J.M.S. 1331p. 7-2f5; Prit. p. 933; Jan. Gu. p. 15-2f3; Atlas 33f10-13; 103f3; Atlantic City; J.R.M.S. 1333p. 377; Woll. pl. 33f9; Det. Syll. p. II25;
v. Outlandica, Rattr.-J.R.M.S. 1333p. 373; Det. S. p. II26; (A. erix, v. glacialis.)--

> te Finkbein, B. - L^e D. Vol. 2 p. 233-234, 9:

- * v. *Novae-Zelandiae*, Grev. & St.-J.Q.C. 1337p.9-3f10; Det. S. p. 1125;
J.R.M.S. 1333p.377; Atlas 170f10;
- * v. *protuberans*, Rattr.-J.R.M.S. 1333p.377; Det. S. p. 1125;
- SPARSUS, Grev.-T.M.S. 1333p.123-11f6; Wölle pl. 32f4;
(*A. Killkellyanus*, var., & *Beveeriae*.)----
- SPECTABILIS, Grev.-T.M.S. 1333p.71-5f13; J.Q.C. 1337p.141; J.R.M.S.
1333p.343; Det. Syll. p. 1097; (*A. dispersus* & *grandis*.)--
- * v. *depressa*, Rattr.-J.R.M.S. 1333p.346-7f3; Det. S. p. 1097;
- SQUARROSUS, Br.-Atlas 131f1,2;
- STOSCHII, Jan.-Atlas 34f11; W. & C. 1p.3-1f2; J.Q.C. 1337p.3;
(*A. Janischii*.)----
- STURII, Kitt.-Atlas 107f3,9; J.Q.C. 1334p.17-4f1; 1337p.42-4f9;
Det. S. p. 1119; *Cann. 11-17p.1-11*
- SUBANGULATUS, Pant. 1p.60-2f11; 23f273; 2p.105; Notar. 1333p.313;
(*A. Neogracuensis*, var., & *angulatus*.)
- SUBRIMOSUS, Grun.-Atlas 124f5,6; Det. S. p. 1133;
- SUPERBUS, Kitt.-M.M.J. 1373p.205-33f1; Det. S. p. 1107;
- SUSPECTUS, A.S., Atlas 33f17,13; J.R.M.S. 1333p.329; Det. S. p. 1092;
(*Cosmoidiscus imperfectus*.)-
- SZAKALENSIS, Pant. 3p. -23f415; Det. S. p. 1132;
- TEMPEREI, A.S., Atlas 157f7; Det. Syll. p. 1133;
- TERRATUS, Jan. Grun. p. 13-2f4; (*A. 308 p.1.*)--
- THUMII, A.S., Atlas 102f3; 133f3; J.R.M.S. 1333p.374; Det. S. p. 1122;
Wölle pl. 33f3;
- TRIPARTITUS, Br. & Tp. p. 24-4f3; Atlas 139f3,9; Det. S. p. 1106;
- TRUANII, Pant. 2p.105-4f31; Det. S. p. 1129;
- TSCHESNOVII, Pant. 2p.105; 3p. -6f93; Det. S. p. 1109;
- TUBERCULATUS, Pant. 2p.105-15f253; Det. S. p. 1129;
- TUBULO-CRENATUS, Br. & Tp. p. 22-7f19; Atlas 153f6; 162f1,1x;
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- TUMULIFER, Br.-Atlas 162f3; 170f7-9; Det. Syll. p. 1133;
- UMBONATUS, Grev.-T.M.S. 1334p.9-1f2; J.R.M.S. 1333p.373; Det. S. p. 1123;
- * v. *disrupta*, Rattr.-J.R.M.S. 1333p.379-3f9; Det. S. p. 1123;
- VOLUTA-COELI, Br.-Atlas 170f5,6; Det. S. p. 1133;
- WEISSFLOGII, Pant. 2p.105-13f293; Det. S. p. 1129;
- WILLII, A.S., Atlas 103f1; J.R.M.S. 1333p.335; Det. S. p. 1111;
- ZONULATUS, Rattr.-J.Q.C. 1339p.39-4f1; Atlas 131f3; Det. Syll. p. 1107;

AULACOSTRA.----(*Thraustes*, 1874

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AULISCUS.-----C

- , A.S., Atlas 32f5,23; --, Atlas 125f9,10;
- ACCEDENS, Rattr.-J.R.M.S. 1333p.371; Atlas 125f5; 171f12; Notar.
1390p.33; Det. Syll. p. 1034;
- ACUTIUSCULA, Rattr.-J.R.M.S. 1333p.332-14f1; Notar. 1390p.33;
Det. S. p. 1046;
- ALBIUS, Br.-Atlas 171f3,4; Det. Syll. p. 1034;
- * v. *baecata*, Grun.-Atlas 171f5; Det. S. p. 1034;

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" v. multiclava, Br. & Ten. p.22-2f13;

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9; J.R.M.S. I333p.396; Det. Syll. p.1052: (A. sculptus.)-

ANDRUS, Rattr.-J.R.M.S. I333p.371-12f1; Notar. I390p.34; Det. S. p.1053;

APEDATUS, Rattr.-J.Q.C. I339p.40-4f2; Notar. I390p.34; Det. S. p.1025;

(Pseud-A. Kinkeri.)

ANTIQUUS, Rattr.-J.R.M.S. I333p.373-13f4; Det. S. p.1059;

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AUKLANDICUS, Grun.-Atlas 37f13: (A. caelatus, var. A.)-

AUSTRALIENSIS, Grev.-Trans. Bot. Soc. Edinb. I364p.233-3f3; Det. S. p.1052;

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BIDDULPHIA, Kitt.-Atlas 37f3; Woll. pl.30f 4; J.R.M.S. I333p.379;

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" v. dentata, A.S., Atlas 39f3; Notar. I390p.34; J.R.M.S. I333p.379;

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" v. prominens, A.S., Atlas 39f2; J.R.M.S. I333p.379; Notar. I390p.34;

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BOURGOGNEI, Bergeon.-LeD. 2p.39-11f2; Det. S. p.1053;

CABALLII, A.S., Atlas 32f1,2; Sm. Sp. T. 317; J.R.M.S. I333p.333;

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CAELATUS, Bailey.-N.S. p.3-1f3,4; Coll. Coll.; Prit. p.345; R.E.D. p.320;

T.M.S. I333p.41-2f4,7; I373p.3; N. & R. S. p.70; Petit Cat. p.37; Atlas

32f14,15; A.S. p.33-7f3; Sr. Sp. p.54; Pl. I373p.13; Ver. p.33;

J.Q.C. I335p.17f; A.M.M. J. I333p.31; Villef. p.7f; J.Q.C. I337p.10; Prit.

Pl. 55-19f173; 23f279; 2, p.93; J.R.M.S. I333p.335; Mobile; Malaisie;

Woll. pl.39f6,9; Det. S. p.1049: (A. Graecus Smith.)---

" var., Perag. Villef. p.7f;

" v. Aucklandica, Grun.-Atlas 37f13; J.R.M.S. I333p.395; Det. Syll. p.

1050;

(A. Aukl.)-

" v. constricta, Rattr.-J.R.M.S. I333p.337-15f3; Det. S. p.1051;

" v. delicatula, Rattr.-J.R.M.S. I333p.335-15f3; Det. S. p.1051;

" v. gigas, E.-Atlas 32f12,13; W. & C. Pl. 4-2f12; (A. gigante.)-

" v. impressa, Rattr.-J.R.M.S. I333p.337-15f9; Det. Syll. p.1051;

(A. sculptus, v.)

" v. latecostata, A.S., Atlas 32f13-20; Petit Cat. p.37; Villef. p.7f;

Malaisie; J.R.M.S. I333p.337; Woll. pl.39f10; Det. S. p.1051;

" v. major, Rattr.-J.R.M.S. I333p.337; Det. S. p.1051;

(A. sculptus, v. permagna; -A. elaboratus.)-

" v. merpene, Rattr.-J.R.M.S. I333p.337; Det. S. p.1052;

" v. mitabilis, Rattr.-J.R.M.S. I333p.333-15f3; Det. S. p.1052;

" v. picta, J.R.M.S. I333p.337-15f7; Det. S. p.1052;

" v. protuberans, Rattr.-J.R.M.S. I333p.333-10f3; Det. S. p.1052;

" v. strigillata, A.S., Atlas 32f24-26; Malaisie; Det. S. p.1050;

" v. tenuis, Rattr.-J.R.M.S. I333p.333-13f3; Det. S. p.1052;

forma triocellata, Prit. Pl. 55-23f279: -(A. caelatus.)---

> E. a. rati, v. tetrapadix, Am. - Sci. 2 no. 27 p. 233-24 f4:

- CALIFORNICUS, Br.-Atlas I7If3,9; Det.Syll.p.I034;
 CARIBAEUS, Cl.-Atlas 37f9,10; J.R.M.S.I333p.392; Wollé pl.30f7;
 Malaisie; Det.S.p.I057;
 CLEVEI, Gru.-Atlas 3If1-4; J.R.M.S.I333p.364; Wollé pl.79f3-10;
 Det.S.p.I027;
 COINCIDENS, A.S.,Atlas I7If1; Det.S.p.I034;
 COMPOSITUS, A.S.,Atlas 30f9; J.R.M.S.I333p.364; Det.S.p.I039;
 CONFLUENS, Gru.-Atlas 3If6; 32f6-8; Fortm.Cey.p.63; J.R.C.I335p.
 I7I; I337p.73; J.R.M.S.I333p.381; Wollé pl.39f3,II: Pant.2f.99;
 Det.Syll.p.I045: *Sch. Gr. 7af. 11*;
 CONSTELLATUS, Mills.-J.R.M.S.I337p.337-IIf2,3; ^{1832p. 476.} (A. I310f11.)
 CONVOLUTUS, Gro.-J.R.M.S.I333p.374-I5f2; Atlas I7If6; Det.S.p.I033;
 Notar.I390p.35;
 CRYSTALLINUS, Br.-Br. & Tp.p.23-3fI; Det.S.p.I033;
 CYLINDRUS, E.-Abh.Ber.I343p.27I; T.M.S.I353p.52; R.E.D.p.320; Det.
 S.p.I032; J.R.M.S.I333p.396; Prit.p.346;
 DECORATUS, Rattr.-J.R.M.S.I333p.373-I2f6; Notar.I390p.35;
 Det.S.p.I040;
 * v.affinis, Rattr.-J.R.M.S.I333p.373-I3fI; Notar.I390p.35;
 Det.Syll.p.I040;
 DISSIMILIS, Rattr.-J.R.M.S.I333p.375-I4f6; Notar.I390p.35;
 Det.S.p.I033;
 * ELABORATUS, Ratts,T.M.S.I333p.51-3fI9; Atlas 37f4; -(A.caelatus, var. f.)
 * ELEGANS, Grev.-T.M.S.I333p.52-2f3; J.R.M.S.I333p.372; Det.S.p.I033;
 * v.Californica, Rattr.-J.R.M.S.I333p.372; Det.S.p.I033;
 (A.Grunowii, var. Cal.)--
 * v.flammula, Br. & Tp. Det.S.p.I037; -(A.Grunowii, var. f.)
 * v.Grunowii, A.S.-Rattr., J.R.M.S.I333p.372; Det.S.p.I033; -(A.Grun.)---
 * v.subpunctata, Rattr.-J.R.M.S.I333p.373-I3f2; Det.S.p.I033;
 EXIMIUS, Rattr.-J.R.M.S.I333p.376-I3f2; Notar.I390p.36; Det.S.p.I040;
 ELLIPTICUS, A.S.,Atlas I49f4; Det.Syll.p.I034;
 FENESTRATUS, Gro. & St.-J.R.C.I337p.10-3fI2; Atlas I25fII,13; I19f9;
 J.R.M.S.I333p.373; Det.S.p.I027: *Not 1887p.344*; -(A. caelatus; -sub caelatus.)-
 FORTIOSUS, Fortm.Cey.p.63-71fI; J.R.M.S.I333p.359; Det.S.p.I032;
 FRACTUS, Gro. & Rattr.-J.R.M.S.I333p.333-I4f5; Notar.I390p.36;
 Det.S.p.I053;
 FULCRATUS, A.S.,Atlas I49f2,3; Det.S.p.I034;
 FULVUS, Rabh.E.D.p.320; Perag.p.75; J.R.M.S.I333p.397;
 Det.S.p.I033; (Eupodiscus.)
 GIGAS, E.-Abh.Ber.I344p.77; Mg.pl.I9f33; Prit.p.346; T.M.S.I333p.52;
 Atlas 37fII; II7f4-7; Malaisie; J.R.M.S.I333p.396; Det.S.p.I032;
 (A.caelatus, var., & splendens; -Eupodiscus auliscus.)
 GRACILLIMUS, Rattr.-J.R.M.S.I333p.375-I3f6; Det.S.p.I039;
 GRANULATUS, Bailey Coll.: Det.Syll.p.I033;
 GREGORII, Jan.Gr.p.I6-2fI2; R.E.D.p.321; (A.caelatus.)--
 GREVILLEI, Jan.Gr.p.I6-2fII; R.E.D.p.321; Atlas 30fI5; J.R.C.I337p.
 73; J.R.M.S.I333p.392; Det.S.p.I053;
 GRUNOWII, A.S.,Atlas 30fI4; 39f7; Pant.Ip.63-29f293; (A.elegans & vars.)

> *Isotomianus*, *V. caelestis*, Brunn. -
S. 2. 2, 7c. 2. 2 p. 234-24, f 2, 3:

- v. *Californica*, A.S., Atlas 39f3; Wölle pl. 79fII, I2; A.M.M.S. 1391p. 2139; (A. elegant, v. Cal.)---
- v. *flammula*, Brun. & T. p. 23-2f3; -(A. elegant, v. flamm.)--
- HAUAGAAE, Part. 3p. -3If452; Det. S. p. 1064;
- HARDMANNIANUS, Grev.-T.M.S. 1333p. 3-2f17; J.Q.C. 1337p. 73; Atlas 37fI; 39f4; Witt 1333p. 12; Wölle pl. 79fI; J.R.M.S. 1333p. 377; Det. S. p. 1041; (A. Johnsonii.)
- var., A.S., Atlas 103fI; -(A. Harum.)---
- v. *bifurcata*, Rattr.-J.R.M.S. 1333p. 373; Notar. 1390p. 37; Det. S. p. 1042; (A. nobilis.)
- v. *futilis*, Rattr.-J.R.M.S. 1333p. 377; Notar. 1390p. 36; Det. S. p. 1041;
- v. *Haytiana*, Rattr.-J.R.M.S. 1333p. 377; Witt 1333p. 12-2f4; -(A. Harum.)
- v. *labyrinthula*, Rattr.-J.R.M.S. 1333p. 377; Notar. 1390p. 36; Det. S. p. 1041;
- v. *oscura*, Rattr.-J.R.M.S. 1333p. 373; Not. 1390p. 37; Det. S. p. 1041;
- HAUCKII, Part. Ip. 56-30f304; 2p. 99; Atlas 103f3, 9; Notar. 1333p. 613; J.R.M.S. 1333p. 331; Det. S. p. 1045; (A. confinis, v.)
- INCERTUS, A.S., Atlas 39f13, I9; J.R.M.S. 1333p. 333; Det. S. p. 1047; Wölle pl. 80f3;
- INFLATUS, Gro. & St.-J.Q.C. 1337p. 141-13f37; J.R.M.S. 1333p. 371; Notar. 1333p. 467; Det. S. p. 1035;
- INSIGNIS, Cl.-N.L.W.D. p. 22-5f34; Atlas 39fI; J.R.M.S. 1333p. 375; Det. Syll. p. 1039;
- INTERCEDENS, Jan.-Atlas 32f9; J.R.M.S. 1333p. 334; Det. Syll. p. 1043;
- INTERMEDIUS, Gro. & St.-J.R.M.S. 1333p. 390-12f3; Notar. 1390p. 37; Det. S. p. 1055;
- v. *simplex*, Rattr.-J.R.M.S. 1333p. 390-16f5; Notar. 1390p. 37; Det. Syll. p. 1056;
- INTERRUPTA, Rattr.-J.R.M.S. 1333p. 330-13f5; Notar. 1390p. 37; Det. S. p. 1043;
- v. *sparsa*, Rattr.-J.R.M.S. 1333p. 330-13f3; Notar. 1390p. 36; Det. S. p. 1044;
- INTESTINALIS, A.S., Atlas 103f2; J.R.M.S. 1333p. 373; Det. S. p. 1042; Wölle pl. 80f5;
- JIMBOI, Part. 3p. 7. -3If454; Det. S. p. 1064;
- JOHNSONIANUS, Grev.-T.M.S. 1333p. 31-3f20; (Pseud-A.)
- JOYNSONI, A.S., Atlas 37f2; Wölle pl. 80fI; (A. Harum.)
- LACUNOSUS, Gro. & St.-J.Q.C. 1337p. 141-12f35; J.R.M.S. 1333p. 373; Atlas 125f4; Notar. 1333p. 467; Det. S. p. 1037;
- LETOURNERI, Br.-LeD. Vol. 2p. 39-IIIf10; -(A. pulvinatus, v.: Pseud-Aul.)---
- LEUDUGERI, Perag.-Villef. p. 71-4f32; (Pseud-Aul.)
- LINEATUS, Gro. & St.-J.Q.C. 1337p. 141-12f36; Atlas 149f2; J.R.M.S. 1333p. 365; Notar. 1333p. 467; Det. S. p. 1023; -(A. Barbadiensis & fenestratus, pl.)
- LOCZYII, Part. 3p. -5f32; Det. Syll. p. 1064;
- LUCIDUS, Rattr.-J.R.M.S. 1333p. 391; Atlas 3If10, I2; Notar. 1390p. 36; Det. S. p. 1056;
- LUMINOSUS, Brun. 1391p. 11-22f3; (Pseud-Aul.)
- LUNATUS, Gro. & St.-J.R.M.S. 1333p. 374; Not. 1390p. 36; Det. S. p. 1035;

- MACRAEANUS, Grev.-T.M.S. I333p.51-3f13; Atlas 3ff5; M.T.P.4-5-7; Cl. I373p.13; J.R.M.S. I333p.392; Wollé pl.39f2; Del.Syll.p.1054;
 MICROLEION, A.S., Atlas I49f5; Del.S.p.1064;
 MIRABILIS, Grev.-T.M.S. I333p.47-2f11; Atlas 33f10-13; Del.S.p.1054; Wollé pls.39ff2, 13; I03f13; J.R.M.S. I333p.339;
 MORONEENSIS, Grev.-T.M.S. I364p.35-IIff3; Atlas 32f4; I03f7,8; Pant.Ip.56-19ff172; 2,p.99; J.R.M.S. I333p.330; Del.S.p.1044;
 NANUS, A.S., Atlas 32f37; Pant.2p.99; J.R.M.S. I333p.364; Del.S.p.1027;
 NEBULO-PUNCTATUS, Fortm.Cey.p.63-7f173; J.R.M.S. I333p.336; Del.S.p.1030;
 NITIDUS, Rattr.-J.R.M.S. I333p.364-I2f4; Notar. I390p.39; Cl.S.p.1023;
 NOBILIS, Cl.Mss.: - (A.Herzmannianus, v. bilineatus)
 NORMANIANUS, Grev.-T.M.S. I364p.32-IIff11; Atlas 32f3; 37f5; I17f3; J.Q.C. I335p.171; Pant.Ip.56-30f1314; 2,p.99; J.R.M.S. I333p.337; Del.Syll.p.1030;
 NOTATUS, Grev.-T.M.S. I365p.5-Iff2; J.Q.C. I337p.10: -(Pseud-auliscus.)--
 OAMARUENSIS, Gro. & St.-J.Q.C. I337p.10-3f13; J.R.M.S. I333p.390; Atlas I17f2,3; I71f2; I25f1; Notar. I337p.344; Del.S.p.1055;
 " v. Madagascarensis, Tp.-LeD.Vol.Ip.2-2f4,5; Notar. I390p.37; Del.Syll.p.1055;
 OBSCURUS, Rattr.-J.R.M.S. I333p.333; Notar. I390p.39; Del.S.p.1047;
 OPULENTUS, Rattr.-J.R.M.S. I333p.395-I4f4; Notar. I390p.39; Del.Syll.p.1051;
 ORNATUS, Grev.-T.M.S. I364p.33-I2f2: (Pseud-A.)
 OVALIS, Arn.-Prit.p.345; T.M.S. I333p.47-3f12; R.E.D.p.320; Cl.& M. 55; Atlas 30f16,17; I25f3; J.R.M.S. I333p.391; Del.S.p.1056;
 PARVULUS, Grev.-T.M.S. I364p.74-5f22; R.E.D.p.321; J.R.M.S. I333p.335; Del.Syll.p.1029;
 PAUPER, Rattr.-J.R.M.S. I333p.333; Notar. I390p.39; Del.S.p.1023;
 PECTINATUS, Rattr.-J.R.M.S. I333p.375-I2f5; Del.S.p.1042: -(A. Sticticus.)--
 PERUVIANUS, Grev.-T.M.S. I332p.25-2f6; I333p.50-3f17; Atlas 32f29; Wollé pl.39f4: (Euliscus; -Pseud-A.)--
 POLYSTIGMUS, E.-Abh.Ber. I844p.23; K.S.A.p.124; Prit.p.345; J.R.M.S. I333p.397; Rattr.Cosc.p.152; Del.S.p.1063: (Coscinauliscus.)--
 POLYPHEMUS, A.S., Atlas I49f3; Del.S.p.1064;
 PRELATUS, Rattr.-J.R.M.S. I333p.392; Del.S.p.1057; Notar. I390p.40;
 PRESSUS, Fortm.Cey.p.63-7f172; J.R.M.S. I333p.334; Arn. & St. 55; Del.S.p.1023;
 PROPINQUUS, Gro. & St.-J.Q.C. I337p.141-I2f34; Atlas I49f3; I71f11; J.R.M.S. I333p.366; Notar. I333p.467; Del.S.p.1030;
 PRUINOSUS, Bailey N.S. 1.5-Iff-3; Prit.p.347-5ff; M.D. 1.1.135; T.M.S. I333p.43-3f13; N. & R.S.p.70; R.E.D.p.320; Cl. & M. 62; A.M.M.S. I333p.31; Atlas 31f6,7; I03f10; I25f3; Nobilis; J.Q.C. I337p.10; J.R.M.S. I333p.332; Pant.Ip.56; Wollé pls.79f13,14; IIIff5; Del.S.p.1045; (A.subreticulatus.)--
 " var., A.S., Atlas I25f7;

- * v. *Carpentariae*, A.S., Atlas 31f11; (A. punctatus, v. *Carpentariae*)
 * v. *lobata*, A.S., Atlas 149f1; (A. robustus.)--
 * v. *Sibirica*, A.S., Atlas 31f13-15; 39f5, 6; (A. reticulatus.)
 PULVINATUS, Cl.-J.Q.C. 1335p. 171-13f9; Atlas 103f4-6; 117f10; Part.
 Ip. 56-19f174, 175, 177; (A. LeTourneri.)
 * var., A.S., Atlas 125f17;
 PUNCTATUS, Bailey N.S.p. 5-1f9; Prit. p. 345; T.M.S. 1333p. 49-3f15, 16;
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 C. 1337p. 77; Mobile; J.R.M.S. 1333p. 359; Malaisie; Wollé pl. 79f2, 3;
 Pant. 2, p. 99; Det. Syll. p. 1033;
 * forma monocola, Haldm.-J.R.M.S. 1333p. 371;
 * vars., A.S., Atlas 79f14, 15; 67f7, 8; J.Q.C. 1337p. 10;
 * v. *abrupta*, Rattr.-J.R.M.S. 1333p. 370; Det. S.p. 1034;
 * v. *Carpentariae*, Rattr.-J.R.M.S. 1333p. 370; Det. S.p. 1034; (A. prinosus)
 * v. *cinerea*, Rattr.-J.R.M.S. 1333p. 370; Det. Syll. p. 1033;
 (A. prinosus, var.)---
 * v. *robusta*, Witt 1333p. 12-2f9; (A. robustus.)--
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 RACEMOSUS, Ralfs.-T.M.S. 1333p. 46-2f9; Atlas 30f13; 125f6; Fortm. Cey.
 p. 62; J.Q.C. 1337p. 10; Wollé pl. 39f7; (A. Stockhardtii.)-
 RADIATUS, E.-Jan. Gu. p. 15-1f6; Jan. & R. p. 4-3f15;
 (Biddulphia; -Cerataulus Smithii.)
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 RAEANUS, Rattr.-J.R.M.S. 1333p. 379-12f5; Not. 1390p. 40; Det. S.p. 1042;
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 RATTAYI, Cl. litt.; J.R.M.S. 1333p. 363-12f2; Det. S.p. 1026;
 RETICULATUS, Grev.-T.M.S. 1333p. 47-2f10; Atlas 30f1, 2; Malaisie; J.R.M.
 S. 1333p. 394; Wollé pl. 79f5-7; Det. S.p. 1030; (A. prinosus, v.)---
 * var., A.S., Atlas 30f4; (A. reticulatus.)---
 * v. *Capensis*, A.S., Atlas 30f6; J.R.M.S. 1333p. 394; Det. S.p. 1030;
 * v. *quadriseignata*, A.S., Atlas 30f5; Det. S.p. 1030; J.R.M.S. 1333p. 394;
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 Syll. p. 1047; Malaisie; -(A. Americanus-Ailacouiscus-Elipouiscus.)--
Det. Trup 1877p. 344:

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- v. permagna, Witt.-Atlas I7f4; (A. caelatus, v. major.)
 v. impressa, Fortm. Cey. p. 62-7f67; (A. caelatus, var. i.)
 SIGILLUM, Br.-Atlas I7f7; Det. Syll. p. I064;
 SMITHII, Jan. Gu. p. I6-2f9; R. E. D. p. 320; (A. caelatus.)--
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 Atlantic City; (Cestodiscus; -Glyphodiscus; -Pseud-A.)---
 SPLENDIDUS, Rattr.-J. R. M. S. I333p. 385; Notar. I390p. 41; Det. S. p. I049;
 (A. sculptus, var., & gigas.)---
 STELLATUS, H. L. Sm.-W. & C. Ip. 4-2f4; Notar. I333p. I47; Det. S. p. I053;
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 v. flavescens, Pant. 3p2, -3f445;
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 v. inconspicua, Rattr.-J. R. M. S. I333p. 383; Not. I390p. 41; Det. S. p. I032;
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 (Cymbella gastroides, v., & truncata; -Navicula cuspidata & major.)
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" v. tropica, Grun. - M.M.J. 1377p. 173-194f11; Det. S. p. 494: -(B. tropica.)

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" var., Castl. 1337p. 33-15f3:

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FURCATUM, Shaub. - T.M.S. 1354p. 14-1f1; Prit. p. 363-3f23; N. & R. S. p. 33;

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- FIMBRIATA, Grev.-T.M.S. 1335p. 3-1f4: (Denticella.)--
- FISTULOSA, Part. 3p. -13f273:
- FLOS, E.-Grun. 1334p. 7-2f9; 5f59; -(Tric. reticulum, annulatum, flos.)----
- FORMOSA, (Tricerat.)----
- v. pentagonalis, Walk. & Ch. Ip. 2-2f9:
- FOSSA, Gro. & St.-J.Q.C. 1337p. 135-10f15; Notar. 1337p. 350: -(Anaulis.)---
- FRAUENFELDII, Grun.-in V.H.S. (Tricer.)---
- GALLOPAGENSIS, Cl.-N.L.W.D. p. 23-3f74; Malaisia: (Odontella.)--
- GIGAS, E.-Abh. Ber. 1344p. 265; 1370p. 26; Mg. pl. 33-12f11; K.S.A. p. 133; R.E.D. p. 313; Prit. p. 349; Woll. pl. 103f11, 12: (B. Thomeyi.)--
- Det. Syll. p. 373:
- GIGANTEA, Grev.-T.M.S. 1334p. 15-2f9; -(Vittoria g. & Grevilleana.)
- GRANULATA, Roper.-T.M.S. 1359p. 13-1f10, 11; 2f12; Carr. p. 95; Mull; Lagr. 1370p. 15; Fortm. Cey. p. 57; V.H.S. p. 200-9917, 3; T. 492; Atlas 12203, 7: (B., Odontella & Denticella turgidus.)---
- var., A.S., Atlas 122f13:
- GROVEI, Part. 3p. -9f147; 1
- GRUNDLERI, A.S., Atlas 113f22-24; Malaisia; Det. Syll. p. 376:
- GURUVII, Part. 3p. -24f333:
- HEIBERGII, Grun., in V.H.S.: (Tric.: -Denticella.)--
- HEMITROPA, L.W.B.-B.C.M. 4. 1332p. 344, f71, 73; (B. laevis; -Zygoceros.)--
- HETEROCEROS, Grun.-V.H.S. pl. 102f5; Atlas 141f6; Det. S. p. 373:
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- HOMALA, Part. Ip. 50-3f50; 2, p. 33; Notar. 1333p. 530; Det. Syll. p. 374;
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- IMPERIALIS, w. & C. Ip. 1-1f1; Notar. 1333p. 147; Det. S. p. 377: -(Cerataulus)---
- INCLUDENS, E.-Abh. Ber. 1355p. 301: (Aemialia.)--
- INDICA, Roper.-T.M.S. 1359p. 13-2f20-22; Prit. p. 349-3f12; R.E.D. p. 313; Cl. Java p. 3; Fortm. Cey. p. 53; Brun & T. p. 69: (Denticella; -Tric. contortum.)
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- v. areopora, H.V. 1. Sym.: - (Tric. a.)--
- v. micropora, H.V. 1. S.: - (Tric. m.)
- INFLATA, Grev.-T.M.S. 1335p. 50-3f15; Det. S. p. 375:
- IRREGULARIS, Grev.-Grun., in : (Tric.)--
- v. hebetata, Grun., in V.H.S.: - (Triceratium.)--
- JAPONICA, Grun.- (B. coruscans.)
- JAPONICA, Casti. 1337p. 104-23f14; Det. S. p. 376:
- JAPONICA, Part. 3p. -13f267, 271:
- JOHNSONIANA, Grev.-T.M.S. 1333p. 3-2f14, 15; Woll. pl. 97f3: -(Cerataulus).
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- LAEVIS, E.-Abh. p. 122; Mg. pl. 33-1515; A.S. 1342p. 12f3; Prit. 1331p. 457; T.M.S. 1359p. 23-2f24-26; Prit. p. 343; Sm. Sp. 1. 59; Shark River; V. H.S. p. 206-104f3, 4; T. 496; Mobile; Woll. pls. 97f1, 2; 103f3-10; (Cerataulus; -Denticella; -Gallionella; -Metosura thomasi; -Cerataulus.)
- J. Q. C. 1870p. 42: -

- LATA, Grove & St.-J.Q.C. I337p. I35-I4f53; Atlas I72f7; Notar. I337p. 351; Det. Syll. p. 377:
- LOCZYII, Pant. 2p. 36-I5f255; Det. S. p. 375:
- LONGICRURIS, Grev.-M.S. I359p. I63-3f10; Prit. p. 349; R.E.D. p. 312; Cl. I373p. I5; Woll. pl. 93f6; Malaisia; (Denticella.)--
- " var., A.S., Atlas I13f10:
- " v. japonica, Grun., V.H.S. pl. I01f7; (Denticella.)--
- " v. leptoceras, Grun.-V.H.S. pl. I01f1:
- LONGISPINA, Grun., V.H.S. pl. I02f3; Atlantic City; Woll. pl. 93f12; (Odontotroglis.)----
- LUNATA, E.-Abh. Ber. I344p. 77; Mg. pl. I3f53; W.S.A. p. I33; Prit. p. 349; R.E.D. p. 313; Woll. pl. 22f29; (B. Tuomeyi; -Eunotogramma.)----
- MACDONALDII, Normar.-Prit. p. 349-3f23; R.E.D. p. 313; (Denticella.)--
- MANMOSA, Grev.-T.M.S. I333p. 7-2f13; (Odontella.)--
- MANCA, Jan.-Atlas I2If4; (Odontella.)--
- MEMBRANACEA, Cl. I373p. 20-5f35; Woll. pl. I10f9, I0; -(Janischia Titiana.)
- MINUTISSIMA, Grev.-Trans. Bot. Soc. Ed. I365p. 437-6f14; (Odontella.)--
- MIRACULOSA, Brun.-Atlas I72f10:
- MOBILIENSIS, Bailey.-A.S. I345p. 333-4f24; V.H.S. pl. I01f4-3; I03f" A": Cleve Vega p. 503; Woll. pl. 95f9: *Cl. I897p. 20:*
- " v. Baileyi; -Denticella; -Tricernatum; -Eugonoceras.)---
- MORONENSIS, Cl.-N.L.W.D. p. 23-4f53; Det. Syll. p. 372:
- MULTICORNIS, Grun.-V.H.S. pl. I02f7; Det. S. p. 373:
- " v. templum, Brun.-Atlas I73f13, I4;
- NITIDA, Grev.-T.M.S. I335p. 52-6f11; Det. Syll. p. 375:
- NOBILIS, Br.-Brun & Temp. p. 27-5f11; Atlas I72f3; Det. S. p. 374; (B. robusta.)--
- OAUARUENSIS, Grov. & St.-J.Q.C. I333p. 325-I3f10; Atlas I4If4; Notar. I337p. 345; (Odontella.)----
- OBLIQUA, Grun.-*in v. H.S.* (Tricernatum.)--
- OBLIQUATA, Grun.-*in v. H.S.* (Tricernatum.)--
- OBTUSA, W.S.A. p. 312; Prit. p. 343-I3f30-32a; Grun. I333p. 23; R.E.D. p. 312; V.H.S. pl. I03f11-I1; Grun. & T. p. 39; Malaisia; (Denticella.)----
- " v. spinosa, Brun & T. p. 39:
- " v. wigandii, Rabh. E.D. p. 312; (Odontella bidulphoides.)----
- ORNATA, Castr. I337p. I05; (Amphitetras.)--
- " v. hirsuta, Castr. I337p. I05-23f9; (Amphitetras h.)----
- PARALLELA, Castr. I337p. I03-23f10; 23f7; Det. Syll. p. 373:
- PATAGONICA, E.-Mik. p. 299; Det. Syll. p. 373:
- PEDALIS, Grove & St.-J.Q.C. I337p. 74-6f22; Notar. I337p. 345; (Grovea; -Odontella.)----
- PELLUCIDA, Castr. I337p. I03-23f5; Notar. I339p. 746; Det. Syll. p. 373:
- PERMAGNA, Pant. 2p. 36-25f372; 3p. -35f500; Det. S. p. 372; (B. pulchella.)
- PERPUSILLA, Bailey Coll.: Det. Syll. p. 373:
- PERUVIANA, Grun.-V.H.S. pl. I01f2, 3; Atlas I20f14-I9; (B. tumida, v.: -Tric.)----
- PLANA, A.S., Atlas I2If7, 3; Malaisia; (Odontella.)

+ pulchella. - Mm. 7. 1877 p. 63-171 f 1-5

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> spinosa, v. Hillabryana, Br. - L.S., vol. 2, n. 22 pl. 22 f 13:

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- * vars., Cl. & M. No. 234: --, Gran. 1333p. 23;
 --, Cl. Vega p. 503; --, Cast. 1337p. 106-107;
 " var. "b", Roper, T.M.S. 1359p. 14-2f13, 17;
 " v. dubia, Brew. - Cl. Vega p. 503: (Triceratium a. & bicorne.) ---
 " v. trigona, Gran. - Cl. Vega p. 503; V. a. S. pl. 102f3;
 REVERSA, Gro. & St. - J. R. C. 1337p. 134-14f32; Not. 1337p. 351; Det. S. p. 372;
 RHOMBUS, S. B. D. 2p. 49; ls. 45, 3f320; T. M. S. 1359p. 11-1f4; Det. S. p. 372;
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 439; Brun & T. p. 39; Villef. 1. 39; Atlantic City; Woll. pl. 95f7, 12;
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 " var., ?? (Tric. membranaceum.) ---
 " v. fossilis-trigona, Brun. - LeD. Vol. 1. p. 22-4f3;
 " v. tetragona, A. S., Atlas 151f11;
 " v. trigona, Cleve. - V. a. S. p. 205-99f2; T. 490; J. R. C. 1337p. 74;
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 RIGIDA, A. S., Atlas 120f1, 2; Brun & T. p. 39; Det. S. p. 372;
 ROBUSTA, Pant. 2p. 33-12f203, 205; Det. S. p. 372: (B. novilis.) ---
 ROPERIANA, Grev. - M. S. 1359p. 133-3f11-13; Prit. p. 349; R. E. D. p. 312; Sm.
 Sp. T. 32; M. T. P. 4-3-3; Cl. 1373p. 15; Vega pp. 505, 503; Atlas 120f12-13;
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 RUSSICA, Pant. 2p. 33-20f313; Det. Syll. p. 377;
 RUTHENICA, Witt 1335p. 22-9f9, 10; Atlas 121f22, 23; 122f10;
 Pant. 2p. 33: (Denticella.) ---
 SANIBARICA, A. S., Atlas 122f10-12: (Det. S. p. 372) ---
 SARATOVIANA, Pant. 2p. 37-13f273; Det. Syll. p. 373:
 (Hemianthus polycystinorum v. Simbirskiana.) ---
 SCULPTA, Shabo. - V. a. S. p. 203; T. No. 502: 1109f7, 8; T. 508: (Tricer.) -
 SEPARANDA, Jan. - Atlas 141f27; (Quontella.) ---
 SEPTEMLOCULARIS, W. B. p. 133-19f2; W. S. A. p. 133; Prit. 1352p. 457:
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 SINUATA, Grev. - T. M. S. 1365p. 45-5f10; Det. Syll. p. 375;
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 SPINOSA, Grev. - T. M. S. 1365p. 3-1f3; (Denticella.) -
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 " v. Baltica, Gran. - V. a. S. pl. 100f5, 3: (Quontella s., var.) -
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 * SUBORBICULARIS, Gran. - V. a. S. pl. 100f15, 13; Woll. pl. 95f5, 11: -(Denticella.) -
 SURIRELLA, Rabh. E. D. p. 311: (zygoneros.) ---
 TENERA, Grove & St. - J. R. C. 1337p. 134-14f5, 37; Atlas 141f5; Notar.
 1337p. 351; Det. Syll. p. 373;
 TENTACULIFERA, Cleve. - N. L. K. D. p. 25-5f37: (Det. S. p. 372) ---

- TENUIS, L.W.B.-B.J.N.H. 136Ip.335-If25; Wollé pl.93fII, I2; Del.S.p.933;
 TENUCORNIS, Grev.-T.M.S. 1365p.51-5fI7; (Ouantotropis.)-
 TITIANA, Grun., Cl. & M.No. 176;
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 TRANSVERSA, Wigand.-Heaw.Vol.2p.45-7fI3; (B.pulchella & var.)--
 TRIDENS, E.-Abh.Ber. 134Op.205; (B.Thomeyi; -Denticella.)-
 TRIDENTATA, E.-Abh.Ber. 1344p.69; Mg.pls. 13f52a-c; 2If24a-a: 20-If53;
 19f2I; Mg. 1356p.63; weisse 1354pls.2f33; 2f"II": 1334p.243; Prit.p.
 343; R.E.D.p.312; Atlas II3f 13-31; Pant.2p.37-15f253; Malaisie;
 Atlas 142f42, 43; (B.tridens & Thomeyi; -Denticella; -Enotogr.weissii
 " forma minor, Pant.2p.37-2If326;
 " v. Andesitica, Pant.2p.37;
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 (B.pulchella; -Denticella biddulphia & tridens.)--
 TRINACRIA, L.W.B.-B.J.N.H. 136Ip.333-If34, 35; Wollé pl.93fI3, I4;
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 TSCHESIMOVII, Pant.3p. -23f333;
 TUBULOSA, Brun, 139Ip. 13-12f9; (Ouantella.)---
 TUMIDA, Roper.-T.M.S. 1359p.15-2fI3, I9; Prit.p.349; R.E.D.p.313;
 (B.Perriana; -Denticella; -Ouantella.)---
 TUOMEYI, Bailey.-T.M.S. 1359p.3-IfI, 2; Prit.p.343-3fI0; Breb.Verm.p.10;
 R.E.D.p.312; Petit Cat.p.35; Fortm.Cey.p.57; Cl. 1373p.13; Vega p.503;
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 Castr. 1337p.106-23fI0; Malaisie; Atlas II3fI-7; II9fI-3; Brun & 1.p.
 69; Atlantic City; Perag.p.75; Villef.p.69; Wollé pls.22fI; 95fI-4;
 Pant.2p.37; Del.Syll.p.37I;
 (B.lunata; -B.(& Denticella) gigas, regina, tridens, tridentata; -
 Denticella margaritifera; -Zygoceros.)--
 " vars., A.S., Atlas II9f3, I5-17;
 " v.andesitica, Pant.2p.37; Del.S.p.37I;
 " v.Boryana, Pant.2p.37; 3p. -IIIfI35; Del.Syll.p.372;
 " v.elongata, Pant.Ip.51-30f3II; 2p.37; Notar. 1333p.530;
 Del.Syll.p.372;
 " v.globiceps, A.S., Atlas 120f3;
 " v.Hungarica, Pant.2p.37-13f290; 19f30I, 303; Del.S.p.372;
 " v.Pacifica, Castr., 1337p.113-30f3;
 TURGIDA, S.B.D.2p.50-62f334; T.M.S. 1359p.17-2f23; Prit.p.349; Carr.p.
 95; Schum. 1337p.30; N. & R.S.p.33; Hall; R.E.D.p.312; O'M.I.D.p.273;
 Deby Polder p.II; Cl. 1373p.9; 1373p.15; V. i.S.p.206; Shark River;
 Wollé pl.97f3, 4, 7; Atlantic City; M.M. 1377p.63-171f8-12
 (B.granulata; -Denticella; -Ouantella.)--
 URSINA, E.-Abh.Ber. 1344p.200; K.S.A.p. 133; Prit.p.349; R.E.D.p.313;
 Del.Syll.p.377;
 UNIFASCIATA, Wigand.-Heaw.Vol.2p.45-7fI9; (B.pulchella & v.)--
 VASTA, Pant.2p.37-22f333; Del.S.p.373;
 VIRGATA, Grove & St.-J.Q.C. 1333p.325-13fII; (Kittoria.)-
 VITREA, Brun, 139Ip. 13-19fI0; (Denticella.)---
 VITATA, Gro. & Sturt.-J.Q.C. 1337p. 134-IIIfI9, 20; Notar. 1337p.35I;
 Del.Syll.p.373;

Brevissonia.

Bacchi - Cleve Navic. p. 125:

" v. minor, Cl. Nav. p. 125:

Calamphosa.

subgenus Amphorae: - Vide Cl. Nav. 2p. 126: - 1893.

WEISSBLOGII, Jan.-V.4.S.pl.100ff1,2; Casti.1337p.104-23f2; Atlantic City; Atlas 141f12-23; Wille pl.73f3-5; Notul.1339p.747; Del.Syll. p.373: (Denticella.)-

* var., A.S., Atlas 141f24-26;

WOOLMANII, K. & S.-T.B.C.Vol.13p.74-39f3; Wille 93f4; Del.Syll.p.372:

BRACHYSIRA. ---- (Kz., 1833.)-

APOMINA, K., Alq. No. 153; Lapp. 1334p.61; 10f3:

(Amphora; -Navicula a., & var.: -Nav. brachysira; Nav. sericans.)-

BREBISSEIA. ---- (Grun., 1843.)-

-----, ?-(Gomphonema naviculaoides.)--

BRECKII, Grun. 1339p.312; Piltzer p.75; O.P.I.C. p.203-24f22; Cl. & V.

No.21: A.S.M. 1377p.150; V.4.T.No.150; Cl.1391p.41; Del.Syll.p.311:

> (Cocconeum; -Doryphora; -Gomphonema lanceolatum, p.p.: -Navicula.)--

WEISSBLOGII- Grun.-M.M.J. 1373p.51f-44f9; Cl.1373p.7-11f9; Del.S.p.311:

(Navicula.)-

BRIGTHWELLIA. -- (Ralfs, 1860.)-

CORONATA, Ralfs, Prit.p.940; Rattr.Rev.p.630; Bot.Cult. 1333p.35; Del.

Syll.p.1191: (B. Murrayi & pulchra; -Craspedoulce.)

* v. radians, Rattr.Rev.p.631-3f14; Del.S.p.1191:

ELABORATA, Grev.-T.V.S. 1331p.73-9f1; Rattr.Rev.p.630; Atlas 133f22:

Del.Syll.p.1191:

EXCELENS, Rattr., Rev.p.630-3f13; Del.S.p.1191: -(B. splendens, Grev.)---

HYPERBOREA, Grun.-V.4.S.pl.128f3; Atlas 133f23; Rattr.Rev.p.630;

Grun. 1334p.13-2f34; Del.S.p.1191: (B. Russica.)---

JOHNSONII, Ralfs, T.V.S. 1333p.4-11f1; W. & C. 21.2-7f10; Del.S.p.1191;

Rattr.Rev.p.631;

MIRABILIS, Brunn & T. p.27-3f1: (Brunia.)--

MURRAYI, Casti. 1337p.133-10f2; Notul. 1339p.747: (B. coronata.)----

PULCHRA, Grun.-V.4.S.pl.128f9; J.Q.C. 1337p.37; Atlas 133f21:

(B. coronata.)-

RUSSICA, Prit. 21.115-27f33; Del.S.p.1191: (B. hyperborea.)

SPLENDIDA, Grev.-Rattr.Rev.p.629; Del.S.p.1191: -(B. hyperborea, Grev.)

SPLENDIDA, Rattr.Rev.p.631: (B. excellens.)--

BRUNIA. ----- (Tempera, 1890.)-

→ JAPONICA, Tempe. -L.S. Vol.1. p.21-4f1,46; Del.Syll.p.1191; *Le S. 2, No. 21 p. 187.*

MIRABILIS, Tempe. -L.S. Vol.1. p.22; Del.S.p.1191; *Le S. 2, No. 21 p. 187.*

californica, Jany. - Le S. 2, No. 21 p. 187. J. N. S. 1890. (11. 1890.)

CALCOTRIS. ---- (Desvaux, 1828.)

RANULOSA, Desvaux. -A. Conc. p.281: *Le S. 2, No. 21 p. 187.*

cupressi, Desvaux. -A. Conc. p.281: Le S. 2, No. 21 p. 187.

CALODISCUS. ---- (Rabh., 1870.)

SUPERBUS, Rabh. S.D. p.12, pl.3; Prit. p.302-3f50: (Camylousens.)--

Cap. Cr. is.

1. Thermalis, G. - Cl. 1875 p. 111

Bonénica, G. - Cl. Ser. 2, n.º 19 p. 145-9, f. 5:

(Varicella.) -

- ABNORMIS, Grun.-Cl.Navic.p.61: (Navicula.)
- ADENENSIS, Cl., Nav.p.60-3f33;
- AEMULA, A.S.-Cl.Nav.p.57: (Nav.a. & subaemula.)
- " v.major, Cl. & Gro.-Cl.Nav.p.57: (Nav.ae., v.major.)
- ALPESTRIS, Grun.-Cl.Nav.p.53; (Navicula.)
- AMICA, Cl. & Gro.-Cl.Nav.p.64:- (Navic.)
- AMPHISBAENA, Bory.-Cl.Nav.p.53:-(Frust.depressa; -Nav.amph.)-
- " v.Fenzlii, Grun.-Cl.Nav.p.59: (Nav.F.: -N.amph.v.Fenzlii: -N.elegans;)
- " v.fusca, Schum.-Cl.Nav.p.53: (Nav.fusc.)
- " v.liburnica, Grun.-Cl.Nav.p.53: (Nav.l.)-
- " v.subsalina, Conr.-Cl.Nav.p.55: (Nav.amph., vars."b", salina & subsalina.)--
- " " subsalina, forma major, Cleve Nav.p.53;
- " v.Vukotinovicii, Pant.-Cl.Nav.p.53:- (Nav.V.)---
- ANDERSSONI, Cl.Nav.p.60: (Navicula.)
- >BACILLARIS, Greg.-Cl.Nav.p.50: a. cl. 1875 p. 15: (Navicula.)
- BECCARIANA, Grun.-Cl.Nav.p.50: (Nav.B.)
- BICLAVATA, Cl. & Gro.-Cl.Nav.p.59:-(Nav.b.: -Stauroneis Breb.)
- BICONSTRICTA, Gro. & St.-Cl.Nav.p.63: (Nav.b.)
- BISERIATA, Petit.-Cl.Nav.p.63: (Nav.b.)----
- BIVITTATA, Pant.-Cl.Nav.p.59: (Nav.b.)---
- BOSSESI, Pant.-Cl.Nav.p.63: (Nav.b.)--
- >" v.Heribaudi, Perag.-Cl.Nav.p.53: (Nav.Her.)
- BLANDA, A.S.-Cl.Nav.p.62:-(Nav.b.: -Pinn.Ergadensis.)---
- BOTINICA, Cleve Nav.p.61-3f42;
- BREVIS, Cleve.-Cl.Nav.p.61: v. cl. 1877 p. 11: (Nav.b. & crassa.)--
- " v.distoma, Grun.-Cl.Nav.p.61: (Nav.d.)---
- " v. " forma angustior, Grun.-Cl.Nav.p.61:-(Nav.d., forma ang.)--
- " v. " " bicuneata, Cleve, Nav.p.61:
- " v. " " latior, Grun.-Cl.Nav.p.61:-(Nav.d., forma l.)--
- " v.vexans, Grun.-Cl.Nav.p.61:-(Nav.brevis, var.v., & illi, lina.)--
- CAMPBELLI, Petit.-Cl.Nav.p.63: (Nav.C.)
- CASTRACANEI, Grun.-Cl.Nav.p.64: (Nav.C.)---
- " v.Calcedonica, Cl.Nav.p.64;
- " v.genuina, Cl.Nav.p.64:-(Nav.C.)-
- " v.Petitiiana, Grun.-Cl.Nav.p.64: (Nav.C.)
- " v.Phillipinarum, Cl.Nav.p.64:
- " v.Seychellensis, Grun.-Cl.Nav.p.64:
- CLAVIGERA, Cl.Nav.p.53-4f3;
- CLEVEI, Lagr.-Cl.Nav.p.51: (Nav.C.)
- COLUMBIENSIS, Cl.Nav.p.51-3f34;
- CONSIMILIS, A.S.-Cl.Nav.p.57: (Nav.c.)
- CURVINERVIA, Grun.-Cl.Nav.p.53: (Alloioneis c.)
- DISPERSA, Gro. & St.-Cl.Nav.p.62:-(Mastogloia decorata; -Nav.d.)---
- DUSENII, Cleve Nav.p.59-4f4:
- EGEA, A.S.-Cl.Nav.p.63: (Nav.e.)--
- ELONGATA, Pant.-Cl.Nav.p.53: (Nav.e.)----

- pacifica, n. ec, 1875 p. 16.

+ liber, n. S. -

- " var. elongata, Gn. - (Atlas 1727); Oestrup 1897 p. 311:

- EUGENIAE, Cl.Nav.p.53: (Navicula E.)---
 EXIMIA, Grun.-Cl.Nav.p.53-4f2:
 FASCIATA, Lagr.-Cl.Nav.p.50: (Nav.bacillum & var.inconstantissima; -N. f., fonticola, fontinalis, lacinarum, Gregatii var.lanceolata, molaris var.Abyssinica; -Stauroneis bac.: -Staur.(Pleurostaurum)parvulum.)
 FORMICINA, Grun.-Cl.Nav.p.53: (Nav.f.)
 FORMOSA, Greg.-Cl.Nav.p.57: (Nav.f., libanica & Oregonica.)---
 " v.Holmiensis, Cl.Nav.p.53: (Nav.f. & l.)--
 " v.interrupta, Cleve Nav.p.53:
 " v.quadrifida, Grun.-Cl.Nav.p.53: (Nav.q.)
 FRATER, Cl.Nav.p.60-3f26;
 GALAPAGENSIS, Cl.Nav.p.57: (Nav.G.)
 " v.contracta, Grun.-Cl.Nav.p.57: (Nav.con.)
 " v.Japonica, Cl.Nav.p.57: -(Nav.G., var.Jap.: -N. contracta.)
 HARMANIANA, Cleve Nav.p.67:
 HOLSTII, Cl.Nav.p.62: (Nav.H.)
 KAINITZII, Pant.-Cl.Nav.p.53; (Nav.K.)
 KINKERIANA, Truan.-LeD.Vol.2p.73-12f5; Cl.Nav.p.65: -(Nav.K. & Venis.)--
 KRYOPHILA, Cl.Nav.p.64: *Oct. 1897 p. 311-2f3*; -(Nav.K. & var.gelida.)---
 LADOCENSIS, Cl.Nav.p.62: (Nav.L.)
 LACERTHII, Cl.Nav.p.61; *Oct. 1897 p. 311-2f3*
 LATEFASCIATA, Grun.-Cl.Nav.p.57: (Nav.l.)--
 LATEVITTATA, Pant.-Cl.Nav.p.67: (Nav.l.)
 LATIUSCULA, K.-Cl.Nav.p.61: (Nav.l. & patula.)---
 LEPIDULA, Grun.-Cl.Nav.p.50: (Nav.l.)
 LIBER, W.S.-Cl.Nav.p.54: (Nav.l.)--
 " v.bicuneata, Grun.-Cl.Nav.p.55: -(Nav.B., Bleischii & maxima.)---
 " v. " forma lanceolata, Cl.Nav.p.55: (Nav.excentrica, p.p.)
 " v.Bleischiana, Cl.Nav.p.55-4f1: (Nav.B., p.p.)
 " v.excentrica, Grun.-Cl.Nav.p.55: (Nav.exc., p.p.: -N. deleta & formosa var.fossilis.)---
 " v. " forma, Cl.Nav.p.54: -(Nav.l., maxima, p.p., & formosa.) *Oct. 1897 p. 311-2f3*
 " v. " forma convexa, Cl.Nav.p.54: (Nav.Halekii.)
 " v. " tenuistriata, Cleve Nav.p.54;
 " v.linearis, Grun.-Cl.Nav.p.54: (Nav.l.)
 " v.relegata, Cl., Nav.p.54;
 " v.umbilicata, Grun.-Cl.Nav.p.54; (Nav.maxima, vars.umbilicata & Asiatica.)
 LOBATA, Schwartz.-Rab.Alg.243I: Cl.Nav.p.51: -(Nav.l.)
 MADAGASCARENSIS, Cleve Nav.p.59: (Nav.M.)-
 MUSCA, Greg.-Cl.Nav.p.15: (Nav.m., muscaeformis, p.p., constricta & intercedens.)-
 " v.eurynota, Cl.Nav.p.65:
 " v.intermedia, Cl.Nav.p.65: (Nav.m., var.inter.)
 " v.margino-punctata, Gro. & St.-Cl.Nav.p.65: (Nav.margino-p., & margino-lineata.)---
 " v.mirabilis, Fortm.-Cl.Nav.p.65: (Nav.m.)--
 NUBICOLA, Grun.-Cl.Nav.p.53: (Nav.n.)
 OBTUSA, W.S.-Cl.Nav.p.54: *Oct. 1897 p. 311-2f3*; -(Nav.hebes & o.)---

- OPHIOCEPHALA, Gro. & C.-Cl. Nav. p. 56: *Atlas 212 f6;* (Navicula.)
 PATAGONICA, Cl. Nav. p. 52: *Le D. Bot. 2, no. 17 p. 100-79;* (Nav. viridis, var. P.) -
 PERMAGNA, Bailey.-Cl. Nav. p. 59: (Nav. & Pinn. p.)
 POWELLII, Lewis.-Cl. Nav. p. 53: (Nav. P.)
 " v. Atlantica, Cl. Nav. p. 53: (Nav. P., & setifilis, v. Boryana.)
 " v. Bartholomei, Cl. Nav. p. 53: (Nav. B.)
 " v. Egyptiaca, Grev.-Cl. Nav. p. 53: (Nav. sg.)
 " v. Gallapagensis, Cl. Nav. p. 53: (Nav. Pow., var. G.)
 " v. Vidovichii, Grun.-Cl. Nav. p. 53: (Nav. V.)
 PROBACILIS, A. S.-Cl. Nav. p. 53: (Nav. . .)
 QUADRISERIATA, Gro. & C.-Cl. Nav. p. 54: -(Nav. duplex, p. p., & q.) -
 ROBUSTA, Grun.-Cl. Nav. p. 55: (Nav. r.)
 " v. perlonga, Pant.-Cl. Nav. p. 55: (Nav. p.) --
 " v. subelliptica, Cl. Nav. p. 55: (Nav. rob., var. s.) -
 SAMOENSIS, Grun.-Cl. Nav. p. 50: (Nav. mammalis & s.)
 " v. bimaculata, Pant.-Cl. Nav. p. 50: (Nav. b.) ---
 SECTILIS, A. S.-Cl. Nav. p. 50: (Nav. s.)
 " v. Boryana, Pant.-Cl. Nav. p. 50: (Nav. b. & pavidus.) -
 SCHUMANNIANA, Grun.-Cl. Nav. p. 53: (Nav. s. & trochis.) --
 " v. trinodis, Lewis.-Cl. Nav. p. 53: -(Nav. t. & biconstricta.) ---
 SCINTILLANS, Tp. & Br.-Cl. Nav. p. 53: (Nav. s.)
 SEJUNCTA, A. S.-Cl. Nav. p. 52: (Nav. l.) ---
 SILICULA, E.-Cl. Nav. p. 51: *Le D. Bot. 2, no. 17 p. 100-79;* (Nav. s., p., & limosa.) --
 " v. alpina, Cl. Nav. p. 51: *1875 p. 15-19;* (Nav. s., p., & limosa.) --
 " v. capitata, Lagr.-Cl. Nav. p. 52: (Nav. c.,
 " v. cincta, Grun.-Cl. Nav. p. 52: -(Nav. s., var. c.)
 " v. globosilla, V.-Cl. Nav. p. 51: (Nav. g., & limosa, var. g.) ---
 " v. inflata, Grun.-Cl. Nav. p. 51: -(Nav. limosa, vars. infl. & sinuif.) / *1875 p. 15-19;*
 " v. Jernissensis, Grun.-Cl. Nav. p. 52: *1875 p. 15-19;* (Nav. s. & ventricosa.) --
 " v. Kjellmaniana, Grun.-Cl. Nav. p. 52: (Nav. ventricosa, v. Kj.) ---
 " v. minuta, Grun.-Cl. Nav. p. 51: (Nav. v. min. v. l.) --
 " v. undulata, Grun.-Cl. Nav. p. 51: (Nav. limosa, v. und.)
 " v. s. ventricosa, Grun.-Cl. Nav. p. 52: (Nav. s.) ----
 " v. truncatula, Grun.-Cl. Nav. p. 52: *cl. 1895 p. 15;* (Nav. vent. v. tr.) ---
 " v. ventricosa, E. (Donk).-Cl. Nav. p. 52: (Nav. vent., & var. sinuif., p. p.:
 Nav. Horvathii, Haslenszkyi, neogena.) -
 STAUROPHORA, Grun.-Cl. Nav. p. 53: (Pleur.) --- ?
 " v. Asiatica, Tp. & Br.-Cl. Nav. p. 53: -(Pleur.) A.)
 SUPERGRATA, Br.-Cl. Nav. p. 52: (Nav. s.) -
 TAHITIENSIS, Grun.-Cl. Nav. p. 52: (Nav. l.)
 VENUSTA, Pant.-Cl. Nav. p. 54: (Nav. v.)
 VIRGINEA, Cl. Nav. p. 53: (Nav. v. & parallela.)
 WARDII, Cleve Nav. p. 57-3f39-41;
 WITII, Grun.-Cl. Nav. p. 53: (Nav. w.)
 ZANARDINIANA, Grun.-Cl. Nav. p. 53: (Nav. z.) ---

atlas 14 f 23 = *C. bivittatus*:-

14 f 31 = *C. braziliensis*:-

15 f 11 = *C. biseriata*:-

18 f 8 = *C. braziliensis*:-

> aemulus, A.S., atlas 207 f 12;

> Bellus, A.S., atlas 207 f 4, 5:

+ biangulatus, Oestrup 1897 p. 334:

✓ challengerensis - Deby, Camp. p. 69:

BICINCTATUS, Grev.-T.M.S. 1332p.20-3f2; Grun. 1332p.444-IOf1a; Atlas 55f1;
D.P.5I; Atlas 14f13-24; Deby Camp. pl. 7f33a, b p.42; (C. remora.)--
BICINCTUS, Castr. 1337p.33-IIIf2; Notat. 1339p.333; Del. S.p.6f8; Deby C. p.42;
BICOSIATUS, W.S.-T.M.S. 1354p.75-6f4; S.B.D. 2p.33; Prit. p.30I; R.E.D.
p.47; Bieb. D.C.p.13; Grun. 1332p.444-IOf1b; 1373p.24; Car. p.33; Deby
Polder p.II; Atlas 55f4-6; Italy; V.R.S. pl.75f2; 1.433; Cl. 139Ip.53;
Wolle pl. IIOf3,4; Del. S.p.326; Deby Camp. pl.7f33a, b p.42; (C. remora.)--
v. Arabica, A.S., Atlas 55f7; (C. bicostatus.)--
v. parvula, Grun. 1332p.444-IOf2;
v. Peisonis, Grun. 1332p.444-IOf1a;
v. quadrata, Grun. 1332p.444-IOf3a,b;
BICRUCIATUS, Greg.-T.M.S. 1357p.73-If42; Prit. p.799; Car. p.33;
R.E.D. p.46; (C. Thurellia similans.)--
BIFURCATUS, A.S., Atlas 55f3; Wolle pl.72f2; Deby Camp. pl. 5f11 p.42;
BIMARGINATUS, A.S., Atlas 1of7; 13f15; Wolle pl.33f3; Deby Camp. p.42-
3f47; Del. Syll. p.325;
BIROSTRATUS, Deby Camp. pl. If1 p.42; Atlas 14f23; Del. Syll. p.303;
(C. impressus.)--
BISERIATUS, Deby Camp. pl. IfII p.42; Atlas 15fII; Del. S.p.3II;
BORYANUS, Pant. 3p. -40f550;
BRASSAYI, Pant. 3p. -30f443;
BRAZILIENSIS, Deby Camp. p.19; Atlas 14f3I; 13f3; (C. Samoensis.v.)
BREMIANUS, Pant. 3p. -40f543;
BRIGHTWELLII, Grun. 1332p.445-9f5; R.E.D. p.5I; Atlas 15f3,7; 207f15;
Cl. Java p.II; (C. striatus & annulatus.)
BRIOCENSIS, Grev.-Atlas 5If1,2; (C. eximius,v.)--
BROWNEANUS, Grev.-T.M.S. 1332p.39-9f2; R.E.D. p.5I; Del. Syll. p.320;
Deby Camp. pl. 5f24a p.42; (C. circumcinctus.)--
v. Phalangium, A.S.-Deby Camp. pl. 5f24c; Del. S.p.320;
v. rotula, Grove.-Deby Camp. pl. 5f24b; Del. Syll. p.320;
BRUNEANUS, Deby Camp. p.95; Del. Syll. p.310;
CALCAP, Fortm.-Annales Bot. Brit. 1392p.23-4f1; Deby Camp. p.2;
CALIFORNICUS, Grove.-Deby Camp. p.37-14f70; Del. S.p.320;
CAESATIANUS, Rabh. E.D. p.50; (C. echeneis,v.)--
CANALISATUS, Brun & Temp. p.23-2f5; Deby C. p.91; (C. vitricavus.)
CARINATUS, E.-Abh. Ber. 1375p.133; Del. S.p.332;
CASPIUS, L.-Abh. Ber. 134Op. : 1372p.171-12fII; (C. echeneis.)--
CASTILII, E.-Abh. Ber. 1339p.46pl. If "F": Wolle pl. 56f9; (C. clypeus.)--
CASTRACANEI, Jan. Gaz. pl. 19f15; 20fI; (C. incertus, f.f.)--
CENTRALIS, Grev. D.C. p.29-3f5I; Prit. p.300; Car. p.33; Italy;
R.E.D. p.43; (C. laticus.)--
CIRCUMACTIS, A.S., Atlas 14f34,35; Deby Camp. pl. 2f2; Deby S. p.303;
(C. marginatus.)----
CIRCUNDUCTUS, Fortm. Cey. p.47-4f5I; (C. Browneanus & rotula.)--
CLEVEI, Fortm.-Ann. Bot. Brit. 1392p.29-4f4;
CLIVOSUS, Brun & T. p.23-2fIII; Deby Camp. p.92-12f53; Del. Syll. p.327;
(C. confusus.)

+ Chelone reticulata, Atlas 258 f 14. Petit, Cas.

- CLYPEUS, L.-Abb. 321. 1340p. 205; 1341p. 11; 1359p. 1. 12, 11; 1370p. 1. 2-111; 1371pls. 1a, f12; 1b, f29; 1c, f1; M. pls. 10-1f1; 10-2f21; 11f3; 13-1f 23; 13-2f4; 39-1f13; 1353p. 33; K.B.p. 59-2f5; K.S.A.p. 32; A.O.S. 1351 pl. 2-1f1; S.B.D. 21. 33; R. Alg. No. 1161; Weisse 1350p. 353-3f1; Cl. 11. 1f 14; Prit. p. 300-17f151b-513; Brit. S. 1. 17; Cl. M. 1352p. 110; 1370p. 21; R. E.D.p. 47; Jan. Gaz. p. 17; Schum. 1352p. 135; Carr. p. 33; Girard Foss. p. 9-1f4; Cl. 1353p. 233; 1391p. 53; Eiben, 1371; Cl. & M. 13; Breb. Verm. p. 3; Lagr. 1376p. 46; Sm. Sp. 1. 62; M.T.P. 2-3-10; Atlas 55f1-3; 54f7, 8; B.S. B. 1379p. 6; J.Q.C. 1335p. 167; Dannf. p. 41; V.H.S.p. 191-75f1; 1. 435; Det. Syll. p. 615; Mobile; Perag. p. 63; Wollé pl. 73f3; Malaisie; Pant. 2p. 70; Deby Camp. p. 9f50 **p-42**;
(C. Castilii, Hambolatii, ovatus, stellula; -Cocconeis; -Spiricella.) ----
COCCONEIFORMIS, Cl. M., Cl. & M. No. 173, 214; Cl. Vega p. 502-35f13;
Deby Camp. p. **42**-9f51;
COLLECTUS, L.w.B.-B.O.N. 4. 1361p. 353-2f33-40; Det. S. p. 632;
COMPTUS, Jan. Gaz. 11. 19f16; (C. singularis.) ----
CONCINNUS, Grev.-T.M.S. 1360p. 30-3f2; Prit. p. 300; Gran. 1363p. 5; Atlas 13f16, 17; Wollé pl. 72f5; *Petit, Cap Horns* - (C. marginatus & imperialis.) --
" v. lineata, A.S., Atlas 53f9; Wollé pl. 72f6; (C. lineatus.) --
CONTIGUUS, A.S., Atlas 13f19-21; Malaisie; (C. latus.) --
CONIORTUS, Pant. 3p. -35f501;
COOPERI, ? Det. Syll. 1. 632;
CORONILLA, Brun, 1391p. 14-2f3; Deby Camp. p. 33-13f33; 14f39;
Det. Syll. p. 625; (C. Degeanus.)
CORUSCANS, A.S., Atlas 14f17; Deby Camp. p. **42**-7f35; Det. S. p. 622;
COSTATUS, W.S.-A.M.N. 4. 1351p. 6-1f1; S.B.D. 11. 29-6f52; Brit. Inf. Fauna pl. 9f10; M.D. 11. 12f6; Heib. p. 99; Hedw. Vol. 2p. 29pl. 5; Hall; R.E.D.p. 46f11a; Schum. 1364p. 13; Italy; N. & R.S. p. 65; Roper, Thames; Cl. 1363p. 232; Carr. 1361p. 345f173; Perag. p. 63; Wollé pl. 59f10, 11; 1370p. 1. 12; A.M.M. 5. 1391p. 1. 1f25; (C. hibernicus & Noricus.)
" var. "b", S.B.D. 11. 29-6f52b; Gran. 1362p. 436-10f6; Raab. Alg. No. 1441 sub; (C. Noricus, v.) -
CRASSUS, Pant. 3p. -35f516;
CREBRECOSTATUS, Grev.-T.M.S. 1363p. 14-1f6; R.E.D.p. 51; Malaisie; Fortm. Cey. p. 46; Cl. Vega p. 513; Deby Camp. p. **42**-1f5; Det. S. p. 613;
(C. angularis, australis, intermedius, singularis, testacea, humilis.)
" v. speciosa, A.S., Atlas 15f16; Malaisie;
CREBRESTRIATUS, A.S., Atlas 14f23; 53f13; Wollé pl. 33f9; (C. crebrecostr.)
CRIBROSUS, W.S.-A.M.N. 4. 1351p. 7-1f3; S.B.D. 11. 29-7f55; Carr. p. 33; Cl. 1363p. 233; Roper, Thames; New Zealand; Hall; Lagr. 1373p. 46; Malaisie; Perag. p. 63; Shark River; Wollé pl. 70f1, 2; (C. argus & echeneis.)
CRYSANTHEMUM, Brun & T. p. 26-2f7; Deby Camp. p. 91-12f55; Det. S. p. 623;
CAMAELIANUS, Gran. 1373p. 24; Atlas 54f1, 2; Cl. & M. No. 30; Vega p. 507; Malaisie; Pant. 2p. 71; Deby Camp. p. **43**-12f53; Det. S. p. 616;
" v. communita, A.S., Atlas 17f11;
" v. Sonderianus, Gran. in litt.: -

- DECORUS, Ralfs, Prit. p. 300; Grun. 1352p. 443-9f7; Breb. B.C. p. 13, f2;
 Verm. p. 3; Carr. p. 33; Mill: Atlas 14f, 5; Fortm. Cey. p. 47; Vega p.
 513; V.H.S. pl. 75f3; Perag. p. 63; Villef. p. 61; Italy; Deby Camp. p. 43-
 2f15; Malaisie: (C. Ralfsii, v.)-
 * v. pinnata, Perag. Villef. p. 61-1f1: (C. Ralfsii, v.)--
- DEBYI, Fortm. -Ann. Bot. Buit. 1392p. 27-3f1: *Deby C. p. 43*;
 DENSECOSTATUS, Cl. Vega p. 513-33f73; Det. S. p. 614: -(C. crebrecostat., v.)-
 DENTATUS, Deby Camp. p. 63-14f74; Det. Syll. p. 619;
 DETONIANUS, Deby Camp. p. 63-14f74; Det. Syll. p. 613;
 DILATUS, Pant. 3p. -33f532;
 DIPLOSTICTUS, Norman. -T.M.S. 1350p. 31-3f6; Prit. p. 302; Malaisie;
 R.E.D. p. 51; Det. S. p. 613;
 DIVISUS, Fortm. Cey. p. 43-5f53; Malaisie; (C. latus.)-
 DOEGEANUS, Deby in litt.: Camp. p. 22; Det. S. p. 625: (C. coronilla.)-
 DUBIUS, Fortm. Cey. p. 43-4f47a, b: (C. latus.)-
 ECCLESIANUS, Grev. -M.J. 1357p. 12-3f5; Prit. p. 301; R.E.D. p. 51; Mobile;
 Atlas 15f10; Cl. 1373p. 12; Brun & T. p. 39; Pant. Ip. -3f23; 2p. 71;
 Wolle pl. 33f7; Deby Camp. p. 43-7f40; Det. S. p. 623: *Atlas 208f3*;
 (C. fenestratus, gibberosus, Graeffii, Rabenhorstianus.)----
 * var., A.S., Atlas 15f3, 9;
 ECHNEUS, E. -Abh. Ber. 1340p. 206; 1341p. 11; M.J. 1355p. 33; W.S. p. 39; W.S.
 A. p. 34; Prit. p. 302; R.E.D. p. 49; M.T.P. 2-3-II; Sm. Sp. 1. 63; Cl. & M. 12;
 Darrf. p. 41; Cl. 1373p. 13; Vega p. 452; 1391p. 53; Italy; Carr. 1373p. 20;
 Grun. 1373p. 24; V.H.S. p. 191-76f1, 2; T. 437; Malaisie; Atlas 54f3-5; J.
 Q.C. 1335p. 176; Mobile; Wolle pl. 73f5-7; Deby Camp. p. 43-9f49; Det.
 Syll. p. 614:
 (Coronia; -C. Amstelodamensis, argus, Caspian, erubescens, Sonderianus.)-
 * v. Caesarianus, Rabh. E.D. p. 50; Italy; Det. Syll. p. 615;
 EITZENBERGII, Ralfs, Prit. p. 302-12f12, 13, 22, 23; R.E.D. p. 50; Italy;
 Wolle pl. 53f3; Det. S. p. 631: (Spirinella campylobolus.)---
 ETOWANUS, E. -Mik. 1353p. 35; Det. S. p. 632;
 EISENII, Grun. -Deby Camp. p. 23:
 ELEGANS, E. -Ralfs, Prit. p. 302; R.E.D. p. 50: (Spirinella.)
 EMARGINATUS, Deby Camp. p. 65-14f73; Det. Syll. p. 612;
 EROSUS, Castr. 1337p. 63-11f3: (C. undulatus.)-
 * var., Castr. 1337p. 63-11f5: (C. undulatus.)-
 EULENSTEINI, Pant. 2p. 71; 3p. -13f193:-
 EXIGUUS, Grun. 1352p. 441-11f4; R.E.D. p. 49; Det. Syll. p. 331; Italy:
 (C. Ralfsii.)--
 EXILIS, Grun. -Atlas 13f3:
 EXIMIUS, Greg. D.C. p. 31-3f54; Grun. 1352p. 441-11f5; Breb. Verm. p. 3; R.
 E.D. p. 43; Carr. p. 33; Prit. p. 300; Italy: Atlas 15f3; Perag. p. 63; Det.
 S. p. 623; Malaisie; Villef. p. 62; Deby Camp. p. 43-10f11; *Atlas 208f3*;
 * v. Briocensis, A.S., Atlas 52f1, 2; (C. Hodgsoni, v.)----
 FASTUOSUS, E. -Abh. Ber. 1345p. 331; W.S.A. p. 33; Prit. p. 301; R.E.D. p. 43;
 Italy; Grun. 1352p. 441-9f3; (C. similans & Thuretii; -Spirinella.)--
 FENESTRATUS, Grev. -M.J. 1357p. 9-3f4; Prit. p. 301; R.E.D. p. 51:
 (C. ecclesianus.)---
 FLAMMIGER, Fortm. Cey. p. 47-4f53; *Deby C. p. 43*: (C. Pacificus.)-

+, at Pass 2 - 89 1/2

- FLEXUOSUS, Ralfs.-Prit.p.302-I2fII: (Smirrella spiralis.)
 FLUMINENSIS, Grun.I362p.447-IIf3; Atlas I4f6; Villef.p.6I:
 (C. Quatrefloriensis.)--
 FORTIS, Fortm.-Ann.Bot.Buit.I392p.27-3f3; *Det. C. p. 43*:
 GIBBEROSUS, Fortm.Cey.p.47-4f52: (C.ecclesiasticus.)---
 GRAEFFII, Grun.-Atlas I6fI: (C.ecclesiasticus.)---
 GRANULATUS, Grun.in litt.: Deby C mp.p.24:
 GREENLEAFIANUS, Grun.,Atlas I5f3; Wollé pl.33fI: (C.undulatus.)--
 GREVILLII, Fortm.Cey.p.47-5f54-56; Deby Camp.p.43-2f9; Malaisia:
 Det.S.p.310:
 GROENLANDICUS, Cl.I373p.I3-219; Vega p.432; Det.Syll.p.331; *Det. C. p. 43*:
 GRUNDLERI, A.S.,Atlas I5fI,2; 5IfI3; Wollé pl.33f4: (C.undulatus.)--
 GRUNOWII, Pant.3p. -3If449;
 HARDMANNIANUS, Deby Camp.p.33-I5f73; Det.S.p.6I3:-(C.Sonderianus.)---
 " v.Grovei, Deby Camp.p.69:
 HELIANTHUS, A.S.,Atlas I7fI5; Vega p.432; Deby Camp.p.43-3f25;
 Det.Syll.p.62I:
 HELIOPHILUS, E.-Abh.Ber.I345p.36I; Min.p.I39; K.S.A.p.33; Prit.p.
 302; R.E.D.p.5I; Det.S.p.330;
 HEUBLERI, Grun.I362p.443-9f6; R.E.D.p.5I; Atlas I4f25,26; 53fI9;
 Fortm.Cey.p.45: *Atlas 207f17*; (C.cerebrocostatus.)-
 HIBERNICUS, E.-Abh.Ber.I345p.I54; Mg.pl.I5A,f9; K.S.A.p.33; Prit.p.
 799-4f33; Carr.p.33; Grun.I362p.439; Atlas 53f9-I6; V.I.S.p.I90; T.
 440; J.Q.C.I365p.I67; Lake Michigan; Wollé pl.7If2,3; Cl.I39I4.56;
 Deby Camp.p.43-IIIf53; Det.S.p.327: (C.Noricus, v., & costatus.)---
 " var., H.V.H.S.pl.77f3;
 " v.transylvanica, Pant.3p. -IOfI33;
 HODGSONI, S.B.D.I4.29-3f53; T.M.S.I353p.35; Breb.D.C.p.I3; Grun.I362
 p.441; Jan.& R.p.5-II3; Carr.p.33; R.D.Ex.No.I2; R.E.D.p.43; Villef.
 p.300; Hull: Italy; Atlas 53f5; N.& R.S.p.33; Cl.I373p.I2; Parag.p.
 63; Wollé pl.7Of3; Deby Camp.p.43-IIf7; Det.S.p.310: 7
 (C.notatus & Vitiensis.)
 " var."b"concinus, Rabh.E.D.p.43: (Camp.marginatus & c.)---
 " var."g", Rabh.E.D.p.43:
 " v.Griecoensis, Jan.& R.p.5-II19: (C.eximius, v.)---
 HOROLOGIUM, williamsii, A.U.I. I313; S.B.D.I. 23-3fII; Prit.p.799;
 Carr.p.33; Grun.I362p.437; Jan.C.I.p.I7; R.E.D.p.43; Atlas 53f5, 53f6;
 S.p.313; Deby Camp.p.25-6f298; *Atlas 207f17*; (C.orientalis.)---
 " v.Pfitzeri, A.S.-Deby Camp.p.25-6f296; Det.S.p.317:-(C.Pfitzeri.)---
 " v.Mediterranea, Grun.-Atlas I7f7; Det.Syll.p.331; Deby Camp.p.43-2f9;
 (C.Mediterranea.)
 HUMBOLDTII, E.-Abh.Ber.I369p.43,pl.Ie,f5; Wollé pls.53fI2; 7OfI2;
 (C.elysiensis.)--
 HUMILIS, Grun.-Trans.Bot.Soc.Lu.I363p.265-3fI; Det.S.p.330;
 HUMILIS, Castr.I337p.34-IIfI3: (C.cerebrocostatus, var.)--
 HYPODROMUS, Braun & T.p.29-2fIO; *Det. C. p. 94*: (C.undulatus.)---
 IMPERIALIS, Grun.-T.M.S.I353p.31-I13; Villef.p.69; T.M.S. p.326;
 T.326; Atlas 52f7,II; 53f7; Villef.p.6I; Wollé pl.72fI; Deby Camp.p.
 44-IIf3; IIf57; Det.Syll.p.309: *Atlas 208f2*:
 (C.concinus, lineatus, marginatus, radiatus.)---

inopinatus, a.s., atlas 207f18;

inter, a.s., atlas 207f16;

+ latus,

" var. major, a.s., atlas 207f10;

" v. pertinax, a.s., atlas 207f11;

- " var., A.S., Atlas 50f5, 3;
 " vinealis, Grm., Atlas 15f9, 10; 17f20, 2f; Villef. p. 3f; Det. S. p. 309;

- INCERTUS - A.S., Atlas 15f13-15; Jan. Gaz. pl. 19f13; Cl. 1373p. 12;
 Fortm. Cey. p. 43; Malaisie; (C. Sarcensis, p. p.) ---
 INOASPICATUS, Deby Camp. p. 44-7f13; Atlas 5f11, 12; Det. S. p. 309;
 INDICUS, E. - Ann. Bot. Brit. 1345p. 332; V.S.A. p. 33; Prit. p. 302; R.E.D. p. 71;
 Det. Syll. p. 300;
 " var. "b", Ralfs, Prit. p. 302;
 " var. "g", Ralfs, Prit. p. 302;
 INSIGNIS, Fortm. Cey. p. 43-9f104; (C. Adriaticus.) ---
 INTERMEDIUS, Grm. - Atlas 14f30; 13f9; Cl. 1373p. 12; Fortm. Cey. p. 45;
 Malaisie; Woll. pl. 33f6; *Atlas 208 f 11*; (C. crebri-costatus.) --
 JAPONICUS, Caser. 1337p. 62-11f1; Notar. 1339p. 333; Det. Syll. p. 319;
 Deby Camp. p. 44-4f23;
 JIMBOI, Pant. 3p. - 23f409;
 KERGUELENSIS, Deby Camp. p. 39-15f79; Det. S. p. 324; *Oethrus 1897*;
 KISSONI, Pant. 2p. 71; 3p. - 13f200; Deby Camp. p. 33; Det. S. p. 324;
 KILTONMANUS, Grev. - T.M.S. 1350p. 32-1f7; Prit. p. 799; R.E.D. p. 50; Atlas
 13f19-21; Malaisie; Deby Camp. p. 44-10f52; Det. S. p. 329;
 " v. formosa, Witt, J.M.G. 1373p. 115-15f3; Det. S. p. 329;
 " v. tener, Witt, J.M.G. 1373p. 115-15f7; Det. S. p. 329;
 " v. zanzibarica, A.S., Atlas 13f17; Malaisie; Det. Syll. p. 329;
 KUTZINGII, Bailey & A. p. 173-9120; Prit. p. 300; R.E.D. p. 51; Deby,
 Camp. p. 44-1f10; Det. S. p. 310; *Atlas 207 f 6-8*; (C. striolatus.)
 KURZINGII, Pant. 3p. - 30f433;
 LARIUS, Castr. - Como p. 11-3f2; Notar. 1333p. 132; (C. Noricus.) ---
 LATUS, Shadb. - T.M.S. 1354p. 13-1f13; R.E.D. p. 51; M.T.P. 2-4-2; Fortm.
 Cey. p. 45; Woll. pl. 33f10; Malaisie; Deby Camp. p. 44-3f30a; 4f30a;
 Det. S. p. 317; *Atlas 207 f 6-8*; (C. latius.) --
 " v. superba, Eulst. - Atlas 13f22; Malaisie; Det. S. p. 313;
 " v. Upolensis, Grm. - Det. S. p. 313; (C. ambiguus, v.)
 LEPIDUS, Castr. 1334p. 33-11f7; (C. lepidus, v.)
 LIMBATUS, Breb. D.C. p. 12f1; Vern. p. 3, f3; Greg. D.C. p. 32-3f55; Prit. p.
 799; Grm. 1332p. 440-914; Carr. p. 30; R.E.D. p. 43; Atlas 17f2, 3; Italy:
 Lapr. 1373p. 25; Cl. 1373p. 11; Vaga p. 513; M.T.P. 2-4-1; Carr. p. 33; Det.
 S. p. 323; Villef. p. 32; Moelle; Woll. pl. 70f10, 11; Pant. 2p. 71; Deby
 Camp. p. 44-10f62; Malaisie; *Atlas 208 f 4*; (C. Eilensteinii)
 " v. australis, Eulst. - Atlas 17f1;
 " v. Chiliensis, Grm. - Atlas 17f2, 3;
 " v. minuta, Cl. Vaga p. 513-53177; Det. S. p. 320;
 LINEARIS, Fortm. - Ann. Bot. Brit. 1392p. 23-4f3;
 LINEATUS, Grm. - Atlas 13f13; 53f9; (C. concinnus & imperialis.) ---
 LORENZIANUS, Grm. 1331p. 441-11f1, 2; R.E.D. p. 40; Cl. 1331p. 23; Italy:
 Atlas 14f24; 13f4; Fortm. Cey. p. 45; Villef. p. 31; Malaisie;
 (C. diaphanatus.) --- *Atlas 14f24*
 MACASSARENSIS, Grove. - Deby Camp. p. 65-14f31; Det. S. p. 300; Malaisie;
 MARGATTARUM, Cl. - N.L.K.D. p. 13-4f52; Det. Syll. p. 329;

Marginales, Johnston, - Moller Cat. 1897. ? (Error est.)

7 Monterianus, Gruen. - Atlas 208 f 16:

- CONTRARIUS*, E.-Abh. Ber. 1341p. 302; 1345p. 313; K.S.A.p. 33; Prit. p. 301; R.E.D.p. 51; Det. Syll. p. 330;
MARGINATUS, Johnston. - M.S. 1330p. 12, 13-14; T.M.S. 1330p. 30-112; Woll. pl. 70f13;
MARGOSTRIATUS, Deby Camp. p. 37; Det. S. p. 321;
MEDITERRANEUS, Grun. - Villef. p. 32; Cl. & M. 154, 155 sub: -(C. horologium, v.)
MESOLEIA, Grun. - Atlas 51f3; (C. ornatus.)
MEXICANUS, E.-Abh. Ber. 1331p. 294; 1372p. 5f19; Woll. pl. 70f13; (C. triumphans.) ---
MICAULTII, Fortm. Cey. p. 43-9f103; (C. latus.)
MINIUS, Grun. 1332p. 43-7f127; R.E.D.p. 43; Italy: -(C. latus, v.) -
MIRABILIS, Fortm. - Abh. Ber. 1392p. 27-3f4; Deby Camp. p. 44; Det. S. p. 327;
MUELLERI, A.S. - Deby Camp. p. 44;
MYODON, E.-Raf. p. 302; R.E.D.p. 51; Det. S. p. 332; (Sirirella.)
NANUS, Schum. A.T. p. 30-11f12; M.S. 1375p. 3-10f19; Det. Syll. p. 331; (C. Noricus, var.) ---
NEOGRADESCIS, Part. 3p. - 33f513;
NITENS, Cast. 1337p. 35-11f3; Notat. 1339p. 334; Det. S. p. 330;
NORICUS, E.-Abh. Ber. 1340p. 205; 1341p. 11; 1345p. 154; K.S.A.p. 33; K.B. p. 59; R.S.D.p. 13; R. Alg. No. 331; R.E.D.p. 43; Prit. p. 799; Law. Vol. 1p. 52-9f2; Grun. 1332p. 439-10f4, 5; M.T.P. 2-3-9; Sm. Sp. 1.54; Deby Polzer p. 12; Camp. p. 44-11f59; Atlas 55f3; V. I. S. p. 490-77f4-6; 1, 44f; Belloc, Luchon; Det. Syll. p. 327; Kinnord; Woll. pl. 71f5-7; Italy; Lake Mich.: Spamer, Duren; Gerling pl. 1f5; Herib. p. 131; (C. costatus, v.: -C. punctatus.)
 " var. "b" costata, Grun. 1332p. 437-10f3; R.E.D.p. 43; Petit liste p. 23; Class. f5; T.M.S. 1377p. 1. 137f5; Belloc, Luchon; Strose Vleiken p. 13-1f30; Delogne: (C. costatus, "b": -C. nanus; C. punctatus, Bleisch.) ---
 " v. fossilis, Part. 3p. - 14f215;
 " v. florentina, E.-Raf. A.T. p. 43; (Camp. ill.) ---
NORMANUS, Grev. - T.M.S. 1330p. 29-11f1; Prit. p. 300; Malaisie; R.E.D.p. 51; Atlas 14f14; (C. Wallichianus.) ---
NOTATUS, Grev. - T.M.S. 1330p. 31-11f4; Prit. p. 300; R.E.D.p. 31; Bran & T. p. 39; (C. Hodgsoni.) ---
 " v. Vitiensis, A.S., Atlas 51f3; 53f15; Malaisie: -(C. Hodgsoni & v.) ---
OBSELETUS, Cl. - J.R.C. 1335p. 133-12f2; Deby Camp. p. 44-4f33; Pant. 2p. 71; Det. Syll. p. 313;
OCEANICUS, Cast. 1337p. 35-11f4; (C. maculatus.) -
ORBICULARIS, Cast. 1337p. 34-13f10; (C. horologium.)
ORBICULARIS, Cl., Vega p. 3/3-33f79; (C. Pacificus, v.) ---
ORNATUS, Grev. - T.M.S. 1330p. 13-11f3; R.E.D.p. 51; Atlas 17f17; Cl. & M. 233; Fortm. Cey. p. 43; M.T.P. 2-4-5; Vega p. 507; Deby Camp. p. 44-11f59; Malaisie; Det. Syll. p. 323; (C. alba ?)
 " vars., Witt, J.M.G. 1373p. 114-15f3; Atlas 51f3;
 " var. amphileia, Grun. - Atlas 51f2; Det. Syll. p. 323;
 " v. mesoleia, Grun. - Atlas 51f3;
OVALIS, Raf. p. 302; (Sirirella clypeus.) ---

(Phalangium)

Robertus, Grav. -

" var., U.S., atlas 207 f 22

- RATTAYANUS, Deby Camp.p.36; Atlas 13f10; Det.S.p.6II:-(C.Schmidtii.)-
 RIVULUS, E., Amer.p.1.3-7f14; Abh.Ber.134II.II: K.B.p.59; W.S.A.p.33:
 Prit.p.30I; R.E.D.p.43; (C.oides & radiatus.)
 RETICULATUS, Pant.3p. -39f539;
 RIVALIS, A.S., Atlas 13f1,2; Fortm.Cey.p.45; Deby Camp.p.45-2f17;
 Det.Syll.p.3II:
 RIVULOSUS, Brin & T.p.29-2f9; Deby Camp.p.93-2f13; Det.S.p.3II;
 ROBERTSIANUS, Grev.-T.M.S.1333p.14-1f5; R.E.D.p.5I; Atlas 17f3-1f:
 Malaisie; Deby Camp.p.45-3f2;
 ROTULA, Grun., Atlas 14f10; 53f20; wolle pl.75f20; Det.S.p.3II;
 (C.Brownianus.)----
 SABINI, E., Abh.Ber.1340I.20; 1372I.293-303; Woll.p.2f-3f;
 SANDRASI, Grun.-Atlas 15f19,20; Petit Cat.p.3I; Jan.Gaz.pl.19f12;
 Fortm.Cey.p.43; Mobile; Villet.p.3I; wolle pl.70f4,13; Deby Camp.p.
 45-2f3; Malaisie; Det.S.p.309; Atlas 207f14; (C.inequalis.)--
 SAUERBECKII, Grun.-Atlas 52f3; 53f3,4; wolle pl.83f12,13;
 (C.annulatus.)-----
 SCALARIS, Brin & T.p.30-2f12; (C.Ralfsii.)---
 SCHLEINIZII, Jan.Gaz.pl.19f13; Atlas 52f5; Deby Camp.p.45-12f54;
 Det.Syll.p.323; Atlas 207f1-5;
 SCHMIDTII, Grun.-Jan.Gaz.pl.1: Atlas 15f12; 53f10; wolle pl.72f3;
 Deby Camp.p.45-1f12; Det.S.p.6II;
 SIGNATUS, Fortm.Cey.p.43-4f50; (C.latus & radians.)-
 SIMILIS, Jan., Gaz.pl.19f3; Deby Camp.p.32; (C.anceps.)
 SIMPLEX, Brin & T.p.30-2f3; Deby Camp.p.93; (C.vitricavus.)
 SIMULANS, Grev.-T.M.S.1357p.71-1f4I; 1353p.17; Carr.p.39; Schm.N.D.
 pl.3f10; Petit Cat.p.3I; Atlas 17f12-14; wolle pl.53f13; Deby Camp.
 p.45-7f35; Atlas 207f1-5; (C.festuosus & Thunbergii.)
 SINGULARIS, A.S., Atlas 14f29; (C.ceriseostatus.)-
 SOCIALIS, Witt, J.M.G.1373p.69- f3; Heaw.1373pp.57,124; Atlas pl.
 14f7-9; Deby Camp.p.45-1f14; Det.S.p.6II:
 SONDERIANUS, Grun.-Moller Price list 1333; (C.Haumanianus.)--
 SPECULUM, Fortm.Cey.p.46-4f49; (C.latus.)
 SPIRALIS, W.S.-A.M.N.1.1351p.6-1f2; S.B.D.Ip.29-7f54; Front.: Prit.p.
 302-4f39; Rabh.Alg.3II,347 sub; Grun.1352p.447; Heaw.Vol.2pl.5f10-
 16; Bleisch,1333; Schm.1362p.135; H.T.p.56; Carr.p.39; Girard Boss.
 p.12-2f13; R.E.D.p.50,11f6; Hall; N. & R.S.p.33; Cl.1333p.22; S.S.
 T.65; Prollius p.7I; M.T.P.2-4-3,4; Italy; Macdonald pl.10f12;
 Gallix, Papan; (Sarirella.),,,
 SQUAMOSUS, Pant.3p. -36f517;
 STELLATUS, Grev.-M.J.1359p.157-7f3; Prit.p.799; Grun.1363p.96; R.E.
 D.p.5I; wolle pl.83f2; Deby Camp.p.45-7f42; Malaisie; Det.S.p.323;
 " var., Deby Camp.p. -15f73;
 STELLULA, Schm.1367p.52-1f6; (C.clypeus.)---
 STRIATUS, E., Amer.p.123, pl.3-7f13; K.B.p.59-23f11; W.S.A.p.33; M.J.
 1359p.179-9f4; R.S.D.p.13-2f2; Prit.p.302; Malaisie;
 (C.Brightwellii & annulatus.)

> Sumbawanus, A.S. - Atlas 207 f 13:

+ Thurctii, Beck. - Petit, Cap Horn:

+ Waddellatus,

" var. Luedgeri, D. By. - Atlas 208 f 11:

+ Wallichianus, atlas 208 f 10, 13:

- STRIOLATUS, Grun., Atlas 53fI, 2; Pant. II. -13fI⁶; 2, p. 71;
 Brun & T. p. 69: (C. angularis & Kützingerii.) ---
- STUDERI, Jan., Gaz. pl. 19f9, 10;
 SUBANGULARIS, Cl., Vega p. 513; Cl. & M. 154, 155 sub;
 SUPERBUS, Rabh. E. C. p. 45, f10; Hew. 1379p. 93; Del. S. p. 632: - (Calcaiseus.)
 SUMATRENSIS, Fortm. - Ann. Bot. Brit. 1392p. 27-3fI; Deby. Camp. p. 1.57;
 Del. Syll. p. 622;
 SURIRELLA, E., Abh. Ber. 1345p. 305; K. S. A. p. 33; R. S. D. p. 13; Prit. p. 302;
 R. E. D. p. 50; Del. Syll. p. 63f;
 SZAKAGENSIS, Pant. 3p. - 33f503;
 SZONTAGHII, Pant. 3p. - 27f373;
 TABULATUS, A. S., Atlas 52f4; wolle pl. 33f4; Del. S. p. 619;
 Deby. Camp. p. 45-4f20;
 TAENIATUS, A. S., Atlas 51fI; 13f2; Deby. Camp. p. 45-7f4f; Malaisie;
 Del. S. p. 613;
 " var., A. S. Atlas 13f3;
 " v. radiosa, Brun & T. p. 69;
 TAENIOIDES, Deby. Camp. p. 53; Atlas 13f5; Del. S. p. 626;
 TENER, E., Abh. Ber. 1372p. 209; Del. Syll. p. 632;
 THUMII, Fortm. - Ann. Bot. Brit. 1392p. 29-4f5;
 THUREII, Breb. D. C. p. 13, f3; Cl. 1373p. 13; 1373p. II: Vega p. 432, 502,
 507; Atlas 13f2; 51f15; V. H. S. p. 190-77fI; 1. 433, 439; Villet. p. 51;
 Malaisie; Pant. 2p. 7I; Deby. Camp. p. 46-7f37; Herib. p. 132; Del. Syll.
 p. 622: *Atlas 208f12*: - (C. bicriatus, fastosus, parvulus, similans.) ---
 " v. Balajickiana, Grun., Atlas 15f13-21; Pant. 2, p. 71; Del. S. p. 622;
 (C. Balu.)
 TRAPEZOIDALIS, Deby. Camp. p. 66-14f72; Del. S. p. 609;
 TRIUMPHANS, A. S., Atlas 15f4, 5; Jan. Gaz. pl. 19fII; Deby. Camp. p. 46-13f
 64; Malaisie; Del. S. p. 613; *Atlas 208f7*:
 UNDULATUS, Grev. - M. S. 1333p. 229-9f4; Atlas 13fII, 12; Cl. & M. 239; Fortm.
 Cey. p. 47-4f39; 9f102; Vega p. 502, 507; Malaisie; Deby. Camp. p. 46-
 2f3; Del. Syll. p. 613: (C. Brightwelli, Balearensis,
 erosus, Greenleafianus, oceanicus, Grunleri, Sanderbeckii, striatus.) -
 " v. biangulata, Cleve Vega p. 502; Deby. Camp. p. -13f77;
 " v. distincta, Deby. Camp. p. 35;
 UPOLENSIS, Grun., Atlas 51f14: (C. ampigius, v.) -
 VERTICILLATUS, Grun. - L. D. Vol. II. 2-219; Notul. 1390p. 174; Deby. Camp. p.
 70; Del. Syll. p. 622;
 VITIENSIS, Grun. - Atlas 51f7: (C. notatus, v., & Houghsoni.) ---
 VITRICAVUS, Brun & T. p. 30-2f3; Deby. Camp. p. 94-7f39; Del. S. p. 624;
 (C. canalisatus, olivosis & simplex.)
 VULCANIUS, E., Abh. Ber. 1344p. 342; Mp. pl. 33A-14f3; K. S. A. p. 33;
 Prit. p. 799; R. E. D. p. 51; Del. S. p. 630;
 WALLICHIANUS, Grev. - T. M. S. 1333p. 13-1f4; R. E. D. p. 51; Fortm. Cey. p. 45;
 Atlas 14f15, 16; 13f13, 14; Malaisie; Deby. Camp. p. 46-3f19; Del. S. p. 620;
 " v. Normannicus, Grev. - Del. S. p. 620: (Camp. Norm.)
 " v. Thaitiensis, Cact. 1337p. 62-16f6; Notul. 1339p. 634; Del. S. p. 620;

Gamphonis.

Girellia, n. regalis, L. v. Cl. rar. Ep. 167: (occasional req.)

> Scintillans, Bn. - LeD. vol. 2, no. 22 pl. 22 f 3:

Capsula. - (Bren, 1896) -

... LeD. 2, no. 22 pl. 20, note. -

Barboi, Bn. - LeD. vol. 2, no. 22 p 236-20 f 26, 27.

Biformis, Bn. - LeD. 2, no. 22 p. 236-10 f 28, 29.

Calcarifera, Bn. - (Tric.)

Concolorata, Bn. - (Tric.) -

Exornata, Bn. - (Tric.) -

Neglecta, Bn. - (Tric.) -

Neogena, Bn. - (Tric.) -

Quincunx, Bn. - (Tric.) -

Radiata, Bn. - (Tric.) -

Scabra, Bn. - (Tric.) -

Utricularia, Bn. - (Tric.) -

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note.

GARINARIA. - (Bren, 1896) -

Subgenus of Gyilbonella. Trinobis in
Alg. Cabot 1868 p. 96

- BERGONII, Perag.-LeD.Vol.2p. -I3f15,16; No.9,p.103-1f15:
(Cerataulina.)
- BORXANUS, Pant.2p.97; 3p. -29f42p; 32f463; Del.Syll.p.1067:
(Biddulphia primordialis.)---
- CALIFORNICUS, A.S.,Atlas II5f2-4; Wollé pl.97f9; Del.S.p.1073:
- GALLOPAGENSIS, A.S.,Atlas II5f3; Del.S.p.1073: (Biddulphia.)--
- HUNGARICUS, Pant.2p.97-26f375; Del.S.p.1077:
- JOHNSONIANUS, Grun.-J.Q.C.I335p.171; I336p.323; Pant.2p.93:
Del.Syll.p.1073; Var., A.S.Atlas II5f15: (Biddulphia.)--
- JAPONICUS, Pant.3p.16-237; Del.S.p.1073: (Biddulphia primordialis.)
- KINKERI, A.S.,Atlas II5f9; Pant.2p.93; Del.S.p.1073:
- LABUENSIS, Cl.,Vega p.503-33f30; Atlas II5f11; Del.S.p.1076:
(Huttonia.)
- LAEVIS, E.-Ralfs,Prit.p.347-6f7; Grun.I333p.24; Eul.Sp.T.19; R.E.D.
p.313; Cl.& M.7; J.L.S.I334p.516-43f3; Cl.Vega p.503; Del.Syll.p.
1074; Atlas II6f13; I5f7,3:
(Biddulphia; -Isthmia polymorpha; -Odontella.)
- ? var., ; Atlas II6f12,14;
- " v.Chinensis, Grun.-M.M.J.I377pl.196f3; Del.Syll.p.1074;
- " v.Panglossi, Forrm.-Ann.Bot.Buit.I392p.55-4f7; Del.S.p.1074;
- " v.thermalis, A.S.,Atlas II5f3-3: (C.thermalis.)--
- MARGINATUS, Grove & St.-J.Q.C.I337p.I35-IIf21; Notar.I337p.351;
Atlas II6f7; Del.S.p.1073:
- OVALIS, A.S.,Atlas II5f5-7; Wollé pl.97f3,10; Del.S.p.1073;
- PACIFICUS, Grun.-Atlas II5f10:
- PERAGALLOI, Pant.3p. -32f455; Del.S.p.1073:
- PETITII, Forrm.-Ann.Bot.Buit.I392p.39-6f3; Del.S.p.1073:
- POLYMORPHUS, K.-Grun.,V.A.S.p.206-104f3,4; Pant.2p.93;
J.Q.C.I337p.75; Wollé pl.97f5,11:
(Biddulphia; -Melosira; thermalis; -Odontella.)
- REICHARDTII, Grun.I333p.I53-I3f22; Cl.I373p.5; Del.Syll.
p.1075: (Huttonia.)---
- ROTUNDUS, Br.& Temp.-LeD.Vol.Ip.30-5f3; Del.Syll.p.1077:
- SCABER, Grev.-J.R.M.S.I333p.55; Del.S.p.1073: (Eupodiscus.)--
- " v.helioidiscus, Brun I39Ip.27-17f1; Del.S.p.1073;
- SMITHII, Ralfs, Prit.p.347; R.E.D.p.313; Cl.I333p.213; I373p.10:
I373p.15; M.T.P.4-3-1; Lagr.I373p.14; Mobile; V.A.S.pl.105f1,2;
Atlas II6f5,6; Villef.p.71; Del.S.p.1074;
(Biddulphia; -Anisocis, Bidd., & Eupodiscus radiatus:Odontella?)
- SOCOTRENSIS, Witt.-J.L.S.I334p.515-43f1,2; Del.S.p.1073;
- SUBANGULATUS, Grove & St.-J.Q.C.I333p.325-19f12; Notar.I337p.345;
Atlas II6f13; I49f17; Del.S.p.1077:
- THERMALIS, Ralfs,Prit.p.347; R.E.D.p.314; Del.Syll.p.1074;
(C.laevis,v.: -Melosira; -Pleurosira.)---
- THOMII, A.S.,Atlas II5f11; Pant.2p.93; Del.S.p.1077:
- TITIANUS, Grun.I333p.I53-I3f25; Vega p.503; Del.S.p.1075:
(Biddulphia; -Janischia.)

+ scleromorphus,

" ¹~~forma~~ minor, Vst. J. pl. 105 f. 3, 4; - (O. contella.)

affinis O.

E.-A61.621.13401.270; M. 13501.63: 211.N.O.1.39-2f25, 27; P116.15521.
 421; P116.1.340-319; 1216.1.39; R.E.C.1.513; 21.S.1.13; Cl. & M.No.
 50; V.1.1.303; V.1.S.1.206-10411, 2; T.493; A618.11511-3; M6112; C.
 O.1.13351.174; C611.13371.101-205, 3; 311.2.1.70; M.1.P.4-5-2:
 C11.13331.24; P116.21.93; M11112; D51.S.11.1.1073: -(Bridgman.)-
 "A11., A.S.A618.11511-14; 311.2.1.70;
 "A.1.11111111, P116.21.93: 31. -276404; D51.S.11.1.1073:
 11.1.1.1073, P116.31. -27627; D51.S.11.1.1073:

Prun. alp. f. 51:

--, Tanager 13791.47:

(Nitzschella; -Nitzsca; -Synaura.)

(Psalms-Ecclesiastes; -Song of Solomon.) ---

R.E.D. p. 75: Hoffmann, Marburg: (C. arcus, v.: -Nitzschia.) -

(Ps. -Ennotia; -Synzara.)--

R. E. S. 1.7 of I9; G. M. 13021.345; 13051.7; Amazon: R. B. C. Exe. 345; R. A. 1.

1391p. 32; Cl. & M. 17; Schum. H. T. pp. 43, 55; Italy; K. & L. p. 15-16; Sm. S.

Leg. 1. 13724. 19; Tanagerok 13791. 47, 6258; V. 1. S. 1. 143-3767; 9.231; Del.

But a; "Hence" 1. 130: *all*

Quercata. -

" *amphioxys*. Babb. -Brag Alp. p. 52-2f28; Herip. p. 137; Del. Syll. p. 314;

CEPS - W. S. - Grad. Id

(Eulotia: -Pseudo-Eul.: -Synsura flexuosa, v.)-

V.S.A. 1.33: C411.1.32: C41.S.1.315: (Nitzschia; -Nitzschietta.)----

Prit. p. 73I: Det. S. p. 3I4:

EXCISE, Genl. - ? Amazon: -

? AMAZON:-

R. S. D. p. 37-9 f2: DeT. S. p. 815: *GyronismatPleurosiema.*) ---

Gyrosigma-Pleurosigma.) ---

FRACILIS. Breh.-K.S.A.p.39: R.S.E.p.37: Brit.p.733: Carl.p.32: Del.

Syll. 1.315: (Cylindrotheca: Nitzschia: Nitzschiaella) --

AMINAPIS. 1. -Am: 11. 3-2f94: M: 11. 53: 11. 34-2f19: K. B. 11. 104-29f33:

K. S. A. p. 33: Brit. p. 733: B. S. D. p. 37-9f3: Det. S. p. 315:

(*Nitzschia birastriata*) =

(*Nitzschia bifostolata*.) -

+ Turgidus, C. - - (Colantella?)

- LINEA*, Ralfs, Prit.p.783; Det.Syll.p.315: (Synedra.)----
LONGISSIMA, Breb.-K.S.A.p.391; Prit.p.733-4f23; Carr.p.32; Det.
 Syll.p.315: (Nitzschia l. & birostrata; -Nitzschiella.)----
LUNARIS, E.-Grün.1365p.7; Schum.H.T.pl.46,65; 1367p.55-1f21a-c;
 Lagr.1373p.20; M.T.P.I-2-7; Det.Syll.p.315;
 (C.laminaris; -Pseudo-Eunotia; -Synedra.)
 " var."b" falcata, Grün.1365p.7: (Synedra f.)---
 " var."g" bilinaris, Grün.1365p.7: (Synedra b.)---
 " v.euspidata, Schum.H.T.p.65-2f21e; 1367p.55-1f21e;
 " v.minor, Schum.1367p.55-1f21a: (C.minor.)----
PACHYCEPHALA, Grün.1365p.3-1f10; Det.Syll.p.315;
 (Eunotia; -Pseudo-E.: -Syn.flexuosa, v.)--
PLACENTA, E.-Mik.pl.33-12f23; Det.S.p.315: (Navicula.)---
REVERSA, Ralfs, Prit.p.783; Carr.p.32; Det.S.p.315;
 (Nitzschia; -Nitzschiella.)---
RHOMBOIDES, E.-Mik.p.130; Det.Syll.p.315:
SCHUMANNII, Rabh.-Schum.1367pl.1f22;
SPIRALIS, K.B.p.104-4f33; K.S.A.p.33; Prit.p.733-13f9; Det.S.p.315:
 (Nitzschia; -Nitzschiella.)---
SUBARCUATA, Grün.1365p.3; Det.Syll.p.315; (Pseudo-E.: -Synedra.)----
SUBULATA, Breb.-K.S.A.p.39; Prit.p.733; Det.Syll.p.315:
 (Nitzschia; -Nitzschiella.)---
TOXON, Perty.-Kl.Leb.p.205-17f13; R.E.D.p.77: (C.arcus.)
- CESTODISCUS.--- (Grev., 1865)-
 --, A.S., Atlas 53f34:
BAILEYI, H.L.Sm.Sp.T.67; A.S.M.1877p.102; A.O.S.M.1881p.13-3f6;
 Wille pl.74f9, 10: 1877p.102 (Coscino-discus.)----
CINNAMOMEUS, Grev.-Grün., V.H.S.pl.126f1; Det.Syll.p.1309:
 (Triceratium?: -Novum Genus?)-
 " v.minor, Grün., V.H.S.pl.126f2;
CONVEXUS Cast.1337p.123-7f6; Notar.1339p.747; Det.S.p.1303:
CORONATUS, Cast.1337p.124-7f9; Notar.1339p.747; Det.S.p.1309:
CEMIFER, Cast.1337p.124-2f7; Notar.1339p.747; Det.Syll.p.1303:
 (C.pulchellus, v.)--
 " var., Cast.1337p.125-7f7;
 " v.decrescens, Cast.1337p.125-12f11; Malaisie; Det.S.p.1303:
HIRTULUS, Grün.-V.H.S.pl.126f3; (C.pulchellus; -Coscino-discus.)-
INTERSECTUS, Brun.--- (Coscino-discus?)
JAPONICUS, Cl.-Brun & T.p.70:
JOHNSONIANUS, Grev.-T.M.S.1365p.43-5f3; Brun & T.p.70:-(Coscino-discus.)
MORONENSIS, Grev.Mss.: Rattr.Rev.Cosc.p.453: (Coscino-discus.)-
OBSCURUS, A.S.-V.H.S.pl.129f4: (Coscino-discus.)--
OVALIS, Grev.-T.M.S.1365p.49-5f9; M.T.P.4-I-10: Atlantic City:
 (Coscino-discus.)---
 " var., Witt 1365p.23-3f11; Rattr.Rev.p.450:-(A'eyclus.ellipticus.)
PARMULA, Cast., 1337p.125-7f5; Notar.1339p.743; Det.S.p.1309;
PEPLUM, Brun, 1391: (Actinoeyclus.)--

PROTIEUS, Hardmann.-V.M.S.pl.126f3: (Coscinoideus.)
 PULCHELLUS, Grev.-T.M.S.1336p.123-II f5; Grun.1333p.103; Cl. & M.132:
 Brun & T.p.70:-(C. & Coscino. trinitatis; -C. hirtillus; -Cosc. superbus.)-
 " v.gemmifer, Casti.-Brun & T.p.70: (C.gemmifer.)--
 (.)
 /RADIATUS, E.-Rattl.Rev.Cosc.1.50I:-(Coscino. cellus-in lais, v. Corsiana)
 RAPAX, Casti., 1337p. -13f2; Notar.1339p.743; Det.Syll.p.1303:
 RHOMBICUS, Grun.-V.M.S.pl.129f3; Det.S.p.1309:-(Cosc. rhomb., Grun.)
 SOL, Wallich.-Rattl.Rev.p.433: (Coscinoideus.)----
 STOKESIANUS, Grev.-T.M.S.1336p.123-II f4;
 SUPERBUS, Hardmann.-Cole's Studies 1336; Atlas 133f13; 143f7;
 W. & C.2p.9-5f14,15; (Coscinoideus.)----
 TRINITATIS, Grun.-V.M.S.1336p.123-II f4; (C.pulchellus)-
 TROCHUS, Casti., 1337p.123-7f1; Notar.1339p.743; Det.Syll.p.1303;
 " var., Casti., 1337p.123-7f3:

CHAETOCERAS.---(Ehrh, 1844.)-

--, Ber.Deutsch.1339p.331-14f1-9:
 --, T.M.S.1372p.9-313:-(C.furcata) --, m.m.J.1877p.63-172f3
 --, E., Abh.Ber.1370p.52, pl.1-1f20:
 AEQUATORIALE, Cl., Java p.10-2f9; Det.Syll.p.991:
 AFFINE, Lander.-T.M.S.1334p.73-3f5; Neww.1335p.32; Pant.2p.74;
 Det.Syll.p.993:
 ANGLICUM, Grun.-V.M.S.pl.132f3: (C.firecellatum, v.)---
 ANTARCTICUM, Cl. & Gr.-Cl.1331p.121; Cl. & M.125: (C.Antarcticum.)---
 ARUATUM, West.-T.M.S.1330p.151-7f12; Prit.p.332; A.J.M.S.1330p.140;
 Eul.Sp.1.21; Carr.p.96; R.E.D.p.321; Sm.Sp.1.323; Cl. & M.235: V.M.
 S.p.195-3f11-4; T.No.443; Reinhard; Det.S.p.939:
 ATLANTICUM, Cleve 1373p.11-2f3; 1330p.121; Vega p.437:
 Det.S.p.993: Cl.1894p.11; 1897p.20: (C.Antarcticum.)
 " v.attenuata, Grun.-Cl.1330p.121; Vega p.437; Det.S.p.994;
 Cl. & M.Nos.113, 125 sub:
 " v.tumescens, Cleve 1330p.121; Vega p.437; Cl. & M.125 sub;
 V.M.S.pl.31f3; Det.S.p.994;
 BACILLARIA, E.-Abh.321.1344p.235; A.J.S.1345p.323-4f13; W.S.A.p.133;
 A.J.1353p.1.7f1,2; Mill; R.E.D.p.321; Wille pl.65f9,10: (Diploneis.)
 BACTERIASTRUM, Wallich.-T.M.S.1330p.43-2f16,17; Det.Syll.p.999:
 (Bacteriastrum, species miltae.)--
 BARBATUM, & Brw.-M.J.1353p.107-7f39-42; Jan.G1.p.17-1a, f31,34;
 R.E.D.p.322; Deby Polder p.12: (Goniothecium.)
 BIHARENSE, Pant.3p. -2f1306; Det.Syll.p.999:
 BISETACEUM, Schum.1337p.30-1f27; Det.S.p.995;
 BOREALE, Bailey N.S.p.3, f22,23; T.M.S.1353p.107-7f12-15; 1330p.43,
 152-2f13; 7f13; 1334p.73-3f7; Prit.p.331-3f25; Grun.1333p.23: Mill:
 Carr.p.96; Jan.G1.p.13; Schum.1337p.30-1f23; R.E.D.p.322; O'M.Verg.:
 Cl.1373p.12; Nare.; Vega p.437; Wille pl.65f11,20,23; Det.Syll.p.990:
 (C.Parvianis, v.)-- Cl.1894p.12: Oestreb 1897p.142: Cl.1897p.20-1f1:
 " v.Brightwellii, Cleve 1373p.12-2f7; Vega p.437: 1897p.20-1f2:

+ pulehellus, Gr.

" v. Trinitatis, Gr. - D.H.S. pl. 126 f4: - (Coscinodiscus?)

+ anastomosans, Cl. 1897 p. 20: - (G. externum)

- atlanticum, Cl. 1897 p. 20:

" v. compacta, Schutt. - Cl. 1897 p. 20: (Ch. comp.)

" v. exigua, Cl. 1897 p. 20 - 1 f 9:

> Balticus, Cl. - R. Gr. A.K. Rep. 22 (3) 5 p. 28, f 2: Cl. 1897 p. 20:

> biconcavum, Gran N.E. p. 27-3 f 46: - (G. bottnicus)

Boreale, Bril.

" var. densa, Cl. 1897 p. 20 - 1 f 34:

" " radis, Cl. 1897 p. 20 - 1 f 5: - (Ch. con. radis)

" " solitaria, Cl. Scot. p. 278: 1897 p. 20:

- BREVISPINUS, Castr.-Notar. I339p.743; Det.Syll.1.999:-(*C. bacteriastum*.)
 CALIFORNICUS, Grun., V.H.S. pl.32(2)f3; Wollé pl.35fI3; Det.S.p.1000;
 CELLULOSUS, Lander.-T.M.S. I334p.73-3fI2; (C. Lorenzianum.)---
 CILIATUS, Lander.-T.M.S. I334p.77-3f2; Heuw. I335p.32; Det.S.p.995:-(*C. compressus*)
 CLAVIGERUS, Grun. I334p.44-5f5f; Brin & T. p.70; Det.S.p.994;
 COARCTATUS, Lander.-T.M.S. I334p.79-3f3; Cl. Java p.9-2fIO; Vega p.5I3;
 Malaisie; Villef. p.34; Det.Syll.1.995; Cl. 1897p.20: (C. validum.)---
 COMPRESSUS, Lander.-T.M.S. I334p.73-3f6; Cl. Java p.3; Heuw. I335p.32;
 Malaisie; Det.S.p.995; Cl. 1894p.12-2f5; Schott. Chast. pl.3f4: (C. ciliatus.)
 CONFERVOIDES, Ralfs, Prit. p.332; Carr. p.93; Det.S.p.1000;
 CONNIVENS, Grun.-Cl. & M. II3; Vega p.437; Det.S.p.1000;
 CONVOLUTUS, Castr. I337p.73; Notar. I339p.743; Det.S.p.997:-(*C. borealis*, *v. rudis*)
 +CRIOPHILUS, Castr. I337p.73; Notar. I339p.749; Det.S.p.993: +
 CREMATUS, E.-Rabh. E.D. p.322;
 CURVATUS, Castr. I337p.73; Not. I339p.743; Malaisie; Det.Syll.1.997;
 CURVIS, Cleve.-Malaisie;
 CURVATUS, Cl. ~~Rede Gule Reps 1896 p.28f12~~ Bot. Cblt. I390p.13; Malaisie;
 Det.S.p.992; Cl. Kamburad 1889p.58; Cl. 1889p.12-1f5; Gran N.E. p.22-2f22; 3f43; +
 DANICUS, Cleve I391p.35-3fI3, I9; Kattagat I389p.55f11; Botan.
 Centralblatt I390p.13; Det.Syll.1.991; Cl. 1894p.12; Schott. Ch. pl.3f5; Cl. 1897p.21;
 > DECIPIENS, Cleve I373p.11-1f5; Nares; Vega p.433; Malaisie;
 Det.Syll.1.992; Oestrup 1897p.342; Gran N.E. p.17-1f2,3; 3f34; Cl. 1897p.21;
 ' v. concreta, Grun.-Cleve Vega p.433; 1880p.120; Cl. 1894p.13; ~~Gran N.E. p.109~~
 DEMICULATUS, Lander.-T.M.S. I334p.79-3f9; Heuw. I335p.32;
 Cl. Java p.9; Det.Syll.1.995;
 DICHAETA, E.-Abh. Ber. I344p.200; I372p.1.12f3,4; K.S.A. p.133; Prit. p.
 332; N.L.V.D. p.26-3f77; Perag. p.77; Det.S.p.990: (C. remotus.)---
 DICLADIA, Castr., I337p.32-3fI; I9f7,3; Notar. I339p.749; Det.Syll.
 p.993: (Dieladiae, species multae.)--
 DIDYMUS, E.-Abh. Ber. I345p.75; He. pls. 35A-17f3; 35A-13f4; K.S.A. p.133;
 M.J. I353p.1.7f3-7; Prit. p.332; Jan. Gu. p.17-1a, f2I, 30, 32; Carr. p.93;
 M.D. pl.4If47; Weisse Gu. pl.1fI5; R.E.D. p.32I; M.T.P. 3-5-10; Brin &
 T. p.70; T.B.C. Vol. I3p.209-92f3; Wollé pls. 35fI2, I4-I6; 73fI6; Det.
 Syll.1.997; Cl. 1894p.13-1f3,4; Gran. N.N. Exp. p.1f8-10:35; (C. mamillanum.)
 DIPLOMIS, E.-Abh. Ber. I344p.265; A.O.S. I345p.323-4fI9; M. pl.33-13fI;
 K.S.A. p.133; Prit. p.33f; R.E.D. p.32I; Det.S.p.997:-(*C. bacillaria*.)---
 DISPAR, Castr. I337p.73-3f6; Notar. I339p.749; Det.S.p.993;
 DISTANS, Cl. Java p.9-2fII; V.H.S. pl.32f4; Mobile; Brin & T. p.70; (C. laciniatus)
 Villef. p.34; Malaisie; Wollé pl.32f29; Det.S.p.990; Cl. 1894p.14-2f2;
 DIVERSUS, Cl. Java p.9-2fI2; V.H.S. pl.3If5; Villef. p.34;
 Malaisie; Det.Syll.1.991;
 EIBENI, Grun., V.H.S. pl.32f9, IO: (C. paradoxum, v.3)---
 FORCATUS, E.-Abh. Ber. I372p.192; Det.Syll. p.1000;
 FORCELLATUS, Bailey.-A.O.S. I353p.3-1f4; Prit. p.332; R.E.D. p.322; Cl.
 I330p.120-7fI36; Vega p.437; Det.S.p.994; Oestrup 1897p.342;
 ' v. Anglica, Grun.-V.H.S. p. Det.S.p.994; -(*C. anglicus*).
 ' v. mammosa, Cl. I330p.120-7fI37; Vega p.437; Det.S.p.994;

- > Bottan, Cl. 1897 p. 20: Roy. Soc. Rep. 1896 p. 20: (C. Brightwellii)
- > Brightwellii, Gran N.E. p. 11-1 f 11-12: (C. Brightwellii)
- > cinctus, Gran N.E. p. 24-2 f 23-27: Cl. 1897 p. 20: (C. incurrens, Bln)
- > cochlea, Schutt, Ber. Deut. Bot. Ges. 1895 p. 41: (C. curvisetus)
- > compactum, Schutt, Ber. Deut. Bot. Ges. 1895 p. 46, f 23: (C. Brightwellii)
- > constrictus, Cl. R.S. 2. Rep. 1897 p. 28, f 9, 10: (C. Brightwellii)
- > constrictus, Gran N.E. p. 17-1 f 11-13: Cl. 1897 p. 20:
- > contortus, Schutt, Ber. Deut. Bot. Ges. 1895 p. 44: 1897 p. 10:
- > coronatus, Gran N.E. p. 22-2 f 28-31: Cl. 1897 p. 20:
- > curvisetus, Schutt, Ber. Deut. Bot. Ges. 1895 p. 42: Cl. 1897 p. 20:
- + criophilus, Cl. 1897 p. 20-1 f 6: (C. Brightwellii)
- > currens, Cl. Scot. p. 299 f 8: 1897 p. 20:
- + curvisetus, Cl. 1897 p. 20-1 f 16: (C. cochlea)-
- > debilis, Cl. 1894 p. 13-1 f 2: 1897 p. 21: Gran N.E. p. 23-2 f 14, 15: (C. currens)
- > discrepans, V. Gronovii, Schutt, Cl. 1897 p. 21: (C. currens)
- > diadema, E. - Gran, N.E. p. 21: 1897 p. 342: Cl. 1897 p. 21: (C. curvisetus, p.p. n. Gronovii)
- + discrepans, Schutt, 1897 p. 21: Cl. 1897 p. 21:
- > " v. hismalis, Cl. 1897 p. 21-1 f 18:
- > " v. longicurvus, Cl. 1897 p. 21-1 f 16, 17: (C. furcellatus, var.?)
- + diversus, " var. tenuis, Cl. 1897 p. 21-2 f 2:
- > externum, Gran N.E. p. 25-3 f 4, 4: (C. currens)
- > furca, Cl. 1897 p. 21-1 f 10: Landen Tm. S. Vol. 12 p. 354
- + furcellatus, Bail. - Cl. 1897 p. 21: Roy. Soc. Rep. 1896 (3) No. 4 p. 2 f 7:

GASTRICUM, E.-Abh. Ber. I345p.75; M.J. I353p. I07-7f3; Prit. p.362; R.E. D. p.322; V.HS. pl.32(2)f1,2; J.Q.C. I337p.7I; Pant. 2p.74:-(Goniothec.)-
 GRACILIS, Pant. 3p. -I9f276; Det. Syll. p.999:
 HALO, Brun.-Det. Syll. p.999:- (Bacteriastrium.)
 HISPIDUM, Britw.-M.J. I353p. I07-7f37; R.E. D. p.322;
 (C. Moniceae:-Goniothecium.)---
 HUNGARICUM, Bailey N.S. p.9, f30-32; M.J. I353p. I07-7f9-II; Prit. p.362;
 Carr. .96; Jan. G. p. I7-Ia, f33; R.E. D. p.322; Brun & T. p.70; Wille pl. 35f9, I0; Det. S. p.990:
 " v. umbonata, Castr. I337p. 30-29f I0, I6; Det. Syll. p.990:
 IMPLICANS, E.-Abh. Ber. I372p. 2I3, pl. 4f3, 4; Det. S. p. I000:
 JANISCHIANUM, Castr. I337p. 77 cum icone; Not. I339p. 749; Det. S. p.993:
 JAPONICUS, E.-Abh. Ber. I372p. I98; Det. Syll. p. I000:
 JAVANICUM, Cl. Java p. I0-2f I3; Brun & T. p.70; Malaisie; Det. S. p.99I;
 KARIANUM, Grin.-Cl. I330p. I20-7f I35; Vega p. 437; Det. S. p.994;
 LAEVE, Forst. -Ann. Bot. Brit. I392p. 33-3f2; Det. S. p. I000:
 LAUDERI, Ralfs. -T.M.S. I364p. 77-3f4; Shaw. I365p. 32; Det. S. p.995;
 " var., Ralfs, T.M.S. I364p. 73-3f3;
 LORENZIANUM, Grin. I363p. I57-I4f I3; I363p. 23; Cl. Java p.9; Sm. Sp. I. 329; V.HS. pl. 32f2; Villef. p.34; Malaisie; Det. S. p.994; -(C. cellulosum)
 " v. parvula, Grin.-Cl. I330p. I20-7f I33; Vega p. 437; Det. S. p.994;
 LORENZII, Grin.-V.HS. pl. 32(2)f9;
 MAMILLANUM, (L.) Kunt. 1885p. 55; Kunt. 1885p. 3 cum icone; ---
~~Cleve Kunt. 1885p. 55; Kunt. 1885p. 3 cum icone; Bot. Chlt. I390p. I3, Nos, 27, 28;~~
 Det. Syll. p.993;
 MESANSE, Castr. Med. I375p. 75-Iff Ia; Villef. p.34; Det. S. p.993;
 MONICAL, Grin.-V.HS. pl. 32(2)f4; Wille pl. 35f22; Det. Syll. p. I000:
 (C. hispidum.)-
 NAVICULA, Britw.-M.J. I353p. 7f7f33; R.E. D. p.322: (Goniothecium.)
 NODULOSUM, Shadb.-Det. Syll. p. I000: (Bacteriastrium.)
 NUDE, Forst. -Ann. Bot. Brit. I392p. 37-3f I:
 ODONTELLA, Rabh. E. D. p.322: (Goniothecium.)
 PANDURIFORMIS, Bailey Coll.: Det. S. p. I000:
 PARADOXUM, Cl. Jav. p. I0-3f I6; Malaisie; Det. S. p.992:-(C. Eiboni.)-
 " v. subsecunda, Grin., V.HS. pl. 32(2)f3, 7; Det. S. p.992;
 PELAGICUM, Cl. I373p. II-Iff4; Vega p. 437; Det. S. p.993;
 PERUVIANUM, Britw.-M.J. I353p. I07-7f I3-I3; I353p. -5f9, I0; Prit. p.362;
 Bull: R.E. D. p.322; O'M. Vesp.: Cl. I373p. I2; Java p.3; Vega p. 437;
 Malaisie; Villef. p.34; Det. S. p.99I; Cl. I377p. 22; Cl. Scott. p. 299f7:
 " v. robusta, Cl. Java p.3-2f3; Malaisie: (C. boreale ?)--
 PETHOI, Pant. 3p. -20f239; Det. S. p.999:
 PENNATUS, Grin.-Det. Syll. p. I000: (Actiniscus & Bacteriastrium.)-
 PLIOCENUM, Brun, & I39I p. I5-I9ff Ia-c; Det. S. p.997:
 PRODUCTUS, H.L. Sm.-Det. Syll. p. I000:-(Bacteriastrium.)---
 PROTUBERANS, Lant.-T.M.S. I364p. 79-3f II: Cl. Java p.9; Det. S. p.993:
 " var., Castr. I337p. 73-3f2:
 RADICULUM, Castr. I337p. 39 cum icone; Not. I339p. 749; Det. S. p.997:
 RALFSII, Cl. Java p. I0-3f I5; V.HS. pl. 32(2)f3; Brun & T. p.70;
 Malaisie; Villef. p.34; Det. S. p.992:

- > gracile, Schott. - Ber. Deut. Bot. Ges. 1895 p. 42: -
- > Groenlandicus, Cl. - G. S. 11. Sep. 1894 p. 11: -
- > Grunowii, Schott. - Ber. Deut. Bot. Ges. 1895 p. 43: - (Ch. decipiens, var.)

incanum, Boid. - M. S. 1856 p. 101-7 f. 7, 10: - (Ch. ...)

> laciniosus, Schott. - Ber. Deut. Bot. Ges. 1895 p. 38: (Ch. ...)
 Gran. N. E. pl. 1 f. 4-7:

> Leudgeri, Bn. - Le D. vol. 2, no 16 p. 74-10 f. 12-15:

+ Lorenzianum, Cl. 1897 p. 21-1 f. 13-15: -

+ Messanense,

> herposillum, Cl. 1897 p. 22-1 f. 12: - (Ch. bollnecum, var.?)

> plicato-rugosum, Bn. - Le D. vol. 2, no 16 p. 75-6 f. 16-19.

- REMOTUS, Grn. & Cl.-Cl. I330p. I20; Cl. & M. I25 sub: (C. aichaeta.)--
 ROGERSII, E.-R.E.D.p. 322: (Goniotheecium.)
 ROSTRATA, Land.-T.M.S. I354p. 79-3f I0; Neww. I355p. 62; Det. Syll. p. 996:
 RUDIS, Fortm.-Malaisie; Det. Syll. p. I000:
 SECUNDUM, Cl. Java p. I0-2f I4; Malaisie; Det. S. p. 992:
 " ^{spiralliter} var. H.V.HS. pl. 32(2)f5;
 SIGMO-CALAMUS, Brun & T. p. 3I-7f5; Det. S. p. 993:
 + SOCIALIS, Land.-T.M.S. I354p. 77-3f I; Neww. I355p. 3I; Det. Syll. p. 995;
 SPIRILLUM, Bailey Coll.: Det. Syll. p. I000: (Bact.)-
 SYMMETRICUS, Fortm.-Det. Syll. p. I000: (Bact.)
 TENELLUS, E.-Abh. Ber. I372p. I79; Det. S. p. I000:
 TETRACHAETA, E.-Abh. Ber. I344p. 200; I372p. I2f5, 6; W.S.A. p. I33;
 Prit. p. 332; R.E.D. p. 32I; Det. S. p. 997:
 VALIDUM, Grn.-Cl. & M. I25: (C. coarctatum, v.)---
 VARIANS, Land.-V.H.S. p. I95-70f3-5; T.No. 445; Det. Syll. p. 993:
 (Actiniscus; -Bacteriastrium furcatum, curvatum & v.)
 WIGHAMII, Brw.-M.S. I353p. I03-7f I9-36; Prit. p. 362-3f24; Carr. p. 96:
 Hall: R.E.D. p. 32I, I9I; Cl. I373p. I2; I330p. I20-7f I34; I39Ip. 35-3f I7;
 Vega p. 437; Fortm. Cey. p. 73; Sm. Sp. T. 63; Carp. I33Ip. 354, f I32; Dannf. p.
 43; V.H.S. p. I95-32f I; Perag. p. 77; Det. S. p. 990: (refer Cl. & C. bottnica)
 Cl. I897 p. 22; Carp. I89I, f469:
 CHELONIODISCUS.-(Pant., I886.)-
 ?? LeD. Vol. Ip. I2: Pant. Ip. ???:-(Tabulina testudo.)--
 ANANINENSIS, Pant. 2p. 35-I7f232; 3p. -27f393; Det. Syll. p. 499:
 CLADOGRAMMA; --- (Ehr., I854). -
 CALIFORNICUM, E.-Mik. pl. 33-I3f Ixx; Bailey Coll.: Prit. p. 3I4-3f II; V.
 H.S. pl. 33(2)f I3, I9; M.D. pl. 42f24; Det. Syll. p. I422:-(Stephanoponia.)--
 CEBUENSE, Grn.-V.H.S. pl. 33(2)f20: Det. S. p. I422:
 CONICUM, Grv.-T.M.S. I355pls. 5f7; 3f I, 2: Det. S. p. I42I;
 " v. reticulata, Brun & T. p. 69:
 OVALE, Grn.-Cl. & M. 2I5 sub; Det. S. p. I422:
 CLADOMPHALUS.---(Bailey, J)-
 ELEGANS, Bailey Coll: Det. Syll. p. I425: (Asteromphalus.)
 CLAVICULA.----- (Pant., I886.)-
 ARENOSA, Brun, I39Ip. I5-22f2; Det. Syll. p. 697:
 ASPICEPHALA, Grv.-J.R.C. I337p. 73: (C. polymorpha, v.)---
 BIARENSIS, Pant. Ip. 33-26f232; Notar. I333p. 532; Det. S. p. 697:
 DELICATULA, Pant. 2p. 35: (C. polymorpha.)--
 " v. radiata, Brun & T. p. 3I-9f I3: (C. polymorpha, v)
 JIMBOI, Pant. 3p. -42f533;
 KINKERI, Pant. 3p. 2. -3f50;
 POLYMORPHA, Grn.-Pant. Ip. 37; Notar. I333p. 53I; Det. S. p. 695;
 (C. aspicephala, delicatula, robusta.)--
 " v. amphilepta, Pant. Ip. 37-26f234; 2, p. 35: Notar. I333p. 532;
 Det. S. p. 696:

> Saltator, Cl. 1897p. 22-158:

> SCHULTZII, Cl. 1897p. 22-158: Gran N.E.p. 19-25 19, 20:

> Sceloporus, Cl. R.S. Rep. 1896(3) no. 5p. 30 of 4, 5: 1897p. 22:

Gran N.E.p. 24-45 52, 53:

> seiracanthus, Gran N.E.p. 21-35 39-41: Cl. 1897p. 22:

> Septentrionalis, Gran N.E.p. 21-35 39-41: Cl. 1897p. 22: (Ch. gracile) -

> similis, Cl. 1896(3) no. 5p. 30 of 1: 1897p. 22: Gran N.E.p. 15-45 55:

> Skeleton, Sch. Att. - Des. De. Nat. Ges. 1895p. 15: Cl. 1897p. 22-253:

+ socialis, Cl. 1896(3) p. 7-25 9: 1897p. 22: Gran N.E.p. 21-35 39-41:

> vermiculus, Sch. Att. - Des. De. Nat. Ges. 1895p. 34: -

> subtilis, Cl. R.S.A. 1896(3) 5p. 30, f8; 1897p. 22:

> teres, Cl. R.S.A. 1896(3) 5p. 30 of 7, 11: 1897p. 22:

> tetrastichus, Cl. 1897p. 22-157:

> Missilogii, Sch. Att. - Des. De. Nat. Ges. 1895p. 44: Cl. 1897p. 22:

> Willi, Gran N.E.p. 14-45 47: Cl. 1897p. 22:

CLISTULA

Lorenziana, Gran. - Cl. Nav.p. 124-1531: - (Mancini)
atlas 2 12 f 51-56;

Clavicle

filiformis, On. L.S. Vol. 2, No. 16p. 75-55 12-14: -

(thal' thrix. elongata v.)

- v. aspicephala, Pant. Ip. 37-2f15; 2p. 35: Notar. I333p. 531;
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 v. delicatula, Pant. Ip. 37-9f75; 26f233a; 26f237: Det. S. p. 696:
 Notar. I333p. 532: (C. delicatula.)
 v. pachycephala, Pant. Ip. 37-26f233: Notar. I333p. 531; Pant. 2p. 35:
 Det. Syll. p. 696:
 v. platycephala, Pant. Ip. 37-26f235; Notar. I333p. 532; Det. S. p. 696:
 v. radiata, Brin. - Det. Syll. p. 696: (C. delicatula, v.)
 v. tumida, Pant. Ip. 37-2f12; 2p. 35: Notar. I333p. 531; Det. S. p. 696:
 ROBUSTA, Brin, I39 Ip. I3-22f1; Det. S. p. 696: (C. polymorpha.)---
 SZAKALENSIS, Pant. Ip. 33-30f301; Notar. I333p. 532; Det. Syll. p. 697:

CLAVULARIA. ---- (Grev., 1865.)--

- BRUB. DENSIS, Grev. - T.M.S. I335p. 24-3f1-3; M.D. pl. 42f33; Det. S. p. 317:

CLIMACIDIUM. --- (Ehr., 1869.)-

- DECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3: - (Eunotia.)
 DIADEMA, E. - Abh. Ber. I369p. 47, pl. 2-3f4: - (Eunotia.)
 ENNEODON, E. - Abh. Ber. I369p. 47, pl. 2-3f7: - (Eunotia.)
 FRAUENFELDII, Grun. - V.H.S. pl. 106f5: --- (Eunotia.)
 HENDECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f9: - (Eunotia.)
 HEPTAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f5: - (Eunotia.)
 MONODON, E. - Nord. p. -2f11: - (Eunotia.)
 OCTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f6: - (Eunotia.)
 PENTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3: - (Eunotia.)
 TETRAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f2: - (Eunotia.)
 TRIODON, E. - Abh. Ber. I369p. 47, pl. 2-3f1; I370p. 53, pl. 3-1f23;
 (Eunotia tridentula, v.) -
 ZYGODON, E. - Nord. p. -2f10: - (Eunotia.)

CLIMACODIUM. --- (Grun., 1868.)-

- FRAUENFELDIIANUM, Grun. I333p. 102-1a, f24; Det. Syll. p. 936: (Eucampia.)-
Grevillea vol. 1 p. 93-6 f10:

CLIMACONEIS. --- (Grun., 1868.)-

- FRAUENFELDII, Grun. I362p. 421-7f2; Det. Syll. p. 760:
 (Stictodesmis Australis: *Var. Scopulorum*:
 LORENZII, Grun. I362p. 421-3f7; Hedw. Vol. 6p. 7; R.E.D. p. 305;
 Det. S. p. 760: [*Var. scopulorum*] (Climacosphaenia linearis.)---

CLIMACOSIRA. --- (Grun., 1862.)-

- MIRIFICA, Grun., I362p. 424-9f3; I333p. 96; Cl. I373p. 14; Vega p. 503;
 M.T.P. 2-1-7: Det. Syll. p. 765: (Rhabdonema.)---

CLIMACOSPHEANIA. --- (Grun., 1870.)-

- AUSTRALIS, K.B.p. 123-10f3; K.S.A. p. 114; Prit. p. 772; R.E.D. p. 299:
 Grun. I363p. 5; Perag. p. 73; Det. Syll. p. 740: (C. Indica.)---
 CATENA, Sbrad. - T.M.S. I351p. 17-1f15; Fortn. Cey. p. 54: - (C. monilifera.)---

Clavularia

citronata Gr. - Le D. 2, no. 23 p. 106-209, 18. (R. L. L. L.)

Cleveia

Cleveia Castrocanei, Pant. - Le D. vol. 2 p. 162; (C. L. L. L.)

Climacodium

biconcavum, Cl. 1897 p. 23-24 f. 16; 17:

Thunfeldianum

"var. Jacobi, Cl. 1897 p. 23-24 f. 8

ELONGATA, Bailey N.S.p.3, f10, II; Prit. p.772; Grn. 1362p.353-3f22; R.
E.D.p.299; Grn. 1363p.5; Breb. Vern. p.9; Fortm. Cey. p.54; Cl. 1373p.14;
Veg. p.503; Perag. p.73; Villef. p.63; Woll. pl. 43f32, 53; Malaisie;
Det. Syll. p.739; (C. frauenfeldii & ramosa.) ----
FRAUENFELDII, Grn. 1362p.353; (C. elongata.) --
INDICA, Httsch. 1362p.13-5f1; R.E.D.p.299; Malaisie; (C. Australis.) -
LINEARIS, Jan. & R. p.6-2f2; R.E.D.p.299; Fortm. Cey. p.54; Malaisie;
(Climaconeis Lorenzii.) -

MAXIMA, Rab. - Haw. Vol. I. p.103-13f1; R.E.D.p.299; Det. S. p.741;
MDILIGERA, E. - Amer. pl. 2-6f1; K.B.p.123-29f30; K.S.A.p.114; Bailey &
M. p.1.9f14; Prit. p.772; 11f45, 46; Grn. 1363p.139-14f17; 1365p.5; Jan. &
R. p.3-2f1; M.D. p.1.19f9; R.E.D.p.299; Breb. Vern. p.9, f11; Pet. Cat. p.
33; M.T.P. I-2-II; Sm. Sp. T. 63I; Cl. & M. 12I; Perag. p.73; Villef. p.63;
Woll. pl. 29f17, 3; Malaisie; Part. 21.57; Det. Syll. p.740;
(C. coccinea; -Echinella flabellata.) -

v. Hungarica, Part. 21.57-30f423; Det. S. p.740;

RAMOSA, Bailey N.S.p.3;

(C. elongata.) ----

COCCINEIS. ---- (Ehrh. 1835) -

--, Merz. A.N. p.405; - *Atlas 189f24-26*; Pfitzer p.1.47; *Atlas 197f12*.
--, Tatarica 1379p.49; - *Atlas 195f8*; ----, A.N. 4135p.1.
--, E. - Mik. p.1s.7-3b, f5; *Atlas 196f2, 30*; ----, 7-413; - *Atlas 192f5, 13-15, 27, 56, 64*.
--, Williamson p.50-1f23, 24; ----, A.S.S. 1342p.101-2f34;
--, A. Schrn. A. C. p.1s. 1f27; - *Atlas 194f16, 21, 22*; ----, 5f13b; - *Atlas 193f13, 19, 20, 28, 38, 39, 56*.
--, Witt 1333p.15-4f12, 21, 22; - *Atlas 190f27, 44-46*; - *191f4, 10, 12, 21, 35, 38, 23-26, 47, 50*.
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(C. oblonga & ?) --

ADRIATICA, K.B. p.73-5f3(2, 9); K.S.A.p.53; Breb. D. C. p.14; Italy;

Prit. p.369; R.D.E.R. No.7; Petit Cat. p.12; Sm. Sp. T. 632;

(C. scutellum, v. - C. mediterranea.) -

AGGREGATA, K.B. p.72-5f3(5); K.S.A.p.51; Prit. p.363; R.E.D.p.101;

(C. consociata, nigricans & scutellum, v. *parva*.)

AMBIGUA, Grn. 1363p.14-1f9; Woll. pl. 63f35, 36; Det. Syll. p.457;

(C. California & Mexicana.) - *Grevillea Vol. 1 p. 30-2f9*;

v. Gradowii, Det. Syll. p.451;

(C. ambigua.) ---

v. Montereyi, Grn. - Cl. & M. 164 sub; Det. S. p.453;

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27; Prit. p.371-12f43; R.E.D.p.105; Woll. pl. 33f32;

(C. Mexicana.) --

AMPHICEROS, E. - *Moh.* 3. 1340. 206; Amer. p.127; (Doryphora; -Raphonosis.)

AMYGDALINA, Breb. - V. A. S. p.1.30f5, *forma minor*; §35 = *forma major*;

ANDESITICA, Part. 21.57-31. - 10f170; Det. S. p.450; - (C. ocellus-easis.) ---

ANGUSTA, E. - Mik. p.172; Det. S. p.464;

ANTIOUA, Brit. & T. p.32-3f5; Det. S. p.453; *Atlas 191f38, 39, 49-52, 194f23*;

ARCTICA, Cl. 1373p.14-2f11; Nares: 1360p.13; Veg. p.450-35f4a, b;

Det. Syll. p.459; - (C. olivacea v. *cl. nov. 2p. 176*;

(C. inflexa.) -

ARCUS, Bailey Coll.;

(Campylorhis.) -

ARMATA, Grev. - T.M.S. 1333p.163-11f13; Det. S. p.450; - (C. *antioquia*)

ARRABENSIS, Grev. - M. C. 1359p.30-5f2; Prit. p.369; Cat. p.93;

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Coccones

- , A.S., Atlas 2f12: - (Rhaphoneis?) - atlas 198f8, 33-31.
--, Bn⁴ T. p. 8f7: (C. rubra, var. hirsuta)

> adjuncta, A.S., Atlas 190f15, 16: - (C. scutellum, v. ampl.) -

> acuta, A.S., Atlas 194f18: Cl. Nav. 2p. 196:

> Ahlfeldtii, Jan. - Atlas 190f43:

> aliens, A.S. - Atlas 197f13-15:

ambigua,

" var., Grun 1868p. 14-1f22: Grun. Lea vol 1p. 30-2f22 (non Grun.)

> antiqua, Cl. Nav. 2p. 177:-

" var. foveata, Sp. 18. Atlas 191f44-46; Cl. Nav. 2p.

> apiculatus, A.S. - Atlas 198f31, 32:

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ATLANTICA, E.-Mik. p. 39-319; A.J.S. 1351, f45; Prit. 1.369;

Det. Syll. 1.464;

ATOMUS, Rabh.-Crypt. Flor. Sachs. p. 25: Hoffmann, Marburg;

(Fristulia & Navicula pelliculosa; -Synedra.)

AUSTRALIS, Petit Cat. 1.11-4f2; Haw. 1373p. 125; Det. Syll. 1.443;

J.R.M.S. 1373: 233-14f2: *Atlas 177, 187; Cl. m. 2 p. 113;*

BALTICA, Schum. 1367p. 54-1f13;

BALDOUTKIANA, Grun.-V.H. type No. 545 sub: *Atlas 190f7-10: (C. scutellum, "b".) --*

BARBADENSIS, Grev.-T.M.S. 1364p. 14-2f10; J.Q.C. 1336p. 322: -(Orthoneis.) ----

BEHARENSIS, Pant. 2p. 57-5f90, 94; Det. Syll. 1.444: *(C. m. 2 p. 113)*

" v. minor, Pant. 2p. 57-4f75, 76; Det. S. 1.444:

BINOTATA, Grun. 1353p. 145-13f13a; R.E.D. 1.103; Br. 5. D.C. 1. : Verm. 1.

9; Sm. S. 1. T. 39: Italy; Perag. 1.53; Malaisie;

" var. *"stauroneiformis*, Grun. 1363p. 145-13f13b; R.E.D. 1.103:

(C. scutellum, "b".)

BBREALIS, E.-Amer. 1.123; M. p. 15.5-1f123; 7-1f4; 7 3b, f4; 14f20; 37-3f

2; 33A-17f13; M. 1353p. 33; V.B. 1.73; V.S.A. 1.52; R.S.D. 1.27; Prit. 1.

359; R.E.D. 1.52; Schum. 47. 1. 51-2f21; Woll. 1. 33f13; Det. Syll. 1.462;

(C. Islandica.) ----

BORYANA, Pant. 3p. 7. -2f33; *(C. m. 2 p. 113)*

BRAMAPUTRAE, E.-Mik. p. 123; Det. Syll. 1.464;

BRITANNICA, Macg.-K.S.A. 1.390: Prit. 1.372; Carr. 1.97; R.E.D. 1.99:

V. 4S. 1. 30f1, 2; Villef. 1.37; Det. S. 1.450: *Atlas 110f40-42: +*

BRUNDUSIACA, Rabh. S. D. p. 23-3f16; Prit. 1.371; R.E.D. 1.101: Italy:

Det. Syll. 1.451;

CALIFORNICA, Grun.-V.H.S. 1. 30f13, 9; Woll. 1. 33f19, 20; Det. S. 1.453;

Pant. 2p. 58-2f132: *Cl. m. 470 sub: (C. scut. var. cat.)* (C. arbigia, *"b"*) --

" forma subcontinua, Grun. 1.46: *V.H.S. pl. 30f10:*

" v. hungarica, Pant. 3p. -10f164; *(C. scutellum;*

" v. menilitica, Pant. 2p. 58-4f71; 7f123;

CAELATA, Annot.-Petit Cat. 1.12; M.J. 1332p. 234-10f5, 6; R.E.D. 1.106;

V.H. Type No. 244: *Atlas 193f53: (Navicula; -Campyloneis.) -*

CLAVIGERA, O'M.-M.J. 1357p. 243-7f5; Haw. 1367p. 172; Det. S. 1.443; *(C. Quae.)*

CLYPEUS, E., Inf. p. 195; M. p. 15.10-2f21; 13-1f23: *(Campyloneis.) +*

COMMUNIS, Heiberg p. 93; Cl. 1353p. 232; Strose, Kleiken:

(C. pediculus & placentula, *of S. B. 2*

CONCENTRICA, E., Amer. p. 123, 15.4-3f33; 3-1f31; 3-7f13; V.B. 1.72-23f13;

K.S.A. p. 51; R.S.D. p. 23-3f13; Prit. 1.363; R.E.D. p. 105: *(C. placentula.)*

CONSOCIATA, V.B. p. 72-5f8(3); K.S.A. p. 51; Prit. 1.359; R.E.D. p. 100:

Sur. Jap. p. 13-2f23; Eiben, 1371; Flogel, Baltic:

(C. aggregata, nigricans, *scutellum, var. parva.*)

CORONATA, Br. 1.-M.J. 1359p. 179-9f2; Prit. 1.371; R.E.D. p. 105:

Italy: *(C. Britannica?)* (Orthoneis.)

CORNUTA, Janisch. - *Atlas 197f19:*

COSTATA, Greg.-M.J. 1355p. 39-4f10; 1357p. 33-1f27; S.B.D. 2p. 102; Prit.

p. 371; Jan. Gu. p. 13-1a, f36; Carr. 1.97; R.E.D. p. 104; Cl. 1373p. 15;

Vega p. 460; Nales; Fortm. Cey. p. 10: V.H.S. 1. 30f11, 12; Brun & T. p. 70;

J.Q.C. 1337p. 72; Villef. p. 37; Woll. 1. 33f9, 10: *Atlas 189f6, 7; 190f19:*

(Campyloneis; -C. Pacifica & scutellum; -Raphoneis Archeri.) - *Cl. Nav. 1. 181*

(C. m. 2 p. 113)

> Beltmeyer, Jan.-atlas 196 f 2, 2, 23; - (C. molestus, v.)

7 *biflexa*, A.S., Atlas 193 f 25: cl. Nov. 2 p. 196: (

biradikta, 2 - uzlas 170f1; cl. 17-18p. 176/176

7 Handicula, A.S., atlas 192 f17; Cl. Nov. 2p, 196:

Brittonia, Pl. Texas pp. 180; (flor. compacta, foliis oppositis ovatis
sessilibus pp. 181 & 182, pp.) - Only seen here.

✓ Campyloneura Chen. - (Atlas 19 of 26: 1947): Nov. 2p. 46.

2 circumcincta, a.s., Atlas 195 f 7-9:-(*C. bellincola*.)

cineta, as, subs 110 of 28. (C. 44. 2 p. 76) (C. 44. 2 p. 76)

↳ clandestina. a.s., Atlas 192 f 28, 29:

2 separate U.S. Atlas 1907-07. Cf. Smithsonian 1961.

Citrina, aB. - Atlas 1987 2.8 - 1.1

+ Clypeus, A.B. 1836 p. 130:

Comis. U.S., May 1932: 12. - Comis. U.S.

> composita, ab., atlas 196f 4, 5: - (c. het. var.)

Disconspicua, A.S., Atlas 1967: 27-29: 18. (h. 18)

Tertermina, A.S., Atlas 196f 21: Cl. Nav. p. 196.

- " v. hexagona, Grun.-V.A.S. pl. 30f15-17: *Cl. Nav. 2p. 182*;
 " v. Pacifica, Grun.-V.A.S. pl. 30f13, 14; *Cl. Nav. 2p. 182*; *Orth. 97p. 328*;
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 CRIBROSA, Cleve 1373p. 10: (Ortho *neis*)---
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 + CRUX, E. Mon. Bel. 1344p. 205; V.S.A. p. 53; Prit. p. 357; R.E.D. p. 105; J.
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 DECUSSATA, E. Arch. p. 123, pl. 2-6f12; K.B. p. 73-20f17; V.S.A. p. 53; R.S.
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 GETONIANA, Part. 3p. -34f132: (C. *victa*.)----
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 " var. "b" stauroneiformis, S.B.D. II. 22-30f254b; Prit. p. 357: (*C. disrupta*, v.)
 " v. cruciata, Breb. D.C. p. 14; - (*C. molesta*, var. *cr.*)
 " v. Rabh. L.D. p. 100;
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 " v. Antarctica, Grun.-V.A.S. pl. 29f13, 19: *Cl. Nav. 2p. 175*; = v. major.
 " v. nubia, Grun. 1333p. 14; Det. Syll. p. 453; *Cl. Nav. 2p. 175*;
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 + " v. flexella, Grun.-V.A.S. pl. 29f16, 17; Vega p. 495; Villef. p. 37; +
 " v. genuina, Grun. 1333p. 14; Det. S. p. 453;
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 " v. major, Grun. 1333p. 14; Det. S. p. 453; - (var. *antarctica*)
 " v. minor, A. Schrn. N.D. p. -3f21: - (*C. disrupta*)
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 " var. *a.S.*, *Atlas 193f29-33, 35, 40*:

- " v.minima, Peragallo, Villef.p.37; - (C. distans) -
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- 3I; K.B.p.73; K.S.A.p.52; Prit.p.367; Woll. pl.33f37;
- (C.placentula, var., & diaphana.) ---
- EMMERICII, Danisch. - atlas 197f7-10: (C.heteroidea, v.) ---
- EUGLYPTA, E. - Mik.11s. ~~34-3a,f2~~; 1353p.53; Prit.1.363;
- R.E.D.p.105: (C.lineata, v.) - C.placentula, v.)
- EXARATA, Grun. Mss.: atlas 193f5 (C.ellipsoidea, minor.) -
- EXCENTRICA, Cornier. - M.J.1353p.25-3f11; Prit.p.371-7f40; Carr.1.93; R.
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- FASCIATA, E. - Amer.1.123, 11.1-3f15; K.B.p.72-23f14; K.S.A.p.52; R.S.
- > C.1.23-3f7; Prit.1.363; R.E.D.p.105: (C.dinipeta, v.) -
- > FENESTRATA, Grev. - M.J.1357p.9-314;
- FIMBRIATA, Btw. - M.J.1353p.179-9f3; E., Abh. Ber.1353p.13; 1372p.11f26;
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- FIMBRIATA, Grun. - Cleve 1360p.15-1f1; Vega p.450; Nares;
- Det. Syll. p.460: Cl. Nav. 2.p.174:
- FINNICA, E. - Inf.1.194; Amer.11s.3-7f15; 4-1f9; 11.11s.2-2f20; 2-3f17;
- 4-2f15; 5-3f25; 7-3b,f3; 17-2f19; 33-12f12; 35A-2a,f9; 39-2f10; Mull:
- Abh. Ber. 3670p.1.2-1f44; K.B.p.72-23f13; K.S.A.p.52; Prit. pp.370, 933-
- 12f41; Heuw. Vol.1p.103-13f3; Weisse 1364p.107-1f3; Nylander, w.: R.
- E.D.p.105; Italy; Villef.p.37; Woll. pl.33f33; Det. S.p.462:
- (Diploneis; - Navicula elliptica & ovalis.) ---
- " var. "b" major, Prit.p.370:
- FLEXELLA, Jan. & R.p.7-1f11; Mull: Breb. Verm. p.9; R.E.D.p.105;
- Malaisie: Cl. Nav. p.177: - (C.dinipeta, v.) affid. flex. (C.heteroidea 5thinnate
- FLOREOSA, Grun, 1391p.15-13f6; Pant.3p.12. -32f45; atlas 193f42-47: +
- FULGUR, Grun, 1391p.17-13f3; atlas 198f20, 21: (C.annulata, v.)
- GEMMATA, E. - Mik.11.37-2f1; Abh. Ber.1342p.265; 1370p.23, 53; Prit.1.
- 363; R.E.D.p.105; Woll. pl.5f7; Det. Syll. p.449;
- " v.menellica, Pant.2p.53-4f71; 7f123; Det. S.p.449;
- GEMMIFERA, E. - Abh. Ber.1354p.313; Det. S.p.464;
- CIBBOCALYX, Grun, 1391p.17-13f4; atlas 193f58, 55 Cl. Nav. 2p.172
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- > GLANS, E. - Mik. p.311:
- GRANTIANA, Grev. - T.M.S.1361p.72-2f13; Carr.1.93; R.E.D.p.106;
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- GRANULATA, Grun. - Cl. & M.273: (C.Grevillei, v.) ---
- GRANULIFERA, Grev. - T.M.S.1361p.72-3f19; Carr.1.93; R.E.D.p.106;
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- > GREVILLEI, S.B.C.11.22-3f55; Quak. H.C.11.12f19; Grev. S.C.1.13; R. Alg.
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- Cl.1373p.10; Perag. p.53; Woll. pls.33f3; 34f3-10: (Campyloneis.) --
- " var., Grun.1362p.1.4f32: (C.granulata.) -

> divisa, A.S. - atlas 198 f 14:

> duplex, A.S., atlas 194 f 1; - (C. pseud... ..)

> egena, A.S., atlas 193 f 24: Cl. Nav. 2 p. 196:

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> eximia, A.S., atlas 192 f 1; - (C.)

> exoptata, A.S., atlas 190 f 31; - (C. costata, v. Imp.)

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> fulgens, A.S., atlas 193 f 8; - (C.)
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> frontina, A.S., atlas 189 f 27; - (C.)

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- GRÖENLANDICA, E.-Nord.p. 2I-3fI; Det.Syll.p.464;
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 " v. conspicua, G.S. - Cl. hav. 2 p.179. (C. cons.)
 " v. bimaculata, Jar. - Sm. Sp. 1.33; -(Cocc. ERM.) *var. curvirostris, Br. Sp. - Cl. hav. 2 p.179.*
 " v. Sigmodonta, G.S. - Cl. hav. 2 p.179. -(C. Sigmodonta)
 " v. Japonica, Grm. - Cl. & M.199; Det.S.p.453; (C. rot. v. Comp. ovata)
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 KIRCHENPAUERIANA, Jan. & R.p.7-If9: R.E.C.p.103: -(C. pseudomarginata, v.
 KUTZINGII, Breb.-K.S.A.p.50: (C. pediculus.)--
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 + K.S.A.p.5I; R.S.D.p.27-3f14; Prit.p.363; Neup.Asatag.1.I92-2f40; R.
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 I4f14p; 15A, f53,54; 9-If47; 33-3f1; 33-IIIf1; 33-If2: 37-If3; 37-2f2;
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 " var. "b", denudata, K.B. p. 72-5f10(3); K.S.A. p. 51; Prit. p. 339; Italy; (C. nigricans.) ---
 NINGPOENSIS, Petit, Nimrod p. 6-3fI; Det. S. p. 443; -(C. *vittonica.*)
 NITIDA, Greg. D.C. p. 20-If23; Prit. p. 371; Carr. p. 93; R.E.D. p. 103; Fortm. Cey. p. 10; Brun & T. p. 70; Wolle pl. 34f3, 5; (Raphoneis Liburnica.) -

+ Quercus, {C. brunifolia,

7. Geometrische Optik - Lichtstrahlen, Brechung, Reflexion, Spiegel, Linsen, optische Systeme.

Magnificat, Jan. - Dec 1893.

minute, il. flav. p. 111. [C.] — *Fl. Ind. Arch. Ind. P.*

var. *alpestris*. Br. cl. Nov. 2 p. 100. (2, 1, 1)

11 var. *alpestris*, Bn. - cl. Nav. 2 p. 180! - (Ach. *plex*, p.p.) -

molesta,

" unconjugated - Bacterioides 1935 1938-51200 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2

"forma angusta, h. - V.H.S. pl. 30, f 18, 19

S. melanocaudus, A.S., Atlas 1911f9: Pl. 7, fig. 27.

naucinioides, (Mastig. 1844)

- NODULIFER, Grove & Start. - J.Q.C. 1337p. 131-10f5; DeT. Syll. p. 449;
 NORVEGICA, Gr. - Cl. M. 1878 #102; - (C. Lyra.)
 NOTABILIS, Pant. 3p. - 35f492; - (C. pellucida?) - (C. rotundata.) -
 NOTATA, Petit Cat. p. 10-4f1; J.R.M.S. 1373p. 233-14f1; DeT. S. p. 443;
 Hdw. 1373p. 125; Cl. Nav. 2p. 176.
 OBLONGA, W.B. p. 72-5f3(7); W.S.A. p. 51; E.M. 1353p. 33; Prit. p. 333; R.
 E.D. p. 105; Wille pl. 33f34; (C. acutata & diapha.) ---
 OCEANICA, E. - Abh. Ber. 1340p. 35; Amer. pls. I-1f14; 2-3f11, 12; W.B. p. 72-
 5f5(8); 3f4; W.S.A. p. 54; Prit. p. 333-12f42; N. & R. S. p. 35; Sm. Sp. 1.
 75; Wille pl. 33f35; - (C. pellucida, p. p.) - (C. diapha & placental.) -
 + OCULUS-CALIS, Brin, 1391p. 18-13f5; Atlas 195f2-24; - (C. Andessitica.) -
 ORNATA, Greg. D.C. p. 19-1f24; Prit. p. 370; Carr. p. 93; R.E.D. p. 102; Jan.
 & R. p. 7-1f15; DeT. S. p. 442; - (C. Scutellum)
 + PACIFICA, Grin. 1333p. 11-1f10; O.M. Verg. : Pet. Cat. p. 12; Sr. Sp. 1. 334;
 DeT. S. p. 442; Atlas 197f23; (C. costata; - Rhapsoneis Archeri.) ---
 PATAVINA, Meneghini. - W.S.A. p. 50; (C. pediculus.) -
 PARADOXA, E. - Mik. pl. 9-2f5; Prit. p. 375; DeT. S. p. 434;
 PARMULA, Bailey & Harv. p. 131-9f23; Prit. p. 370; R.E.D. p. 105;
 (Campyloneis Grevillii.)
 PEDICULUS, E. - Inf. p. 194-2f11; Mg. pl. 34-12b, f1; W.B. p. 71-5f9(1); W.
 S.A. p. 50; R.S.D. p. 27-3f1; Brachar: R. Alg. No. 367; S.B.D. 11. 21-3f31;
 Front.: A.M.N.H. 1353p. 1f1-12; Marissal; Desmazières 2, No. 103; Prit.
 p. 337; R.E.D. p. 93, f25; M.D. pl. 12f17; Pfitzer p. 37-5f3; Borscow pl.
 1f13; 2f5, 6; Italy; New Zealand; Hill; Carr. p. 97; Grin. 1333p. 14; 1373
 p. 5; Kerpauer p. 139-1f16; Ent. Sp. 1. 22; Schum. H.T. p. 30; Nylander, W.:
 Prollius pp. 59, 103-2f7; Petit & Leud.; liste p. 13; Class. f1; Delogne;
 T.M.S. 1377p. 137f1; Macdonald pl. 10f17; M.T. p. 2-4-15; Sm. Sp. 1. 73; V.
 1. S. p. 133-30f23-30; T. Nos. 243, 249; Socotra; Brin Alp p. 31-3f22; Cl.
 1391p. 51; Perag. p. 53; Trien 1333p. 14f27; Lake Michigan; Gallik, Papua;
 Belloc, Lichon; De Toni, Port.; Ebert, Cassel; Spaner, Duren; Hoffmann,
 Marburg; Wille pl. 33f21, 27, 33; Pant. 2p. 53-4f35; Herib. p. 43; DeT.
 Syll. p. 452; Atlas 197f53-55, 57-63; 195f1-3; 197f1, 2; - (Amphora; -
 Cymbella; - crust. lens; - C. communis, Kutzingii, Patavina, pumila.) -
 " var. "b" salina, W.B. p. 71-5f3(3); W.S.A. p. 50; Prit. p. 337; - (C. salina.) -
 " var. "g" minor, W.B. p. 71-5f9(3, 4); W.S.A. p. 51; (C. minor.) -
 " v. genuina, Grin. 1333p. 15; DeT. Syll. p. 452;
 " v. rotunda, Br. & Her. - Herib. p. 213;
 " v. salinarum, Pant. 2p. 53-27f393; DeT. Syll. p. 452; Cl. Nav. 164;
 PELLUCIDA, E. - Hantzsch 1332p. 21-3f11; Grin. 1333p. 145-13f6; R.E.D.
 p. 103; Brach. Verh. p. 9; M.T. p. 2-4-19; Pet. Cat. p. 11; Grin. 1333p. 12; Cl.
 1373p. 14; Vela p. 504; Italy; J.Q.C. 1335p. 135; Witt 1333p. 15-4f11;
 Perag. p. 53; Pant. 2p. 53; Malaisia; DeT. Syll. p. 455; Atlas 194f2;
 (C. culvirotunda & pseudomarginata, Occanica, rotunda & tuberculata)
 + " v. fossilis, Pant. 3p. 7, - 32f435; - (var. Nankooensis)
 + " v. minor, Grin. 1333p. 13-1f7; DeT. S. p. 455; Atlas 193f6-8; - (C. exarata & lineata.) ---
 + " v. Nankooensis, Grin. 1333p. 93; DeT. S. p. 455; Atlas 191f48; 194f15 +
 PELTA, A. Schm. N.D. p. 1-3f17; DeT. Syll. p. 450; Atlas 192f16; 191f15-17.
 191f56-57; Cl. Nav. 2p. 176

notabilis, at., Atlas 1945 13: 21-22, 117. (C. notabilis, at.)

montana, at., Atlas 196 19: 10. at. 3 p. 197.

orbicularis, Br., 1852? at. 19: 115-116, 117. (C. orbicularis, Br.)

+ oculus-catus - (C. dimpta, var.)

Pacifica, Grevillea vol. 1 p. 30-2 f 10 a-d.

panamensis, Br., Atlas 189 16-21. (C. panamensis, Br.)

Pediculus, Cl. Nav. p. 169: 1 C. sigmoides, tenue str. 6, Balt. 1911-12
ardidone 1913 p. 197.

pellucida, Cl. Nav. 2 p. 178.

" var. β , minor, Grevillea, vol. 1 p. 31-2 f 7 a, b: Cl. Nav. 2 p.

" var. γ , sigmoides, Grevillea vol. 1 p. 31-2 f 8: Br. 1964 13-21 (C. sigmoides, Br.)

" " Frankoorensis (C. notabilis) Cl. Nav. 2 p. 175.

- PERSICA, Rabh. S.D. 1.27-3f5; Prit. p.369; R.E.D. 1.105; Det. Syll. 1.451;
PERPUSILLA, Pant. 2.1.53-1f73; Det. S. 1.447; *Atlas 189f1-5: 190f3, 4; Cl. Nov. 2 p. 194: (Achnanthes?)*
PERUVIANA, K.B. p.73-5f6(7); K.S.A. p.59; Prit. p.369; Jan. Gu. p.16-5f3, 7; R.D. Ex. No. 3; R.E.D. 1.105; (C. scutellum, v.)
PETIOI, Pant. 2.1. -3f504; *(C. scutellum, v.)*
PINNATA, Greg. -M.J. 1359 p.79-3f1; Prit. p.370; Carr. p.93; R.E.D. p.103; V.A.S. 1.1.30f3, 7; Villef. p.37; *Atlas 189f1-5: 190f3, 4; Cl. Nov. 2 p. 194: 3*
PINNULARIA, Bailey. -A.J.S. 1341 p.1.2f34; K.B. p.73-5f34; K.S.A. 1.52; Prit. p.369; R.E.D. 1.103; Woll. 1.1.33f4f; Det. S. 1.443;
PLACENTULA, E. -Inf. p.194; Amer. pls. 1-1f10; 1-2f24; Mg. pls. 1-1f12 5-1f24; 3-1f13; 9-1f46a-c; 13-1f13a, b; 20-1f52; 33-5f1; 35A-1f13; K.B. 1.73-23f13; K.S.A. 1.52; R.S.D. 1.27-3f5; R. Bac. Ex. 40; R. Alp. 365; S.B.D. 1.1.2f-3f32: Mull; T.M.S. 1354 p.73-3f1; Prit. p.333-7f36; weisse Gu. 1.1.1f13; 1354 p.350-1f16; New Zealand; R.E.D. 1.99; Arenig Bach; Grun. 1353 p.16; 1373 p.5; Amazon; Italy; Guinard 1.3f; Schum. 1.1. p.30; Lanzi, 1373 p.5; Ostia p.3; Mull; Petit & Leud.; Cat. p.15; liste p.13; Nimrod; Lanzi, Tor.; Sm. Sp. T. 77; Dannf. p.14-1f1a-c; M.T.P. 2-6-13, 14; Cl. 133 p.10; Vega p.49f; 139 p.5f; Tanarek 1379 p.49, f27b; Hoffmann, Marburg; Deby Polder p.13; Kinnord; Fortm. Cey. p.10-1f4; Brun Alp p.3f-3f23; V.A.S. 1.133-30f23, 27; Truan 1335 p.1.4f24; Ebert, Cassel; Perag. 1.53; Helloc, Lichon; Gallia, Papan; Woll. 1.1.33f17, 13; Merib. p.44; Det. Syll. 1.454; *Atlas 192f38-44, 46, 47, 49-51; 193f1-4: Oestr. '97 p.327: (C. communis, concentrica, striolata, Reichehlii, producta.*
" forma marina, Rabh. E.D. 1.99: (C. Oceanica, elongata, longa.)
" perpusilla, Rabh. E.D. 1.99:
" v. costata, Brun Alp p.3f:
" v. pinetata, Brun Alp 1.3f: -(C. pinetata, E.)-
" v. lineata, E. -V. A.S. 1.133; Det. Syll. 1.454; *Atlas 191f56: (C. lineata.)*
PORTII, O.M. -M.J. 1337 p.243-7f7; Det. S. 1.454; -(C. Scutellum.)
PRAECELLENS, Pant. 1.1.3f-3f59; 2, p.53; Det. S. 1.447; *Atlas 196f1; Cl. Nov. 2 p. 197*
PRAETEXTA, E. -Amer. 1.1.3-3f1f; Prit. p.365; Italy; R.E.D. p.105; Det. S. p.464;
PRODUCTA, Clave Vega p.512: -(Achnanthes.)
PSEUDO-MARGINATA, Greg. D.C. p.20-1f27; Prit. p.371-7f39; Carr. p.93; R. E.D. p.104; Italy: Jan. & R. p.7-1f16; Breb. Verm. p.9; Grun. 1353 p.13; A. J.S. 1377 p.102; M.T.P. 2-4-13; Sm. Sp. T. 74; Lagr. 1373 p.56; Malaisie; V. A.S. 1.1.29f20, 2f; Cl. Vega p.460, 504; Perag. p.53; Villef. p.37; Woll. 1.1.33f1, 2; Det. Syll. 1.457; Pant. 2, 1.53; *Atlas 194f5-8, 12: Cl. Nov. 2 p. 178: (C. pellucida & major.) - Gruntha Vol. 1 p. 31-2f6a, b: (C. vitrea sp. p. J. Hewitt*
" v. intermedia, Grun. 1353 p.13-1f6; Pet. Cat. 1.12; J. D.C. 1335 p.322; Det. Syll. p.457; *Atlas 194f19: Cl. Nov. 2 p. 178: (C. Kirchenpaueriana)*
PUMILA, K.B. 1.71-5f9(2); K.S.A. p.5f; R.S.D. 1.27-3f10; Prit. p.367; Italy; weisse 1350 p.1.1f17; Schum. 1354 p.19-2f12; Spamer, Duran; Gallia, Papan: (C. pediculus & placentula.)---
PUNCTATA, E. -Amer. p.123, 1.1.3-1f29; K.B. p.72-29f30; K.S.A. p.52; R.S. 1.1.27-3f2; Prit. 1.363; R.E.D. 1.105; Schum. 1.1. p.30-2f20; Hoffmann, Marburg; M.T.P. 2-4-17; Ebert, Cassel: (C. placentula, v.)
PUNCTATA, Loharzewski. -Linnae 1340 p.274-5f2; K.B. p.74; K.S.A. 1.53; (C. scutellum, v.; ~~Auricularia~~)

PUNCTATISSIMA, Grev.-M.J. 1357p.3-3fI; Prit.p.370; R.E.D.p.106;

Italy: Jan. & R.p.7-IfI4:

(C.splendida; -Mastogloia cribrosa; -Orthonais p. & splendida.)---

PYGMAEA, K.B.p.71-5f6(4); K.S.A.p.50; Prit.p.367; R.D.Ex.No.16; R.E.

D.p.100: Italy: Schum.1364p.19-2fII; Flögel, Baltic: ~~+~~ (C.dirupta, v.)-
QUADRATA, Roper Mss.: (Navicula.)

QUARNERENSIS, A.Schm.N.D.p. -3fI6; Heaw.Vol.15p.3; Lagr.1376p.55:

Villefranche p.35: Vega p.400; Del.Syll.p.451: Atlas 1912 p.20-25
(Pinnularia Altmanniana; -Raphoneis.)-- Cl. Nav. 2p.150. (C. clavicornis)

RACIATA, Wigand.-Heaw.Vol.2p.46--C.wigandii:---Grev., T.M.S.1357p.

63-4f26; Prit.p.371; Carr.p.97; R.E.D.p.104; (Campyloneis Grevillei?)

RABANA, Pant.2p.59-24f354; Del.Syll.p.447; -(C.scut. var. R.)

REGALIS, Grev.-M.J.1359p.156-7fI; Prit.p.370; R.E.D.p.106; O'M.Kerg.:
Sr.Sp.T.635; Wolle pls.5fII; 34f6,7; (Campyloneis.)--

" var., Perag., Villef.p.37-2fI2;

REGINA, Johnston.-M.J.1360p.13-IfI2: Prit.p.370; Italy; R.E.D.p.105;

Villef.p.1.33-4f34; Malaisie; Del.Syll.p.463; -(C. ...)

RHOMBEA, E. ~~Mab.~~ Ber.1345p.75; Mg.pl.35A-7f2; K.S.A.p.53; Prit.p.371;

R.E.D.p.105; Wolle pl.63fI9; Del.S.p.456;

RHOMBIFERA, Bail. & Harv.p.175-9f3,4; Prit.p.371; R.E.D.p.105;

Wolle pl.5f3,9; Del.Syll.p.463;

RHOMBUS, E.-Abh.Ber.1340p.12; K.B.p.73; R.E.D.p.105: (Raphoneis.)--

ROBUSTA, Fortm.Cey.p.11-IfI; Del.Syll.p.444: (Nehanthus Lorenziana)

ROPERIANA, (Orthonais binotata.)---

ROUXII, Her. & Br.-Herib.p.45-If3: (C. ~~plac. var.~~ (C. lineata, v.)-

RUDIS, Cl. Java Malaisie:

SALINA, Rabh.S.D.p.27-3f3; weisse 1360p.361-3(2)2: Neupauer Asatag p.

139-IfI7; R.E.D.p.99; Italy; Brun Ali p.32-3f26; Del.S.p.453; Herib.

p.43; C. depressa (C. pediculus, v. ~~8~~-Nav. ovalis, v.)----

" forma intermedia, K.-Rabh.E.D.p.99: (C. depressa, K.)

SCUTELLIFORMIS, Grun. in Cl. Br. Nos. 148, 174, 208, 210 - (C. Brittanica.)

SCUTELLUM, E.-Inf.p.194-14f6; Amer.pls.I-IfII; I-3fI6; 2-3fIO; Mg.pls.

7-3a, f27a, b; 12f21a-c; 15A, f56; 19f33: Nora.p. -3f4; K.B.p.73-5f

3(3,3); K.S.A.p.52; R.S.D.p.27-3f4; Cole, Essex; Westendorp, G.: Prit.

p.369-9fI62, I63; M.D.pl.12fI3; Heib.p.93; Jan. & R.p.7-4f3; Jan.Gu.p.

13; R.E.D.p.101; R.D.Ex.Nos.14, 15; weisse Gu.pl.1fI7; 1364p.360-If

I7: 1360p.359-1fI6; Schum.1367p.54; Eil.Sp.T.23; Guinard p.5; Italy;

Grun.1363p.12; 1373p.5; N. & R.S.p.70; Malaisie; Carr.p.93; Ill; Cl.

1367p.666: 1368p.232; Naresp.315; 1373p.14; 1373p.10; Vega pp.459,

493, 504; 1391p.51; Girard Foss.p.II; Eiben, 1371; Bréb.Verm.p.9; Sm.

Sp.T.73; Flögel, Baltic; Fortm.Cey.p.9; Pet.Cat.p.13; O'M.Kerg.: Lagr.

1376p.56; Italy: V.H.S.p.132-29fI-3; T.245, 246; M.T.P.2-4-13;

Brun & T.p.70; Perag.p.53; Villef.p.37; Wolle pl.33fI2-14; 22, 23; A.

M.M.J.1391p.1fI10; Pant.2p.59; Del.Syll.p.444: S.B.D.Ip.22-3f34;

(C. Auristica, costata, pennata, speciosa, transversalis, Japonica, paniformis

" var." b" Stauron, S.B.D.Ip.32-30f34b; ostr. 1391p.22: Pet. Cat. p.1359; vide var. St.

" var." g" Roper, -M.J.1353p.24-3f9: Cl. Nav. 2p.170: (C. & Orthonais binotata.) P. Ref. Mar.

" v. ampliata, Grun.-V.H.S.pl.29f4, 5; Cl. Nav. 2p.170: (C. dimidiata)

+ Egg of Scutellaria

> recurva, a.s., atlas 196 f 31, 32; - (C. Let.)

> Richalti, a.s., atlas 196 f 37; Cl. - Har. 2 p. 197; - (C. Let.)

> reticulata, Cl. Har. 2 p. 180 - 3 f 6, 7.

> riparia, Br. - atlas 190 f 33, 34.

> rivatis, a.s., atlas 194 f 4; Cl. Har. 2 p. 197;

> Schleinitzi, a.s., atlas 190 f 45, 46; Cl. - Har. 2 p. 197;

> scutelliformis, forma minuta, Cl. - atlas 192 f 57;

> scutellum, atlas 190 f 11, 17-21; 191 f 40-43, 54; 192 f 6-10, 33, 52;
Cl. Har. 2 p. 197; Westw. 1897 p. 327; C. Let.

> " var. a.s., atlas 190 f 23; 191 f 15, 19 f 16

" forma parva, B. H. Spl. 24 f 83; { C. Let. - Har. 2 p. 197;
C. Let. - Har. 2 p. 197;

- v. Balajickiana, Grun.-Obit. 1833p.324; Part.2p.59; Det.Syll.p.446;
(Cocconeis B.) *Cl. Nav. 2p. 171: {C. Harrietae + morisoni; C. Pithou}*
- v. Brasiliensis, Grun.-Piccone, Pisani p.16: Notar. 1836p.255;
Det.Syll.p.446;
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- v. Doljensis, Part. 1p.32-13f131; Notar. 1833p.463; Det.S.p.446; *cl. Nav. 2p. 171*
- v. fossilis, Part. 2p.59; Det.S.p.446; -(C. fossilis)---
- v. major, Grun. 1863p.12; Det.S.p.445; (Var. Mediterr.)
- v. Mediterranea, Rabh. E.D.p.101; R. Alg. 393; Perag. p.53;
(C.M. & Adriatica.)---- *Petit, Cap Horn*
- v. minuta, Grun. 1863p.12; Det.Syll.p.446; *Atlas 193f 21-23*;
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- v. minutissima, Grun. 1834p.3-1f1; V. A.S. pl. 29f12; *Cl. Nav. 2p. 170*;
- v. orbicularis, Breb. Verm. p.9;
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(C. Peruviana; -Raphoneis marginata.)-- *Cl. Nav. 2p. 171*
- v. punctata, Lobarzewski. -Rabh. E.D.p.101; (Cocconeis f.)-
- v. stationeiformis, *W. S. B. O.* -M.O. 1853pl. 3f16; Grun. 1863p.12; R.E.D.p.
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- v. sparsi-punctata, Brun & T. p.70;
- SIGMOIDEA, Schum. 1867p.54-1f14; Det.S.p.456; -(C. pediculus)
- + SIGMO-RADIATA, Brun & T. p.33-3f4; Det.Syll.p.146; *Atlas 198f 10, 113 + 196f 11*;
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- SPARSI-RADIATA, Brun, 1891p.13-13f8; -(C. dimorpha, var.)
- SPECIOSA, Greg. -M.O. 1855p.39-4f3; S.B. 2. 24. 102;
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- v. crucifera, Brun & T. p.70;
- v. lucida, Brun & T. p.70;
- STELLA, E. -Mik. p.273; Det.Syll.p.464;
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- STRIATA, E. -Mik. pl. 3-1f30; M. pl. 5-2f22; 13-2f16; 14f41; 15A, f55;
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- STRIOLATA, Rabh. S.D. 1. 23-10f3; Prit. p.366; R.E.D. p.99; Gallia, Pajar;
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- > "v. dilatata A.S., Atlas 190 f 23, 24: - (C. ~~ambigua~~)
- > "v. dubia Gr. - Cl. Nav. 2 p. 171. (C. ~~ambigua~~)
- > "v. gemmata, A.S., Atlas 190 f 23, 24: - (C. ~~ambigua~~)
- > "v. Californica Gr. - Cl. Nav. 2 p. 171: - (C. ~~ambigua~~, r.)
- > "v. ~~novae-grae~~ Gr. - Cl. Nav. 2 p. 171. (C. ~~ambigua~~ - C. ~~ambigua~~ - C. ~~ambigua~~)
- > "v. minor, Heisef. - Atlas 190 f 22: - (= ~~ambigua~~)
- > "v. ~~Rai~~ Pl. - Cl. Nav. 2 p. 171: (C. ~~ambigua~~)
- + "v. Stenocarpus A.S. - Atlas 190 f 22: - (C. ~~ambigua~~)

> semipolita - A.S., Atlas 192 f 18: Cl. Nav. 2 p. 199

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" var. cineta, Rabh.E.D.p.99: *K.S.A.p.890*
" v.laevis, Rabh.E.D.p.99: *K.S.A.p.890*
" v.striata, Rabh.E.D.p.99: *K.S.A.p.890*
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- BOULEUM, Lagr.-Cl. & M. No. 59; (Cymbella variabilis, v.)-
- BREVI, Nag. -K.S.A.p.390; R.S.D.p.25; Prit.p.373; -(C. lanceolatum.)--
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- + CISTULA, Emprich, 1323; E. Inf. p. 224-19f7; Mg. pls. 7-3a, f34; 7-3b, f13;
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& Leud.: Class. f13; Scoetra; M.T.P. 2-4-2; T.M.S. 1377pl. 137f13; Cl.
& M. 3I; Kinnora; Atlas 10f1-4, 24-26; 72f15-17; Pet. 1333pl. 4f22;
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- " var., A.S., Atlas 70f20;
- " v. maculata, K.-Atlas 71f2I, 22; Grun. 1334p.45-1f3; -(C. & Cymbella m.)
- " v. Sibirica, Grun.-Cl. 1330p.25-1f11; -(Cymbella c. var. S.)
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13; Class. f13; Pet. 1333; Italy; Scoetra; T.M.S. 1377pl. 137f13; Sm. Sp.
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Cassel; Hoffmann, Marburg; Q.J.M.S. 1372p.422; Malaisie;
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Frust. gastroides & c.: -Gomphonema simplex.)-
- DIANA, E., Abh.Ber. 1342p.333; Mg. pls. 15A, f100a; (Cymbella.)

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- ELECTRI, Schum. 1862p. 132+3f25: 8x
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 D.p.35; Carr.p.100; Mull: Schum.4.T.p.55; Roper, Thames; Sm.Sp.7.37:
 Atlas IOFI4,15; A.J.M.1373p.103; Petit & Leau.; Kinnora; Dannf.p.21;
 Grun.1334p.45-1f9; A.M.S.1336p.1.1f4; Delogne; Perag.p.55; Wille pl.
 3f3,9: -(C.hungaricum, pachycephala & cymbiforme, v.: -Cymbella.)---
 " var., Cl.x M.No.35;
 SAXONICUM, Rabh.S.D.p.24-IOFII; Prit.p.373: (C.gibbum.)
 SCOTICUM, Brun.-M.T.P.3-2-13: (Cymbella.)-
 STOMATOPHORUM, Grun.-Cl.1330p.23; Cl.x M.33; M.T.P.2-4-21; A.J.M.
 1377p.151: (Cymbella s.x tumida.)
 " var.borealis, Grun.-Cl.1330p.23:
 " v.fossilis, Grun.-Cl.1330p.23:
 " v.genuina, Grun.-Cl.1330p.23:
 " var.gibba, Grun.-Cl.1330p.23:
 STUXBERGII, Cl.1330p.13-1f10:
 SUBTILE, E.-Mik.p.103; Det.Syll.p.363:
 TUMIDUM, Bréb.-W.S.A.p.60; R.S.D.p.24; Westendorp, G.: Marissal; Prit.
 p.373; Grun.1333p.13; R.E.D.p.31; Sylander, n.: Bellac, Lichen;
 Perag.p.55: (Cymbella.)
 " v.pachycephala, Rabh.Alg.1107: R.E.D.p.31;
 UNCINATUM, E.-Abh.Ber.1370p.53,pl.2-1f23; Det.Syll.p.367;
 UTRICULUS, Beitr.1332p.39; Det.Syll.p.363:
 VARIABILE, Rabh.Alg.Eur.No.1243: *>crancer.*- (Cymbella.)-
 VENTRICOSUM, Hassall Alg.p.427-IOFI4: (C.gibbum.)----

+ acumillaris, Treberthaler Archiv, Vol. 1 p. 139;

> attenuata, Mart. - (Frag. pect., Cg.) ~

> clandestina, Bory, Mem. Mus. - (Frag. pect.) - vide Ag. Syst. sub 7. pect. }

> dissiliens, Eng. Bot. pl. 2464: - (Diatoma Smerthii.)

> inflata, Roth. - iq. consp. 65: - (Mel. monil.)

glauca, Dill. pl. 288 "C." -

- , Pfitzer p. 50: ---, Tanaruk 13791.33;
 AMERICANUM, K.S.A.p.105; Prit. p. 927; Det. Syll. p. 273: (Nannema.)-
 AMPHIOXYS, K.S.A.p.105; Prit. p. 927-12f55-57; Det. S.p. 273: -(Nannema.)-
 BULLOSUM, Flor.-Mazz.p.1-1f1-5; Det. Syll. p. 273:
 DUBIUM, Gran. 1330p.571-5f13; Haw. Vol. 7, p. 7; Det. S.p. 273:
 EXILE, Gran. 1330p.571-5f13; Haw. Vol. 7, p. 7; Det. Syll. p. 273:
 EXIMIUM, Thwaites. V.S.A.p. 391; R.S.D.p. 51;
 S.B.D. 2p. 69-56f330; Prit. p. 926-3f43; Gran. 1330p.573; Carr. p. 115;
 Hall; O.M.I.D.p. 330; Sm. Sp. 7.33; N. & R.S.p. 71:
 (Encyonema & Gloionema sigmoidum; -Endosigma; -Schizonema; -
 Pleurosigma acuminatum, e., & obtusatum; ~~Depressigma~~
 HIBERNICUM, O.M.-M.O. 1373p.417; Just's Jahresb. Zeit. 1373p.371;
 Det. Syll. p. 273:
 LACINIOSUM, K.S.A.p. 105; R.S.D.p. 51; Prit. p. 926; V. I.S.p. 111: T. 10.
 155; Lake Michigan; Det. S.p. 275:
 (C. siliolatum; -Encyonema unguis; -Schizonema; ~~Depressigma~~
 NEGLECTUM, Thw. S.B.D. 2p. 70-56f352;
 Prit. p. 926-3f47; Gran. 1332p.572-5f17; New Zealand; Carr. p. 115; Sm.
 Sp. 7.37; Hall; O.M.I.D.p. 331-29f13; ~~Depressigma~~ (Schizonema.) ---
 SUBCOMAERENS, Thw. S.B.D. 2p. 70-56f353; Prit. p.
 926; Carr. p. 115; Gran. 1330p.572; M.T.P. 3-4-21: Cl. & V. No. 103; Sm. Sp.
 7.32; Carr. p. 115; Hall; O.M.I.D.p. 331-29f13; (C. siliolatum; -Schizonema.)
 SUBFLEXILE, (Schizonema.) ---
 SULLIVANTII, H.L.Sm.-T.M.S. 1330p.35: (C. viridulum.) ---
 THWAITESII, W.S.-Gran., in V.M.S. (Schizonema.) ---
 VIRIDULUM, Breb.-K.S.A.p. 105; R.S.D.p. 51; Rab. Alg. No. 323; Prit. p. 926;
 Bleisid, 1335; R.S.D.p. 235, 133; Prollis p. 67; S. Sp. T. 33; V. I.S.p.
 1377p. 102: (C. Sullivantia; -Nav. rhomboides; ~~Vanderhoekia~~.) ----
 VULGARE, Thw. S.B.D. 2p. 70-56f351; Prit. p.
 926; Gran. 1330p.572: 1335p. 12-2f15; New Zealand; Carr. p. 115; Hall;
 Sm. Sp. 7.39; O.M.I.D.p. 331; Tanaruk 13791.33, 113a: M.T.P. 3-4-10;
 Wallis 11. 2133: ~~trivulgare~~ -
 (Frustulia Saxonica; -Nav. vulgare & apolina; -Schiz.: -VanHeurckia.) ---

CONSERVA. ----- (Muller, 1783.)

- ATANEOSA, Mohr. (Schizonema.) ---
 - ~~AMPHIBILLIS~~, Miller, Nova Acta 131. 1315 1. 34-3f6, 7: ~~(Schizonema)~~
 - ~~ATANEOSA~~, English Bot. taf. 1732; Dillwyn 1. 52: S. D. 1. 133. 1. 133.
 (Bacillaria quinquies-loc.: -Dillwyn.) --- ~~Bacillaria quinquies-loc.~~
 BRONCHIALIS, Roth, Cat., Vol. II. 136; Flor. Germ. Vol. 3p. 520, No. 50;
 J.Q.C. 133p. 3: ~~Bacillaria~~ (Bacillaria & Bacillaria) ---
 COMOIDES, English Bot. taf. 1700: ~~Dillwyn, pl. 27:~~ (Schizonema. ~~C. 27~~)
 FASCIATA, Dillwyn pl. "B": J.Q.C. 133p. 4-3f5;
 (Lysigonium & Melosira varians.) ---
 FLOCCULOSA, Dillwyn Conf. pl. 2f2, C, 2: ~~Flora~~ ~~149711~~ > Roth,
 Cat. Vol. II. 102-5f6; Flora Germ. Vol. 3p. 523; J.Q.C. 133p. 4-3f5;
 (Bacillaria pectinatis; -Bacillaria; -Bacillaria.) --- ~~Bacillaria~~
 GLABRA, Dillwyn Conf. pl. 104; Eng. Alg. exs. 3a. VII, 133: S. D. 1. 133. 1.
 3: (Bacillaria & Schiz. bacillaris; -Bacillaria & Bacillaria; -Dillwyn.) ---

> lucens, Thore. :- { Frag. peat. of aq. Syst }

moniliformis, Hebert Mohr Arch. p. 1-5 f 5:

nummuloides, of Diet. = Mel. discyera :-
" fr. B. = " nummul. -

> rhomboidalis, Sony Mem. Mus. :- (Diat. flocculosa.)

reticulans, ? Frontispiece in Roth Catalog, vol. 2 p. 179 :- (Amphipleura)
Jung. & Ex. Dec. 1, No. 3: Schiz. ret.

- FRAGILIS, Roth, Cat. Vol. 2p. 203; *Ag. Syst. p. 86; Cons. p. 65*; (Melosira.)
 HYEMALIS, Roth Cat. Vol. 2p. 205; Dillwyn Suppl.: Ag. Syst. p. 36; Disp.
 p. 28; Synop. p. 73; (Lysigonium & Melosira varians.)---
 INFLEXA, Roth, Cat. *Vide Heber & M.* --- (Melosira *moniliformis*.)
 LINEATA, Jurg. Alg. Exs. No. 70; Dillwyn Suppl. pl. "B": Lyngbye Tent. pl.
 63f "B": J. Q. C. I333p. 4-6f4;
 (Lysigonium & Mel. Jurgensii; -Melosira subflexilis; -Lysig. moniliforme)
 MONILIFORMIS, Muller. -Nov. Act. Holm. p. 30-3f1-5; Jurg. Alg. Exs. No. 7: Ag.
 Fl. Danm. pl. I543f1: -(Lysigonium; -Melosira m. & nummuloides.)-
 NUMMULOIDES, Dillwyn Conf. p. 43, taf. I5; Engl. Bot. taf. *2767*; Ag. Fl. Danm.
 taf. I543f1; J. Q. C. I333p. 4-6f5; -(Lysigonium moniliforme; -Melosira.)---
 OBLIQUATA, ^{*Dillwyn*} Bory Encycl.: Engl. Bot. taf. I339; J. Q. C. I333p. 3:
 (Diatoma & Grammatophora marina; -Isthmia o. & nervosa.)---
 ORICHALCEA, Watters. -On the Algae Exsic. *1022*; Ag. Syst. p. 30: -(Mel.)--
 PECTINALIS, Dillwyn Conf. taf. 24; Muller, Nov. Act. Holm. p. 91: Acta Petropol.
 p. 3-1f4; *87*; Engl. Bot. taf. I611; Grossbritt Conf. Weber & Mohr, p. 47 taf.
 24, 28, Heft 3: J. Q. C. I333p. 2-6f1:
 (Bacillaria; -Himantidium; -Eunotia; ~~Fraxiliana~~)
 PENNULATA, Muller Encycl. pl. I9f5: (Synedra.)---
 STIPITATA, Engl. Bot. taf. 2433: *K. Syn. p. 4*; - (Achnanthes longipes.)-
 STRIATULA, Engl. Bot. taf. I923; J. Q. C. I333p. I: -(Rhabdonema arcuatum.)---
 SUBDIVISA, Engl. Bot. taf. I923: Ag. Cons. p. 22: *Roth, Cat. Vol. 3p. 287*;
 TALENIFORMIS, Ag. Cons. p. 34; *Engl. Bot. taf. I333*; J. Q. C. I333p. 3 (Diatoma)
Jurg. Alg. Exs. Dec. 6, No. 8: = Diat. marimum.

CORETHRON.-----(*Castr.*, 1887.)-

- , Castr. I337p. 36-15f7; 2If6;
 COMETA, Bran, I39Ip. 20-2If10: Del. Syll. p. I007:
 CRIOPHILUM, Castr. I337p. 35-2If14; Notar. I339p. 749; Del. S. p. I006:
 " var., Castr. I337p. 35-2If12, 15;
 HISPIDUM, Castr. I337p. 35-2If13, 5; Notar. I339p. 750; Del. S. p. I006;
 (Actiniscus pennatus.)--
 MURRAYANUM, Castr. I337p. 35-2If4; Notar. I339p. 750: Del. S. p. I006;
 PELAGICUM, Bran, I39Ip. 26-19f3; Del. Syll. p. I006:

CORINNA.-----(*Heib.*, 1862.)-

- ELEGANS, Heiberg p. 53-3f3; R. E. D. p. 314; London Clay; J. Q. C. I370p. I02-
 3f1-5; Atlas I43f54, 55; I44f2, 4; M. L. P. 4-3-3: (Memnialis.)-

CORONIA.-----(*Ehr.*, 1841.)-

- ECHENEIS, E. -Abh. Ber. I34Ip. II: (Campylodiscus.)--

COSCINODISCUS.-(*Ehr.*, 1838.)-

- , *Muscl. A. S. C. p. 473*;
 --, L. D. No. I5, pl. 4f1-6;
 --, E. Mik. pl. 59-3f20;
 --, Amer. Nat. I363p. 510-13f24;
 --, Girard Foss. p. 9-2f6, 22;
 --, J. R. M. S. I390p. 426-7f1, 2;
 --, *Platt. p. 127*;
 --, E. Mik. pl. 33A-3f101;
 --, *Pant. 21. -2-1344*;
 --, A. Schm. N. D. p. -3f42;
 --, *Perag. Villef. p. 77-2f14*;

----- J.R.M.S. 1890p. 425-7.

- , E., Abh. Ber. 1370pl. I^b, f20---C. aenariis, var. --, Atlas 148f4, 9;
 --, Witt 1333p. I4-2f23: --, Atlas 57f1-(C. dimorphus.)
 --, Atlas 57f2--C. illinoensis: --, Atlas 57f3-C. illinoensis, v. minor.
 --, Atlas 57f33, 45: --, Atlas 53f12, 44:
 --, Atlas 59f4, II: --, Atlas 59f9--C. minor.
 --, Atlas 52f1, 2, 9: --, Atlas 55f17--C. heteromorphus.
 --, Atlas 55f13--C. aphasos. --, Atlas 133f3, 10, 14, 17-19:

ACTINOCHILUS, A. S. - Abh. Ber. 1341, 230; Phil. 1. 33A-2f1; M.S. 1. 12; Rattray Review Cosc. p. 574; *Phyl. 1. 33A-2f1* (Craspediscus.) ---

ACTINOCYCLOIDES, Pant. 1p. 71-9f1/2; 2, p. 113: (C. Rothii, var.) -

ACTINOCYCLOS, E. - Phil. 1. 123; Abh. Ber. 1372p. 201; Rattr. Rev. 1. 500;

Det. Syll. p. 1306:

ACTINOPTYCLUS, A.M. Edwards. (A'cyclis. bironarius.) ---

ACTINOSUS, Grove Mss.; Rattr. Rev. p. 503-2f7; Det. S. p. 1240;

AEGLIUS, A.S., Atlas 113f13, 14; Rattr. Rev. 1. 139; Det. S. p. 1223;

AETHES, Rattray, Rev. p. 569-2f3; Det. S. p. 1232;

AETHIUS, Jan. - Gaz. pl. 302; Atlas 59f21, 23; Cl. & M. Nos. 1474; Rattr. Rev. p. 534; Det. S. p. 1253;

* v. Wallichiana, Grun. - Rattr. Rev. p. 534-2f4; Cl. & M. Nos. 133, 207;

Det. Syll. p. 1253: -(C. Af., var. rotunda.)

* v. rotunda, Castr. 1337p. 159-24f3: (Var. *Wallichiana*.)

AGAPETOS, Rattr. Rev. p. 573; Atlas 113f13; Det. S. p. 1233: -(C. nitidus, v.

ANPELUS, E. - Abh. Ber. 1372p. 202; Rattr. Rev. 1. 500; Det. S. p. 1223;

ANASTOMOSANS, Grun. 1334p. 23; Rattr. Rev. p. 455; Det. Syll. p. 1204;

(C. oculis-iridis, abnormalis.)

ANASTOMOSANS, Pant. 3p. - 23f4II: Det. S. p. 1305;

ANGULATUS, Grev. - T.M.S. 1334p. 9-2fII; Girard Moss. pp. 9, 14-1f9; pl. 4;

Atlas 57f32; Grun. 1334p. 31; J.Q.C. 1337p. 39; Rattr. Rev. p. 501;

Det. Syll. p. 1206:

ANGUSTE-LINEATUS, Jan., Gaz. pl. 3f6; Atlas 59f34; Rattr. Rev. p. 474;

Det. Syll. p. 1213: *Gestrup 1877p. 344*: (C. lineatus, v. tenera.) ---

ANNULATUS, Grun. 1334p. 22-5f57; Rattr. Rev. p. 562; Det. S. p. 1277;

ANTARCTICUS, Grun. 1334p. 32-4f23; Atlas 59f13, 19; Rattr. Rev. p. 500;

Det. Syll. p. 1241: (C. subglobosus, var. Ant.) -

ANTARCTICUS, Castr. 1337p. 157-12f10; Polar. 1339p. 75;

Det. Syll. p. 1203: (C. impositus.) ---

ANTIDROMIUS, Rattr. Rev. p. 435; Det. Syll. p. 1207;

ANTIMIMOS, Cl. & M. 257; Rattr. Rev. p. 451-2fII: Det. S. p. 1204;

ANTIQUUS, Grun. 1334p. 32-4f24; Rattr. Rev. p. 435; Det. S. p. 1207;

(C. concavus, p. 1.) --

APAGES, Rattr. Rev. p. 575; Det. S. p. 1236: -(Cosmodiscus Normannicus, Grev.

APHRASTOS, A.S., Atlas 55f13; Rattr. Rev. p. 459; Det. S. p. 1216;

APICULATUS, E. - Abh. Ber. 1341, 23; Phil. 1. 134f3; M.S. 1. 12; Rattr. Rev.

Pl. 2434; Phil. 1. 329; Atlas 59f5-10; Cl. & M. 134, 213; Grun. 1334p. 23;

Pant. 1p. 70-15f129; 2, p. 117; Rattr. Rev. p. 570; wolle pls. 33f9; 94f10;

Det. S. p. 1232: (C. oculis-iridis.) ---

+ asternophalus, Trans. Middlesex Club N. H. S. 1889, pl. 1 of 3.

- * *V. ambigua*, Grin. 1334p.25:-(*C. apiculat.* v. *woodwardii*
 * *v. maxima*, Grin. 1334p.24; Rattr. Rev. p. 571; Det. Syll. p. 1233:
 * *v. woodwardii*, Eul. -Rattr. Rev. p. 571:-(Det. S. p. 1233: -(
 (*C. perforatus*, p. p.: -*C. woodwardii*, Eul.: -*C. apiculat.*, v. *ambigua*.)--
 APICULIFER, Rattr. Rev. p. 591; Det. S. p. 1297: (*C. armatus*, Pant.)---
 APOLLINIS, E. -Abl. Ber. 1344p.200; Mg. p. 1. 35A-2204; V. S. p. 1. 124; Pl. p. 1. 329; Rattr. Rev. p. 573; Det. S. p. 1239: (*C. scintillans*, p. p.)
 * *v. compacta*, Rattr. Rev. p. 579; Det. S. p. 1239: (*C. scintillans*, p. p.)
 ARAURENSIS, J. P. -J. S. P. S. 1377p.43; Rattr. Rev. p. 551: (*C. janssenii*, v.)
 * var., Cast. 1337p.150-212; Det. S. p. 1301:-(*C. janssenii*, p. p.)
 ARGUS, E. -Abl. Ber. 1333p.154; 1344p.79; Mg. p. 1s. 21f2: 22f5, 8; V. S. p. 1. 34; A. S. S. 1342p.93; V. S. p. 1. 101; V. S. p. 1. 120; Pl. p. 1. 339; R. p. 1. 34; Eiben, 1371: Italy: Atlas 51f13; 113f7; Grin. 1334p.20; J. O. C. 1335p.175; Atlantic City; Rattr. Rev. p. 527; Pant. p. 1. 117; A. S. S. 1341p.12141; Det. S. p. 1253:
 (*C. irradiatus* & *radiatus*; -*C. woodwardii*, A. S. -*C. heteroporus*.)---
 * *v. subtransiens*, Rattr. Rev. p. 523-1f20; Atlas 143f2; Wille p. 1. 31f3; Det. Syll. p. 1254;
 ARMATUS, Grev. -T. M. S. 1331p.42-4f5; Pant. p. 74-10f90; 2, p. 1. 120; Rattr. Rev. p. 575; Wille p. 1. 33f2; Det. S. p. 1233: (*C. apiculifer*, p. p.)-
 * var., A. S., Atlas 57f4:-(*C. armatus*; -*Cosmoidiscus*.)---
 ASONUMAE, Pant. p. 1. 15f221; Det. S. p. 1305: (*C. bulliens*.)--
 ASPERULUS, Grin. 1334p.21; Rattr. Rev. p. 519; Det. S. p. 1243;
 ASTEROIDES, Witt 1333p.13-3f2; Brun & T. p. 70; Rattr. Rev. p. 572; Det. Syll. p. 1250;
 ASTEROPHYLLOS, E. -Abl. Ber. 1344p.77; Mg. p. 1s. 134f2, 6; 35-1317; V. S. p. 1. 124; Pl. p. 1. 323; Atlas 55f5, 12; 113f23; Jan. Cat. p. 1. 419; V. S. p. 1. 503; Grin. 1334p.20; J. O. C. 1335p.175; 1337p.120; Atlantic City; Pant. p. 1. 71; 2, p. 1. 113; Malaisie; Brun & T. p. 70; Rattr. Rev. p. 549; Cl. 1391 p. 63; Wille p. 1. 37f4; Det. S. p. 1263: *Hestrop 1897* (C. aster., v. *conspicua*; -*C. radiatus*, v.) *Comp. 1897 p. 1. 3 p. 1. 10 f. 11*
 * *v. biangulata*, Rattr. Rev. p. 549: *Comp. 1897 p. 1. 3 p. 1. 10 f. 11* (*Cosc. b.*)--
 * *v. Brightwellioides*, Grin. 1334p.20; Pant. p. 71-17f153; Rattr. Rev. p. 550; Det. S. p. 1269;
 * *v. centralis*, E. -Grin., 1334p.27: (*C. centralis*.)--
 * *v. conspicua*, Grin. 1334p.23; V. S. p. 1. 10011, 2, 3, 5: (*Cosc. c.*)--
 * *v. eximia*, Grin. 1334p.20; Rattr. Rev. p. 549; Atlas 51f12; Det. Syll. p. 1269: J. Q. C. 1865p.175:
 * *v. genuina*, Grin. 1334p.23: (*Cosc. g.*)---
 * *v. hyalina*, A. S., Atlas 50f1; 113f22; Grin. 1334p.27-219; Rattr. Rev. p. 551; Det. S. p. 1269; *Hestrop 1897 p. 1. 3 p. 1. 10 f. 11*
 * *v. maculata*, Grin. 1334p.23; Rattr. Rev. p. 551; Det. S. p. 1269;
 * *v. onchalantha*, Grin. 1334p.20; Rattr. Rev. p. 549; Det. S. p. 1269:-(*Coscinouiscus o.*)
 * *v. Pabellaria*, Grin. 1334p.27; V. S. p. 1. 12315; Rattr. Rev. p. 551; Det. Syll. p. 1269; -*C. Cosc. a., var. Pabellaria.*
 * *v. princeps*, Grin. 1334p.23; V. S. p. 1. 12311-3; Rattr. Rev. p. 551; Det. S. p. 1269;

+ bathyomphalus, Oestrup 1897 p. 345

> Tractea, Br. - L. D. 2, N. 22 p. 236-24 f 8:

" forma minor, Brun. - L. D. 2 N. 22. p. 236-24 f 9:

" " crassipunctata, Bri. - L. D. 2, N. 22 p. 236-24 f 7:

- " v. pulchra, Grun. I384p.23; Rattr. Rev. p.550; Det. S. p. I239;
 " v. spinuligera, A. S., Atlas 33f3; Grun. I384p.47; (Cosc. s.)--
 ASYMMETRICUS, Grun. I384p.34; Cl. & M. Nos. I34, I55; Det. S. p. I303;
 ATLANTICUS, Casti. I337p. I53-513; Rattr. Rev. p. I73; Notar. I333p. 700;
 Det. Syll. p. I220: *Jan. 1897, p.*
 " v. striatula, Casti. I337p. I53-513; Rattr. Rev. p. 473; Det. S. p. I11;
 AULISCUS, K. S. A. p. I23; Rattr. Rev. p. 590; Det. S. p. I304:-(*Actinocyclus*.)---
 AUSTRALIANUS, Grun. I384p.34-4f31,32; (C. l. a. s. v. l.)--
 BAILEYI, Sm.-Rattr. Rev. p.521; Det. S. p. I250; (Cosc. s.)--
 BALDWINIANUS, Grun.-V. A. T., series 22, No. : Bot. Cbdt. I333p.324;
 Det. S. p. I209;
 BALTICUS, Grun., in Cl. Coll.: Cl. I391p.33: *Cl. 1897p. 12, 100*
 BARBADENSIS, Grev.-T. M. S. I36Ip.43-4f9; Grun. I384p.39; Rattr. Rev. p.
 504; Det. S. p. I233;
 BARK LEYI & Coates, J. R. M. S. I36Ip. I. I33: Det. S. p. I304: (A'eyclus.)-
 BATHYOMPHALUS, Cl., Vega p.439-33f3I; Rattr. Rev. p.537; Det. S. p. I295;
 " v. wankaremensis, Rattr. Rev. p.533; Cl. Vega p. I.33f3Ib;
 BENGALENSIS, Grun., V. H. S. p. I.32f9; Rattr. Rev. p.530; Det. S. p. I290;
 BIANGULATUS, A. S., Atlas 33fI3; Wollé p. I.33fI; Rattr. Rev. p.543;
 Det. Syll. p. I263: (Cosc. s., var.)---
 BIFRONS, Casti. I337p. I53-2fI; Rattr. Rev. p.601; Det. Syll. p. I303;
 (Actinocyclus b.)--
 BIHARENSIS, Pant. Ip. 7I-I4fII9; I3fI39; Rattr. Rev. p.590; Notar. I333p.
 313; Det. S. p. I296;
 BIOCULATUS, Grun.-Cl. & M. 3I4; Vega p.433; Grun. I384p.30,53-4fI;
 3f30; Rattr. Rev. p.434; Det. Syll. p. I225;
 " v. exigua, Grun. I384p.30,53-4f2; Rattr. Rev. p.434; Det. S. p. I225;
 BIPARTITUS, A. S., Atlas 59f35; Rattr. Rev. p.472; Det. S. p. I213;
 BIPLICATUS, Grun.-V. H. S. p. I.32f6; Rattr. Rev. p.530; Det. S. p. I290;
 BIRADIATUS, Grev.-T. M. S. I36Ip.42-4f7; Atlas 53f2; Rattr. Rev. p.539;
 Malaisie; Det. Syll. p. I231: = *C. elegans, var.*
 BISCULEPTUS, A. S., Atlas 59fI4; Rattr. Rev. p.471: (C. labyrinthus, v.)--
 Det. Syll. p. I213;
 BISINUATUS, Grun.-Atlas 33fI4, I5; Grun. I384p.25; Rattr. Rev. p.552;
 Det. S. p. I270;
 BLANDUS, A. S., Atlas 59f35-37; Rattr. R. p.472; Malaisie; Det. S. p. I213;
 BOECKHII, Pant. 2, p. II7: 3p. -35f497; Det. S. p. I263;
 BOLIVIENSIS, Grun. I384p.24; V. H. S. p. I.32f4; Rattr. Rev. p.541;
 Det. Syll. p. I262: (C. woodwardii, p. p.)--
 " v. spinulosa, Grun. I384p.24; Rattr. Rev. p.541; Det. S. p. I262;
 (Cosc. Bol., of H. V. H.)---
 BOREALIS, E. - ~~Det.~~ I35Ip.294: (C. radiatus, v. glauclatus.)---
 BOREALIS, Bail.-A. S. S. I35Ip.3; Pril. p.323; St. Sp. p.90; Atlas 33fII;
 Brun & T. p.70; St. Sp. p. sub Nos. 90,92,93; Rattr. Rev. p.533; Wollé p.
 37fI; Det. S. p. I274;
 (C. oc.-iridis, v.: -C. omphalanthus, v.: -C. radiatus, v.)---
 BOULEI, Perap.-Les Diats. de Franc. series I: Det. S. p. I303;
 BRELIANUS, Pant. 21. I17-I3I223; Det. S. p. I213;

- BRIGITHELLIOLUS, Part. 3. p. 234 f10; Del. Syll. p. 1233;
 BULLATUS, Jan. Gaz. pl. 6 f12; Rattr. Rev. p. 462: (C. planiscala.) ---
 BULLIENS, A.S., Atlas 5 f11, 12; Grun. I 334 p. 20; Rattr. Rev. p. 519; Pant.
 Ip. 70-I 7 f14; 2, p. 117: Del. Syll. p. 1243; Cl. & M. 172: (C. bulliens.) ---
 CALIFORNICUS, O'M. Mss.: Rattr. Rev. p. 546; Woll. pl. 103 f7: -(C. gigas, v.)
 CAPENSIS, Grun. I 334 p. 34-4 f29; Rattr. Rev. p. 464; Del. S. p. 1224: (C. capensis.) ---
 CARAIBICUS, Wit. I 333 p. 13-2 f2; Rattr. Rev. p. 507: (C. diversus.) ---
 " v. completa, Rattray Rev. p. 508:
 CASPIUS, E.-Abh. Ber. I 372 p. 179-12 f14: (C. radiatus.) ---
 CENTRALIS, E.-Abh. Ber. I 338 p. 129; I 344 p. 73; Mg. pls. 13 f39; 2 f13; 22 f1;
 F.B. p. 131; K.S.A. p. 122; Grun. D.C. p. 29-3 f49; Weiss. I 334 p. 21-1 f1;
 Gu. p. 360-1 f16; I 367 p. 122-1 f13; Breb. D.C.: Q.O.M.S. I 359 p. 14-2 f13; E.
 Nord. p. 2 f24; Prit. p. 323; Bailey Coll.: Jan. Gu. p. 19-2 b, f4; Girard
 Moss. pp. 9, 14-2 f19; pl. 4; Carr. p. 93; Hill; Breb. Verm. p. 10; Flogel,
 Baltic; O'M. Kerg.: I.D. p. 260-26 f19; Italy: Cl. I 673 p. 5; Nares; Vaga
 p. 433; Cl. & M. Nos. sub 57, I 34, 207, 215; Petit Class. f27; Sn. Sp. T. 91:
 T.M.S. I 377 p. 137 f27; Grun. I 373 p. 26; Fortm. Cey. p. 33; Atlas 50 f12; 53 f
 1: J.R.M.S. I 379 p. 633; V.H.S. pl. 103 f "B"; Malaisia; J.R.C. I 337 pp. 42, 123
 pl. 4 f1; Woll. pls. 37 f6; 94 f12; Rattr. Rev. p. 470; Del. S. p. 555:
 (C. est., var. cent.: -C. conchiformis, p. 1.) --- 610-9 f364
 " forma minor, V.H.T. No. 531: -(C. centralis.) ---
 " var., Cast. I 337 p. 155-2 f3: (C. centralis.)
 " v. micraster, Grun.-Cl. Vega p. 433; Cl. & M. I 72: (C. centralis.)
 CENTRANTHUS, E.-Mik. p. 139; Rattr. Rev. p. 603; Del. S. p. 1306:
 CERVINUS, Ralfs.-Prit. p. 331; O'M. I.D. p. 262: Rattr. Rev. p. 593;
 Del. S. p. 1299: (Hyalodiscus.) ---
 CHALLENGERI, Jan.-Rattr. Rev. p. 603; Cl. & M. 216 sub; Del. S. p. 1307:
 CHAMBONIS, Per. & Her.-Herib. p. 195-5 f20:
 CINCTUS, K.B. p. 131-1 f17; K.S.A. p. 122; Prit. p. 331; Cl. I 330 p. 113;
 Rattr. Rev. p. 452; Del. S. p. 1203: (C. patina, Bailey.) ---
 CINGULATUS, E.-Abh. Ber. I 344 p. 200; Mg. pl. 35 A-2 f6, p. 143; K.S.A. p. 124;
 Prit. p. 329; Rattr. Rev. p. 539; Del. S. p. 1261: -(C. subtilis; -Coscinophacina
 CIRCUMDATUS, A.S., Atlas 59 f3; V.H.S. pl. 13 f4; Rattr. Rev. p. 463:
 Del. Syll. p. 1212;
 CLIVOSUS, Part. I. p. 72-2 f16; 2, p. 119; Rattr. Rev. p. 594; Grun. I 339 p. 314;
 Del. S. p. 1300:
 " v. latefasciata, Pant. Ip. 72-27 f252; Rattr. Rev. p. 595; Del. S. p. 1300:
 CLYPEUS, E.-Mik. pl. 11 f6: (C. symmetricus.) ---
 COCCONEIFORMIS, A.S., Atlas 53 f25, 26, 28; Rattr. Rev. p. 599; Cl. Vega p.
 509; Woll. pl. 94 f4, 5; Del. S. p. 1302:
 " v. brevior, Rattr. Rev. p. 599; Atlas 53 f24; Del. S. p. 1303;
 " v. latior, Rattr. Rev. p. 599; Del. S. p. 1303; Atlas 53 f25;
 " v. tenuior, Rattr. Rev. p. 600; Atlas 53 f27; Del. S. p. 1305;
 COMPLEXUS, Stouffer, in litt., March 1877, cum Photogram.: Rattr. Rev. p.
 503; Del. S. p. 1307:
 COMPOSITUS, Rattr. Rev. p. 513; Atlas 59 f10; Del. Syll. p. 1247;
 COMPTUS, Cast. I 337 p. 157-13 f9; Rattr. Rev. p. 533; Notar. I 333 p. 750;
 Del. Syll. p. 1292:

+ Concinus, Le L. 2, no. 12 pp. 114-118 pl 8 f 1-14: J. M. S. 1884 p. 671-2131:
Oestrup 1897 p. 3. 45: Petit, Cap Horn: Cl. 1897 p. 23:

- [illegible]

- CRUCIATUS, K.B.p.132-23f10; K.S.A.p.125; R.E.D.p.34; Rattr.Rev.p.437;
(Pyxidicula (Dietzopyxis) c. & Hellenica.)---
- CURVATULUS, Grun.-Atlas 57f35, 37; Jan.Gaz.pls.2f7; 5f2, 5, 8; 5f2;
20f17; Sm.Sp.7.99; Cl. Vega p.433; Rattr.Rev.p.433; Del.S.
p.1223: *Enum. / 884 p.30*: (Odonodiscus.)----
- v.Bradensis, Cleve Mss.; Rattr.Rev.p.439;
- v.densius-striata, Grun.-Atlas 57f35: (Cosc.c.)-
- v.frigida, Grun.-Cl.Vega p.433; Rattr.Rev.p.439;
- v.fusca, Grun.-Atlas 57f35, 37; V.L.N.504; Del.S.p.1227; Grun.
1334p.31-4f14; Rattr.Rev.p.437: (Cosc.c.)----
- v.inermis, Grun.1334p.31-4f14, 12; Witt 1335p.23; Atlas 113f3;
Rattr.Rev.p.433; Pant.2, p.113: *Oestrup 1897 p.344*: (Cosc.c.)---
- v.Kariana, Grun.-Cl.1330p.113-7f129; Vega p.433; Grun.1334p.31;
Del.Syll.p.1227: (Odonodiscus c., var.)--
- v.latic-striata, A.S., Atlas 57f30, 34; Rattr.Rev.p.437;
Del.Syll.p.1227;
- v.minor, Grun.1334p.31-4f3, 10; Rattr.Rev.p.437; Del.S.p.1227;
- v.Normandi, Cl.Vega p.433: (Cosc.M.)-----
- v.recta, Jan.Gaz.1f3; 4f4; Rattr.Rev.p.433; Del.Syll.p.1223;
Castr.1337p.159-12f14;
- v.subocellata, Grun., 1334p.31-4f15; Rattr.Rev.p.433; Del.S.p.1223:
(C. lineae.)--
- CYCLOTHERES, Castr.1337p.161-22f3:
- DEBILIS, Grove.-Atlas 143f5; 133f4; Rattr.Rev.p.529-1f4;
Del.Syll.p.1255:
- DEBILIS, Pantoc.2, p.113-26f373; Del.S.p.1270:
- DECIPIENS, Grun.1373p.23-4f13; 1334p.23; Atlas 53f13, 19; V.L.N.41.
9f10; T.No.471; Rattr.Rev.p.464; Del.S.p.1211: (C.minor, 1.1.:-
C.excentricus, v.: C.pectinatus; Orthosira & Melosira angulata.)-
- DECRESCENS, Castr.1337p.159-12f14: (C.minus.)---
- DECRESCENS, Grun.1334p.23; Atlas 51f9; J.D.C.1337p.33; Rattr.Rev.p.
525; Del.S.p.1252; *1337-10*
- v.irregularis, Grun.1334p.23; Rattr.Rev.p.525; Del.S.p.1252;
- v.polaris, Grun.1334p.23-3f11; Rattr.Rev.p.525; Del.S.p.1252;
- v.repleta, Grun.1334p.23-3f13; Witt 1335p.23; Rattr.Rev.p.523;
Del.Syll.p.1252;
- v.vetula, Grun.1331p.23; Atlas 51f13; Rattr.Rev.p.525; Del.S.p.1252; --
- v.venusta, Grun.1334p.23; Rattr.Rev.p.525; Del.S.p.1252:-(C.venusta, 1f)
- DECUSSATUS, Gro. & St.-Rattr.Rev.p.579-1f7; Del.S.p.1253;
- DELAWARENSIS, Grun.-Cl. & M.212; Rattr.Rev.p.503; Del.S.p.1253;
- DELIARIUS, A.S., Atlas 57f19-22; Grun.1331p.19; Cl.Vega p.433; *1334*
Rev.p.504; Wolle pl.112f3; Del.S.p.1233;
(C.subtilis; -C.symmetricus.)-
- v.variolata, Castr.-Rattr.Rev.p.505; Del.S.p.1233:-(Cosc.variolata)
- DENSUS, Gro. & Sturt.-Rattr.Rev.p.592-2f9; Del.Syll.p.1293;
- DENTICULATUS, Castr.1337p.155-3f3; Rattr.Rev.p.531; Notul.1339p.751;
Del.Syll.p.1256;
- DEPRESSUS, Grun. Mss.; Rattr.Rev.p.595; Del.S.p.1300;
- DETRIUS, A.S., Atlas 53f15; (C.patealliformis.)--

> dichotomus, Br. - L.D. 2, no. 22 p. 236-24 f6:

+ iterama, - J.R.C. 1888 p. 308-24 f1-3:

Spallans, Cooke, 1897 p. 150-55 (C. Bullen)

+ ellipticus, Grevillea vol. 1 p. 91-6 f4 a, b;

- DEVIUS, A.S., Atlas 3011-4; V.A.S.pl. 130f3; Cl. & M. 150; Malaisie; Villef.p.73; (C. radiatus, v. minor.)
- DIMORPHUS, Casti. 1337p. 157-17f3; Atlas 57f11; Rattr. Rev. p. 450; Notar. 13391.751; Del. Syll. p. 1201;
- DIOPHIDAMUS, Casti. 1337p. 155-15f1; (C. excavatus, v. minor, 13391.751) --
 " v. monophthalma, Casti. 1337p. 155-15f1; (C. excavatus, v. minor, 13391.751) --
- DIORAMA, A.S., Atlas 3412; Malaisie; Rattr. Rev. p. 542; Witt. 11.3712;
 (C. gigas, var. "a" : -C. Sinensis.) ---
- DIPLOSTICTUS, Grun.-V.A.S.pl. 132f3; Rattr. Rev. p. 579; Del. S. p. 1239;
- DISCIGER, E.-Abh. Ber. 1343p. 73; K.S.A.p. 123; Prit. p. 329; Del. S. p. 1299;
 Rattr. Rev. p. 593;
- DISCOPLA, E.-Mik. p. 123; Rattr. Rev. p. 506; Del. S. p. 1203;
- DISPAR, Perag. & Her.-Herib. p. 194-5f21, 22;
 " v. radiata, Perag. & Her.-Herib. p. 194-5f23, 24;
- DIVERSUS, A.S., Atlas 32f13-15; Grun. 1334p. 20; Rattr. Rev. p. 507;
 Del. Syll. p. 1240; (C. Caribicis & radiatus.)
- " v. completa, Rattr. Rev. p. 503; Del. S. p. 1240;
- DIVISUS, Grun. 1373p. 23; 1334p. 31-4f13; Villef. p. 77; Rattr. Rev. p. 499;
 Del. Syll. p. 1235; (C. convallidis, v.) ---
- " v. arcuata, Grun. 1373p. 23;
- DOLJENSIS, Part. 1p. 72-12f105; Rattr. Rev. p. 503; Notar. 1333p. 6f3;
 Del. Syll. p. 1233;
- DUBIOSUS, Jan. Gaz. 1p. 5f10, 11; Rattr. Rev. p. 529; Cl. & M. No. 134;
 Del. Syll. p. 1255; *Cl. & M. # 164*;
- " v. convallidis, Rattr. Rev. p. 529; Del. S. p. 1251;
- DUBIUS, A.S., Atlas 31f14; Rattr. Rev. p. 533; (C. crassus, var. ?)
- DURIOSEUS, A.S., Atlas 53f3; Rattr. Rev. p. 533; Del. S. p. 1230;
- EHRENBERGII, O'M. I.D. p. 263-26f24; (C. lineatus.) --
- ECHINATUS, A.S., Atlas 53f3, 35; Rattr. Rev. p. 491; Del. S. p. 1234;
- EGREGIUS, A.S., Atlas 57f39; Rattr. Rev. p. 503; Del. S. p. 1247;
- ELEGANS, E.-K.S.A.p. 123; (Craspedodiscus.) --
- ELEGANS, Grev.-T.M.S. 1339p. 3-1f3; Jan. Gaz. 1p. 4f3; Atlas 73f7; 133f10;
 Cl. & M. 134; J.Q.C. 1339p. 175; 1337p. 39; Part. 1p. 73-13f10; 133f10;
 Del. Syll. p. 1293; Part. 2p. 4f54; Grun. & V. p. 70; Rattr. Rev. p. 531;
 Witt. 11.941; Malaisie; (C. crassus, var. ?)
- " v. parvipunctata, Witt. 1333p. 14-2f22; Rattr. Rev. p. 535; Del. S. p. 1293;
- " v. spinifer, Grun. & Stent.-J.Q.C. 1337p. 39-3f9; Atlas 133f1, 10;
 (C. spinifer.)
- ELEGANTULUS, Grev.-T.M.S. 1339p. 42-4f3; Atlas 53f3-5; Rattr. Rev. p. 539; Del. S. p. 1232;
- ELLIPTICUS, Grun. 1334p. 104-1a, f13; Rattr. Rev. p. 533; Del. S. p. 1231;
- ELONGATUS, Grun.-V.A.S.pl. 125f14; Rattr. Rev. p. 584; Del. S. p. 1293;
- ENTOLEION, Grun.-Atlas 114f3; Rattr. Rev. p. 544; Part. 2p. 117;
 Malaisie; Del. S. p. 1235;
- " v. decorata, Grun. 1339p. 21-2f4; Del. Syll. p. 1235;
- EPIPIALES, Rattray, Rev. p. 315-2f11; Del. S. p. 1230;
- EURYOMMA, A.S., Atlas 133f1;

+ exilis, G. —

" var. g. latirostris; Giesbrecht, Funct. Ber. Kommiss. Kiel 1882
p. 87: CL 1897 p. 23: (*Thalassiotheris*; C. ex. var. concolor)

" concatenata, Gran N. & p. 30-3 f 38: (C. ex. - g. lat.)

- EVADENS, A.S., Atlas 57f44; Rattray Rev.p.577; Det.Syll.p.1237;
 " v.parvula, A.S., Atlas 57f45; Rattr.Rev.p.577; Det.S.p.1233;
 EXASPERANS, A.S., Atlas 53f9; Rattr.Rev.p.450; Merib.p.195;
 Det.Syll.p.1201;
 EXCAVATUS, Grev.Mss.: Prit.p.329-3f26; Atlas 65fI: Grun.1334p.2I;
 W.& C.2,p.I; Rattr.Rev.p.523; Wollé pl.90fI; Det.S.p.1251;
 " v.biocellata, Grun.1334p.2I; W.& C.2p.I-5fI2; Det.S.p.1271;
 Rattr.Rev.p.524: (C.diophthalma, v.)--
 " v.deliquescent, Rattr.Rev.p.524-3f7: Det.S.p.1252;
 " v.genuina, Grun.1334p.2I; Rattr.Rev.p.523; Det.Syll.p.1201;
 " v.quadrilocellata, Grun.1334p.2I; W.& C.2p.I-5fII: Det.S.p.1271;
 Rattr.Rev.p.523: (C.diophthalma, v.)--
 " v.semilunaris, Grun.1334p.2I; Rattr.Rev.p.524; Det.S.p.1252;
 (Cosc.excav., var.monoph.)---
 EXCENTRICUS, E., Abh.Ber.1339p.146; Vreid.1340p.33; Amer.p.323pl.I-3f
 20; 3-3f5; Mg.pls.13f32; 2f3; Nord.p. -2fI3; K.B.p.131-I f9; K.S.A.
 p.123; S.B.D.Ip.23-3f33; A.J.S.1353p.I; Mall; Breb.D.C.: Prit.p.330;
 Jan.Gu.p.20-Ia,f7; Ib,fI; 2b,fII; weisse Gu.p. -2fI3; Schum.1367p.
 62; N.& R.S.p.70; R.E.D.p.34; Roper, Thames; Hill; Grun.1333p.23;
 1334p.34-2f7; Cl.1367p.332; 1363p.2I7; 1373p.3; 1373p.I3; Vega p.
 433, 505, 509; Breb.Vern.p.10; Eisen, 1371; St.S.1.93; Schum.N.D.p.95-
 3f33-38; Jan.Gaz.pls.2f3; 6f3, 7-II; Atlas 53f49; Mobile; Lagr.1376p.
 II: Petit Cat.p.33; Nimrod; Italy; Deby Polder p.I3; Bran & T.p.70;
 Atlantic City; V.H.S.p.2I7-130f4-7,3; T.No.530; Witt 1335p.24; Shark
 River; Perag.p.76; Villef.p.76; Malaisie; Flogel, Baltic; Rattr.Rev.
 p.43I; Ann.Sci.321p.1333p.1.2f9; Part.2,p.II3; Wollé pl.90fI; Det.
 Syll.p.1210; Oestrup 1897p.344; Petit, 1897p.63;
 (C. lineatus, v.: -C. minor, p.p.: -Cosc.1334p.32-4f24.)
 " v.antiqua, A.S., Atlas 39fI6; Grun.1334p.32-4f24: (Cosc.a.)-
 " v. decipiens, Grun.1373p.28-4fI3: (Cosc.u.)-
 " v. hyalina, Rattr.Rev.p.464; Det.S.p.1211: -(Eupodiscus excentricus.)-
 " v. micropora, Grun.-Cl. & M. II4; Rattr.Rev.p.433; Det.S.p.1211;
 " v. perpusilla, Grun.1334p.56-4f7; Rattr.Rev.p.433; Det.S.p.1211;
 " v. punctilata, Grun.1334p.52; Rattr.Rev.p.433; Det.S.p.1211;
 " v. sublineata, Bran & T.p.70: (Cosc.a.)-
 " v. marginalis, Schum. 1867p.63; Rattr.Rev.p.434; Det.S.p.1211: (Cosc.a.)-
 " v. zebriensis, Rattr.Rev.p.434; Det.S.p.1211;
 EXIGUUS, A.S., Atlas 53f30; Rattr.Rev.p.573; Det.S.p.1233;
 " v. aequalis, A.S., Atlas 53f31; Rattr.Rev.p.573; Det.Syll.p.1233;
 EXTRAVAGANS, A.S., Atlas 53f33; Rattr.Rev.p.506; Det.S.p.1239;
 EXUTUS, Rattr.Cosc.p.529; Det.Syll.p.1254;
 FALLAX, Schum.1367p.62-3f73: (C. radiatus.)--
 FASCIAIUS, E.-Abh.Ber.1355p.30I; Rattr.Rev.p.609; Det.S.p.1306;
 FASCICULATUS, O'M.-Q.J.M.S.1367p.245-7fI; Schm.N.D.p.95-3f4I; Atlas
 57f9, 10; Petit Cat.p.33; Deby Polder p.I3; Rattr.Rev.p.49I;
 (C. Normanni; -A'ey.13. Rattr.: -1367p.245-7fI; Schm.N.D.p.95-3f4I;
 FEBIGERI, H.L.Sm. ?-(C. excavatus, quadri-oc.)
 FENESTRATUS, E.-Mik.p.130; Rattr.Rev.p.607; Det.S.p.1306;

- RIMBRIATUS, E. - Abh. Ber. 1340p. 206; 1344p. 73; Mik. pl. 22f2; K.S.A.p. 123;
 Prit. p. 329; Eil. Sl. 1. 103; O'M. Kerg.: I. D. p. 264; Atlas 65f3-3; Grun.
 1331. 21; Rattr. Cosc. p. 573; Malaisia; Part. 2, 1. 117; Det. Syll. 1. 1271;
 (C. radiatus, f. p. - Eupod. tessellatus.) ---
 " v. Californica, Grun. 1334. 22; Rattr. Cosc. p. 582; Det. S. p. 1271;
 " v. subradiata, H.V.H.S. pl. 131f2; Rattr. Cosc. p. 553;
 Det. Syll. p. 1271: (C. radiolatus.)
 RIMBRIATUS-LIMBRIATUS, E. - Mik. pl. 1974; Atlas 65f3-3; 11312-7; Part.
 2. 113; Grun. & T. p. 70; W. (C. radiolatus?)
 FLAGRANS, A.S., Atlas 571f3; Rattr. Cosc. p. 573; Det. S. p. 1234;
 FLAVICANS, E. - Abh. Ber. 1341. 18. 1-31f7; 2-31f9; Atl. 32. 1311. 412; Me.
 1. 143, pl. 29-31f9; K.B. p. 131-2313; K.S.A.p. 123; Atlas 1334. 211-117;
 Prit. p. 331; Italy: Floge1, Baltic; Det. S. p. 1304: (Melosira?) -
 FLEXILIS, A.S., Atlas 114f3; Rattr. Cosc. p. 544; Det. S. p. 1234;
 FLORESCENS, Grun. in litt., 1333; Rattr. Cosc. p. 593: (C. polyrhaptos.) --
 FLORIDULUS, A.S., Atlas 1121f3; Rattr. Cosc. p. 559; wolle pl. 91f3;
 Det. Syll. p. 1273;
 FORAMINOSUS, Grev. Mss. w. Brit. Museum Cat.: Rattr. Cosc. p. 479;
 (C. nitidus.) --
 FRAGILISSIMUS, Grun., V.H.S. pl. 123f4; Rattr. Rev. p. 552; Det. S. p. 550;
 (Ethmodiscus convexus.) -
 FULGURALIS, Brun, 1391p. 21-21f3; Det. Syll. p. 1234;
 FUSCUS, Norman. - T.M.S. 1331p. 7-2f3; Rattr. Cosc. p. 501; Det. S. p. 1304;
 (Actinocyclus Ralfsii.) -
 GALLOPAGENSIS, Jan. - J.R.M.S. 1379p. 363-21f3; Rattr. Cosc. p. 574-21f20;
 Atlas 133f2; Det. S. p. 1235: (C. griseus & var.) --
 GAZELLAE, Janisch. - J.R.M.S. 1379p. 333; Rattr. Cosc. p. 540; Det. S. p. 1234;
 (Ethmodiscus gigas, sphaeroidalis, tympanum, wyvilleanus.) -
 GEMMATULUS, Cast. 1337p. 131-17f9; Rattr. Cosc. p. 574; Notar. 13391. 75f;
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 Cast. 1337p. 153; (C. concolor, v. 1-
 2)
 MOSSIANUS, Grun. -1. S. 1355, 23-1f12; Rattr. Cosc. p. 501; Del. S. p. 1204;
 NAVICULA, E.-Abh. Ber. 1372p. 1. 12f15; (C. tradens.) -
 NAVICULOIDES, Witt 1335p. 14-2f10; Rattr. Cosc. p. 377; Del. S. p. 1201;
 NEOGRACENSIS, Part. 1. 74-2f13; 2, p. 120; Rattr. Cosc. p. 590; 33f10, 11, 12;
 NITELLUS, Grun. -Del. Syll. p. 111; Atlas 51f10, 11; 116f13; V. S. p. 1.
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 2)
 " var., A. S., Atlas 113f13;
 " v. similis, Rattr. Cosc. p. 507;

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- NITIDUS, Greg.-D.C.p.27-2f45; Prit.p.331-3f13; Carr.p.94; Grn.133p.104; Jan.Gaz.pl.5f12,14-15; A.Schm.4.3.1.94-3f32; O'M.I.9.1.132; 1373p.3; 1373p.9; Vega p.433; Atlas 53f13; Lagr.1373p.12; Pet.Cat.p.33; Forst.Cey.1.35; Grub.Verm.1.10; H.T.4.1-2-3; H50113; V.1.9.1.1217-B,f41; J.Q.C.1335p.175; Perap.1.36; Villef.p.75; Part.1.73-13f133; 2,1.119; Rattr.Cosc.p.473; Malaisie; Woll.1.94f22,23; Det.Syll.1.1221; *M.J.1867p.114: Petit, Cap Horn* (C. foraminosus.)----
 v. minor, Rattr.Cosc.p.479; Cl. & M.154 sub; Det.S.p.1221;
 v. Moronensis, Grn.-Rattr.Cosc.p.430-1f21; Det.S.p.1221;
 v. sparsa, Rattr.Cosc.p.479; Atlas 53f14; Det.S.p.1221;
 v. tenuis, Rattr.Cosc.p.479; Atlas 53f19; Det.S.p.1221;
 NOBILIS, Grn.-J.R.M.S.1379p.337-1f1; Jan.Gaz.pl.3f13; Rattr.Cosc.1.545; Det.S.1.1233; (C.13f13.)----
 MODULIFER, Jan., Gaz.pl.2f4,5; Atlas 59f20-23; Pet.Nimrod; Cl. & M. Nos.57,155 sub; Rattr.Cosc.p.520; Malaisie; Woll.1.94f7; Det.Syll.p.1249; *Petit, Cap Horn*;
 v. apiculata, A.S., Atlas 59f20; Rattr.Cosc.p.520; Det.S.p.1249;
 NORMANNICUS, H.V.H.S.---(C. Normannii.)--
 NORMANNYII, Greg.-J.R.M.S.1359p.30-3f3; Prit.p.330; Carr.p.93; Mull; Jan.Gaz.5f3; O'M.I.9.1.132; Cl.1373p.31; V.1.9.1.131f1; Det.S.1.501; - *Atlas 59f10: Petit, Cap Horn* (C. fasciculatus, Normannii, Normannicus; -C. subtilis, v.: -Odontodiscus.)--
 NOTABILIS, Rattray Cosc.p.533-2f3; Det.Syll.p.1295;
 NOTTINGHAMENSIS, Grn.-V.1.S.pl.129f2; Atlantic City; Rattr.Cosc.p.453; Woll.1.94f24; Det.S.p.1205;
 OAMARUENSIS, Grove & Sturt.-J.Q.C.1337p.33; Rattr.Cosc.1.534-1ff1; Bot.Chlt.Vol.34p.35; Notar.1337p.343; Det.S.p.1279;
 OBLIQUUS, ?; Det.S.p.1307;
 OBLIQUUS, Grev.-Rattr.Cosc.1.535-1ff1; Det.S.1.1233; -(C. oblongus.)--
 OBLONGUS, Grev.-T.1.S.133p.4-1f9,10; Atlas 53f10,11; W. & C.21.4-5f4; Woll.133p.14-2f16; Rattr.Cosc.1.537; Det.S.p.1233;
 OBNOBILIS, Rattr.Cosc.1.507; Det.S.1.1210; (C. immodatus, Cuv.)-
 OBOVATUS, Cast.1337p.130-3f4; 2f9; 13f7; Rattr.Cosc.1.533; Det.Syll.p.1260; Notar.1339p.752;
 v. circularis, Rattr.Cosc.1.533; Det.Syll.1.1231;
 OBVERSUS, Rattr.Cosc.1.534; Atlas 50f14; Det.S.1.1271;
 v. tenuior, Rattr.Cosc.1.534; Det.S.1.1270;
 OBSCURUS, A.S., Atlas 31f13; V.1.S.pl.129f4x; Grn.1334p.22; Malaisie; Brn & T.1.71; Rattr.Cosc.1.534; Det.S.1.1241; (Cestodiscus.)-
 v. floreatis, Brn,1391p.23-20f22; Det.S.p.1244;
 v. minor, A.S., Atlas 31f17,18; Grn.1334p.22; Rattr.Cosc.1.534; Det.Syll.p.1244;
 OENICUS, -K.S.A.p.123; (C. concavus; -Enietya.)--
 OCLUS-IRIDIS, L.-Frid.1340p.37; M.1.13.13f42; 10f1; A.S.S.1342p.95; July 1356p.2; K.S.A.p.125; Weissz Gr.1.305-1f23; Bailey Coll.; Prit.p.323; Carr.p.93; Jan.Gu.p.19-1b,f3; 2a,f4; Gaz.pl.2f2; Heib.1.35; Reinhard; R.Ah. Nos.2137,2753; R.1.9.1.54; Ital.; Cl.1337p.32; 133p.217; 1373p.5; Vega p.5; 1373p.15; Cl. & M. Nos.3; Vega p.433; Cl. & M. Sub Nos.159,162,215,253,259,273; N. & R.S.p.70; O'M.I.9.1.260-23f13;

Oc. - indis, Oestrop 1897 p. 345. Cl. 1897 p. 22.

" var. *negrida*, Gn. 1884 p. 77. 5/9.

var. pauciflora (Gn.) M. 1897 p. 246.

- Grün. 1333p.26; 1334p.24; Floegel, Baltic; Fortm. Cay. p.66: Pat. Nimrod;
 M.T.P. 4-2-1; M.M.S. 1373, 1-2 f1-f1 5 f1; Atlas 33f3-5, 9, 10; 11 f1,
 2, 20; Lagr. 1376p.11; Sm. Sp. 1.92; Atlas 143f1, 2; Darrf. 4.47; Deby P.
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 " var., A.S., Atlas 63f6, 7;
 " v. borealis, Grün. 1334p.25; Cl. Vega p.433: (Cosc. b.) -
 " v. genuifera, Grün. 1334p.25: (C. ocul.-iria.)
 " v. oculifera, Rattr. Rev. p.562, 1f2; Del. S. p. 1267;
 " v. Morsiana, A.S., Atlas 63f9; Grün. 1334p.25; Rattr. Cosc. p.567;
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 " v. Pacifica, A.S. Atlas 60f13; 61f5; Grün. 1334p.25; Rattr. Cosc. p.
 560: (Cosc. P.) --
 " v. stelliger, A.S. Atlas 63f13; Rattr. Cosc. p.561; Del. S. p. 1276;
 " v. subspinosus, A.S., Atlas 63f4; Grün. 1334p.25; Rattr. Cosc. p.561;
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 " v. tenuistriata, Grün. 1334p.25; Rattr. Cosc. p.561; Del. S. p. 1276:
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 3f23; Rattr. Cosc. p.435; Del. Syll. p. 1226;
 (C. odontotileus, v., & subtilis, v. - Coscinodiscus subtilis & Odontotileus.) -
 " v. subtilis, Rattr. Cosc. p.435; Atlas 57f14; Del. S. p. 1226:
 ODONTOPHORUS, Grün. 1334p.33-3f24; Rattr. Cosc. p.493; Del. S. p. 1234:
 (C. subtilis, var.) --
 OMPHALANTHUS, E.-Abh. Ber. 1344p.233; W.S.A. p.125; Pric. p.323; Sm. Sp. 1.
 96; M.T.P. 4-2-2; V.H.T. 525; Shark River; Wolle pl. 37f8; Atlas 66f2:
 (C. asteromphalanthis & oculus, ir.)
 OVALIS, Roper. - M.S. 1353, 121-314; Pric. p.301-5073; Gr. p.103; Sm. Sp. 1.
 96; 111; Brab. O.C.: Fortm. Cay. p.57; Castr. 1337p.164-17f13; Rattr.
 Cosc. p.502; Del. S. p. 1304; (Actinocyclus & Eupodiscus 10, 11.)
 OVALIS, Grev. - Rattr. Cosc. p.100; Del. Syll. p. 1233: (C. ovalis, ir.) -
 OVICENTRUM, Grove. - Atlas 134f6, 7:
 PACIFICUS, Grün. - Atlas 60f13; Rattr. Cosc. p.563; Del. S. p. 1277:
 (Cosc. oculus-i., var. P.)
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 PALEACEUS, Rattr. Rev. p.597; Del. S. p. 1301: (Stoschia.) -
 PANOCSEKII, Del. S. p. 1265: (C. weissflogii, Pant.)
 PAPUANUS, Castr. 1337p.154-3f5; (C. concinnus, v.) ---
 PARMA, Del. S. p. 1304; Lens, Vol. II. 252: (Stictodiscus Calif.)
 PATRIRUS, Grove. - Rattr. Cosc. p.505-3f5; Cl. & M. II4, 162 sub;
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 " v. nebulosa, Grove. - Atlas 163f5:
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 PALERA, Castr. 1337p.155-2f6; Rattr. Rev. p.592; Notar. 1339p.753;
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7 polychordus. Gran N. E. p. 30-2f33: 4f56: cl 1897p 3:
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- PATINA, E.-Kreid. I333p. I29-4f10-I2: I339p. 67-3f3; Mg. pl. 20-1f1; A.S. I343p. 93-2f13; K.B. I31-1f15; K.S.A. p. I25; Weiss. I331. 211-1f3; Gu. p. 306; Prit. p. 330; R.E.D. p. 34; Eiben, I371; Jan. Gaz. pl. 5ff; Rattr. Cosc. p. 527; Wolle 74f3, 7; Det. Syll. p. I255; (C. ennetus.) ---
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 " v. subreplicata, Grun. I334p. 23-3f14, I5; Rattr. Cosc. p. 455; Det. Syll. p. I224;
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 PERAGALLOI, Pant. 3p. -33f471; Det. Syll. p. I305;
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 " v. cellulosa, A.S., Atlas 50f12: I4f3, 6; Jan. Gaz. 1f3, 7; Sn. S. p. 7. 90 sub; Grun. I334p. 23; Rattr. Cosc. p. 572; Det. S. p. I234;
 " v. delicatula, Rattr. Cosc. p. 572; Det. Syll. p. I234;
 PERIOMPHOS, Rattr. Cosc. p. 576-3f12; Det. S. p. I237; (Coscinodiscus.)
 " v. curta, Rattray. Cosc. p. 576;
 PERMINUTUS, A.S., Atlas 59f7; Rattr. Cosc. p. 567; Det. S. p. I260;
 PERUANUS, A.S., Atlas 58f43; Grun. I334p. 33; Rattr. Cosc. p. 474; Det. Syll. p. I217;
 PETHOI, Pant. 3p. -2f1313; Det. Syll. p. I305;
 PILEOLUS, A.S., Atlas I43f3;
 PLANIUSCULUS, Jan., Gaz. pl. 6f12; Rattr. Cosc. p. 490-1f22; Det. Syll. p. I229; (C. bullatus.)--
 PLICATULUS, Grun. I334p. 34-4f27; Rattr. Cosc. p. 532; Det. S. p. I291;
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 " v. Baltica, Cleve I330p. 112; Grun. I373p. 23; I331p. 29-3f17; Rattr. Cosc. p. 446; Det. Syll. p. I255;
 " v. Davisiana, Grun. I334p. 29-3f19; Rattr. Cosc. p. 499; Det. S. p. I263;
 " v. intermedia, Grun. I334p. 29-3f15; Rattr. Cosc. p. 499; Det. S. p. I263;
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- PROFUNDUS, E.-Abh. Ber. 1334p.233; Mik. pls. 35B, 4b, f3: 35B-4c, f"b";
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PSEUDOLINEATUS, Pant. II. 73-9177; Rattr.Cosc.p.177; Notul. 1333. 320;
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PULCHELLUS, Grev.-T.M.S. 1336p.3-1f7; Rattr.Cosc.
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" v. Moravica, Pant. 2, p.120 *pe. 27f260*:
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PUNCTATUS, E.-Abh. Ber. 1341p.73; Mik. pl. 13140, 11; W.S.A.p.121; Italy:
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" v. Rhombica, Rattray Cosc.p.547; Det.S.p.1257: (Coscinois?) -
PUNCTULATUS, Grun. D.C. 1.23-2f43; Prit. 1.331; Carr. 1.95: Italy: 2nd 1.
D. 1.233; Rattr.Cosc.p.594; T.M.S. 13571.33-1f43; Det.S.p.1299:
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PUSILLUS, Grove.-Rattr.Cosc.p.459-2f10; Det.S.p.1203: -(A'cyclus.)
PYGMAEUS, Br. & Per.-Herib.p.193-1f9; 5f17, 18;
" v. crassipunctata, Brun & H.-Herib.p.226:
" v. micropunctata, Per. & H.-Herib.p.194-5f19:
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PYXIS, E.-Mik. pl. 33-13f3x: Rattr.Cosc.p.601; Det.Syll.p.1304;
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" v. abyssalis, Castr. 13371.165-29f2, 11, 15; Rattr.Cosc.p.513:
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" v. asteromphalus, Grun.-V. 4. S. p.217: (Coscinois?)

- v. *concinna*, V. d. S. p. 217; (Cosc. c.) -
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RHOMBICUS, Grun. I334p. 20; I334p. 20-3f3; *Am. n.* p. 12. I3f23; 2f14; 3f-3f13; *W. B. p.* I32-29f9I; *W. S. A. p.* I24; Italy: *weisse* I354p. 24I-If17; *Gr. p.* If23; *Prit. p.* 330; *Jan. & R. p.* 3-4f10; *Gr. p.* 20-2b, f17; *R. n. p.* 3f; *W. B. p.* 1.262-20f22; Atlas 57f47; 50f11; *Petit Nimboa*; *Cat. p.* 39; Rattr. Cosc. p. 505; *Wolle p.* 1.94f3; Det. S. p. 1305; (C. *radiatus*, v. 1.: -C. *interlatus*, p. 1.: -C. *radiolatus*, p. 1.) -
v. *actinocyclus*, Rattr. Cosc. p. 503; Det. S. p. 1237; (Cosc. *a.*)
v. *grandiscula*, A. S., Atlas 57f23; Rattr. Cosc. p. 503; Det. S. p. 1237;
v. *Singaporensis*, Rattr. Cosc. p. 503; Det. S. p. 1237;
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* Stellaria, Cl. 1897 p. 23. (C. subtilis, Cl. p. 20; - C. symbol, G. p. 21)

- ROTULA, Grun.-Atlas 57f3,7; Rattr.Cosc.p.553; Woll. pl.94f17;
 Det.Syll.p.1230;
 RUDIS, Cast.I.337p.162-22f4; Rattr.Cosc.p.501; Det.Syll.p.1205;
 (Stephanopyxis.)---
 SARMATICUS, Part.I.74-3f32; Rattr.Cosc.p.45; Woll. pl.94f18;
 Det.Syll.p.1233;
 SCINTILLANS, Grun.-M.J.1333p.320-9f3; Sm.Sp.7.99; Villaf.p.75;---C.
 Apollinis:---A.Schm.M.D.p.94-3f33--C.Apollinis, var.)--
 SECERNENDUS, A.S., Atlas II4f1; Rattr.Cosc.p.553; Woll. pl.90f2;
 Det.S.p.1274;
 SEMIPENNATUS, Grun.1334p.31; Atlas 57f32; Rattr.Cosc.p.434;
 Det.Syll.p.1225;
 SENARIUS, A.S., Atlas 57f24; Atlantic City; Rattr.Cosc.p.505;
 Det.S.p.1255;
 SEPTENTRIONALIS, Grun.1334p.33-4f2,33; (C.lacustris, v.)-
 SIMBERSKIANUS, Grun.1334p.29; Atlas II3f11,12; Rattr.Cosc.p.439;
 Part.2, p.113; Det.S.p.1223;
 " v.irregularis, Part.2p.113-30f419; Det.S.p.1229;
 SINENSIS, O'M.-M.J.1379p.122; Rattr.Cosc.p.501; (C.aurora & mirificus.)
 SMITHII, O'M., I.D.p.262; Rattr.Cosc.p.505;-(C.minor; -Melos.navalis.)--
 SOL, Woll.-T.M.S.1330p.33-2f1,2; Prit.p.330; Atlas 53f45; V.I.S.pl.
 129f3; Grun.1334p.32; Rattr.Cosc.p.455; O.S.1330p.111; Woll. pl.74f2,4;
 Det.S.p.1212;-(Cestodiscus; -Planktonella.)--
 " var., A.S., Atlas 53f41,42(46-48=C. excent.) (C.501) -
 SPHAEROIDALIS, Rattr.Cosc.p.451-1f15; Det.S.p.1201;
 " v.eincta, Rattr.Cosc.p.451; Atlas 63f6; Det.S.p.1202;
 SPINIFER, Gro. & Start.-Bot.Cent.1333p.35; Atlas 134f2; Rattr.Cosc.
 p.535; Det.S.p.1293; (C.elegans, v.)-
 SPINULIGER, A.S., Atlas 63f3; II3f9; Rattr.Cosc.p.564; Det.S.p.1273;
 (C.asteromphalus, v.)---
 SPINULOSUS, E.-Abh.Ber.1345p.154; Mg.pl.33B-22f9; Rattr.Cosc.p.455;
 Det.S.p.1206; (Stephanopyxis.)
 SPIRALITER-PUNCTATUS, Part.2p.119-15f266; Det.S.p.1301;
 SPLENDICULUS, Rattr.Cosc.p.576; Det.S.p.1236;
 (Cosmodiscus Normannianus)---
 SPLENDIDUS, Grun.-T.M.S.1335p.44-5f3; Atlas 65f11; Rattr.Cosc.p.455;
 Det.Syll.p.1211;
 STELLARIS, Roper.-Q.U.M.S.1353p.21-3f3; Prit.p.323-5123; Carr.1.93;
 O'M.I.D.p.261; Rattr.Cosc.p.493; Atlas 164f4; Det.S.p.1231;
 " v.fasciculata, Cast.I.337p.155-3f2; 5f9; Rattr.Cosc.p.493;-(C.stell.)
 " v.Mejillonis, Grun.1334p.30; Rattr.Cosc.p.494; Det.S.p.1232;
 STELLIGER, Grun.-Atlas 53f10; Rattr.Cosc.p.533; Woll. pl.94f19;
 Det.Syll.p.1230;
 STOKESIANUS, Part.I.73-27f257; 2, p.120; Rattr.Cosc.p.457; Det.Syll.
 p.1206; (Cestodiscus.)
 " forma Balajickiana, Part.I, p.73; Grun. Rattr. Cosc. p.458
 " minor, Grun. - Part. I p. 73;-(C. Stok.) Rattr. Cosc. p.457

subtilis, E. - Cl. 1896 (3) 1^o, 5; (C. stellaris.)

- STRIATUS, K.B.p.I31-I33; V.S.A.p.I22; Prit.p.329; Jan.&R.p.3-4f4;
Jan.Gu.p.20-Ia,f5; R.E.D.p.34; Eibef,I37I: Rattr.Cosc.p.603; Rabh.
Alg.Eur.I697 sub: (*Cyclotella* s., var. *intermedia*.)---
STRIGILLATA, Witt.-Atlas I33f20: (*Maynaldia antiqua*.)--
SUBANGULATUS, Grun.I334p.2I: Rattr.Cosc.p.520; Det.S.p.I243;
SUBARTICULATUS, Rattray.Cosc.p.454-IffI; Det.Syll.p.I294;
SUBAULACODISCIFORMIS, Rattr.Cosc.p.521; Atlas 57f3; Det.S.p.I243;
SUBCONCAVUS, Grun., Atlas 59f12, I3; 62fI7; Brun & T.p.7I; Malaisie;
Rattr.Cosc.p.466; Wollé pl.3IfI0; Det.S.p.I213;
" v. *tenuior*, A.S., Atlas 59fI5; Rattr.Cosc.p.457; Det.S.p.I213;
SUBDIVISUS, Witt I333p.I4-2fI3; Rattr.Cosc.p.537; J.D.C.I390p.203;
Det.Syll.p.I294;
SUBGLOBOSUS, Cl. & Gr.-Grun.I334p.32-4fI9, 20; Atlas 58f44; Cl.Vega p.
433; Nares; Cl. & M.I72, 302, 319; Rattr.Cosc.p.43I; Det.S.p.I223;
SUBLINEATUS, Grun.I334p.30-4fI2I, 22; Atlas I33f7; Rattr.Cosc.p.477;
Det.S.p.I217: (*C. excentricus*, v.)--
SUBMITIDUS, A.S., Atlas 58fI6; Rattr.Cosc.p.45I; Det.Syll.p.I203;
SUBNOTABILIS, Rattr.Cosc.p.539-I3; 2fI3; Det.S.p.I296;
" v. *marina*, Rattray.Cosc.p.539; Det.Syll.p.I296;
SUBOCULATUS, Rattr.Cosc.p.533; Atlas 6If5; Wollé pl.90fII;
Det.S.p.I273;
SUBSALSUS, Dannf.p.47-3f33; Rattr.Cosc.p.593; Det.S.p.I293;
SUBTILIS, E.-~~Abh.~~ p.4I2, pls.I-3fI3; 3-7f4; Mik.pls.I3f35a,b; 33-I3f4;
33-I3f7; 34-7f5; 35A-2fI5; 35A-23f5; Abh. Ber.I36p.I3.2-1fI; 3-1f2;
Nord.p.24-2fI6; K.B.p.I32-IffI; V.S.A.p.I24; A.J.S. July I356p.I; M.
J.I359p.3I; Rabh. Alg.Eur.Nos.2I42, 2437, 2553; Prit.p.330; Weisse Gl.I.
pl.Iff27; Jan.Gu.p.20-Iff2; Gaz.pl.2f3; 4fI, 2; 5f5, 7; 6fI, 5; 20f5;
Eul.Sp.T.Nos.30, II5; Jan.&R.p.4-Iff2; Neudauer p.I96-3f53; London
Clay; N. & R.S.p.70; R.E.D.p.34; O.M.Verg.: Atlas 57fII-I4, 23, 29; 53f
37; Malaisie; Sp.Sp.T.No.100; Petit Cat.p.39; Nimrod; Cl. & M.Nos.57,
I25, I34, 207, 257, 253, 319; Nares; I330p.I5; I373p.3; Vega p.433; Grun.
I373p.24-4fI7; I334p.29-3f23; A.J.M.I377p.I03; I373p.I33, 247; V. i.
S.p.2I3; T.Nos.519, 520; Brun & T.p.7I; Villef.p.73; Shark River;
Witt I335p.24; Rattr.Cosc.p.494; Wollé pl.94f3, 9; Det.S.p.I202; *
(*C. normannii*; -*Melosira meridionalis*.)--- *Petit, 1902*
" vars., A.S. Atlas 57fI5, I6; *Grun.* I334pp.30, 56;
" v. *glacialis*, Grun.I334p.56-3f27: (Cosc.g.)-
" v. *lineolata*, Rattr.Cosc.p.497-IffI6; Det.Syll.p.I233;
" v. *NORMANNII*, V. i. S.p.2I3: (Cosc.N. & fasciculatus.)-
" v. *Rothii*, V. i. S.p.2I3: (Cosc.R.: -*teterostephanus*.)---
" v. *scabra*, Rattr.Cosc.p.497-3f3; Det.S.p.I233;
" v. *Strobilata*, Grun.-Cl.I330p.III; Rattr.Cosc.p.493; Det.S.p.I233;
SUBTILISSIMUS, E.-Abh.Ber.I36p.23I: Rattr.Cosc.p.407; Det.S.p.I207;
SUBVELATUS, Grun.-Atlas 65f9; Wollé pl.90fII:-(*C. hercynicus* & *longistis*.)
SUPERBUS, Grun.-Rattr.Cosc.p.493; Det.S.p.I207:-(*C. hercynicus* & *longistis*.)-
" v. *Moravica*, Rattr.Cosc.p.459; Det.S.p.I203:-(*C. hercynicus* & *longistis*.)--
" v. *Nova-Zealandica*, Grove.-Rattr.Cosc.p.459-2fI5; Atlas I4If7;
I33f3; Det.Syll.p.I205;

+ symvolutophorus, Gn. - (C. stellaris, fide ...)

- SUSPECTUS, Jan.-Atlas 59f2; Grun.I834p.33; Rattr.Cosc.p.430; Wollf
pl.37f7; Malaisie; Del.Syll.p.1222;
- SYMBOLOPHORUS, Grun.I834p.30-4f3-6; Atlas I33f1-3; Rattr.Cosc.p.492;
Brun & T.p.71; Pant.2,p.II3; Del.S.p.1230;
(Symbolophora, species omnes, see "trinitatis.")---
" v.Oamaruensis, A.S., Atlas I33f4,5;
- SYMMETRICUS, Grev.-T.M.S.I36p.33-3f2; London Clay; Atlas 57f25-27;
Grun.I834p.29; Atlantic City; Brun & T.p.71; Malaisie; Rattr.Cosc.
p.490; Wollf pl.94f2; Pant.2,p.II3; Del.Syll.p.1229;
(C.Rothii, p.1.-C.Szontaghii.)
" v.denarius, A.S.-Cl. & M.I33 sub; (C.denarius.)--
- SZABOI, Pant.Ip.74-I3fI67; (C.Hungaricus, v.)---
- SZONTAGHII, Pant.Ip.72-I5fI33; 23f273;
(C.curvatulus, v.genuina; -C.symmetricus.)----
- TABULARIS, Grun.-Rattr.Cosc.p.533; Grun.I834p.34; Del.S.p.1292;
- TABULATUS, Temp. & Br.-Atlas I64f1;
- TEMPEREI, Brun.-Atlas I33f9; Brun I89p.35-7f2; Del.S.p.1255;
- TENELLUS, E.-Abh.Ber.I354p.233; Prit.p.330; Rattr.Cosc.p.504;
Del.Syll.p.1205; (C.tenellus.)--
- TENERRIMUS, E.-Abh.Ber.I372p.203; Rattr.Cosc.p.603; Del.S.p.1307;
- TENUIS, L.W.B.-B.O.N.A.I36p.333-7f7; (C.concinus; -Euphousus.)----
- TENUIS, Grun.-Rattr.Cosc.p.577; Del.S.p.1237; (Cosmodiscus.)
- TENUISCULPTUS, Rattr.Cosc.p.452; Del.S.p.1202; (Stoschia punctata.)
- THESKELOS, Rattr.Cosc.p.565-2f19; Del.Syll.p.1279;
- THUMI, Cl.-J.Q.C.I385p.175-I3fI7; Atlas II4f20; Rattr.Cosc.p.533;
Del.Syll.p.1292;
- TRADUCENS, Rattr.Cosc.p.523; Del.S.p.1254; (C.nebula.)----
- " v.hispida, A.S., Atlas 53f33; Rattr.Cosc.p.529; Del.S.p.1254;
- TRANSYLVANICUS, Pant.3p. -3fI38; Del.S.p.1305;
- TRINITATIS, Rattr.Cosc.p.592; Del.Syll.p.1293; -(Cast. pithellus & t.)-
- TROCHISKOS, Witt I383p.14-2f14; Rattr.Cosc.p.567; Del.S.p.1281;
- TUBERCULATUS, Grev.-T.M.S.I36p.42-4f3; Brun & T.p.71; Atlas 57f14;
Grun.I834p.30; Rattr.Cosc.p.432; Del.Syll.p.1223;
- " v.Monicae, Grun.I834p.30-3f29; Atlas 57f40,41; Rattr.Cosc.p.432;
Del.Syll.p.1223;
- TUBIFORMIS, Brun & T.p.34-7f3; Del.S.p.1215;
- TUNIDUS, Jan., Gaz.pl.1f3; Atlas 59f33,39; Malaisie; Grun.I834p.33;
Rattr.Cosc.p.475; Del.S.p.1213;
- " v.fasciculata, Rattr.Cosc.p.475; Del.S.p.1219;
- TURGIDUS, Rattr.Cosc.p.455; Del.S.p.1204; (C. ...)
- UMBONATUS, Greg.D.C.p.23-2f43; Prit.p.330; Jan.Ga.p.21-2f5;
Carr.p.93; Rattr.Cosc.p.565; Del.S.p.1279;
- UMBONATUS, Cast.I337p.153-2f3; (C.umbonatus.)-
- UNCATUS, Cl.-Pant.Ip.74-9f39; 27f252; 2,p.120; Rattr.Rev.p.577;
Del.Syll.p.1233; (Apegetus.)
- UNDULANS, Rattr.Cosc.p.552; Del.S.p.1270; (C.undulans, Cast.)
- UNDULATUS, Cl.-N.L.K.D.p.20-5f30; Rattr.Cosc.p.537; Del.S.p.1293;
- UNDULATUS, Cast.I337p.159-3f3; (C.undulans.)--

> vesiculosus, Br. - L. 2, n. 16 p. 76-6 f 21, 22: - (Stephanodiscus? -)

- VACUUS, Rattray Cosc.p.535; Atlas 53f29; Del.Syll.p.1259; -(Melosira.)-
 VARIOLATUS, Castr.1337p.155-2f5; (C.denariis, v.)-
 VARIUS, Schum.1337p.32-3f73; Rattr.Cosc.p.604; Del.S.p.1305;
 VELATUS, E.-Abh.Ber.1344p.73; Mik.pl.13f37; V.S.A.p.24; weisse Gl.p.
 -If23; Prit.p.330; Atlas 32f10-12; Rattr.Rev.p.509; Italy; Wille
 pl.90f7, 8; IIIIf12; Del.S.p.1241; (C.turpidus.)--
 VENULOSUS, Castr.1337p.162-17f1; Rattr.Cosc.p.457; Notar.1337p.754;
 Del.Syll.p.1200;
 VETUSTISSIMUS, Part.Ip.71-20f136; Cl.& M.sub Nos.57, 155, 156, 162, 164;
 Bot.Cblt.Vol.34, p.35; Rattr.Rev.p.477-2f17; Notar.1333p.621; Del.
 S.p.1220; (C.ina qualis.)
 v.enivattolides, Grove Mss.; Rattr.Cosc.p.473; Cl.& M.155-57,
 164 sub; Atlas 163f6; Del.S.p.1220;
 VICINUS, Schum.1364p.61; (C.patina & radiatus.)---
 VIGILANS, A.S., Atlas 114f11, 12; Brun & T.p.71; Part.Ip.119; Rattr.
 Cosc.p.467; Del.Syll.p.1213;
 VULGARIS, Schum.1337p.32-3f74; Rattr.Cosc.p.605; Del.Syll.p.1305;
 (C.radius.)-
 WALLICHIANUS, Grun.-Cl.& M.No.183; Rattr.Cosc.p.603; Del.S.p.1277;
 WEISSFLOTHII, Part.2p.117-2f1356; (C.partocochli.)----
 WEISSFLOTHII, Rattr.Cosc.p.535-If18; Del.Syll.p.1279;
 WEYBACHII, Grun.1334p.26-3f3; Rattr.Cosc.p.532; Del.S.p.1273;
 WHANPOENSIS, Grove.-Rattr.Cosc.p.497-If24; Del.S.p.1233;
 WILLIAMSII, Part.2p.119; Del.S.p.1219; (C.lunatus, ...)---
 WOODWARDII, Eul.Sp.1.116; Atlas 60f8; 61f2, 3; 65f2; Malaisia;
 Brun & T.p.71; Wille pl.90f4;
 (C.apiculatus, var., & gigas. p.p.: -C.argus & Bolivienensis.)---
 ZEBUANUS, Grunow Mss.; (C.excentricus, v.)--
 ZONULATUS, A.S., Atlas 59f10; Rattr.Cosc.p.469; Del.S.p.1215;

COSCINOPLAEMIA. -(Ehr., 1857.)-

- , E., Mik.pls.31-217; (Mik. 1876. 74) --, 30A-311: 13A-137f12;
 ALTAICA, E., Mik.p.94; Del.Syll.p.1370;
 CISCOPLEX, E.-Mik.pls.15-1112; 30A-1311; 1.21; V.S.A.42125;
 Del.Syll.p.1370;

COSMODISCUS. -- (Grev., 1866.)

- ARMATUS, Grev.Mss.:1336. 20f1; (Coscinodiscus a.)--
 BATHYDENSIS, Grev.-T.M.S.1366p.30-3f12; J.O.C.1337p.177;
 CARCONENSIS, Eul.-M.T.1.1-1-10; (Staphanodiscus.)---
 ELEGANS, Grev.-T.M.S.1366p.79-3f13; (Coscinodiscus mikomisos.)--
 IMPERFECTUS, Grun.1334p.17; Rattr.Cosc.p.604;
 (Ailacodiscus i. & suspectus.)---
 NORMANNIANUS, Grev.-T.M.S.1366p.30-3f11; J.O.C.1337p.65-6f21;
 (Coscinodiscus apages & splendidus.)-
 TENUIS, Grun.-V.H.S.pl.125f13; Wille pl.75f12; Part.2p.114-4f55;
 (Coscinodiscus.)--

CIRCULARIS, Brun, 189 Ip. 23-II f5: (Gutwinskiella.)----
 CLYPEOLUS, Brun, 189 Ip. 24-II f4: "
 CORONALIS, Brun, 189 Ip. 24-II f3: "

CRASPEDODISCUS.-(Grev, 1854)

--, London Clay:

ACTINOCYLUS, E.-Abh. Ber. 1872 p. 23: (Coscinoiscus.)----

ARAUCANIAE, E.-Mik. p. 296; Del. S. p. II 99:

BARBADENSIS, Rafs.-Prit. p. 939; Del. S. p. II 99:

CORONATUS, Brw.-M. J. 1860 p. 95-5 f7; Prit. p. 332, 939; (Asterolampra.)--

COSCINOISCUS, E.-Abh. Ber. 1844 p. 233; Mik. p. 133-134; 33-15 f3; Prit. p.

332-5 f30; M. J. 1860 p. 95-5 f4; Grun. 1863 p. 23, 194; Atlas 66 f1;

Del. Syll. p. II 99; D. J. M. S. 1877 p. 435; Witt 1833 p. 15-3 f1-3; 1833 p.

77 f1, 2; 35 f7; (C. & Coscino. pyxidicula; -Pyxidicula c.) 8. Dec. 1818 p. 174:

" var. "a", E., Mik. p. 133-134;

" var., Witt 1833 p. 15-3 f3;

" v. Nankootensis, Grun.-Atlas 66 f5; Atlantic City;

DISCOPLA, E.-Abh. Ber. 1872 p. 297; Nord. p. -2 f23; Del. S. p. II 200:

FLORANS, E.-Mik. Ber. 1844 p. 233, f12; Mik. p. 133-134; A. J. 1830 p. 33-1

4 f"0": W. S. A. p. 126; Prit. p. 332-II f33; M. J. P. 4-3-I; Atlas 66 f1;

Del. Syll. p. II 99; D. J. M. S. 1877 p. 435; Witt 1833 p. 15-3 f1-3; 1833 p.

77 f1, 2; 35 f7;

(Coscino. e. & craspedodiscus; -Pyxidicula coscino.)

FRANKLINII, D. J. M. S. 1873 p. 346; Del. S. p. II 99:

FRANKLINII, E.-Abh. Ber. 1853 p. 526; Mik. p. 135A-23 f6a, b; Prit. pp.

332, 939: (Hyalosiscus subtilis.)--

INSIGNIS, A. S., Atlas 66 f2; Del. S. p. II 99:

KLAUSENSII, Grunaler.-Atlas 184 f5:

MARGINATUS, Brw.-M. J. 1860 p. 95-5 f7; Prit. pp. 332, 939; (Asterolampra.)--

MARYLANDICUS, O. M.-M. J. 1877 p. 106; Del. Syll. p. II 99:

MICRODISCUS, E.-Mik. p. 133-17 f4; Prit. p. 332; Wollé p. 174 f5; (C. case.)

MOLLERI, A. S., Atlas 184 f3;

NICOBARICUS, E.-Mik. pp. 165, 172; Del. Syll. p. II 99:

OBLONGUS, Grun.-Atlas 66 f7-9: (Porodiscus.)--

OVALIS, Grun.-Atlas 66 f6: (Porodiscus splendidus, v.)----

PYXIDICULA, Brw.-M. J. 1860 p. 95, 139: (Coscino.)

RADIATUS, Weisse Guano p. 303-2 f"x"; Del. S. p. II 99:

RHOMBICUS, Grun.-Atlas 66 f13; Wollé p. 133 f5; Del. Syll. p. II 99:

SEMIPLenus, Brw.-M. J. 1860 p. 95-5 f12; Prit. pp. 332, 939;

(Asterolampra Brightwelli.)--

STELLA, E.-Abh. Ber. 1855 p. 233; Mik. p. 135B-4b, f11; Prit. p. 332, 939;

(Hyalosiscus stelliger; -Podosira maculata.)-

SUBTILIS, E.-Mik. 1856 p. 12;

TURGIDUS, E.-Abh. Ber. 1853 p. 266; Mik. 1856 p. 12; Del. S. p. II 99:

UMBONATUS, Grv.-I. M. S. 1860 p. 79-3 f15; Del. S. p. II 200:

WEISSE GUANO, Part. 3, -25 f39; Del. Syll. p. II 99:

- , Rabh. E.D.p. 35: -, DeLong, Oss. Bac. p. 917; -, Greville, 1835. --
 COROLLA, Brun, & T.p. 34-414; Det. Syll. p. 1090:
 ELEGANS, Grove & St. - J.Q.C. 1837 pp. 64, 187-516; J.R.M.S. 1833 p. 919; Det.
 S.p. 1039; Ratti. Cosc. p. 675; Atlas 149 f20, 21; Notar. 1837 p. 345;
 (P. *obovata* interm. etc.) ----
 JOHNSONIANUS, Greville. - T.M.S. 1833 p. 39-4 f10; J.R.M.S. 1833 p. 913;
 Det. S.p. 1039:
 PANTOCSEKII, Brun, & T.p. 35-4 f13; Atlas 164 f11; Det. S.p. 1090; *arboresc.*
 RALFIIANUS, Grev. - T.M.S. 1833 p. 33-4 f9; J.R.M.S. 1833 p. 913; Det. S.p. 1033:
 TRUANTII, Pant. Ip. 60-11 f92; 2, p. 100; Notar. 1833 p. 391; Det. S.p. 1039:
 " v. squamosa, Pant. Ip. 60; 2, p. 100; Det. Syll. p. 1090:

CRATICULA. ---- (Greville, 1868.) -

- EHRENBERGII, Grun. 1833 p. 20; Det. Syll. p. 313: (Spirinella craticula.) -
 HUNGARICA, Pant. 3p. - 23 f349;
 MEGALOPTERA, Grun. 1833 p. 20; Det. S.p. 313: (Spirinella m.) -
 PETOTIETII, Grun. 1833 p. 20-11 f21; Det. S.p. 313: {*Proxima* *prosp.* p. 42-2 f21 a, b. } (Spirinella l.) -
 PROCERA, Grun. 1833 p. 20; Det. Syll. p. 313: (Spirinella l.) -

CRESSWELLIA. ---- (Greville, 1868.) -

- , Grev. & Abbott, 1857: (Stephanopyxis, 20 allies & sections.) ---- 11.
 ANNULATA, Grev. - A.M.S. 1835 p. 4-5 f8: (Landeria ?) -
 BARBADENSIS, Grev. - T.M.S. 1835 p. 3-11 f11: (Stephanopyxis.) ----
 CYLINDRACEA, Grev. - T.M.S. 1835 p. 3-11 f10; Grun. 1834 p. 39:
 (Landeria annulata.) ----
 FEROX, Grev. - M.S. 1859 p. 133-3 f16, 17; Lewis. M. & R.S. p. 39: - (Stephanopyxis
 MINUTA, Grev. - T.M.S. 1835 p. 1-11 f15; Det. S.p. 1147: - (Stephanopyxis.) --
 PALMERIANA, Grev. - T.M.S. 1835 p. 2-11 f9; Cl. Java p. 3; Grun. 1834 p. 33;
 Malaisie: (Stephanopyxis.) ----
 TURRIS, Grev. - T.M.S. 1835 p. 75-3 f7; Grun. 1834 p. 39: (Stephanopyxis.) --
 SPHAERICA, Grev. - T.M.S. 1835 p. 14-11 f12; Sm. Sp. 1. 337; Det. S.p. 1147:
 (Stephanopyxis turris.) -
 SUPERBA, Grev. - T.M.S. 1835 p. 33-3 f3-5; (Stephanopyxis.) -
 TURGICA, Grev. - M.S. 1859 p. 135-3 f14: (Stephanopyxis.) -
 TURRIS, Greg., D.C. p. 64-6 f109; Lagr. 1873 p. 14; Mull:
 Cl. 1873 p. 13: (Stephanopyxis Niejahri & c.) -

CRYSTALLIA. ---- (Sommerfeldt, 1827.) -

- PULVINATA, Sommerfeldt in Ag. Botan. Zeit. 1823:
 (Gomphonema constrictum, pinnatum & l.) ----

CTENOPHORA. ---- (Breb. 1849.) -

- PULCHELLA, Breb. in litt. 1849: (Synedra l. & verticillata.) -

CYCLOPHORA. ---- (Castr., 1878.) -

- TENUIS, Castr. 1873 p. 53-25 f3; Breoissonia 1873 p. 22-11 f1; A.P. Lincei Vol.
 31 - Italy: Sm. Sp. 1. 333; V. 1. S. pl. 36 f5; Cl. Vega p. 503; J.R.M.S. 1833
 p. 633; Det. Syll. p. 312; LeD. Vol. 21. 72: (Diatoma hyalinum, v.) ----
 " v. tropica, Grun. - V. 1. S. pl. 36 f5; Det. S.p. 312:

> americana, f.a.s. Atlas pl. 222 f 50-52: - (Stephanotricus?) -

+ antiqua, Fols. p. 440: atlas 224 f 45-48

+ comensis, Atlas 224 f 33-35

+ compta, E. - A. Cl. 1895 p. 37: Oestrup 1897 p. 347:
Atlas pl. 224 f 1-4, 13-25

iv, Bodanica, Euls. - V.H.S. pl. 93 f 10:

" var. Pantanelliana, Cestr. (a.s.) - Atlas 223 f 1-5: - (C. Pant.) -
(compare C. compta, v. radiosa)

" var. unipunctata, A.S. Atlas 224 f 5-12

" var. tenuis, A.S. Atlas 224 f 26-28

- , Am. Nat. 1333p. 510-13f14; A2, 1836
 --, Pfitzer p. 127: --, Tanarek 1379p. 59: Dalton, Oss. Bae. p. 914
 ACTINOCYCLUS, K.S.A. p. 20: Del. Syll. p. 1353: (Discopila? - Pyxidicula.) -
 AFFINIS, Grun. - M.T. p. 4-3-3: (C. completa, var.) -
 AMBIGUA, Grun. - Cl. 1330p. 119-7f133; Del. S. p. 1352: (C. striata, v.) -
 + AMERICANA, K.S.A. p. 19: Del. S. p. 1357: Prit. p. 311: (Discopila.) -
 ANNULATA, Suringar 32p. p. 4-112; Heaw. Vol. 9p. 129; Grun. 1373p. 30:
 Del. S. p. 1355: (C. Sinusae, v.) -
 ANTIOUA, S.R.D. 11. 23-5f10; Mill: Prit. p. 311: Del. S. p. 1352: (C. Sinusae, v.) -
 + OPM. I.D. p. 237-23f113; Cl. 1331. 3; Grun. 1373p. 29; 1373p. 30; 1373p. 31;
 1. 339; V.A.S. p. 214-92f1: Kinnora; Lake Michigan; Wollé pl. 33f13, 19;
 Del. S. p. 1352: (C. operculata, v.: - Orthosira a. & operc.) -
 ASIATICA, Brin, & T. p. 35-4f16: Del. S. p. 1355: (Melosira Thunii.) ---
 ASTANA, K.S.A. 1. 19; Prit. p. 312: Grun. 1373p. 31; 1373p. 32; 1373p. 33;
 34; M.T. p. 5-5-13; Cl. & M. No. 50; Dannf. p. 43; Strose, Kleiken:
 (C. rotula; - Stephanodiscus.) ---
 ATLANTICA, Ralfs, Prit. p. 312-15f3: Del. S. p. 1359: (Discopila.) ---
 ATMOSPHERICA, Ralfs, Prit. p. 312-15f1, 2: Del. S. p. 1359: (Discopila.) ---
 BELLA, A. Schm. N.D. p. 94-3f39; Grun. 1373p. 30; J.R.M.S. 1379p. 335:
 (Coscinodiscus.) ---
 BODANICA, Eul. Sp. 7. 5; Grun. 1373p. 29; Wollé pl.
 110f5; Herib. p. 192: Del. S. p. 1353: *Atlas 224f29-32*: (C. completa, v.) ---
 CASATI, Cassi. Ital. 133p. 3, No. 21; Ital. 133p. 3; Ital. 133p. 3; Ital. 133p. 3;
 III: Del. Syll. p. 1355;
 CALIFORNICA, Grun. - Cl. & M. 276: Del. S. p. 1353;
 CASPIA, Grun. 1373p. 29-4f19; J.R.M.S. 1379p. 332: Del. S. p. 1359;
 CASTRACANIENSIS, Eul. Sp. T. No. 27: Sm. Sp. T. No. 101: Del. S. p. 1359;
 (Coscinod. polyrrhaptos.)
 CASTRACANII, Brin, 1391p. 24-22f9: Del. S. p. 1353;
 + COMENSIS, Grun. - V.A.S. pl. 93f16, 17: Italy: Herib. p. 192: Del. S. p. 1353;
 CRYPTA, K.S.A. p. 20: Prit. p. 311: Grun. 1373p. 30; V.A.S. p. 214-92f1-
 22; 1. No. 424; Italy: Cl. V. 2. 442: Lake Michigan; Wollé pl. 33f13, 19;
 33f30, 31; 33f20, 21; Herib. p. 191: Del. S. p. 1353: (C. completa, v.) -
 " var. affinis, Grun. - V.A.S. pl. 93f11-12, 11; Del. S. p. 1353: (C. completa, v.) -
 " v. arvena, Per. & Br. - Herib. p. 191-5f16:
 " v. glabriuscula, Grun. - V.A.S. pl. 93f14, 15; Del. S. p. 1353;
 " v. oligactis, Grun. - V.A.S. pl. 93f13, 19; Cl. & M. 174; Malaisia:
 Del. S. p. 1353: *Atlas 224f39, 40*: (Cycl. c.) -
 " v. radiata, Grun. - V.A.S. 1. 331p. 13; 1373p. 30; *Atlas 224f38*:
 " v. radiosa, Grun. - V.A.S. p. 214-92f26; 93f1-9; 1. No. 475; Cl. 1391p.
 37: Del. S. p. 1353; *Atlas 179p. 13*: (vide m. Pantanelli) ---
 CONCENTRICA, Meneg. A.N.D. p. 336: Del. S. p. 1359;
 COSCINODISCUS, K.S.A. p. 20: Prit. p. 311: Del. S. p. 1357;
 DALBASIANA, S.R.D. 2, p. 37: Prit. p. 315, 933; Carr. p. 91: Mill: R.M. 2. p.
 33; Arnott Cycl. p. 245; OPM. I.D. p. 259; Grun. 1373p. 30; Sm. Sp. T. 102:
 J.R.M.S. 1379p. 334: (C. radiata, striata, stylonema)
 DENDROCHALTRA, Ralfs, Prit. p. 312: Del. Syll. p. 1359: (Discopila.) ---

Mubia, f. A.S. Atlas pl. 222 f 23, 24: - (Stephanodactylus?)

+ Hispaniensis, A.S. Atlas pl. 222 f 33, 34;

+ Rutringiana, A.S. Atlas 222 f 1-7, 13

" forma major, D.H.S. pl. 94 f 6:

" var. radiosa, A.S. Atlas pl. 222 f 8;

" " planetophora, A.S. Atlas 222 f 9-12

" " melosira, A.S. Atlas 222 f 15-17

+ " " Schumannii, Atlas 222 f 18-21

Meneghiniana, Atlas pl. 222 f 25-30;

- DENTICULATA, K.S.A.p.20: Defl.Syll.p.1357: (Discoidea.)--
 DIVES, K.S.A.p.20: (Actinotrychus, Discoidea, Strictoidiscus.)--
 > DUBIA, Hist. 1350p.70; Rabh. Al. Nos. 1022: 4 (Denticulata.)---
 FIMBRIATA, Castr. 1337p.141-13f13: Notar. 1339p.754; Defl.S.p.1355;
 GRANCA, Prit.p.3II: 1361; Defl.S.p.1357: (Cyclodiscus.)---
 " v. stelligera, L.-Italy: (Cyclodiscus.)---
 GRANULOSA, Gran.-V.H.S.pl.94f23; (Coseinodiscus.)
 HAUCKII, Gran.-V.H.S.pl.94f29: (Coseinodiscus.)
 HELVETICA, Kuhn, ?
 > HILSEANA, Rabh.E.D.p.33; Defl.S.p.1357: (C. umbra.)--
 IRIS, Br. & Her.-Herib.p.224-3f1,3; *Atlas 222f37-41*;
 " v. coccineiformis, Br. & H.-Herib.p.225-6f4;
 " v. ovalis, Br. & H.-Herib.p.225-3f2;
 IRREGULARIS, Gran. 1334p.40-5f3; Defl.S.p.1355
 KUTZINGIANA, Thw.-A.M.N. 1343p.9-11f10⁵; S.B.D. 1p.27-5f47; Front.; Ann.
 Sci. Paris 1849 Vol. I, pl. XI; Desmaz. Ed. 2, No. 103; K.S.A.p.13; R. Alg. No.
 1333; Prit.p.933; R.E.D.p.32; R.D. Ex. 22; B.S. 1. 1332p.301-1f1;
 D.pl. 14f22; Roper, Thames; Mull; Schum.H. 1p.31; Mull; N. & R.S.p.70;
 New Zealand; Pfitzer p.127-3f7; Flogel, Baltic; O'M.I.D.p.253-25f10;
 Sm. Sp. 1. 103; Gran. 1373p.30; Strose Kleinen p.16-1f13a,b; Kinnor; Pet.
 liste p.26; Tanaka 1379p.30f40; Brn Alp. p.132-1f13; V.H.S.p.214-
 94f1,4,5; T.No.477; Belloe, Lichon; Delogne; Cl. 1391p.33; Parag. 1.77;
 Italy: Pet. 1333p.14f24; Wille pl.66f3,9; Defl.S.p.1353;
 (C. operculata, v. - C. pinnata.)---
 " var. "n" rectangula, K.S.A.p.19; S.B.D. 1p.27: (Cycl. 1.)--
 " var. Caspia Gran.-V.H.S.pl.94f10;
 " v. catalaunensis, Gran.-V.H.S.pl.94f9;
 " v. Meneghiniana, Brn Alp p.134-; Belloe, Lichon: (Cycl. 1.)--
 + " v. Schumannii, Gran.-V.H.S.pl.94f2,3; Cl. 1391p.33: *Hel. 1895p.37*;
 LAEVIS, K.S.A.p.20: (Hyalodiscus.)--
 LIGUSTICA, K.B.p.50-1f4; K.S.A.p.19; Italy: -(C. Seotensis; Hyalodiscus.)
 MAMMILLA, K.S.A.p.20; Prit.p.3II: Defl.S.p.1357: (Discoidea.)--
 MARGINATA, Castr. Nova Contr. 1. Diat. Med. 1330p.3; Defl.S.p.1355;
 Notar. 1333p.129;
 MARGINULATA, ?
 MAXIMA, K.B.p.50-1f5; 2f6(b); K.S.A.p.19; Herbar. 1313. 1342;
 Prit.p.3II:
 MENEGHINIANA, K.B.p.50-30f33; K.S.A.p.19; Rab. Al. Nos. 332, 721; R.S.D.
 p.11-2f2; Prit.p.933; Heaw. Vol. 2p.133; Carr. p.90; Arn. Cycl. 1. 240; R.
 E.D.p.33; Sur. Jap. p.4-1f1; Prollius pp.73, 103-2f3; Eiber, 1371; O'M.
 I.D.p.253-25f11; Gran. 1373p.30; Brn Alp. 134-; Sm. Sp. 1. 103; Mull;
 Papan; Hoffmann, Marburg; V.H.S.p.214-94f11-13; T. Nos. 473, 479; Italy:
 Jann. p.13; Cl. 1330p.119; 1331p.111; 1301p.37; 2011, Cassin; Wille
 Wille pl.66f13-15; Parag. p.77; Herib. p.192; Atlas 131f91; Defl.S.p.
 1354: -(C. Kutzingiana, v. - C. pinnata; - Mammilla pinnata.)--
 " var., Kitton, Spectra.
 " var. "n" major, K.S.A.p.19: (C. pinnata or Mammilla.)---
 " v. Baileyi, Gran.-V.H.S.pl.94f15; Defl.Syll.p.1355:

Meneghinia, - var. plana, A.S. Atlas 222 f. 32

operculate, K. fr. t. 7, f. 1; Brit. Com. p. 20:
A.S. Atlas pl. 222 f. 42-47.

> parva, A.S. Atlas pl. 224 f. 36, 37

- v. *oblongata*, Grun.-V.H.S. pl. 94f7, 8; Det. S. p. 1355; Atlas 222f21;
v. *pumila*, Grun.-V.H. Type No. II sub:
v. *rectangula*, Grun.-V.H.S. pl. 211-94f17-20; T. 135; Det. S. p. 1355;
v. *stellata*, Grun. & Cl.-N.L.W.D. p. 22-5f33; V.H.S. pl. 94f21;
Det. Syll. p. 1354;
v. *Vogelii*, Grun.-V.H.S. pl. 94f21; Det. Syll. p. 1355; (C. *Wag.*)
MINIMA, Rattr. Cosc. p. 300; (Coscinoideis.) ---
MINUTULA, K.B. p. 50-2f3; K.S.A. p. 19; Prit. p. 933; Arnott Cyc. p. 245; R.
E.D. p. 33; New Zealand; Sm. Sp. 1. 105; Pet. liste p. 23; Belloc, Lichon;
Hall: M.T.P. 4-5-5; Strose, Kleiken;
(C. *operculata*; -*Stephanodiscus* *attenuata*, v.) ---
NAGELI, Meneg. A.N.D. p. 333;
OLIGACTIS, E. Ralfs, Prit. p. 312; (C. *compta*, v.; -*Discoplea*.)
OPERCULATA, K.B. p. 50-111; K.S.A. p. 19; R.E.D. p. 11-2f1; Hall: S. p. 1. 1.
23-3143; Arnott; Bremer; R. *pac. exs. 5f*; R. *Al. 1104*; Brem. Cons. p. 22;
Wartmann & Schenck No. 130; Prit. pp. 311, 937-5f53; Bleisch, 1353; R.E.
D. p. 32, f1; Borseow pl. 1f3; Italy: M.D. pl. 12f21; N. & R. S. p. 70; Arnott
Cyc. p. 245; Carr. p. 91; New Zealand; Hall: Pet. liste p. 23; Class. f23;
T.M.S. 1377 pl. 137f23; Macdonald pl. 10f10; Spamer, Oahu; Brun Alp. p.
132-1111; Galina, Papai; Carr. p. 43; Carr. 101; V.H.S. pl. 211-1111-
24; Vinhold; Atlantic City; Woll. pl. 62f22-24; Kane, Hawaii; Strose,
Kleiken; Belloc, Lichon; Herib. p. 191; Ebert, Cassel; Hoffmann, Warburg;
A.M.M.J. 1391 pl. 1f23; Malaisie; Det. S. p. 1354; --- (C. *minutula*; -
Cymbella; -*Discoplea* *Kutzingii*; -*Frustulia*; -*Orthosira*; -*Pyxidicula*.) ---
var., O'M.I.D. p. 257-23f12b; M.T.P. 3-5-10;
v. *antiqua*, Brun Alp. p. 133-1f14n; Herib. p. 192; Det. S. p. 1354; (C. *antiqua*)
v. *mesoleia*, Grun.-V.H.S. pl. 93f25-23; T. 473; Perag. p. 73; Det. S. p. 1354
v. *minutula*, Brun Alp. p. 133-1f7; Det. S. p. 1354; (Cycl. m.) -
v. *radiosa*, Grun. in V.H.S. ?-(Cycl. *compta*, v. *rad.*)
v. *rectangula*, K.S.A. p. 19; (C. *Kutz.*, & 1.) -
OREGONICA, Ralfs, Prit. p. 312; Sm. Sp. 1. 103; (Discoplea.) ---
OVALIS, Brem. Cons. p. 20 (1838); - (Amphora; -Cymbella.)
PANTANELLIANA, Castr. Process. verbali della Soc. Tosc. di Scienze,
Marzo 22, 1835, p. 171; Italy: Atlas 223f1-5; (C. *compta*)
PAPILLOSA, O'M.-M.J. 1375 p. 201; I.D. p. 253-23f15; Vinhold;
Det. Syll. p. 1356;
PATAGONICA, K.S.A. p. 20; (Cycloideis.) -
PELAGICA, Grun.-V.H.S. pl. 94f7, 8; Det. S. p. 1355; (C. *Kutzingii*, v.)
POTEMILIS, Ralfs, A.S. 1353 p. 4; Prit. p. 937; Det. S. p. 1355;
PERUANA, K.S.A. p. 20; Prit. p. 312; Det. S. p. 1357;
PHYSORDEA, K.S.A. p. 20; Prit. p. 311; Woll. pl. 62f20, 22;
Det. S. p. 1357; (Discoplea.) ---
PICTA, K.S.A. p. 20; Prit. p. 312; Det. S. p. 1357; (Discoplea.) ---
PULCHELLA, L.W.B.-B.J.N. 4. 1352 p. 343, f"0"; Det. S. p. 1259;
PUMILA, Grun.-V.H.S. pl. 94f15; T. 33. 11. 316; Det. S. p. 1355; (C. *minutula*, v.)
PUNCTATA, S.B.D. 21. 37; Prit. p. 312-313; Carr. p. 91; New Zealand; R.
D. p. 33; Hall: O'M.I.D. p. 259-23f17; Sm. Sp. 1. 109; Grun. 1373 p. 31;
(Coscino. *laevis*.) ---

+ Stelligera,
" var. Cl. Hgn. - V.H.J. 94 f 27:

+ striata,
" var. bipunctata, A.S. atlas pl. 223 f 15-19:

> superba, A.S. atlas pl. 222 f 35, 36:

> Temperlei, Brun. - atlas pl. 224 f 41-44:

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- PYGMAEA, Pant. 3p. -2f22; 4f59; Del. S. p. 11. p. 1359: *Atlas 224f49-50*
- RADIATA, Bttw.-Q. J. M. S. 1330p. 96-3f11; Prit. p. 313; Sm. Sp. T. No. 340;
M. T. P. 4-6-II: (C. C. Dallasiana; -Melos. sol., & r.)--
- RADIATO-PUNCTATA, Pant. 3p. -36f507: Del. S. p. 1353:
- RECTANGULA, Bttw.-R. S. p. 11: Prit. p. 311, 933-3f14; Del. S. p. 11: 1.
O. ex. No. 110: J. J. C. 1370p. 11-113; Sm. Sp. T. 110; Cl. & M. 173; 21.
(C. Katzingiana, operculata, v., & Meneghiniana, v.---)
- ROTA, K. S. A. p. 19: Prit. p. 312: (Discoplea; -Scotinella 11.)
- ROTULA, K. B. p. 50-2f4; K. S. A. p. 19; Will; S. p. 1. 1. 25-5f5; Prit. p. 312;
Roper, Thames; Malaisie; Arnott Cycl. p. 247: N. & R. S. p. 70: Schum. 1352
in lists: Will; S. p. 1. 1. 111: O. J. C. 1. 2. 25-2f11; Will; p. 311-112:
Kinnora; -(C. (Discoplea) astraea & atmosphaerica; -Discoplea; -Orthosia 146
Stephanouiscus Niagarae; -Stictouiscus.)
- SALINA, Grun.-Rattr. Cosc. p. 603: (Coscouiscus kinnora.)-
- SCOTICA, K. B. p. 50-1f2, 3; K. S. A. p. 19: Prit. p. 311-14f17; Carr. p. 90:
Grun. 1373p. 30; O. M. I. C. p. 259-26f13:
(Hyalouiscus; -C. Ligustica; -Podosira maculata.)--
- SEVILLANA, Deby.-J. M. 1334p. 49; Del. Syll. p. 1359:
- SEX-NOTATA, Deby.-J. M. 1334p. 49; Del. S. p. 1359;
- SIRENSIS, E.-Raf. Prit. p. 312-13f4; Prit. Kinnora p. 5-3f7:
(C. annulata; -Discoplea.)----
- SOLUTA, K.-Notar. 1336p. 129:
- SPINOSA, Schum. 1352. 134-3f15; 1334p. 17: -(Scotinella 11. Niagarae.)---
- STELLIGERA, Cl. & Grun.-V. A. S. p. 1. 91122-25; Cl. 1391p. 37; Del. S. p. 1355; *Atlas pl. 222f48, 49*; - (C. Graeca, v.)--
- STRIATA, Grun., M. T. p. 3-5-7; V. A. S. p. 1. 9213-5; T. No. 322; Will; p. 311, 313, 17; Villet. p. 77; Malaisie; Del. S. p. 1352: *Atlas 223f9-10*:
(C. Dallasiana, stylorum, subulina; -Coscouiscus 11.)---
- " v. ambigua, Grun.-V. A. S. pl. 92f12: *Atlas 223f20*; - (Cycl. a.)-
- " v. Baltica, Grun. 1334p. 40-5f4; V. A. S. pl. 92f13-15; Del. S. p. 1352;
Malaisie;
- " v. interceda, Grun.-V. A. S. pl. 92f10; Del. S. p. 1352: -(Coscouiscus 11. 1354)
- " v. mesoleia, Grun.-V. A. S. pl. 92f10; Del. S. p. 1352: *Atlas 223f14*
- " v. stylorum, Cl. Vega p. 503; V. A. Type No. 470: (C. stylorum.)--
- STYLORUM, Bttw.-M. J. 1330p. 96-3f10; Prit. p. 313; V. A. S. pl. 92f2-5; T. No. 474; Malaisie; *Atlas 223f6-8*: (C. Dallasiana & striata, v.)---
- SUBSALINA, Grun.-V. A. S. pl. 92f11; Del. S. p. 1352:
- SEAKALENSIS, Pant. 1. 46-2f12-9; Notar. 1333p. 553; Del. S. p. 1356:
- TRANSYLVANICA, Pant. 3p. -11f17; Del. S. p. 1353; *Atlas 223f5-6*---
- " v. disseminato-punctata, Pant. 3p. -36f511; Del. S. p. 1359;
- UMBILICATA, Raf. Prit. p. 311: (Discoplea; -Lysigorium Westii.)
- UNCATA, K. S. A. p. 20: Prit. p. 312; Del. S. p. 1353: (Discoplea.)
- VENUSTA, Raf. Prit. p. 312; Del. S. p. 1359: "
- TESTACEA, Del. S. p. 1. 1. 1. 251: *Atlas 223f15-16*

CYLINDROTHECA.-(Rabh. 1881)

- CERSTENBERGERI, Rabh. E. D. p. 145, f45; R. Alg. No. 301; Kirch. Alg. Schlies. No. 199; Delogne; Prit. p. 940; M. S. pl. 42f34: (C. gracilis.)--

GRACILIS, Breb.-Eiben, 1871; V.H.S.p. 188-30f2; T.No. 417; Italy: Det. Syll.p. 566:

(C. Gerstenbergieri: -Gerstenbergi; -Nitzschia; -Nitzschella tania.) -

" v. major, Grun.-V.H.S.pl. 30f1:

CYMATOPLEURA. -- (Nitzsch, 1853) --, Br. Alpes p. 96.

-, Pfitzer p. 117:

-, Tanarek 1879p. 53;

-, Pant. 3p. -7f III:

ANGULATA, Grev.-T.M.S. 1862p. 89-9f1; Wollé 60f16; Det. Syll.p. 601:

APICULATA, S.B.D. 1p. 37-10f79; Mull; Grun. 1862p. 466; Heib.p. 100: R.D.

Ex.No. 23; R. Alg. Sachs. Nos. 1437, 1521 sub; Bleisch, 1863; Eul. Sp. 7.27;

Roper, Thames; Mull; Italy; Kinnord; Lake Michigan; Wollé pl. 60f9, 12:

(C. solea, var.) -

CAMPYLODISCUS, Bailey 1864p. III, f1; B.J.N.H. 1862p. 330-1f9; Sm. Sp. 7.

641; Wollé, 71f9; Det. S.p. 601:

COCHLEA, Brun, 1891p. 25-22f5; Det. S.p. 601:

ELLIPTICA, Breb.-W.S., A.M.N.H. 1851p. 13-3f10, II; S.B.D. 1p. 37-10f80: R.

Alg. No. 641; Mull: Prit. p. 793-9f149; 16f7, 3; Carr. p. 36; R.E.D. p. 60; M.

D. pl. 12f23; Bleisch, 1863; Roper, Thames; Schum. 1864p. 13; Grun. 1862p.

463; Schum. 1867p. 52; Heib.p. 100: Mull: Cl. 1863p. 233: 1891p. 53: Italy:

M.T.P. 2-I-II: Delogne; Sm. Sp. T. II2; Pet. liste p. 24: Strose, Kleiken;

Brun Alp p. 96-1f3; 9f15; Kinnord; Dannf. p. 40; Mobile; Deby Polder p.

14; Spamer, Curan; V.H.S.p. 188-55f1; T.No. 333; Bellée, Luchon p. 52f20:

Wollé pls. 60f5-7; 108f5, 6; Tanarek 1879p. 54; Det. S.p. 593; Herib. p.

160; J.E.C. 1870p. 38.

(Denticula undulata; -Melosira grandis; -Sphinctocystis; -Surirella: ~~var.~~

^{Sw.} Hibernica, Kützingerii, lamella, nobilis, oophena, undata, undulata.) --

" v. constricta, Grun. 1862p. 464-III f13; Schum. 1869p. 35; R.E.D. p. 60;

Brun Alp p. 97: V.H.S.p. 188: Det. S.p. 159;

" v. fracta, Schum. 1867p. 52-1f20:

" v. hibernica, M.T.P. 2-I-12: V.H.S. pl. 55 f 3, 4: (C. hibernica.)

" v. ovata, Grun. 1862p. 464; Gallia, Papan; Det. Syll. 1. 509:

(C. & Surirella ovum: -C. elliptica.) ---

" v. rhomboides, Grun. 1862p. 464; Det. S.p. 509:

(C. nobilis; -Surirella plicata.) ---

" v. subconstricta, Herib. p. 160: V.H.S. 55f2:

GIGANTEA, Pant. 3p. -34f435:

GRACILIS, Pant. 3p. -13f259;

HETEROCYMA, Ralfs, Prit. p. 793:

(Surirella.) ---

HIBERNICA, W.S.-A.M.N.H. 1. 1851p. 13-3f12; S.B.D. 1p. 37-10f31; Prit. p. 793;

Carr. p. 36; R.E.D. p. 61; Sm. Sp. T. II3; Lake Michigan;

T. 364; Wollé pl. 60f8, 10, II; Det. S.p. 600; Herib. p. 160;

(C. elliptica, v.: -Surirella plicata.) ---

" v. major, Papan. -Herib. p. 161:

" v. rhombica, Chase.-Lake Michigan; Det. S.p. 600: -((Cymat. H.)

KINKERI, Pant. 3p. -4f51;

MARINA, Lewis.-M. & R. S.p. 63-1f4; Wollé, 60f14, 15; Det. S.p. 600:

MULTIFASCIATA, Ralfs, Prit. p. 940; Det. Syll. p. 601:

(Nitzschia; -Surirella.) -

CYMATOIDEIS.

circumvallata, Cl. Nav. p. 76-1 f 10, 11: ^{atlas} 2. 12 f 101:
ulcata, Grev. - Cl. Nav. p. 75-1 f 12, 13: - (Nav. 5. & triusculata)
^{atlas 2. 12 f 11 1-10 15, 16 17, 18 19}
v. quadrisulcata, Grev. - Cl. Nav. p. 75: - (Nav. 5.)

NOBILIS, Hantzsch., *Neuw.* 1330p.36-6f6; M.T.P.2-I-10: Cl. & M.No.32:
 (C.elliptica; -Surirella plicata.)
 OVUM, Naeg.-Ralfs, *Prit.* p.793; R.E.D.p.3I; -(C.elliptica; *Surirella.)---
 PARALLELA, S.B.D.Ip.37-30f233; *Grun.* 1362p.463: (C.regula & solea.)--
 REGULA, E.-Ralfs, *Prit.* p.793; R.E.D.p.3I: *Pet. liste* p.24: M.T.P.2-I-13:
Det. Syll. p.300: (C.parallela & solea, var.: -Surirella.)---
 SOLEA, (Breb.)-W.S., A.M.N.H. 185Ip.12-3f8,9; S.B.D.Ip.36-10f73; *Front.*:
 Mull; Braemar; R.Alg.Nos.933,1029; Desmaz.I, No.1554; 2, No.1054; *Wartm.*
 & Schenck No.129 sub; *Prit.* p.793-9f155; 13f9; *Roper*, Thames; *Borscow*
 pl.1f14; Mull; R.E.D.p.60, f13; *Malaisie*; M.D.pl.12f24; *Bleich*, 1363;
Grun. 1362p.463; *Carr.* p.36: *Arenig Bach*; *Nylander*, w.: Cl. 1363p.233:
Vera p.492; 139Ip.53; *Sm.Sp.* 1.114; *Dannf.* 1.40; M.T.P.2-I-14; *Stross*,
Kleiken; *Pet. liste* p.24; *Class.* f17: P. & Lead.; *Lanzi*, Tor.; *Brun Alp*
 p.97-1f10; T.M.S. 1377pl.137f17: *Italy*: Cl. & M.Nos.226,227; *Atlantic*
City; V.H.S.p.163-55f5-7; T.No.365; *Belloc*, *Luchon*; *Perag.* p.33; *Tan-*
arek 1379p.53, f2; *Wolle* pl.30f1-4, 13; *Delogne*; *Gerling* pl.1f3; *Det.*
Syll. p.509; *Spamer*, *Duren*; *Herib.* p.161: A.M.M.J. 139Ip1.1f26:
 (Navicula & Sphincticystis librilis; -Sur.heterocyma & s.)--
 " var."b" apiculata, *Prit.* p.793; *Grun.* 1362p.463: *Brun Alp* p.97-1f11:
 R.E.D.p.60; *Belloc*, *Luchon*: M.T.P.2-I-15, 16; *Perag.* p.33; *Det. S.p.*
 600: *Herib.* p.161:
 " v.gracilis, *Grun.* 1362p.463: *Gallik*, *Papan*; *Det. S.p.* 300:
 " v.regula, *Grun.* 1362p.463; V.H.S.p.163; *Delogne*: (C.regula.)--
 " v.robusta, *Rabh.* E.D.p.3I:
 SPIRALIS, *Chase.* -Lake Michigan; *Det. S.p.* 301:
 THERMALIS, *Ralfs*, *Prit.* p.940; *Det. Syll.* p.301: -(Nitzschia; -Surirella.)-

CYMATOSIRA. ---- (*Green*, 1862)-

BELGICA, *Grun.* -V.H.S.p.157-45f33-4I; *Det. Syll.* p.697:
 BIHARENSIS, *Pant.* 2p.66-3f41,42; *Det. S.p.* 697:
 DEBYI, *Brun & Tp.* p.36-7f13; *Det. S.p.* 697:
 JAPONICA, *Brun & Tp.* p.36-4f12: (Campylosira.)-
 LORENZIANA, *Grun.* 1362p.373-7f25; M.D.pl.42f35; R.E.D.p.124, f37:
Italy: V.H.S.pl.45f32; *Villef.* p.64; *Det. S.p.* 697:

CYMBELLA. ----- (*Agassiz*, 1830)

- , *Meneg.* A.M.D.p.409: - , *Borscow Russ.* L.p.129-15, f9 sub;
 - , A.M.N.H. 1856p.1: - , *Pfitzer* p.3I-3f13:
 - , *Dippel* 1370p.10-1f12: - , *Tanarek* 1379p.4I:
 - , T.M.S. 1377pl.137f5: - , *Petit Classif.* f5: *K. Syn.* p.7:
 - , *Wolle* pl.1f10-12: - , *Notar.* 1366p.29I: 1833
 - , *Atlas* pl.10f7:
 - , *Atlas* pl.9f14, 19, 39, 40, 46, 51, 52, 56, 57, 70:
 - , *Atlas* 7f40-43, 46, 47, 51, 53, 73:
 ABNORMIS, *Grun.* -Botan.Cblt. 1330p.249; V.H.S.pl.3f8;
 Cl. 139Ip.45: *Det. Syll.* 1.357: (C. sinuata.)
 " v. antiqua, *Grun.* 1362p.141-142: *Det. S.p.* 357; -(C. sinuata, v.)
 " v. fossilis, *Pant.* 3p.1. -17f255: -(C. sinuata, v.)

Cypripedium
A. subseriale A. N. S. P.
Chico 1892 p. 134

ABYSSINICA, Grun.-Mart. Flora Bogot. p. 151-1f3; Notat. 133 p. 193;

Det. Syll. p. 351:

-(*C. amphicephala*, v. *hercynica*.)~

ACUTA, Ag. Cons. p. 8: Cl. Nav. p. 164: (Echinella; -Frust. a. & asbestina.)---

ACUTIOSCULA, Vinnora: Cl. Nav. p. 164-4f26:

ADNATA, Breb. Alg. Malaise p. 50, 11.7; Mont. Can. p. 194: -(*Epithemia zebra*.)

*AEQUALIS, Grev.-A.M.N.A. 1354 p. 43-4f4; S.B.D. 21.34; Prit. p. 376: Carr.

1.99: R.E.D. p. 73: Atlas 9f39; Vinnora; Danf. p. 21; Cl. 133 p. 4; 1391,

1.46; Det. S. p. 359: -(*C. angustata*.) Cl. Nav. p. 170: (*C. obtusa* & *subaequalis*)~

> " v. *hybrida*, A.S., Atlas 7f50: -(*C. angustata*.) (Cymb. h.)-

*AFFINIS, K.B. 1.30-3f15; K.S.A. p. 53; R.S.D. p. 23-7f13; Mull; S.B.D. 1p.

13-30f250; Front.; Braemar; Prit. p. 376: Carr. p. 99: Hall; Schum. H. T.

p. 64; Neupauer p. 199-3f70; Nylander, W.: R.E.D. p. 31; Prollius p. 54:

Italy: Lagr. 1373 p. 43; Atlas 9f29, 33; 7f23, 29; Ebert, Cassel; Sr. Sp.

1.115: M.T.P. 2-4-15; Borscow pl. 2f3; Petit & Leud.; liste p. 13; Cl.

133 p. 5, 3; Vega p. 490: 1391 p. 47; Brin All p. 31-3f14; Lanzi, Tor.; V.

H.S. p. 62-2f19; T. No. 25; Malaisie; Perag. p. 55; Gallik, Pagan; Wollé pl.

7f31, 32; Hoffmann, Marburg; Spamer, Duren; Det. S. p. 352; Pant. 3p. 4f52:

52; Herib. p. 63: Cl. Nav. p. 171: Gr. 1882 p. ... -29f26: (*C. excisa*, v. *major*: -

(*C. gracilis*, *parva*, *truncata*, *ventricosa*: -*Cocconema fusidium*, *nanum*.)---

" var. "b" *tumida*, Lagr. 1373 p. 43-2f19; Det. S. p. 353; -(*C. affinis*.)

" var. "g" *semicircularis*, Lagr. 1373 p. 43-2f20; Det. S. p. 355: (Cymb. s.)~

" v. *leptoceros*, Brin All p. 32: (*Cymlophna mac.*: - (Cymb. l.)-

ALPINA, Grun. 1333 p. 143-13f19; R.E.D. p. 31; Brin All p. 32-3f7; Atlas

7f44, 45; Malaisie; Herib. p. 67; Det. S. p. 354; Cl. Nav. p. 161:

" forma minor, Br. & H.-Herib. p. 220;

" v. *conifera*, Br. & H.-Herib. p. 220-6f7:

" v. *Bouleana*, Br. & H.-Herib. p. 220-6f14;

AMERICANA, A.S., Atlas 9f15, 20; Wollé pl. 7f24; Det. S. p. 359; *Albia*

" v. *acuta*, A.S., Atlas 7f75-73: *Albia* (C. Davidsoni & A.)--

AMPHICEPHALA, Nagl.-K.S.A. p. 390: R.S.D. p. 22; Prit. p. 376; R.E.D. p. 77:

Atlas 9f62, 64-66; 7f52: Cl. & M. 29; Brin All p. 30-3f5, 10; Cl. 133 p.

1: 1391 p. 45; Ebert, Cassel; M.T.P. 2-4-14; V. H.S. p. 31-2f3; 1.19; Wollé

pl. 7f15; Belloc, Lichon; Perag. p. 54: Det. Syll. p. 350: -(*C. naviculiformis*.)

> " v. *tumida*, Grun.-Det. Syll. p. 351: (Cymb. t.)--

ANGLICA, Lagr. 1373 p. 42-2f13; Idem. 1374 p. 120; Atlas 9f33; Vinnora; Cl.

133 p. 4; Lake Michigan; V. H.S. pl. 2f4; Wollé pl. 7f33, 34; Trian, 1335 pl.

1f11; Herib. p. 67: (*C. naviculiformis*, & *C. cuspidata*.)-

+ ANGUSTATA^{WS}, Vinnora; Grun. Cl. Nav. p. 161: -(*nav. a. sinuata*; *C. aequalis*, &

APICULATA, New Zealand:

APPENDICULATA, Ag. Cons. p. 9: *ag. al.*, Eur. #1: (Frustulia; -Navicula.)---

APPENDICULATA, Breb. & Godey: - (Navicula amphisthaena.)---

ARCTICA, Lagr.-Atlas 10f12: 7f23-25; Det. S. p. 364; (Cocconema.)---

ARAUCAIAE, E. Mik. p. 296; (Ralfs; -Vide Cocconema.)-

ARCUS, Cassell Alg. p. 429-100f3; Grun., M.J. 1353 p. 4-1f21; S.B.D. 2p. 37:

Prit. p. 375-7f73; Carr. p. 99: R.E.D. p. 33:

(*Ceratoneis*; -*Elmotia*; -*Synedra gibbosa*.)---

ARCTICA, Lagr.-Det. Syll. p. 364: (C. variabilis, v.)---

+ ASPERA, Herib. p. 69-3f10; Cl. Nav. p. 175: -(Cocconema: -*C. gigantea*.)

ASSABENSIS, Castr. Tripoli 1339 p. 3: J.R.M.S. 1339 p. 633; Det. S. p. 355:

acuta, (C. americana, var. a.)

aequalis, a. cl. 1895 p. 19.

" var. diminuta, Gn. - Cl. Nav. p. 170: - (C. obtusa, v. dim.)

" v. Florentina, Gn. - Cl. Nav. p. 170: - (C. subaequalis, v. Fl.)

+ affinis.

+ " v. obesa, Cl. - Le D. vol. 2, No. 17 p. 100-7 f 4.

amphicephala, Cl. Nav. p. 164: (1)

" var. hercynica, Cl. Nav. p. 165: - (C. alysioides)

" " subundulata, Cl. Nav. p. 164: - (

amphiotyp, Cl. Nav. p. 164: - Le D. vol. 2, No. 17 p. 145-9 f 6.
C. nasculoides, v. amp.] Le D. vol. 2, No. 17 p. 145-9 f 6.

+ angustata, Cl. 1895 p. 18

aspera, (Cocconema lano, v.) - a. cl. 1895 p. 2

v. crassa, Gn. 1882 p. 141-29 f 28: Cl. Nav. p. 175:

v. Dubravicensis, Gn. - Cl. Nav. p. 175: - (C. gastroides, var.)

v. minor, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. neogena, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. Bengalensis, Herib. - Cl. Nav. p. 176: - (C. gastroides, v.)

- > AUSTRIACA, Grun.-Atlas pls.9f10; 7If67,63; Cl.139If.4: Del.S.p.359;
 " var., A.S., Atlas 7If69:
 + " var. excisa, Grun.1332p.143-29f27; Part.3If1: -If11: Del.S.p.360; Cl. Nav. p.163:
 " v. fossilis, Pant.3p. -3f133:
 " v. prisca, Grun.1332p.143-29f29; Cl. Nav. p.163: Del.S.p.360:
 AVENACEA, Breb., Alg. Hal. p.50, pl.7:
 BALATONIS, Grun.-Atlas 10f19,20: Del.S.p.363; -(C. helveticus, v.)
 BECCARI, Grun.-Mart. Flor. Bogotensis p.152-If1,2: Notul.1333f.193;
 Del.Syll.p.355; Cl. Nav. p.172:
 BENGALENSIS, Grun.-Atlas 9f12,13; 7If79; Sm.Sf.1.342; Del.S.p.355:
 J.L.S.1334p.515-43f6;
 BEVERLIANA, A.S., Atlas 7If56-61; Del.S.p.369; -(Anomoloneis brachysira)
 BOREALIS, Cl.139If.45-2f19; Nav. p.161: 177f.111:
 BOTELLUS, Lagr.-Atlas 7If39; Cl. Nares: Del.S.p.364; Cl. Nav. p.172:
 (Cocconema; -C. variabilis, v. B.)
 BOECKHII, Flogel, Baltic; Cl.139If.46: (Cocconema; -Doryphora.)---
 BRASILIANA, Grun.-N.L.W.D.p.4-If4; Cl. & M.177,193; Del.S.p.356;
 BUDAYANA, Pant.3p. -15f233;
 " v. gracilior, Pant.3p. -24f363;
 CALSATII, A.S., Atlas 7If43,48; Cl.139If.45; Kinnora; Del.S.p.369; Nav. p.160
 CAESPIOSA, Brun Alp. p.53-3f16: (Encyonema.)---
 " v. pediculus, Brun Alp. p.56-3f13; (Cymb. p.)-
 " v. ventricosa, Brun Alp. p.56-4f4: Malaisie; -(C. & Frustulia ventricosa)
 CAPITATA, Pant.3p. -10f150;
 CHYZERI, Pant.2p.40-11f194; Del.Syll.p.353; Cl. Nav. p.175:
 CISTULA, Hemprich.-Brun Alp. p.53-3f13; Dannf. p.21; Stroese, Kleiken; V.
 H.S.p.64-2f12,13; T.24; B.S.B.Vol.4, p.7-If3,4; Cl. Vega p.490: Gallia,
 Papen; Wollé pls.6f6,7,12: 7f29,35; Kirch. Alg. Schlies. p.139; Herib.
 p.70; Del.S.p.365; Cl. Nav. p.173: (Bacillaria; -Cocconema; -C. minor &
 reniformis; -Gomphonema semiellipticum & simplex; -Lunularia olivacea.)
 " varss., A.S. Atlas 11f24; Herib. p.71:
 " v. arctica, Lagr.-Cl.139If.47; Nav. p.173; Cl. 95p.20: (C. variabilis, v.)---
 " v. curta, Grun.-V.H. Type No.25; Herib. p.72; Cl. 1895p.20:
 " v. fusidium, Her. & P.-Herib. p.71-3f12; -(C. cistula.)
 " v. hungarica, Pant.3p. -3f40: 2f16,17:
 " v. maculata, V.-V. 1.S. p.34; Cl.139If.47; Del.S.p.365; Cl. Nav. p.173:
 (C. variabilis & v. cistula; Frustulia; C. Bouleau & Pauli.) Cl. 1895p.20:
 " v. Sicilica, Grun.-Del.S.p.365; Cl. Nav. p.173; -(Cocconema c. var. S.; -Cym. s.)-
 " v. truncata, Brun Alp. p.53-3f2,13q; -(Bacillaria fulva; -C. truncata.)--
 CLEMENTIS, Pant.3p. -20f303;
 COPULATA, Breb. Alg. Hal. p.50, pl.7: Del.S.p.370: (Cocconema.)---
 COSTATA, Rabh. S.D. pl.7f16; (Error in print, C. epithemioides.)-----
 CRIOPHILA, Grun.1337p.21-7f5: Notul.1339p.335: Del.S.p.359; +
 CUCUMIS, A.S., Atlas 9f21,22; Del.S.p.369; Cl. Nav. p.165:
 CURTA, A.S., Atlas 9f47; Wollé pl.7f30: Del.S.p.369:
 CURVATA, Rabh. S.D. p.23-7f14b; Prit. p.377: Italy: Hoffmann, Marburg;
 R.E.D. p.32; Del.S.p.361;

Australica, Ad. - Cl. Kar. p. 163: C. ...
Austrica, Cl. Kar. p. 163: -

" v. excisa, (C. endobenzana)

Boulciana, H. & Brum. - Herib. p. 220 - 6f/4:
sedatii - (Kar. appendiculat. etc) v. no. 1000-1

Cistula, A. Cl. 1895, ...

" v. maculata, K. - V.H.S. pl. 2 f16, 17:

" v. truncata, Cl. Kar. p. 173:

onifera, Cleve Kar. p. 177: Herib. p. 220 - 6f7:

viridifolia, (Herib. p. 220 - 6f7: v. no. 1000-1)

CUSPIDATA, K.B.p.79-1f10; V.S.A.p.57; Blauwal; Mill: S.B.C.I.13-2f
22; R.Alt. Ann. 961, 1030; Prit.p.373-7f45; Herib.p.109-1f4; Arenig Bach:
New Zealand; Mill: Carr.p.99; S.G.1337p.131, f190; R.L.C.p.77, 73;
Brun Alp.p.59-3f6; Nylander, w.: Delogne; Kinnora; Atlas 9f50, 53-55;
M.T.P.2-4-17; Hoffmann, Marburg; Sm. Sp. 7. II3; Petit, liste p.133; Cl.
133Ip.4; Vega p.490; 139Ip.47; Gallia, Papan; Strose, Kleiken; Kirch.
Alg. Schl. p.133; Malaisie; V.H.S.p.31-2f3; T.No.16; A.S.M.1337p.1.5;
Belloc, Luchon; Lake Michigan; Wollé pl.7f13, 20; Herib.p.65; Cl. *nav. p.166*
(*C. anglica* & *maculata*.) - *Gl. 189 Sp. 18: Petit Cap Horn*

" *v. naviculiformis*, Andersw. - Rabh. Alg. No. 1035 sub; R.L.C.p.73;
V.H.S.p.61; Del. S.p.350; - (*Cymb. nav.*)

" *v. obtusiuscula*, Grun. - V.H. type No. 17 - - *cl. nav. p.166*:
- (*Cymb. v. & cuspidata*.)

CYMBIFORMIS, Ag. Cons. p.10; Hook. Br. Fl. p.414; Cl. 139Ip.47; Herib.p.69;
(*C. cistula*; *Cocconeina cistula* & c.) - - - *Leib. Flor. 1830 p.327 f8*:

- CYMBIFORMIS, Breb., Alg. Ital. p.49, pl.7; Brun Alp.p.57-3f12; Danf. p.31;
Lagr. 1334p.36; V.H.S.p.64-2f11; T.No.290; Cl. Vega p.490; Wollé pls.
5f10; 7f23; Lake Michigan; Gallia, Papan; Strose, Kleiken; Pet. liste
pl.4f6; Thier 1335pl.1f7, 3; Del. S.p.363; Pant. 3p. - 10f14; *Cl. nav. p.172*.
(*Amphora*; *Cocconeina*; *C. variabilis*; *Arustulia c. & coffaeiformis*; *C.*
inflata & *perfecta*; *C. valida*; *C. helvetica*, *v. fossilis*.)

" *v. parva*, W. Sm. Del. Syll. p.364; V.H.S. pl. 2f14

" *v. producta*, Pant. 3p. 7. - 23f346;

DAVIDSONI, Grun. in litt.:

(*C. Americana v. acuta*.) - - -

DELECTA, A.S. Atlas 9f13-13; Del. S.p.369; Herib.p.63; - (*C. Ehrenbergii*, v.)

+ DELICATULA, K.S.A.p.59; R.S.D.p.23; Italy; V.H.S.p.63-3f6; T.No.31;
Prit.p.373; Atlas 7f54, 55; Cl. 139Ip.47; Del. S.p.352; *Cl. nav. p.161*; -

DIANA, Ralfs, Prit.p.377; Carr.p.100; Grun. 1333p.13; Malaisie;

Del. S.p.360;

(*Cocconeina*.) - - -

DIDELIA, A.S. - Cl. 133Ip.4:

EHRENBERGII, K.B.p.79-3f11; K.S.A.p.57; R.S.D.p.22-7f1; Mill; S.B.C.
Ip.17-2f21; R.Alt. Nos. 345, 1437, 503; Prit.p.375-7f45; 9f154; R.L.C.p.
77; Carr.p.99; Bleisch, 1363; Heib.p.106; S.G.1337p.131, pl.133; M.D.
pl.13f31; Cl. 1333p.236; Cl. & M. 94; 139Ip.45; Roper, Thames; Mill: Sm.
Sp. 7. II7; Nylander, w.: Prollius p.54; Strose, Kleiken; Macdonald pl.
10f20; Lagr. 1373p.42-2f17; Atlas 9f6-9; M.T.P.2-4-12; Kinnora; Brun
Alp.p.59-2f30; Grevillea 1372p.39; Pet. liste p.13; 1333pl.4f1; Italy:
Parap.p.54; Hoffmann, Marburg; Kirch. Alg. Schl. p.137; Lake Michigan; V.
H.S.p.60-2f11; T.No.14, 15; Belloc, Luchon; Wollé pl.7f3, 21, 25; Del.
Syll. p.349; Spain, Duran; Galling pl.1f2; Herib.p.64; *Cl. nav. p.165*:
(*C. inaequalis*; *var. minor*; *Del. S. p. 352* - - -

" *vars.*, A.S., Atlas 7f74, 80: (*Cocconeina delecta* -

" *v. minor*, Herib.p.65; - (= *var. delecta*.) - V.H.S. pl. 2f2:

" *v. stauroneiformis*, Rabh. E.D.p.77:

ELEGANS, Cramer. - R. Alg. 144I sub; Hedw. Vol. 2p.65; Sypniew. Okoz.

1360p.517-1f16; Del. S.p.355; *cl. nav. p.162*:

(*C. gastroides*.) - - -

ELIPTICA, Ag. Cons. p.3; *Synchytrium*

(*Amphora*; *Arustulia*.) - - -

ENCYONEMA, Heib.p.110; Cl. 1333p.233;

(*Encyonema*

cuspidatum & *prostratum*; *Cocconeina cymbiformis* & *variabile*.) - - -

+ cymbiformis, A. Cl. 1877/20

+ var. stagnans, Br. - L. D. Vol. 2, no. 16 p. 56-57 26.

+ delicatula, L. Cl. 1877/20

Ehrenbergii.

" var. delicatula ^{ad.} Cl. nar. p. 165: - C. delicata D. Ehrenbergii.

- ENCYONEMA, Leiberg. l. II: Cl. I 333 p. 233: (*C. penetrata*, - (*Encyonema caespitosum* & *prostratum*: - *Cocconeoma cymbiforme* & *variabile*.)
 EPITHEMIOTIDES, Rabh. S. D. p. 22-7 f 16: R. E. D. p. 79: Italy: Prit. p. 376: Spamer, Duren; Del. Syll. p. 360: (Vide *C. costata*.) ---
 ERDOEDYANA, Pant. 2 p. 40-11 f 193: Del. Syll. p. 353: - (*C. austriaca*, v. *excisa*)
 EURYCEPHALA, Rabh. - Prit. p. 376: R. E. D. p. 79; Del. S. p. 360: (*E. pachycephala*.) --
 EXCISA, K. B. p. 30-6 f 17; K. S. A. p. 53; R. S. D. p. 23-7 f 7; Prit. p. 376: Italy: R. E. D. p. 79: Atlas 7 f 35, 36; Belloc, Lichon; Perag. p. 54: Del. S. p. 357; Wolle pl. 7 f 9, 10: (Cocconeoma.) ---
 " forma major, Gutwinski Mat. Fl. Galiciei 1890 p. 25-1 f 21; Notar. 1890 p. 139; Del. S. p. 357: - (*C. affinis*)
 FLEXELLA, K. B. p. 30-4 f 14; 6 f 8; R. S. D. p. 23-7 f 15; Pröllius p. 54: Ebert, Cassel; Hoffmann, Marburg; (Achnanthes; - Achnanthidium Bavaricum: - Cocconeis Thwaitesii.) ---
 FORNICATA, R. S. D. p. 22-10 f 9; R. E. D. p. 73: Prit. p. 376: Del. S. p. 360:
 FRIESIANA, Grun. - Cl. & M. 261; N. L. W. D. p. 5: Del. S. p. 356; - (*Nav. Lundströmii*, var.)
 FULVA, Ag. Cons. p. 10: *Bacillaria*: - (*Navicula*.) ---
 FUSIDIUM, Rabh. S. D. p. 23-7 f 3; Schum. 1. 1. p. 64: (Cocconeoma.) ---
 GASTROIDES, K. B. p. 79-6 f 4b; K. S. A. p. 57; R. S. D. p. 21-7 f 2; Weisse 1850 p. 350-1 f 9; 1854 p. 360-1 f 12; Westendorp, G.: Hilse, 1850 p. 66: Prit. p. 377-14 f 13-20; Spamer, Duren; Bleisch, 1853; Neipauer p. 199-3 f 39; Pfitzer p. 79-4 f 11; R. E. D. p. 79, f 20; Borsow pl. 1 f 17; ^{a-d} Del. S. p. 7, 23; R. Alg. No. 1231: Eiben, 1871; Pröllius pp. 55, 102-2 f 5, 6; M. T. P. 2-4-13; Pet. liste p. 13; Delogne; Sm. Sp. T. II 3; K. & Z. p. 14-1 f 2; Gallik, Papan; Atlas 9 f 1, 2: 72 f 12-14, 26-28; Lake Michigan; Cl. & M. 32; V. i. S. p. 63-2 f 3; T. No. 20: Cl. Vega p. 490; 1891 p. 46; Brun & T. p. 71: Umbolat Jahrg. 1832 p. 132, cymicoma; Grun. 1834 p. 45-1 f 7; Trien 1835 pl. 1 f 5; Belloc, Lichon: Perag. p. 55: Wolle pl. 7 f 4, 5, 12, 13, 23; Del. S. p. 361; Herib. p. 33: A. M. M. J. 1891 pl. 1 f 11: (*C. maxima*; - *C. elegans*; - *Frustulia*.) --
 " var. "b" minor, V. H. S. p. 63-2 f 9; Herib. p. 33: - (*C. aspera*, v.) V. H. S. 2 f 9;
 " var., K. B. p. 79-6 f 4a; K. S. A. p. 57; - (*C. truncata*; - *Bacillaria fulva*.) ---
 " var. crassa, Grun. 1852 p. 141-2 f 28: - (*C. aspera*, v.)
 " v. Dubravica, Grun. 1832 p. 141-2 f 30: - (*C. aspera*, v.)
 " v. Helvetica, Rabh. E. D. p. 30: (Cymb. H.) -
 " v. Kamtschatka, Grun. - Del. Syll. p. 362:
 " v. Neogena, Grun. 1832 p. 141? (*C. aspera*, v.)
 " v. substomatophora, Gutwinski Baykal: Notar. 1891 p. 353; Del. S. p. 362:
 GEMINATA, Breb., Alg. Ital. p. 50, pl. 7: (C. maculata.) ---
 GIBBA, Bailey 1854 pl. 1 f 1: B. J. M. H. 1852 p. 331-f' g': (Cocconeoma cum stipem.) -
 GIGANTEA, Pant. 3 p. - 2 f 321; - (*C. aspera*)
 GRACILIS, E. - K. B. p. 79-6 f 9; K. S. A. p. 53; R. S. D. p. 22-7 f 12; Prit. p. 377: Carr. p. 100; Neipauer p. 139-1 f 13; Schum. 1. 1. p. 64; 1859 p. 35: R. E. D. p. 81; Nylander, W.: Sm. Sp. T. II 9; Brun Alp p. 62-3 f 1; Belloc, Lichon: Wolle pl. 7 f 26; Spamer, Duren; Hoffmann, Marburg; Cl. Nav. p. 169: (*C. affinis* & *maxima*; - *Cocconeoma*; - *Encyonema*; - *C. Scotica humida*.)

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gracilis, cl. 1895, 12.

- v.laevis, Naeg.-R.E.D.p.3I: V.H.S.pl.3fIb; Italy:
 Bellon, Lichon: *Brun. Alpes* p. 62: (C.laevis.)----
 v.minuta, Hilse.-R.E.D.p.3I: (C.minuta.)
 v.robustior, R.E.D.p.3I: (C.gracilis, K.B.)---
 v.Scotica, Rabh.E.D.p.3I: (C.Scotica.)---
 GREGORII, Ralfs, Prit.p.376: R.E.D.p.79: (C.truncata.)--
 GRUNOWII, Pant.3p. -I9f233;
 HAUCKII, VanH.-Hauek & Richter Phyk.Univ.No.I47 cum icone;
 Notar.I33p.622: Det.S.p.354; *Cl. Nav. p. 164-4 f24*;
 HELVETICA, K.B.p.79-3fI3; K.S.A.p.53; R.S.D.p.22-7f4; S.B.D.Ip.I3-2f
 24: Q.O.M.S.I354p.3-4f5; weisse I350p.350-IffIO: Prit.I352pl.I7f24-
 23: I35Ip.376-I4f24, 28: Carr.p.99: New Zealand: Hull: R.E.D.p.30:
 Atlas I04fI3; Pet. & Leud.; liste p.I3; M.T.P.2-4-I6: Dannf.p.2I: Sm.
 Sp.T.I20: ~~Brun. Alp. p. 60-3 f24~~ Cl.I33Ip.4: I39Ip.47; Italy: V.H.S.p.
 64-2fI5; T.32; Bellon, Lichon: Perag.p.55: Wolle pl.7f6: Malaisie: Det
 Syll.p.366: Herib.p.72: *Cl. Nav. p. 174: Tolstap*;
 (C.elegans, leptoceras, Smithii, & gastroides, v.: -Cocconema.)
 vars., S.B.D.2p.34: -, Atlas I0f2I: -, IIf2I:
 v.abbreviata, Grun.-V.H.T.No.33:
 v.fossilis, Pant.3p. -9fI53: (C.cymbiformis.)----
 HERCYNICA, A.S.Atlas 9f30, 3I; Kinnord; Det.S.p.369;
 HETEROPLEURA, E.-Amer.p.I33; K.B.p.79: K.S.A.p.57: R.S.D.p.22; Prit.
 p.376: R.E.D.p.33; Cl. & M.23; M.T.P.2-4-I3: Sm.Sp.T.I2I: Atlas 9f4, 5;
 Mobile; Wolle pl.7fI, 2; Cl.I39Ip.45; Det.S.p.36I: *Cl. Nav. (Pinnularia.)--*
 var., A.S., Atlas 9f3: *p. 166*;
 HEVESENSIS, Pant.2p.40-3f53; Det.Syll.p.353; *Cl. Nav. p. 175*;
 HOPKIRII, Harvey Man.1.2I5: K.S.A.p.37: (Navicula gracilis.)+
 (Cocconema.)---
 HUNGARICA, Pant.2p.40-IffI4; Det.S.p.353: - (C.leptoceras.)
 HYALINA, Ag.Cons.p.7; Brit.Fl.p.4I4; S.B.D.2, p.I02: R.E.D.p.33;
 Det.S.p.370: (Frust.: -Nav.gracilis.)--
 HYBRIDA, Grun.-Cl. & M.I3I; Det.S.p.370: *Cl. Nav. p. 166-4 f23*: (C.aequalis, v.)
 INAEQUALIS, W.S.-A.M.N.H.I355p.255-9f4;
 INCERTA, Grun.-Cl. & M.96: Sm.Sp.T.643; V.H.T.No.30 sub;
 Det.Syll.p.369: *Cl. Nav. p. 170*: - (C.prioca, var. i: - (C.subaequalis *Grun.*)
 INCRASSATA, Breb.Alg.Fal.p.5I, pl.7: (Epithemia gibba.)--
 INFLATA, Breb.Alg.Fal.p.50, pl.7: Det.S.p.370:
 INFLATA, Pant.3p. -6f95: (C.cymbiformis.)----
 INTEGRAL, A.S., Atlas 7If64-36; Det.S.p.363: (Navicula.)-
 JANISCHII, A.S., Atlas 7If3I: Det.S.p.369: *Cl. Nav. p. 177*: - (Cocconema.)-
 JIMBOI, Pant. pt. 3 pl. 85 I30: *Cl. Nav. p. 177*: - (C.cistula?) -
 KAVNENSIS, Pant.2p.40-IffI36: Det.S.p.353; - (C.leptoceras)
 KOCHII, Pant.3p. -If2:
 LAEVIS, Naeg.-K.S.A.p.59; R.Alg.424; R.E.D.p.3I; Sm.Sp.T.344; V.H.
 S.p.32-3f7; Perag.p.55: Cl.I39Ip.47; Det.S.p.352: Herib.p.66:
 (C.gracilis, v.: -Cocconema.) *Cl. Nav. p. 162*;
 LAETEVIENS, Harvey Man.p.2I5; K.S.A.p.73: (Nav.viridis, K.W---
 LANCEOLATA, Ag.Cons.p.9: *Bot. Zeit. 1826*: - (Navicula l. & vilpina.)--

> gracilis, var. lunata, W.S. - Cl. 1895,

hybrida, Gn. - Cl. Nav. p. 169. - (Encyonema) cl. 18

" forma maxime, A.S. Atlas 9f11: Cl. Nav. p. 169: -

helvetica, ~~W.S.~~ Bonn Alp. p. 6-3 f. 3, 119

" v. Balatonis, Gn. - Cl. Nav. p. 174: - (Cym. Bal.)

" v. curta Cl. Nav. p. 174: - (C. Tringiscula)

heteropleura, A. Cl. 1895 p. 18:

" v. minor, Cl. Nav. p. 167: Atlas 9f51, 52: (C. F. h. var.) Cl. 1895 p. 18

" v. lanceolata, A. Cl. 1895 p. 18

" v. substrata, Cl. Nav. p. 167: - (C. h. var. f. A. 4)

incerta,

" var. naviculacea, Gn. - Cl. Nav. p. 170: (C. Nav.)

inlegans, Cl. Nav. p. 168-5f1: - (Encyonema)

Jordani, Gn. - Cl. Nav. p. 169: 5f3, 4: - (Encyonema)

Kamtschatka, S. Atlas 10f31: M.T.P. 3-2-10. (C. h. var.) Wolle p. 7f11.

Lacustris, Ag. - Cl. Nav. p. 167: - (L. M. #108: - (Collatonema C. 2

subcohaerens: - Encyonema C. 8 Illingens: - Schiz.)

LANCEOLATA, E.-Brin Alp.p.57-3f19; Dannf.p.20: Lanzi,Tor.: Kirchner
Alg.Schliesen p.133: Gallik,Papan; V.A.S.p.33-2f7; T.13; Malaisie;
Truan 1335pl.1f3: Lake Michigan; Cl.139Ip.43: Stosse,Vleiken; Del.
Syll.p.363: Pant.3p. : Herib.p.33: Cl. Nav.p.174: 1895p.20+1f12;
(Cocconema; -C.gastroides & maxima.)----

- " var., A.S., Atlas 10f1: , Herib.p.39;
- " v.aspera, Brin Alp. p.57-9f16; Del.S.p.353: -(Cymbella & Cocconema.)---
- " v.cornuta, Grun.1332p.141: Cl. Nav.p.174: -(Cocconema c.)
- " v.fossilis, Pant.2p.40; 3p. -23f344: Del.S.p.353; Cl. Nav.p.174;
- " v.robusta, Pant.3p. -23f350;

LATEFASCIATA, Ag.Cons.p.3: (Navic. cuspidata.)---
LATESTRATA, Pant.3p. 7. -1f9: (C.Austriaca, v?)

LEPTOCERAS, K.B.p.79-3f14: V.S.A.p.53; R.S.D.p.22-7f14a: Prit.p.377;
Schum.H.1.p.64; Nylander, w.: R.E.D.p.31: Brin Alp p.32; Wille pl.7f3:
Italy; Hoffmann, Marburg; V.A.S.p.32-2f18; Lake Michigan; Perag.p.55:
Del.Syll.p.353; Herib.p.33: Cl. Nav.p.162: (C.hungarica, Kaonensis, Neupauer)
(Cocconema; -C.affinis & Helvetica; -Cymbophora maculata.)---

- " var."b"elongata, V.A.S.p.32-3f24; "A" f2; Perag.p.55: Del.S.p.353;

LINDHEIMERI, Grun.-Atlas 10f34,35; Del.S.p.369;

LINDSAYANA, Grev.-Trans.Bot.Soc.Edinb.1364p.234-3f3: Del.Syll.p.
353; New Zealand;

- " vars., Grev.-Trans.Bot.Soc.Ed.1364p.234-3f5-7:

LINEATA, Harvey Manual p.215; K.S.A.p.59: (Cocconema cymbiforme.)---

LUNATA, S.B.D.2p.34; A.M.N.H.1355p.43-9f5; Prit.p.377; R.E.D.p.32:

Carr.p.100: Petit,1333p. : Del.S.p.361: (Encyonema.)---

LUNULA, Rabh.S.D.p.23-7f11; R.Alg.No.1166; Ebert, Cassel: weisse 1330p.

353-1f11; 1334p.107-1f7; Hoffmann, Marburg; Spaner, Duren; -(C.maculata, v.)

MACULATA, K.B.p.79-6f2a,b; 29f32; K.S.A.p.53; Marissal; Mill: S.B.D.

Ip.13-2f23; R.Bac.No.63; Prit.p.377; Carr.p.99: R.E.D.p.30: Arenig

Bach; Mill: Neupauer Asatag p.192-2f42; Suring.3p.1.13-2f24: Italy:

Nylander, w.: Del.1373p.43; 1334p.59,16; Delogne; Petit & Leda.; K.

Alg.No.35: Atlas 10f3; Stosse,Vleiken; Cl.133Ip.4,3; Nares; Sm.Spl.1.

122; Perag.p.55; Malaisie; Lake Michigan; Deloni,

Port.: Wille pl.7f22; Truan 1335pl.1f9; (C.ventricosa: -(Cocconema; -

C. & Cocc. lunula; -C.cuspidata, cistula, var., & geminata; -Tristilia.)---

" v.major, Rabh.E.D.p.30: (C.lunula.)-

MARGINATA, Harv.Man.p.215; K.S.A.p.37: (Nav.Brebissonii.)--

MARINA, Pant.3p. -19f274: -(amphora angusta, v. ventr.)

MARINA, Cassl.1337p.21-27f13: Del.S.p.359; -(amphora angusta.)

MAXIMA, Naeg.-K.S.A.p.90: R.S.D.p.22; Prit.p.377:

(C.gastroides, gracilis & lanceolata.)-

+ MICROCEPHALA, Grun.-V.A.S.p.33-3f36-39; Balloe, Liehon; Cl.133Ip.4:

Perag.p.55: Del.S.p.353; Herib.p.37: Cl. Nav.p.160; -(C.minuscula.)

MICROSTOMA, R.S.D.p.22-10f3; Prit.p.377: R.E.D.p.33; Del.S.p.355;

MINOR, Ag.Cons.p.3: British Flora p.414:

(Cocconema cistula; -Tristilia; -Sirirella thermalis.)--

MINUSCULA, Grun.-Atlas 9f33-31: Del.Syll.p.359: -(C.microcephala.)

Laponica, Cl. Nav. p. 165-4 f28: Cl. M. # 271:

Lata, Gn. - Cl. Nav. p. 165-4 f27:

Leptoceras, Cl. 1895 p. 18:

" v. angustata, Gn. 1882 p. 142-29 f33, 34: Cl. Nav. p. 163:

" v. excisa, Pet. - Gn. 1882 p. 142: Cl. M. 145: Cl. Nav. p. 163:
(C. turgida, var. ex.)

" v. minor, Gn. 1882 p. 142-29 f32: Cl. Nav. p. 163:

" forma curta, Henb. p. 220:

lunula, (C. gracilis.)

Mexicana, S. Cl. Nav. p. 177: - (C. Kant.; Cocconeus.)

microcephala, Le D. 2, 20. 17 p. 100-7 f8: a. Cl. 1895 p. 17

- MINUTA, Hilse, Rab. Alg. p. 66, 1363; Alg. Eur. No. 1261; R.E.D. p. 31; Perag. p. 55: (C. gracilis, v.: -Encyonema ventricosum.) ----
- MOOREANA, Grun.-Atlas 9f71-75; Det. Syll. p. 359: Cl. Nav. p. 167:
- NAVICULA, Ralfs, Prit. p. 377; Atlas 9f35; M.T.P. 3-2-5; Det. S. p. 370: (Cocconeis.) ----
- NAVICULACEA, Grun.-Cl. & M. No. 272; Cl. 1331f. 4, 13-3f11; 1391f. 45; Det. Syll. p. 357: (C. incerta, v.) (C. pisciculus, v.) ---
- " v. incerta, Cl. 1331f. 12; 1391f. 45:
- NAVICULAEFORMIS, A. Persw.-Rab. Alg. Eur. 1055; Herib. p. 103-1f3; Kinnora; Cl. 1337f. 667; 1333p. 236; Schum. H.T. pp. 42, 63-2f29; Gallia, Papan; Lake Michigan; Kirch. Alg. Schl. p. 137; A.J.M. 1373p. 103; Wille pl. 7f7, 14; Herib. p. 65: Cl. Nav. p. 166: (C. anglica, pp.: - (C. cuspida, v.) ----
- " var., H. V.H.S. pl. 2f5:
- NEUPAUERI, Pant. 2p. 40-11f137; Det. S. p. 353: - (C. leptoceras.)
- NORVEGICA, Grun.-Atlas 9f67, 68; 10f38, 41; Cl. 1391f. 45; Kinnora; Herib. p. 37; Det. Syll. p. 359: Cl. M. #268. Cl. Nav. p. 169: Cl. 1875:
- NOVILUNARIS, Ag. Cons. p. 9; K.S.A. p. 37; Det. Syll. p. 361: Bot. Zeit. 1826:
- OBTUSA, Pantoc. 3p. -5f79: - (C. aequalis.)
- OBTUSA, Grun.-M.J. 1356p. -1f19; S.B.D. 2p. 102; Prit. p. 377; Italy; Sm. Sp. 1. 645; Carr. p. 99; Petit, Nimrod; Malaisie; Atlas 9f41-45; 71f72; V. H.S. p. 31-3f1a; 1. 129; Dannf. p. 22; Det. S. p. 351; Herib. p. 65:
- " v. diminuta, Grun.-V. d. T. No. 129 sub: - (C. aequalis, v. diminuta.)
- OBTUSIUSCULA, K.B. p. 79-3f68; K.S.A. p. 57; R.S.D. p. 23-7f3; Prit. p. 376; New Zealand; Schum. H.T. p. 64; R.E.D. p. 32; Italy; Atlas 9f49; Amazon; Kinnora; Cl. Nav. p. 161: (C. cuspida, v.) ----
- OLIVACEA, Breb. Alg. Ital. p. 51, pl. 7; Det. S. p. 370:
- OPERCULATA, Ag. Cons. p. II: Bot. Z. 1827: (Fristulia: - (Cyclotella.) -
- ORSINIANA, Rabh. S.D. p. 23; R.E.D. p. 32; Det. Syll. p. 359: (Cocconeis gibba, v.: -Fristulia.) -
- OVALIS, Breb. Alg. Ital. p. 50, pl. 7: (Amphora; -Cyclotella.) ---
- PACHYCEPHALA, Rabh. S.D. p. 22-7f10; Prit. p. 376: (C. eurycephala.) ----
- PACHYPTERA, Pant. 3p. -21f304, 315;
- PARVA, H. V. d. S. p. 34-2f14; 1. No. 23; Lake Michigan; Cl. 1331f. 4; 1391f. 47; Gallia, Papan; Wille pl. 7f19; Herib. p. 70: Cl. Nav. p. 172: (Cocconeis; -C. affinis: -C. euryptera, v.) Coc. pachyptera.)
- PAULI, Her. & Perag. -Herib. p. 70-3f11: - (C. cistula v. mac.)
- PEDICULUS, K.B. p. 30-5f3; 3f7; K.S.A. p. 53; A.M.N. 4. 1353p. 2-1f13-20; R. Bac. No. 19; R. Alg. No. 461; Neupauer p. 192-2f41; Schum. H.T. p. 64; R.E.D. p. 32; Perag. p. 55; Ebert, Cassel; Bellec, Lichon: (Amphora; -Cocconeis; -Fristulia lens.) --
- PELAGICA, Castr. 1337p. 21-27f4; Det. Syll. p. 359;
- PERAGALLOI, Pant. 3p. -42f534;
- PERFECTA, Pant. 3p. -17f249: (C. cymbiformis.) ---
- PHOENICENTERON, Ag. Cons. p. 10: - Bacillaria: - (Navicula; -Stauroneis.) --
- PICTA, Breb. Alg. Ital. p. 50, pl. 7: (Cystopleura & Epithemia turgida.) -
- PISCICULUS, Grun.-M.J. 1356p. 5-1f20; S.B.D. 2p. 102; Prit. p. 376; Carr. p. 99; Italy; R.E.D. p. 79; Kinnora; Sm. Sp. 1. 646: - (C. gracilis, v. laevis.) --

+ nervifrons, a. cl. 1880

oregonica, Cl. trav. p. 167-4 f 25:

parva, a. cl. 1895 f. 1; ci. 570 # 3. 57

" var. hungarica, Gn. - Cl. trav. p. 172: - (Cocona. L.)

+ perpusilla, a. cl. 1880 p. 17-1 f 25:

PISCICULUS,

" var. *Cl. 1381. 13-10ff12* (*Nav. incerta*) *Cl. incerta. Cl. M. 96?*

PLUTONIA, Pant. 31. -20f297:

PORRECTA, Rabh. S. D. 1. 22-10f10; Prit. 1. 373; Italy; R. E. D. 1. 73;
Det. Syll. p. 357;

PRAECLARA, Pant. 3p. -33f512:

PROSTRATA, Blum Alp. 1. 55-3f15; *Cl. Nav. p. 169: (C. encyonema: (Monema:*
(*Encyonema p., paradoxum, maximum: -Glossonema paradoxum: -Schizonema.)*

PUSILLA, Grun. 1363p. 3; Amazon: Atlas 9f33, 37; V. H. S. p. 32-3f5:

Darrf. p. 22: Det. S. p. 351; Herib. p. 66: *Cl. Nav. p. 162:*

QUINQUEPUNCTATA, Breb. Alg. Ital. p. 51, pl. 7: Det. Syll. p. 370:

RAKOCZYANA, Pantoc. 3p. -3f121;

RENIFORMIS, Ag. Cons. p. 10: Leibl. Flor. pl. 1f2; Hook. Br. Fl. p. 414; Harvey
Man. p. 215; S. B. D. 2p. 102: (*Cocconema cistula & r.: -Euastrum?*) -

RHEINHARDTII, Grun. -Atlas 9f27; Det. S. p. 369: *Cl. M. #132: Nav. p. 162:*

ROSTRATA, Rabh. S. D. p. 22-7f15; Prit. 1. 373; R. E. D. p. 73; Italy:
Det. S. p. 360;

ROTUNDATA, Chase. -Lake Michigan: Wolle pl. III f19:

RUPICOLA, Grun. -Atlas 7f70, 71; Cl. Nares p. 314; V. H. T. 23 sub;
Det. Syll. p. 370: *Cl. Nav. p. 162:*

SALINA, Pantoc. 2p. 40-1f9: Det. S. p. 353; *Cl. Nav. p. 176:*

SALINATUM, Grun. -Atlas 9f23; Darrf. p. 22: V. 1. 1. No. 22 sub;
Cl. 1391p. 47; Det. S. p. 370:

SCALPRUM, Ag. Cons. p. 11: (*Navicula; -Pleurosigma.*) --

SCHMIDTII, Grun. -Atlas 9f43; Det. S. p. 369: *Cl. Nav. p. 161:*

SCOTICA, S. B. D. 1. 13-2025; Prit. 1. 377; Schm. 1. 1. 34; Amazon:
Carr. p. 99; Hull; Arenig Bach; Atlas 10f22;
(*Cocconema; -C. & Encyonema gracile.*) ---

" var. "b", S. B. D. 2, 1. 34;

SEMILUNARIS, Lagr. -Atlas 7f26: (*C. affinis, v.*) -

SIENOIDEA, Ag. Cons. p. 11:

(*Bacillaria p. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000*

(*Finetilia & Sigatilla nitzschii: -Navicula; -Synalga.*)

SILESTACA, Bleisch. -Law. Vol. 51. 56: *R. alg. (Encyonema verticillatum, v.) ---*

SIMPLEX, Pant. 31. -21f303;

STUATA, Grun. -M. J. 1351. 4-1f17; Prit. 1. 375; Carr. p. 99: *Cl. Nav. p. 170:*
R. E. D. 1. 33; Det. S. p. 361; (*C. abnormis: Gomp. asymmetricus*) --

SMITHII, Rab. E. D. p. 30; Strose, Kleinen: (*C. Helvetica.*) -

SOLFA, Breb. Alg. Ital. 1. 51, pl. 7: Det. S. p. 370: (*Cyrtolista.*) --

STAUDII, Pant. 31. -3f131;

STAUROBIFORMIS, Lagr. 1373p. 45-1f15; Atlas 7f62, 63; Law. 1374p.
121; Malaisie; Det. S. p. 354; *Cl. Nav. p. 165:*

STODDERI, Cl. -N. L. K. D. p. 5-1f5; Cl. & M. Nos. 212, 274; Wolle pl. 33f34;
Det. S. p. 355; *Cl. Nav. p. 163:*

STOMATOPHORA, Grun. -Atlas 10f28-30; Pet. liste p. 18; Wolle pl. 7f17, 18;
Lake Michigan; Herib. p. 63: (*Cocconema; -C. tumida, Breb.*)

STURII, Grun. 1332p. 140-1f15; Det. S. p. 370; Pant. 31. -19f237: *Cl. Nav. p. 174:*

STUXBERGII, Cl. -Det. Syll. 1. 357: *Nav. p. 173-5f2:* (*Cocconema.*) ---

SMAVIS, Pant. 31. -15f229:

sinuata, Cl. 1895 p. 19:

" v. antiqua, Jr. - Cl. Nav. p. 171: - (C. albicincta, v.)

" v. fossilis, Pt. - Cl. Nav. p. 171: - (C. " v.) -

spuria, Cl. Nav. p. 166: *Leb. 2, no. 17 p. 100 - 7 f 5, 6.*

SUBAEQUALIS, Grun.-V.H.S.p.61-3f2,4; T.No.29; "A"fl: Herib.p.65:

Cl.139Ip.46; Det.S.p.351;

-(C. aequalis.)

" v. floridana. Grun.-V.H.S.p.1.3f3; T.No.30; -(C. aequalis, var. f.)

SZONTAGHII, Pant.3p. -10f161;

TRUNCATA, Grun.-M.J.135p.37-4f3; R.S.D.p.21-7f3; S.B.D.2p.101: Prit.
p.377: Carr.p.99; Schum.H.T.p.64; Gallik, Papan; R.E.D.p.30: Spamer,
Duren; Det.S.p.357: Hoffmann, Marburg;

(C. affinis-Gregorii-cistula, var., & gastroides, v.)

TUMIDA, Breb.-V.H.S.p.64-2f10: T.21; Cl.Vega p.490; 139Ip.47; Det.S.

p.366: Herib.p.72: -(Cystopleura; -Cocconema stomatophora & t.) Cl. Nav. p.176.

TUMIDULA, Grun.-Atlas 9f33; Sm.S.1.7.347; Cl.& M.195; V.1.1.No.27;

(C. maculata, Breb.: -C. affinis, v., & amphicephala, v.) -- Cl. Nav. p.171

TURGIDA, Hassall Alg. p.428-100f7: (Cystopleura; -Epithemia.)

TURGIDA, Greg.-M.J.135p.5-1f13; S.B.D.2, p.102: Prit.p.376: Carr.p.99:

Grun.1365p.9; Amazon: R.E.D.p.79: Atlas 9f34; Malaisie; Brun Alp p.

30-3f4; Pet.1383: Perag.p.55; Pant.3p.7-6f103; Belloe, Luchon;

(Encyonema.) -- Cl. Nav. p.168: 1895p.19:

TURGIDULA, A.S., Atlas 9f23-26; Petit & Leud.; liste p.13; Dannf.p.

21; Cl.& M.No.36; Cl.138Ip.3; V.H.1.27 sub; Perag.p.55: Wille pl.

7127; Belloe, Luchon; Det.S.p.370; Herib.p.63: Cl. Nav. p.171: (C. turgidulapp.

VALIDA, Pant.3p. -9f154: -(C. cymbiformis.) --

VARIABILIS, Reiberg p.110: Lagr.1373p.44: Cl.1363p.235:

(Cocconema v., cistula, cymbiforme, lanceolatum: C. ventricosa.)

" var. "a" arctica, Lagr.1373p.44-2f21:

(Cymb.a.) --

" var. "g" botellus, Lagr.1373p.44-2f22:

(C. botellus.) --

VARIABILIS, Wiermouth.-Breb. Alg. Gal. p. : Brun Alp. p.31-3f3; Cl.

1367p.367: Italy:

(C. cistula, v., &

maculata; -Cocconema v., cistula, cymbiforme, lanceolatum.)

VEGETA, Pant.3p. -24f359:

VENTRICOSA, Ag.Cons.p.9; W.B.p.30-6f16: W.S.A.pp.58,37: S.B.D.2, p.34;

R.S.D.1.23-7f9; Braemar; R.D.Ex.No.24; Wisse 1330p.353-1f12; Prit.

p.377: Sur.Jap.p.15-2f25; Girard Foss.p.9-2f11; Carr.p.99; R.E.D.p.

32: Hull; Bleisch, 1363; Italy; Ebert, Cassel; Petit liste p.13; Brun

Alp p.56-4f4; Hoffmann, Marburg; Spamer, Duren; Prollius p.55; Perag.

p.55; Wille pl.6f13: Cl. Nav. p.168: 4 (Cocconema gibbum: -Tristilia;

Cymbophora; -Encyonema v., & var.: -C. ventricosa, var., & affinis.) --

YARRENSIS, Brun & T. p.71: Cl. Nav. p.162:

(Encyonema.) --

ZEBRA, Hassall Alg. p.428-100f8;

(Epithemia; -Cystopleura.) ----

CYMBOPHORA. ---- (Breb., 1838.) -- Kz. Syn. p.37 = Subg. of Gomphonema:

CONFALIFORMIS, Breb., Cons.p.14:

(Amphora.) ----

FULVA, Breb. Cons.p.14:

(Gomphonema simplex.) ---

GASTROIDES, Breb. Cons.p.14:

(Gomph. simplex.) ----

MACULATA, Breb. Cons.p.14:

(Cymbella leptoceros; -

Encyonema lunula; -Enc. ventricosum, var.)

VENTRICOSA, Breb. Cons.p.14;

(Cymbella; -Encyonema.) ---

triangulum, E. Cl. Nav. p. 168: - (Ency.: - *Glacina*)

tumida, (Cocma. gibba: - C. & *trimalop h.*)

" var. borealis, Gn. - Cl. Nav. p. 176: - (C. Stomat. var.)

" v. fossilis, Gn. - Cl. Nav. p. 176: - (C. Stomat. ")

" " , gibba, Gn. - Cl. Nav. p. 176: - (C. Stomat. ")

~~tumida~~, Led. vol. 2, no. 17 p. 100. 1877

turgida,

" var. excisa, Petit, Bull. Soc. Fr. 1877 pl. 152: - (C. leptocoma ")

turgidula,

" v. salinarum, Gn. - Cl. Nav. p. 171:

Oestrup 1897 p. 311:

ventricosa, - (Ency. prot., pp., *Quersmulli* & *caespitosa* &

lunula: - Cocma. *lunula*: - C. *maculata*, *silesiaca*,

minuta, *variabilis* & *affinis*, var.) DC. 1845 p. 19:

" var. *caespitosa*, K. - DC.

" var. *obtusa*, Gn. - Cl. Nav. p. 169: - (Ency. caesp. ")

" v. *ovata*, Gn. - Cl. Nav. p. 169: - (Ency. caesp. ")

-, Meneg. A.A. 2. p. 403:

ACARDII, K.B. 1. 77-20f3; V.S.A. p. 57; Italy: Prati. 1. 375-14f14; R.E.D.
1. 113, f29; Grun. 1363p. 7; M.D. pl. 14f13; M. & R.S. 1. 33: M.T.P. 2-3-4;
Fortm. Cey. p. 14; wolle pl. 29f5, 6:

(*Achnanthes seriata* & *subsessilis*: *A. baccata* var. *seriata*.)

MINUTULA, Grun. 1363p. 146-13f17; R.E.D. p. 113: (= *Achnanthes glaberrima* v.)

CYSTOPLEURA. --- (Zeb., 1847) -

ALPESTRIS, Bieb. - K.S.A. p. 3:

(*C. alpestris*, v.: - *Epithemia*.) -

ARGUS, E. - Kunze Rev. p. 391; Del. Syll. p. 732:

(*Epithemia*.) ---

" v. *alpestris*, Bieb. - De Toni, Syll. p. 733:

(*Cyst. a.*) -

" v. *Goeppertiana*, Hilg. - De Toni, Syll. p. 733:

(*Epith. G.*)

" v. *longicornis*, W.S. - De Toni, Syll. p. 733:

(*Epithemia* & *C. long.*) ---

ARGENTINA, Brun & Th. - Del. S. p. 733:

(*Epith. A.*)

BALTICA, Schum. - Del. Syll. p. 739; Kunze Rev. Pl. p. 739:

(*Epith. B.*)

BIMARENSIS, Pant. - Del. Syll. p. 733:

(*Epith. B.*)

CLAVATA, Dickie. - De Toni, Syll. p. 733:

(*Epith. c.*)

CAPITATA, Schum. - Del. S. p. 739; Kunze Rev. Pl. p. 391:

(*Epith. c.*)

CILIATA, Meneg. - Del. Syll. p. 739:

(*Ep. cil.*) -

COSTATA, Meneg. - De Toni, S. p. 739:

(*Ep. cost.*)

CINGULATA, E. - De Toni, Syll. p. 790:

(*Ep. cing.*)

CISTULA, Kunze Rev. Pl. p. 391; Del. S. p. 790:

(*Ep. cist.*)

" v. *lunaris*, Grun. - Kunze Rev. Pl. p. 391; Del. S. p. 790:

(*Ep. lin.*) -

COCCONEMA, E. - Kunze Rev. Pl. p. 391; Del. S. p. 790:

(*Ep. coc.*) -

DEBYI, Pant. - De Toni, Syll. p. 737:

(*Epith. D.*)

ERUCALIFORMIS, Pant. - Del. Syll. p. 733:

(*Ep. eruc.*)

" v. *subcapitata*, Pant. - De Toni, Syll. p. 733:

(*Ep. sub.*) -

GIBBA, Kunze Rev. Pl. p. 391; Del. S. p. 730:

(*Ep. gibba.*)

" v. *Boryana*, Pant. - De Toni, Syll. p. 731:

(*Ep. g., var.*) ---

" v. *gibbosa*, Schaar. Aegin. 133p. 7; Del. S. p. 731:

(*Ep. g.*)

" v. *parallela*, Grun. - Del. S. p. 730:

(*Ep. par.*) -

" v. *rectimarginata*, Ratt. - Trans. Bot. Soc. Ed. (Tolstoa) 133p. 433-
29f6; Del. Syll. p. 731:

(*Ep. rect.*)

" v. *subparallela*, Schaar. Aegin. 133p. 7; Del. S. p. 731:

(*Ep. subpar.*)

" v. *tumida*, Schaar. Aequator. 133p. 7; Del. S. p. 731:

(*Ep. tum.*)

" v. *ventricosa*, E. - De Toni, Syll. p. 731:

(*Epith. vent.*) ---

GIBBERULA, Kunze Rev. Pl. p. 391; Del. S. p. 736:

(*E. gibber.*) ---

" v. *minuta*, Hantz. - De Toni, Syll. p. 736:

(*Ep. min.*) -

" v. *perlonga*, Pant. - De Toni, Syll. p. 737:

(*Ep. per.*) -

" v. *producta*, Grun. - Del. Syll. p. 733:

(*Ep. prod.*) -

" v. *protracta*, Grun. - De Toni, Syll. p. 733:

(*E. protr.*)

" v. *quinquecostata*, Rabh. - Del. Syll. p. 736:

(*E. quin.*) -

" v. *reticulata*, Grun. - Del. Syll. p. 733:

(*Ep. ret.*) -

GLOBICEPS, Heiberg. - De Toni, Syll. p. 737:

(*Ep. g.*) ---

HYNDMANNII, W.S. - De Toni, S. p. 779:

(*Epithemia.*)

INFLATA, Pant. - De Toni, Syll. p. 737:

(*Ep. infl.*) -

LINDIGII, Kunze Rev. Pl. p. 391; Del. S. p. 731:

(*Ep. Lin.*) -

KURZIANA, Rabh. - De Toni, Syll. p. 739:

(*Epith.*) ---

➤ *C. cuneata*, Grun.; Moller 2
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Dendrelion. -

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- MARGARITIFERA, Radl.-Kunze Rev.Pl.p.391; Det.S.p.731: (Epith.)--
 MONOLIFERA, Petit.-DeToni, Syll.p.739: (Epith.)--
 MULTICOSTATA, Pant.-Det.Syll.p.737: (Epith.)--
 MUSCULUS, K.-Kunze Rev.Pl.p.391; Det.S.p.735: (Epith.)--
 " v.constricta, Breb.-DeToni, Syll.p.735: (Epith.)--
 OCELLATA, Breb.-K.S.A.p.3; Det.Syll.p.733: (Epith.)--
 PETHOEI, Pant.-Det.Syll.p.733: (Epith.)--
 SCUTELLUM, Breb.-Kunze Rev.Pl.p.391; Det.S.p.739: (Epith.)--
 SMITHII, Cairuthers.-Kunze Rev.Pl.p.391; Det.S.p.739: (Epith.)--
 SUBSALSA, Pant.-Det.Syll.p.733: (Epith.)--
 " v.validior, Pant.-Det.Syll.p.733: (Epith.)--
 SOREX, K.-Kunze Rev.Pl.p.391; Det.S.p.730: (Epith.)--
 SALINA, Pant.-Det.Syll.p.779: (Epith.)--
 " v.nuda, Pant.-Det.Syll.p.779: (Epith.)--
 TURGIDA, w.S.-Kunze Rev.Pl.p.391; Det.S.p.777: (Epith.)--
 " v.granulata, E.-Det.Syll.p.773: (Epith.)--
 " v.vertagus, E.-Det.S.p.773: (Epith.)--
 " v.westermanni, E.-Det.S.p.773: (Epith.)--
 " v.zebrina, E.-Det.Syll.p.779: (Epith.)--
 VILIATA, Pant.-Det.Syll.p.779: (Epith.)--
 ZEBRA, E.-Kunze Rev.Pl.p.391; Det.S.p.734: (Epith.)--
 " v.porcullis, K.-Det.Syll.p.735: (Epith.)--
 " v.proboidea, K.-Det.Syll.p.734: (Epith.)--
 " v.Saxonica, K.-Det.Syll.p.734: (Epith.)--

DACTYLIOSOLEN. - (Castr., 1887.)-

- ANTARCTICUS, Castr. 1837 p.75-9f7; LeD.No.9, p.104-13f7; Det.S.p.321:
 PERCONII, Parag.-LeD.No.9, p.101-13f5; Det.Syll.p.321: Cl. 1897 p.23:
 MEDITERRANEUS, Parag.-LeD.No.9, p.104-13f8, 9; Det.S.p.322:
 (Lauderia; -Leptocylinurus Danica.)
 " var. tenuis, Cl. Scot. p. 300, f.14; Cl. 1897 p.23:

DEBYA. ----- (Rattray, 1886.)-

- INSIGNIS, Pant. Ip. 35-29f293; Notul. 1333 p.533; Pant. 2, p.109:
 Det.Syll.p.1394: (Actinoptychus.)
 OAMARUENSIS, Gran.-J.R.M.S. 1883 p.909:
 (Rattrayella; -Eupouiscus (& Glyphouiscus) O., & Simbirskianus.)---

DENDRELLA. ----- (H.Vincent, 1822.)-

- GEMINATA, Bory.-Encyclop.p. : (Gomphonema.)--
 LINGBYEI, Bory, Encyclop.p. : (Gomph. geminatum.)--
 OLIVACEA, Bory, Encycl.p. : (Gomphonema.)--
 STYLLAROIDES, Bory, Encycl.p. ; (Gomph. geminatum.)---

DENTICELLA. ----- (Ehr., 1838.)-

- ARMATA, Fortm.-DeToni, Syll.p.885: (Biddulphia.)--
 AURITA, E.-Inf.p.210; Mik. pl. 35A-25f7; A.J.S. July 1856 p.1-1f26-23;
 (Biddulphia.)--
 BIDDULPHIA, E.-Amer. pl. 2-6f19; Prit.p.345 (1852): (Biddulphia.)--

7 polymera, E.-? - (Zidd. pol.)

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- BLANDA, A.S.-DeToni, Syll. p. 336: (Biddulphia.)--
 CORUSCANS, A.S.-DeT. Syll. p. 336: (Bidd.)--
 DUBIA, Bailey So. p. 14, 157: (Bidd. aurita & granulata.)---
 ELESDIANA, Pant.-DeT. Syll. p. 335: (Bidd.)--
 FIMBRIATA, Grev.-Grün. I 384 p. 5; DeT. Syll. p. 334: (Bidd.)--
 FRAGILARIA, E.-Abh. Ber. I 335 p. 129; I 344 p. 79; Vreia. I 333 p. : Mik. pl.
 2 If 3 I; K.B. p. 133; K.S.A. p. 137; DeT. S. p. 336: (Lithocarya.)---
 GRACILIS, E.-Abh. Ber. I 340 p. 12: (Bidd. & Quontella aurita.)-
 HEIBERGII, Grün.-DeT. Syll. p. 334: (Quontella.)---
 INDICA, E.-Abh. Ber. I 345 p. 362: (Bidd.)---
 LAEVIS, E.-Abh. Ber. I 341 p. 201: Mik. pl. 5-1713: DeT. S. p. 336;
 (Bidd. Thomeyi & L.: Quontella.)---
 LAUTA, E.-Abh. Ber. I 373 p. 262: (Denticula.)---
 LONGICRURIS, Grev.-DeT. Syll. p. 336: (Bidd.)---
 " v. japonica, Grün.-DeT. S. p. 336:
 " v. leptoceros, Grün.-DeT. Syll. p. 336:
 MACDONALDII, Norman.-DeT. Syll. p. 335: (Bidd. M.)--
 MARCARITHERA, Shadb.-T.M.S. I 354 p. 13-If 17: (Bidd. Thomeyi, var.)--
 MOBILIBSIS, E.-Abh. Ber. I 344 p. 255; A.S. I 345 p. 323-4122; Prit. I 351 p.
 345; DeT. S. p. 332; Grün. I 384 p. 7:
 (Bidd. Baileyi, m., Thomeyi: Quontella; -Zygoceros.)---
 PUSILLA, E.-Abh. Ber. I 355 p. 301:
 REGIA, Schultze.-M.J. I 359 p. 20-2f II, 12:
 RHOMBUS, E.-Abh. Ber. I 344 p. 79; Prit. I 352 p. 345; Weisse G. p. 306; DeT.
 Syll. p. 333: (Biddulphia; -Quontella; -Zygoceros.)
 RUTHENICA, Witt.-DeToni, Syll. p. 335: (Bidd. r.)--
 SETICULOSA, Grev.-DeT. Syll. p. 335: (Bidd. s.)-
 SIMPLEX, Shadb.-T.M.S. I 354 p. 13-If 16: (Bidd. tridentata & Thomeyi.)--
 SINENSIS, Grev.-DeT. S. p. 334; Grün. I 384 p. 5; (Bidd. s.)
 SPINOSA, Grev.-DeT. Syll. p. 334: (Bidd. sp.)-
 SUBORBICULARIS, Grün.-DeT. Syll. p. 336: (Bidd. s.)-
 TRIDENTATA, E.-Abh. Ber. I 344 p. 79; K.S.A. p. 137; (Bidd. t. & Thomeyi.)--
 TRIDENS, E.-Abh. Ber. I 333 p. 129; I 359 p. 73; Williamson p. 15-If I; Weisse
 I 354 p. 246; Bidd. simplex, tridentata, trilocularis, Thomeyi.)-
 TUMIDA, E.-Abh. Ber. I 344 p. 255; T.M.S. I 359 p. 13; DeT. Syll. p. 335:
 (Bidd. granulata & t.: Quontella.)-
 " v. Peruviana, Grün.-DeToni, Syll. p. 335:
 TURGIDA, E.-Abh. Ber. I 340 p. 207; DeT. Syll. p. 335;
 (Bidd. granulata & t.: Quontella.)-
 VENTRICOSA, Jan. & R. p. 3-2f II: DeT. Syll. p. 336: (Dimerogramma.)
 VITREA, M.-DeT. Syll. p. 334: (Bidd. v.)-
 WEISSBLOGII, Grün.-DeT. Syll. p. 335: (Bidd. w.)-
 ZANZIBARICA, A.S.-DeToni, Syll. p. 336: (Biddulphia z.)

DENTICULA. ----- (Kz. 1741-)

- , Menzies. A.M.C. p. 379: -, Tanaisia I 379 p. 49:
 -, Lewis, N. & I. p. 343-If 3: -, DeToni, Oss. Bac. I 390, p. 901:

> Duseni, Cl. - Sed. 2 n. 19 p. 146-9 f. 14:

+ elegans, K. -

"forme" α "parvula", Ped. p. 7: - (D. elegans, K. -

" " β "media", " p. 7: - (D. thermalis, K. p.)

" " γ "valida", " p. 7 - (Ennot. St. Antonii.)

ACUTA, Rabh.S.O.p.33-If7; Prit.p.773; Ebert,Cassel:

(D.frigida & tenuis.)---

ANTARCTICA, Grun.-Cl.& M.125; Del.Syll.p.560:

ANTILLANUM, Grun.-Cl.1373p.11-1123; Wille, Botz, 2; Del.Syll.p.560:

CAPITATA, Grun.D.C.p.22-2f31;

(D.frigida, v.: -D. inflata.)-

CONSTRICTA, K.B.p.44-3f62; K.S.A.p.12; R.S.O.p.33-If2; Del.S.p.559:

(Navicula; -Sirella.)---

CRASSULA, Macp.-K.S.A.p.339; R.S.O.p.33; Grun.1332p.347; Prit.p.773:

Italy: R.E.D.p.II5; Del.S.p.553:

(D.inflata.)--

DECIPIENS, Arnott.

? (Nitzschia amphibia.)----

DEBYI, Fortm., Ann.Bot.Brit.1392p.54-3f4:

DISTANS, Grun.D.C.p.24-2f33;

(Dimerogramma; -Glyphodermis.)-

ELCAN, V.1.1.11-1713; V.1.1.11-1713; V.1.1.11-1713; V.1.1.11-1713:

Wille & Sch.Nb.123; Prit.p.773-1314; Grun.1332p.347; V.1.1.11-1713:

If37-45; Italy: weisse 1334p.360-4f9; R.E.D.p.II5, f30; Italy; Schum.

H.1.p.59; Macdonald pl.10f6; Malaisie; O.M.I.D.p.233; Brun Alp p.

II4-3f37; Ebert, Cassel; V.1.1.11-1713, 18; Hoffmann, Marburg; Del.

p.159; Del.Syll.p.557; - (Dimerogramma thermalis; D. Vittoriae & D. inflata.)

v. Cyprica, Grun.-V.1.S.pl.49f16:

v. Vittoriae, Grun.-Deloni, Syll.p.553; V.H.S. pl. 49f19-21; - (D. Vitt.)-

v. lanceolata, V.1.1.11-1713:

v. thermalis, Herib.p.151; in V.H.S. pl. 49f17, 18; (D. thermalis.)-

v. valida, Pezicino, - (Schiz. 7: Italy; (D. val.)--

FRIGIDA, K.B.p.43-If7; K.S.A.p.II; R.S.O.p.33-If6; Prit.p.773; Grun.

1332p.550-12f33; Neupauer p.199-3f71; Schum.1.1.p.53; Italy; R.E.D.

p.II4; M.1.P.2-6-5; Cl.& M.225; Cl.1331p.7; Gallik, Papau; Del.S.p.

559; Ebert, Cassel; Hoffmann, Marburg; Trien 1335p.33-3f7; Herib.p.

150; V.1.1.11-1713; (D. acuta, D. tenuis, var., & D. inflata.)

forma major, Rabh.E.D.p.II4; Del.S.p.559; (D. acuta.)---

v. capitata, Brun Alp p.II3-9f23; Del.S.p.559; (D. cap.)--

v. cuneata, Brun Alp p.II3:

FULVA, Grun.D.C.p.24-2f33; (Dimerogramma.)-

INDICA, Grun.-V.1.S.pl.49f7-9; Malaisie; Del.S.p.560:

INFLATA, S.B.D.2p.20-34f294; Carr.p.79; full: O.M.I.D.p.233; Sm.Sp.

1.1.1.11-1713; V.1.1.11-1713; V.1.1.11-1713; V.1.1.11-1713:

Perap.p.72; Gallik, Papau; Belle, Lichon; Malaisie; Herib.p.150;

(D. tenuis, var., & crassula.)--

INTERRUPTA, Grun.D.C.p.22-2f30; (Plagiogramma.)

VITTORIANA, Grun.-V.1.S.; (D. Vittoriae, v.: -

MUTZINGII, Grun.1332p.543-12f27; Spain, Duran; - (D. & Nitzschia obtusa.)-

v. major, Grun.1332p.513-12f15;

LAEVIS, Grun.D.C.p.22-2f33; (Plagiogramma.)-

LAUTA, Bailey M.S.1.9, f1, 2; A.J.S. only 1353p.1; Prit.p.773; R.E.D.p.

II5; M.1.P.1-3-3; Sm.Sp.T.125; V.1.S.pl.49f1, 2; Wille, Botz, 10, 13, 16;

33f15, 17; V.1.1.11-1713p.1119; Del.S.p.559:

(Denticella; -Epithemia (Emotia) beatorum & Sanctii-Antonii.)----

LEVIDENSIS, w.S.-Deloni, Syll.p.560:

(Nitzschia.)--

MARINA, Grun.D.C.p.24-2f39;

(Dimerogramma.)-

MINOR, Grun.D.C.p.24-2f35;

(Dimerogramma.)--

+ *Nicotiana glauca* Greville, vol. 1 p. 77-5f 6a, b.

(Cliff & Lawrence.)

(Compositae) -

VANHEURCKH, BRUN, 1891p. 25-13f8; 14f10; Det. Syll. p. 553:

Desmoneis. ? (Ehr., 1856.) -

aspera, E. - Mik. p. 35:

                    , E. - Mik. p. 35:

halepensis, E. - Mik. p. 32:

laevigata, E. - Mik. p. 35: -

+ confervacea, Grevillea, Vol. 1 p. 42-2 f 19a, b;

+ peregrina, Grevillea Vol. 1 p. 42-2 f 2a, b;

SWARTZII, ^{Ag.} Cons. p. 53; Syst. p. 9; Scottish Flora 1822;

Cole, Essex: - (*Conf. dissilans*;

(Diatoma.)

DESMOGONIUM.-----

GRACILE, Eul.-Sm. Sp. T. No. 150; Det. Syll. p. 330:

GUIANENSE, Schomburgk Reise 1843 p. 539; Mik. pls. 34-5A, f3; 33A-13f4; 39-

3f23, 24; Frit. p. 790-13f13; R.E.D. p. 142; Amazon: M.T.P. I-2-10; V.A.

Type No. 273; Det. Syll. p. 330:

(Actinella.)---

KUTZINGII, Rab. E.D. p. 142; Det. S. p. 330:

(Synedra ruf. ens.)--

MIRABILE, Eul.-Sm. Sp. T. No. 151; Det. Syll. p. 330:

(Actinella.)--

RABENHORSTIANUM, Grun. 1855 p. 3-1f1; Trav. Vol. 4 p. 127; Sm. Sp. T. No. 129:

Det. Syll. p. 330:

DETOMULA.-----

? Species:---Det. Syll. p. 1115: *Det. 7-2 p. 1115*

(Vidua det. 1115.)----

DIACESMIS.-----

-, Men. A.N.D. 1.424:

-, Woll. pl. 37f9:

BACILLUM, W.B. p. 109; Prit. p. 923; R.E.D. p. 230:

(Nav. o.)--

BICEPS, Arnott.: -Cl. & M. No. 175:

(*Navic. binodis*, var. b.: -*Rhoiconeis binodis*, v.)

CONSERVACEA, W.B. p. 109-30f3; W.S.A. p. 95; R.S.D. p. 51, pl. 9; Prit. p. 923-

14f32, 33; R.E.D. p. 230, f33; M.D. pl. 12f27; Grun. 1853 p. 21-1f19; Amazon:

Sm. Sp. T. 130; M.T.P. 4-5-9; Cl. 1831 p. 9; Det. S. p. 730:

(Navicula.)

LOTOWII, Grun., in V.A.S.:-

(Navicula.)

GALLICA, W.S.-A.N.M. 4.1857 p. 11-11f13; Prit. p. 923; R.E.D. p. 239:

Sm. Sp. T. No. 131; V.A.S. pl. 14f10; T. No. 117:

(Navicula.)

" v. minor, Grun., in litt.: R.E.D. p. 239:

(D. peregrina.)-

LAEVIS, W.B. p. 109-20f30; W.S.A. p. 95; Prit. p. 923-12f14; R.E.D. p. 230;

Det. Syll. p. 729:

(Tabellaria.)--

LUCIDULA, Grun., in V.A.S.:-

(Navicula.)-

NAVICULA, E.-Ralfs, Prit. p. 923; Det. S. p. 729:

(Nav.: -*Fragilaria*.)--

NITZSCHIOIDES, Grun.-Cl. & M. No. 191:

(D. Gallia, v.)-

OBTUSA, Arnott Mss.: Sm. Sp. T. No. 132;

PETRIFICA, W.S.-Prit. p. 923; Grun. 1853 p. 11-11f10; R.E.D. p. 230; Cl. & M.

133; M.T.P. 4-5-3; Det. S. p. 730:

(Nav. conservacea, v.)----

SCULPTA, W.B. p. 109-20f30; W.S.A. p. 95; Prit. p. 923; R.E.D. p. 230;

Det. S. p. 729:

(Tabellaria.)----

WILLIAMSONI, Greg. D.C. p. 25-2f40; R.E.D. p. 230; Carn. p. 114;

Reinhard; Sm. Sp. T. 643; O.M. I. D. p. 333-29f31:

(*Dimeregramma*; -*Glyphodesmis*; -*Amantidium*.)--

DIATOMA.-----

ALPES, E.-Cl. p., V.A.S. p. 131-51f5-3; 1.34f; Grun. 1853 p. 11-11f10; Woll. pls.

13f11, 12, 13; Woll. pls. Sch. 1.2.20; Cl. 1831 p. 9; Det. Syll. p. 337:

Herib. p. 152:

(*Odontidium ventricosum*:-

Fragil. (Odontidium) anceps & capitata; -*Frag. leptocephala*.)-

" v. anomala, V.A.S. p. 131-51f9; 1.34f; Herib. p. 153: -(*Odontidium* a.)----

- " v. cincta, Grun. 1362p. 353; Rabh. Alg. 501p. 204; Det. S. p. 353;
 " var. fossilis, Pant. 3p. -3f141;
 ARCUATUM, Lyngh. Hydr. Tent. p. 130-32, f" B": Flor. Danm. p. 159 f12;
 (Achnanthes; -Rhabdonema; -Striatella unipunctata; *D. striatulum*)
 AURITUM, Lyngh. Hydr. Tent. p. 132-32 f" D": Ag. Syst. p. 3; K. Syn. p. 57: Flor.
 Danm. p. 1597: Linnae 1333p. 535: Brit. Flora p. 404;
 (Biddulphia; -Odontella:)
 BIDDULPHIANA, Ag. Syst. p. 5; Cons. p. 54: Brit. Flora p. 404; Harv.
 Man. p. 201: (Conferva; -Bidd. pulchella & 5-locularis.)----
 BRACHYGOMON, Carmichael, in British Flora p. 406: Harv. Man. p. 202:
 (Grammatophora marina.)-
 COMUNE, Girard Foss. p. 10-1f12:
 CRYSTALLINA, Ag. Syst. p. 3; Cons. p. 52; Brit. Flora p. 407: V. i. S. Vol. 1,
 p. 121-2f14: (Echinella fasciculata; -Exilaria c. & fil. etc; -Synedra.)-
 CUNEATUM, Rabh. S. D. p. 35-2f4;
 CANICA, Grun. 1362p. 353, f" 10": (D. Canis, v. i. S. Vol. 1, p. 121)---
 EHREMBERGII, V. i. S. p. 143-17f11; K. S. A. p. 17; A. M. p. 1. 131p. 152-9f12; 1317
 p. 10-1f13; R. S. D. p. 35-2f7; Rab. Alg. No. 601: Desmaz. 2, No. 102: westm. &
 S. No. 123; Prit. p. 779-4f15; Grun. 1362p. 374; Lanzi, Tor.; R. E. D. p. 122;
 Brin Alp p. 117-4f13; Italy: Sm. Sp. 7. 133: Wille p. 1. 46f16, 21, 22; Harib.
 p. 152; Spamer, Duren; Malaisie; (Glossonema
 Heffleri; -Lobarszewska; -D. & Bacillaria elongata; -D. grande.)
 " v. grandis, Brin Alp p. 117-4f17; R. E. D. p. 122; Italy: Harib. p. 152;
 " v. intermedia, Rabh. E. D. p. 122:
 ELONGATUM, Ag. Syst. p. 4: K. Syn. p. 54f65; K. B. p. 43-17f13; K. S. A. p. 17: R.
 S. B. p. 35-2f1; S. B. D. p. 40-4f13, 15, 30f31; Grun.: Brit. p. 77-3f13; R.
 E. D. p. 122; Harib. p. 57: westendorf, G.: Carr. p. 30: Rab. Alg. No. 704; Mill:
 Schum. 1. 1. p. 55: Eiben, 1870; Amazon; Pl. 1362p. 219; Grun. 1362p. 1373p. 15;
 Möllins p. 75, 102-113; Italy: D'U. I. C. p. 102; Petit liste p. 25:
 Belloe, Lichen: Brin Alp p. 117-4f16; Grun. 1373p. 25; Sm. Sp. 7. 134;
 V. i. S. p. 130; T. No. 337; 1897, Grun.; Spamer, Duren; Wille,
 p. 1. 46f15, 26, 27; Det. S. p. 636; Harib. p. 151; *Oestrup 1897 p. 3*
 (D. Canis & v.: -Bacillaria c. & fil. etc; -Lobarszewska.)---
 " var. "b", S. B. D. p. 40-4f31b; Schum. 1362p. 134-3f15; Carr. p. 30:
 Bleisch, 1363: Petit liste p. 26:
 (D. Ehrenbergii & elongatum, Ralfs.)----
 " var. "g", S. B. D. p. 40-4f31g; Carr. p. 30; Petit liste p. 26: V. i.
 Type No. 333: (D. Canis; -Bacillaria cuneata & filiculosa.)--
 " var. "d", S. B. D. p. 40-60f31d; Carrithers p. 30:
 " v. abbreviata, Rabh. E. D. p. 122: R. Alg. No. 1492;
 " v. Ehrenbergii, V. i. S. p. 130: (Diatoma L.)---
 " v. grandis, Brin Alp p. 117-4f17:
 " v. mesolepta, K. -Det. Syll. p. 636: (D. Canis, v.)-
 " v. tenuis, V. i. S. p. 130; T. 333; Det. S. p. 636: (D. Canis, v.)
 ELONGATUM, Ralfs. -A. M. p. 1. Vol. 2, p. -9f12: (D. elongatum, v. i. S. p. 130)
 EXILARIA, Grun. 1362p. 2-11; Grun. C. p. 1. 53; Det. S. p. 636;
 FASCIATUM, Ag. Syst. p. 5; Cons. p. 54: K. Syn. p. 57: (Exilaria.)--

+ fasciculatum, - (Echinella f., Surg.: - Diatrigidum: -

+ lanceolatum, - (Comp. v. h. individuali: - Diatoma f. vulgare)

Mouget & Hestang, # 598:

z, b:

+ Lynceus (D. Tenne, P. maritimum)

+ scalaris, Ag. Syst. p. 1; - (Fruit, obtusa.)

+ erectus Ag. Decad. #8: Syn. Scandinav. p. 118: - (Desmideum.) -

+ tenue, (Scot. Fl. p. 354 = dist. floc.);

" var. δ , maximum Lycop. H.T. p. 61: J. Ag. A. Exs. Dec. 14 No. 9: - (D. Lycopodium).

" " δ , normale, K. S. A. p. 17: - (D. Tenue).

" " ϵ , paradoxum, K. Syn. p. 52 f 64: - (var. " ϵ " diminutum).

MINIMUM, Ralfs, Trans. Bot. Soc. Edinb. Vol. 2, p. 20; Prit. p. 773:

S.B.D. 2, p. 41-41f313: Carr. p. 30:

(*O. vitreum*, v.: -*Fragil. m.*, *tenuicollis*, & *vitrea*, v.: -*Ralfsia*.) -

MUTABILE, Ralfs, p. 53; Cl. 1337, p. 333; 1334, p. 219:

(*O. vitreum*, v.: -*Fragil. m.*, *tenuicollis*, & *vitrea*, v.: -*Ralfsia*.) -

PARASITICUM, Ag. Cons. p. 50: (*Exil. truncata*: - (*Frist.*: -*Syneura alba*.) -

(*Conferva*; -*Isthmia o.*, *enervis*, & *nervosa*.) -

PAXILLIFERUM, Breb. Cons. p. 12: (*Bacillaria p.* & *paradoxa*.) -

PECTINALE, Ag. Cons. p. 52: (*Dissep.* 34; Flor. Gann. pl. 1508f1; V.B. p. 47-

17f11; V.S.A. p. 13; R.S.D. p. 35-2f2; Prit. p. 773; Neupauer p. 139-1f2;

Carr. p. 30: V. i. S. pl. 50f23-25; Wille pl. 46f19, 20; Hoffmann, Marburg;

Herib. p. 151; Spamer, Duren;

(*Bacillaria p.*, *elongata*, *flocculosa*, *Ptolomasi*, *seriata*; -*O. fragilis*,

tende, var., & *subtilis*; -*Fragil. capucina*, *Ptolomasi* & *p.*) -

RAPIDUM, Ag. Cons. p. 52: (*Conferva*; -*Isthmia o.*, *enervis*, & *nervosa*.) -

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Cl. Nav. p. 30; Det. S. p. 194;

(Mastogloia reticulata; -

Nav. marg., v.: -N. Janischii, Kossuthii, reticulata, strangulata.) -

" forma convexa, Cl. -Atlas 160f17-19: Det. S. p. 195; Mastogl. Clevei.) ---

" forma curta, Cl. Atlas 160f20; Det. S. p. 195: -(for. brevis): ---

(Mastogloia reticulata reticulata, v. majorica.) --

" forma elongata, Cl. -Atlas 160f30, 31; Det. S. p. 195;

(Pseudo-diploneis; -D. marg. var. commutata.) --

" forma minor, Cl. -Atlas 160f23:

" v. Clevei, Brun. -Atlas 188f43; Cl. Nav. p. 31: -(Mastogl. C.) ---

" v. gigantea, Cl. Nav. p. 31:

" v. commutata, Cl. Nav. p. 31; -(D. marg. for. elongata.)

" var., Cleve. -Atlas 133f43;

" v. Janischii, Cl. Nav. p. 31; Atlas 133f50: -(Navic.) ---

" v. intermedia, Cl. Nav. p. 31: -(Mastogloia i.) --

MARGINATA, Cl. -Leu. Vol. 1. 1. 15; Det. S. p. 193; Cl. Nav. p. 30-5f34;

PANDURIFORMIS, Cl. -Leu. Vol. 1. 1. 16; Det. S. p. 194; Cl. Nav. p. 31: -(Mastogl.)

7 Conica, Cl. Hentich p. 155:

Didymosphenia, Grun., 1899.

Curvirostris, Sp + Bn - atlas 214 f 4-6: - (Gomph.)
geminata, Lyn., - atlas 214 f 7-10: - (Gomph.)
" var. stricta, ad., atlas 214 f 11, 12: (" str.) -
Sibirica, Gn. - atlas 214 f 1-3: - (Gomph. geminata.)

PANTOCSEKII, Clave, LeD. Vol. I. 13; Cl. Nav. p. 32:

(Nav. mastoploidea & P.) -

RUGOSA, Brun & Tl. - Cl., LeD. Vol. I. 17; Atlas 130f33; Del. S. p. 190;

Cl. Nav. p. 32:

(Mastoploidea) -

SPECTATISSIMA, Cl. - Atlas 130f24-25, 32; Del. S. p. 190;

(Navic.: -D. marginata, var. s.) -

SUBCONSTRICTA, Cl. Nav. p. 31-5f31:

THUMII, Cl. - LeD. Vol. I. 15; Del. S. p. 194; Cl. Nav. p. 31-5f33;

DICTYOPYXIS. --- (Ehrh. 1844) -

BREVIS, Grev. - T.M.S. 1362p. 22-2f2; R.E.D. p. 36:

(Eudictyna oceanica)

CRUCIATA, E. - M.D. Ber. 1344p. 267; Mg. pl. 13f15; 20-1f15; 33-1f17, 18, 19;

33-1f17; 33B-46, f"A": Bailey, So. p. 14-2f55; Carr. Cl. p. 21-26, 12; Weisse

Cl. p. 305-2f23; 1354p. -1f14; 1354p. 241; A.S.S. only 1350p. 1; 2. 2. 5.

p. 36: 3573-4322;

6Coccolithus; -Cresswellia turris; -Paristophanes latylo; -Pyxidicula) -

CYLINDRUS, E. - Abh. Ber. 1344p. 293; Mg. pl. 33-13f8; Weisse 1354p. -1f15;

1354p. 241: (Pyxidicula; -Stephanopyxis turris, v.) ---

HELLENICA, E., M.D. Ber. 1344p. 267; Mg. pls. 19f13a: 20-1f13a-a:

6Coccolithus cruciatus; -Pyxidicula) ----

LENS, E. - Abh. Ber. 1344p. 36; Mg. pl. 13f5:

(Pyxidicula) --

SCARABAEUS, E. - Abh. Ber. 1345p. 73:

(Pyxidicula) --

SUBTILIS, E. - Abh. Ber. 1345p. 302:

URCEOLARIS, E. - Abh. Ber. 1344p. 36; Mg. pl. 13f3;

(Pyxidicula) --

DIMEREGRAMMA. --- (Raf. 1861)

ARCUS, Arnott. : --- - ?

(Campylosira cymbelliformis) -

BALDICKII, Rafs, - Prit. p. 791; W. & C. I. 1-1f3;

(Achnanthes; -Odontidium; -Raphoneis) -

BIROSTRE, Rafs, Prit. p. 790:

(Frag.) ---

BORYANUM, Pant. 2p. 62; 3p. -23f342; Del. S. p. 713;

CAPITATUM, Rafs, Prit. p. 790; Grun. 1362p. 377; Carr. p. 35; 7. 2. 3. 1. 13;

Del. Syll. p. 712:

(Denticula) -

CEYLANICUM, Cl. Vega p. 507-37f53; Del. Syll. p. 713;

CONSTRUENS, E. - Sm. St. 1. 140: -

(Fragil.: -Stenossira) ---

DISTANS, Rafs, - Prit. p. 790-4f31; Grun. 1362p. 373; Carr. p. 35; 7. 2. 3. 1. 13;

Carr. p. 35; O'M.I.D. p. 239; Fortm. Cey. p. 51; Lagr. 1376p. 13:

(Denticula; -Glyphodesmis) ---

DURUM, V. S. S.

pl. 3578:

(Fragil.: -Stenossira)

FOSSILE, Grun. - Cl. & M. 215; Pant. I. 23-3f67; 27f265; 2, 1. 32; Notar.

1338p. 622; Wille 11. 63f27; Del. S. p. 713;

FULVUM, Grev. - Prit. p. 790; Grun. 1362p. 376; Italy; R.E.D. 1. 124;

Carr. p. 35; Lagr. 1376p. 13; V.H.S. pl. 36f7; J.Q.C. 1337p. 73; Malaisie;

Atlantic City; Del. S. p. 712; Wille 11. 5122: - (Denticula; -D. fulvum) -

FURCIGERUM, Grun. - V.H.S. pl. 36f8; Del. S. p. 712: -

(D. fulvum, v.) ---

GREGORIANUM, Grun. 1362p. 373-7f21-23; R.E.D. p. 125, 136b, c; Italy:

Malaisie:

(D. & Denticula rana)

10. 12. 1880. 10. 1880.

Diplamphora.
Subgenus Amphora - Vide Cl. Mar. Sp. 107.

- HARRISONI, Ralfs, Prit. p. 790-3f3; Carr. p. 35: (Odontidium.) --
 " var. "b", tenellum, Carruthers p. 35:
 INFORME, Ralfs, Prit. p. 790; R.E.D. p. 120: -(Odontidium i. & Harrisoni.) --
 LEPTOCEROS, Ralfs, Prit. p. 790: (Fragil.: -Odontidium.) ---
 MARINUM, Greg. - Ralfs, Prit. p. 790; Carr. p. 35; R.E.D. p. 124; O'M.I.D. p. 239; V.H.S. pl. 36f9; Malaisie: Shark River; Villef. p. 64; Woll. 45f4, 5; Det. Syll. p. 712: (Denticella.) --
 MINUS, Greg. - Prit. p. 790; Grun. 1362p. 376-7f29; 1363p. 23, 95; R. E.D. p. 123; Carr. p. 35; O'M.I.D. p. 239; Fortm. Cey. p. 50; Cl. 1373p. 22; V. H.S. p. 146-36f10, 11a; Italy: Villef. p. 64; Det. S. p. 711: (Denticella.) --
 " v. nana, V.H.S. p. 146: (D. nanum.)
 MUTABILE, Ralfs, Prit. p. 790; Carr. p. 35: -(Frag. amphioxys; -Odontidium.) --
 NANUM, Prit. p. 790-4f33; Grun. 1363p. 2: Carr. p. 35; R.E.D. p. 123; Italy; Abrol. Baltic; O'M.I.D. p. 239; Fortm. Cey. p. 50; V.H.S. pl. 36f11; Det. S. p. 711: (Denticella; -D. minus, var., & Gregorianum.)
 " v. minima, Grun. - V.H.S. pl. 36f13;
 " v. parva, Grun. - V.H.S. pl. 36f12: Malaisie;
 " v. Thaitiensis, Castr. 1337p. 46-19f5; Notar. 1339p. 635; Det. S. p. 712:
 PINNATUM, Ralfs, Prit. p. 791-3f4; (Stauroneis; -Odontid. Harrisoni, "b")
 NOVAE-CESARAE, K. & S. - T.B.C. Vol. 16p. 74-39f1, 1b; Woll. pl. 5f16; Det. Syll. p. 714;
 " v. obtusa, K. & S. - T.B.C. Vol. 16. 74-39f1a; Woll. pl. 5f22; Det. Syll. p. 714;
 RHOMBUS, Ralfs, Prit. p. 790: (Fragilaria.) ---
 SINUATUM, Ralfs, Prit. p. 790-4f12; Carr. p. 35; Sn. Sp. T. 141; (Denticella; -Grunowia; -Nitzschia; -Odontidium.) ----
 SPECIOSUM, Ralfs, Prit. p. 791: (Fragil.: -Odontid.) -
 SURIRELLA, Ralfs, Prit. p. 791; Cl. 1373. 11; Det. S. p. 712; (Frag.: -Rhapsonsis s. & rhombus; -Zygocelos.) -
 TABELLARIA, Ralfs, Prit. p. 790-4f35; Carr. p. 35; Mylanesi, n.: - (Fragil. & Stauroneis constricta; -Odontid.) --
 " var. "b" constricta, Carruthers p. 35:
 TRIUNDULATUM, Grun. 1362p. 377-7f31; R.E.D. p. 124; Det. S. p. 714; Italy;
 VENTRICOSUM, Grun. - Heuw. Vol. 6p. 2; Cl. 1373p. 11; Det. Syll. p. 713: (Denticella.) -
 WILLIAMSONI, Grun. 1362p. 377; R.E.D. p. 123, f30a; Lett. 1376p. 13; Malaisie: (Diauesis; -Glyphodesmis; -timantidium.) -

DIOMPHALA. ----- (Ehr., 1842.) -

- CLAVA-HERCULIS, E. - Abh. Ber. 1342p. 353; Mg. pls. 15A, f93; 33-2f14; (Gomphonema pinnatum.) -
 GLANS, E. - Mik. p. 90: (Gomph. glans.)

DIPLOMETS. ----- (Ehr., 1844.) -

- ADVENA, - A.S. - Cl. Nav. p. 31: (Navicula.)
 " v. parva, A.S. - Cl. Nav. p. 31: Oestrup 1897p. 312: (Nav. p.) --
 " v. recta, Br. & det. - Cl. Nav. p. 31: (Nav. r.)
 " v. Sansejana, Grun. - Cl. Nav. p. 31: (Nav. S.)

- ADONIS, Brn.-Cl.Nav.p.35: (Nav. a.)
 " v. Ganymedes, Cl.Nav.p.35:
 " v. pinnosa, Br.-Cl.Nav.p.35: (Nav. a., var. f.)
 " v. Oamaruensis, Cl.Nav.p.35: (Nav. a., p. 1.)
 AESTIVA, Donk.-Cl.Nav.p.94: (Nav. a.)
 " forma "a" Cl.Nav.p.94;
 " forma "b", Cl.Nav.p.94;
 AETHIOPUM, E.-Mik.p.227;
 AREOLATA, Cl.Nav.p.91-1f23:
 BIJOCULATA, Grun.-Cl.Nav.p.30: (Nav. b.)
 " v. vittata, Cl.Nav.p.30-1f13:
 BISERIATA, Cl.Nav.p.102: Atlas I74f12:
 " v. Gallopagensis, Cl.Nav.p.103-2f16;
 " v. lata, Cl.Nav.p.103-2f14;
 BINARIA, A.S.-Cl.Nav.p.36: (Nav. b.)
 APIS, E.-Abh.Ber.I34Ip.426-pl.3-7f13; Nord.p. -2f3:-(Nav.: -Pinn.)----
 BASILICA, Brn.- (Navicula.)
 BOLDIANA, Cl.I39Ip.43-2f12: Cl.Nav.p.92: a, a, 1895
 BOMBIFORMIS, Cl.Nav.p.37-1f26;
 BOMBOIDES, A.S.-Cl.Nav.p.33:-
 (Nav. b., didyma, diplosticta, williamsoni.)-
 " v. Madagascarensis, Cl.Nav.p.33-1f22;
 " v. " forma minor, Cl.Nav.p.39:
 " v. modesta, A.S.-Cl.Nav.p.39: (Nav. m. & andesticta.)----
 BOMBUS, E.-Abh.Ber.I344p.34; Mg.pls.I9f3I; 35A-23f3; Atlas I74f1I:
 Cl.Nav.p.90:-(Pinn.: -Nav. b., genuine et abnormis.)
 " v. bullata, Cl.Nav.p.90:
 " v. densestriata, A.S.-Cl.Nav.p.90:-(Nav. gemina, var. "a", & undulata.)--
 " v. gemina, A.S.-Cl.Nav.p.90:-(Nav. gemina, var. "b".)
 BOREALIS, Grun.-Cl.Nav.p.95: (Nav. Smithii var. "b", & 1898 3000 1898 11)
 " v. subconstricta, Cl.Nav.p.96:
 CHINENSIS, Cl.Nav.p.39-1f25;
 CLEPSYDRA, Cl.Nav.p.37-1f29;
 COARCTATA, A.S.-Cl.Nav.p.36:- (Nav. c.)
 CONOPS, E.-Mik.p.370:
 COCCONEIS, E.-Mik.pl.I9f33: *Cocconeis aculeata*
 CIRCUMNODOSA, Br.-Cl.Nav.p.33:-(Nav. c.)-
 CONSTRICTA, Grun.-Cl.Nav.p.33:-(Nav. c., misca & Donnellii, p. 1.) *acutrip*
 " forma distans, Cl.Nav.p.34;
 " formaminuta, Cl.Nav.p.34: *acutrip 1897 p. 312*:
 CONTIGUA, A.S.-Cl.Nav.p.32:-(Nav. c. & Thumii.)
 " v. Eudoxia, A.S.-Cl.Nav.p.33:-(Nav. E. & Mediterranea, p. 1.)
 " v. Eugeniae, A.S.-Cl.Nav.p.33: (Nav. Eug.)
 " v. Zechenterii, Pant.-Cl.Nav.p.32:-(Nav. z.)--
 CONGRUA, Jan.-Cl.Nav.p.32:-(Nav. c.)
 COMPAR, Jan.-Cl.Nav.p.31:-(Nav. c.)-
 CHERSONENSIS, Grun.-Cl.Nav.p.91:-(Nav. c., apis, Ehr., & dantkenii.)

+ domblattensis.

" var. subconstricta, a. cl. 1895 p: 17-1 f 102

- CAMPYLODISCUS, Grun.-Cl.Nav.p.99: (Coccodiscus costatus:-
 Nav.c., & suborbicularis var.Nankooensis.)-
 CORRAEIFORMIS, A.S.-Cl.Nav.p.81: (Nav.c.)
 " v.angustata, A.S.-Cl.Nav.p.81: (Nav.c. & var.c.)---
 " v.suborbicularis, A.S.-Cl.Nav.p.81:
 CYNTHIA, A.S.-Cl.Nav.p.32: (Nav.C.)
 " v.elongata, Cl.Nav.p.32:
 " v.minuta, Cl.Nav.p.32;
 " v.Sibirica, Cl.Nav.p.32:
 CRABRO, E.-Abh.Ber.1344, 35; Mg.pl.19129a-c: (Nav.c. & japonica.)--
 Cl.Nav.p.100:
 " v.confecta, A.S.-Cl.Nav.p.102: (Navic.c.)
 " v.undata, Cl.Nav.p.101-205;
 " v.diluvialis, A.S.-Cl.Nav.p.102: (Nav.c.)
 " v.expleta, A.S., Al.Nav.p.100: (Nav.c.)
 " v.Giebelii, A.S.-Cl.Nav.p.102: (Nav.G.)
 " v.floriosa, Br.-Cl.Nav.p.101: (Nav.j.)
 " v.hungarica, Cl.Nav.p.101-2f10:
 " v.limitanea, A.S.-Cl.Nav.p.100: (Nav.l.)
 " v.minuta, Cl.Nav.p.102:
 " v.multicostata, Grun.-Cl.Nav.p.102:
 (N.crabro, p.p.: N.milt.: N.crabro, v.Oranensis.)
 " v.Nankooensis, Grun.-Cl.Nav.p.102: (N.crabro, v.Nank.)
 " v.Oliverii, Grun.-Cl.Nav.p.102-2f12: (Nav.Ol.)
 " v.ornata, Cl.Nav.p.102:-(Nav.c. & var.spilifera.)
 " v.pandura, Brb.-Cl.Nav.p.100: (Nav.p. & var.elongata;-
 Nav.navigans, nitida, mantichora, sideralis.)---
 " v.pandurella, Cl.Nav.p.101-2f9;
 " v.perpusilla, Cl.Nav.p.102:
 " v.separabilis, A.S.-Cl.Nav.p.101:-(Nav.s., & crabro v.japonica.)
 " v.subelliptica, Cl.Nav.p.101-2f11:
 " v.sisipha, A.S.-Cl.Nav.p.101: (Nav.floriosa, inflata & s.)--
 DALMATICA, Grun.-Cl.Nav.p.93: (N.Bohmerii & a.)
 " v.villipolla, A.S.-Cl.Nav.p.93: (Nav.v.)
 DEBYI, Pant.-Cl.Nav.p.93: (Nav.c.)
 " v.elliptica, Cl.Nav.p.93:
 DIELIA, E.-Mik.1356p.14;
 DIDYMA, E.-Abh.Ber.1341p.333; 1370p.12-1f13; 1372p.23; Mg.pls.13f69;
 19f32; 21f34; 22f60a, b; 33-14f3; 33B-22f15; 39-2f27: Cl.1391p.42:
 Cl.Nav.p.9): (Nav.p. & 97p.3) (Navic.: N.Bohmerii & a.)
 DOMBLITENSIS, Grun.-Cl.Nav.p.91-2f2; (Nav.c.: N.Bohmerii & a.)
 DEMPTEA, A.S.-Cl.Nav.p.33: (Navic.c.)
 DISCREPANS, A.S.-Cl.Nav.p.33: (Navicila.)
 DIVERGENS, A.S.-Cl.Nav.p.39: (Navicila.)
 " v.digrediens, A.S.-Cl.Nav.p.39: (Nav.c. & a.)---
 ELLIPTICA, v.-Cl.1391p.42; Nav.p.92: 1895p.17: (28thp 1897p.3/3:
 (Nav.c. & var.milt.; N.Bohmerii & a.)
 " v.elliptica, Grun.-Cl.Nav.p.91: (Nav.c. var. grandis.)-
 " v.Laodensis, Cl.1391p.42-210; Nav.p.91:
 " v.ostreocuarum, Pant.Cl.Nav.p.92: (Nav.c.)

littoralis.

" var. *clathrata*, Oestr. Mar. D. 3 f 15: 1897 p. 313:

" var. *hyperborea*, Cl. - Oestrup 1897 p. 313: Mar. D. pl. 40:

major. Cl. - Oestrup 1897 p. 313:

- GUINARDIANANA, Brin.-Cl.Nav.p.35: (Nav.G.)
- INTERRUPTA, K.-Cl.I39Ip.42; Nav.p.34:
(Nav.i., & var. Novaes-Z.; N. p. 111a.)
- " v. clancilla, A.S.-Cl.Nav.p.34: (Nav.c.)
- " v. Gorjanovicii, Pant.-Cl.Nav.p.34:
(Nav.G. & var. major; -N. suspecta var. Czern.)--
- " v. Tallyana, Cl.Nav.p.34; Grun.I332p.150-30f59;
- " v. Weisneri, Pant.-Cl.Nav.p.34: -(N. Weis., & interrupta & v. foss.)
- " v. Zanzibarica, Grun.-Cl.Nav.p.34: (N. int. v. Zanz.)
- INCURVATA, Grev.-Cl.Nav.p.34: (Nav.i.)-
- KUTZINGII, Grun.-Cl.Nav.p.90: (Navicula)
- " v. billata, Cl.Nav.p.90:
- LINEATA, Donk.-Cl.Nav.p.35: (Nav. l. & Adriatica.)
- " forma pusilla, Cl.Nav.p.35:
- LACINIOSA, A.S.-Cl.Nav.p.32: (Nav. l.)
- LESIENSIS, Grun.-Cl.Nav.p.104-2f17, 13;
- LETOURNIEI, Cl.Nav.p.37-1f18
- LITTORALIS, Donk.-Cl.Nav.p.94: -(N. ovulum; -N. litt. & v. subtilis.)--
- " v. hospes, A.S.-Cl.Nav.p.94: (Nav. h.)---
- MESOLEIA, E.-Abh. Ber. I372p.293; Nord.p.22-2f1;
- MEDITERRANEA, Grun.-Cl.Nav.p.32: (Nav. gemmata, v. M.)--
- MUNDA, Jan.-Cl.Nav.p.32: - (Nav. m.)
- MAULERI, Brin.-Cl.Nav.p.93: Navicula.)
- " v. borussica, Cl.Nav.p.93: -(Nav. M. v. bor.)---
- MAJOR, Cl.Nav.p.96: (N. Smithii, A.S.)
- " v. permagna, Pant.-Cl.Nav.p.97: {N. p. Ernstia (N. fusca, v. p. 1.)
- MICROLAIOS, Castr.-Cl.Nav.p.95: - (C. Fabigeri v. (Navic.)
- " v. Christiani, T.C.-Cl.Nav.p.96: -(Raphidodiscus, species Jones.)
- MIRABILIS, Castr.-Cl.Nav.p.97: (Nav. m.)
- MUSCAEFORMIS, Grun.-Cl.Nav.p.33: (Navic.)
- " v. constricta, Grun.-Cl.Nav.p.33: (Nav. c.)
- " v. genuina, Cl.Nav.p.33:
- " v. placida, A.S.-Cl.Nav.p.33: (Nav. l.)
- " v. pusilla, Cl.Nav.p.33:
- " v. maxima Cl. ?
- NITESCENS, Grev.-Cl.Nav.p.97:
(N. nit., Adriatica & Smithii, v. nit.)---N. & Pinn. Afrariensis.)
- " v. fossilis, Pant.-Cl.Nav.p.97: (Nav. nit. var. f.)
- " v. fuegiana, Petit.-Cl.Nav.p.97: -(N. nit. var. f.)--
- " v. serratala, Cl.Nav.p.97: -(Nav. s.)
- NOTABILIS, Grev.-Cl.Nav.p.93: (Nav. n.)
- " v. expleta, A.S.-Cl.Nav.p.93: (Nav. n., var. ex.)
- OBLONGELLA, Naeg.-Cl.I39Ip.44: (Navic.)
- OCELLATA, Cl. - (N. vagantula.)-----
- OCULATA, Breb.-Desmat. 2, No. 110: Cl.Nav.p.92: -(Nav. o.)--
- O'NEARII, Grun.-
- " v. pusilla, Cl.-Atlas I74f12:

> splendida, Gg. - Ost. Mar. D. 5f64:1897p.312:

> subcineta, A.S. - Ost. Mar. 1897p.312:

Disconia

N.Y. of Clin. Nov. 2 (1895) p.180:

- OVALIS, Hilse.-Cl. 1391p.44-2f13; Nav.p.92: / 1897 : *Cestrop* 1897p
 (Nav. x Pim. O., p.p. : -N. elliptica, p.p.) -
 " var., A.S.-Atlas 192f26:
 " v. oblongella, Naeg.-Cl. Nav. p.93: -(Nav. obl. x ov., var. foss.)
 " v. pumila, Grun.-Cl. Nav. p.92: (N. ov., var. p.) -
 PANDURA, Cl. - ? (N. navigans.)
 PAPULA, A.S.-Cl. Nav. p.35: -(Nav. p.) -
 PRAESTES, A.S.-Cl. Nav. p.37: (Nav. p. x Guinardiana.) ---
 PARMA, Cl. 1391p.42-2f10: Nav. p.95:
 PLEATISSA, Grun. x Cl. -Cl. Nav. p.97-2f3:
 PRISCA, A.S.-Cl. Nav. p.103: (Navic.)
 PROSERPINAL, E.-Abh. Ber. 1353p.13; 1372p.1.2f27: (Navic.)
 PUELLA, Schum.-Cl. Nav. p.92: *Cestrop* 1897p.313:
 (Nav. elliptica v. minutissima x p.)
 PULLUS, E.-Abh. Ber. 1372p.131:
 RHOMBUS, E.-Abh. Ber. 1353p.423: (D. bombis.)
 SMITHII, Brep.-Cl. 1391p.42: *Cestrop* 1897p.313: (Nav. S.)
 SUBNUDA, A.S.-Cl. Nav. p.31: (Nav. S.)
 " v. densestriata, A.S.-Cl. Nav. p.32: -(Nav. S. var. uhl.)
 SUBOTBICULARIS, Grun.-Cl. Nav. p.31: *Cestrop* 1897p.313:
 (Nav. S., x Smithii, v. sub.)
 SZONTAGHII, Pant.-Cl. Nav. p.99-2f7: (Nav. S.)
 SUBCINCTA, A.S.-Cl. Nav. p.33: (N. diadema, p.p., x S.)
 SPLENDIDA, Grun.-Cl. Nav. p.37: (N. margaritifera: -
 (Nav. entomon, p.p., x S.: -N. diadema, var. N. gemmatila x Taschenbergii.)
 " v. diplosticta, A.S.-Cl. Nav. p.33: (Nav. u.)
 " v. elediana, Pant.-Cl. Nav. p.33: - (Nav. e.)
 " v. Haynaldii, Pant.-Cl. Nav. p.33: (Nav. H.)
 " v. margarita, A.S.-Cl. Nav. p.33: (Nav. m.)
 " v. prominula, A.S.-Cl. Nav. p.33: (Nav. l.)
 " v. Piella, A.S.-Cl. Nav. p.33: (Nav. exempta x p.) ---
 VAGABUNDA, Grun.-Cl. Nav. p.103-2f13, 15;
 VESPA, Cl. Nav. p.97-2f5; N
 VACILLANS, A.S.-Cl. Nav. p.95: (Nav. v.)
 " forma "b", Cl. Nav. p.95: -(Nav. v., p.p., x parca var. producta.)
 " v. Corsicana, Grun.-Cl. Nav. p.95;
 " v. delicatula, Cl. Nav. p.95:
 " v. minita, Grun.-Cl. Nav. p.95: -(Nav. v. for. minita x N. Pfitzeriana.)
 " v. renitens, A.S.-Cl. Nav. p.95: -(Nav. vac., var. r.)
 WEISSFLOGII, A.S.-Cl. Nav. p.97: (Nav. diversa x w.) --

DISCOPLA.----- (*C. h.*, 1840.) -

- ACTINOCYCLUS, E.-Abh. Ber. 1344p.267: (Cyclotella.) --
 AMERICANA, E.-Abh. Ber. 1344p.31: "
 ANNULATA, Schum. 1367p.60-3f62:
 ASTRAEA, E. M. p.32: (Stephanodisc. Aegyptiacus x a.: -Cyclot. rotula x a.;
 ATLANTICA, E.-Mik. pl. 39-3f29: Schum. 1367p.60-3f63: -(Melosira; -Cyclot.)

moniliformis E. - ⁴¹ Inq. pl. 38-22¹/₂-3:

- ATMOSPHERICA, E.-Abh.Ber.1847p.434; 1872pls.1b, f14; 1d, f9, 10; 1e, f1;
 Mg.pls.34-7f2, 3: 33A-12f1-3: 39-2f2a, 3a, 4a: 39-3f23: A.J.S.1351, f
 2, 9; Prit.1352pl.24f1, 2: Schum.1867p.60: 39-1f17,
 (Cyclot.rotula; -Melosira; -S'discus. Aegyptiacus.) -
 " v.ocellata, Schum.1867p.61-3f64;
 BIPUNCTATA, Schum.1867p.61-3f69;
 CINCTA, E.-Mik.p.227:
 CINGULATA, E.-Abh.Ber.1842p.265:
 COMPTA, E.-Abh.Ber.1844p.267: Mg.pls.7-3a, f2a, b; 33-1f3; 33-1f4; 33A,
 f5: 33A-1f3; 33A-1a, f3; 33A-3a, f4; 33A-2f1; 33A-7f3; 33A-12f1-3: 10f2
 Schum.1867p.61-3f70: (Cyclotella.) ---
 COSCINODISCUS, E.-Abh.Ber.1845p.76; Mg.pl.33-10f1⁺, 2: (Cyclot.) -
 DENDROCHAERA, E.-Abh.B.1843p.219: 1871pl.2a, f10, 11: Deny, D.Ter.: (Cyc-
 DENTICULATA, E.-Abh.Ber.1844p.267: (Cyclot.)
 DIVES, E.-Abh.B.1844p.202; (Actinopt.: -Cyclot.: -Stictodiscus.)
 GALLICA, E.-Abh.Ber.1844p.271:
 GANGETICA, E.-Mik.p.123:
 GRACCA, E.-~~Mik.~~ B.1840p.204; Mg.pl.6-2f1a-c, 4; Schum.1867p.61-3f67;
 (Coscinodiscus; -Cyclotella.) --
 " var."b" holosticha, E.-Mg.pl.6-2f2a, b; Schum.1867p.61-3f67b:
 " var."g" stelligera, E.-Mik.pl.6-1f3a-e:
 " v.bacillifera, Schum.1867p.61-3f67d:
 " v.semiozellata, Schum.1867p.61-3f67e;
 GRACILIS, E.-Abh.B.1840p.14: (Coscinodiscus.) ---
 KUTZINGII, E.-Abh.Ber.1840p.144; Mg.pl.35A-13a, f14: -(Cycl.operculat.)
 LAEVIS, E.-Abh.B.1869p.262; Nord.p.22:
 MAMILLA, E.-Abh.B.1845p.76; Mg.pls.33B-22f1: 33A, f14 cum icones:
 (Cyclot.)
 MARGARITIFERA, Schum.1867p.61-3f63;
 OPERCULATA, ?-(Cyclotella.) --
 OPULENTA, E.-Abh.Ber.1845p.359: (Cyclot.)
 OLIGACTIS, E.-Mik.pl.35A-9f1: (Actinocyclus.)
 ORGONICA, E.-Mik.pl.37-2f3, 3x: Abh.B.1870p.33; Abh.B.11.1111;
 (Cyclot.; -S'discus. astraea, var. Discosira)
 ORNATA, E.-Mik.p.331:
 PARADOXA, E.-Abh.B.1869p.262; Nord.p.22:
 PERUANA, E.-Abh.B.1844p.342; Mg.pls.33A-13f1; 33A-14f3: -(Cyclot.)
 PHRYGIA, E.-Mik.p.35:
 PMYSOPLEA, E.-Abh.B.1845p.76; Mg.pl.33-17f3: Atlantic City: -(Cyclot.)
 PICTA, E.-Abh.B.1845p.363; Mik.p.123: (Cyclot.) -
 PUNCTATA, E.-Abh.Ber.1869p.262:
 RADJATA, E.-Abh.B.1842p.265:
 ROTA, E.-Abh.B.1844p.202; Mg.pl.35A-22f3: -(Cyclot.: -Stictodiscus.)
 ROTULA, E.-Abh.B.1844p.202; Mg.pl.35A-22f7: -(Cyclot.: -Stictodiscus.) --
 SIMBIRSKIANA, E.-Abh.Ber.1845p.302:
 SINENSIS, E.-Abh.B.1847p.434; 1872pl.1b, 113; Mg.pl.39-1f1b; 39-1f1c;
 Schum.1867p.60; M.T.P.4-5-14; (Cyclot.)
 " vars."a" & "b", E.-Mik.pl. 34-7f2, 3;
 Schum.1867p.60-3f 36;

SOL, E.-Mik.p.I23:

SORRENTINA, E.-Mittelmeeeres I373pl.4fI9-23:

UMBILICATA, E.-Abh.Ber.I354p.239: Mg.pl.353-4b,f9;

Schum.I367p.60-3f6I,6Ia;

(Cyclotella.)

UMBONATA, E.-Mik.p.I23:

UNDATA, E.-Abh.B.I344p.267:

(Cycl.)--

UNDULATA, E.-Mik.pl.33-I3f3; Schum.I367p.6I:

(Triceratium crinale & Ehrhardii.)--

VENUSTA, E.-Abh.B.I352p.534; I370pl.2-2fI5; I37Ipl.Ib,fI5,I5:-(Cycl.)

DISCOSIRA.----- (Rabenh., 1855)

SULCATA, Rabh.S.D.p.I2,II.3; Prit.p.322-5f63; R.E.D.p.36f7; Italy:

Det.Syll.p.I369:

(Melosira; -Paralia; -Orthosira.)

DISCUS.----- (Lubbock, 1877)

PORCELAINOUS, Stouder.-A.J.M.I379p.I4; Wille pl.74fI7; J.R.M.S.

I379p.337; Det.Syll.p.I426;

DISIPHONIA.----- (Ehrh., 1803.)

AUSTRALIS, E.-Mik.pl.35A-2f7; Prit.p.3I0-4f55; M.D.pl.42f23;

(Diatomella & Grammatophora Balfouriana.)---

v.Seelandica, E.-Abh.Ber.I369pl.2-2fI3;

DITYLUM.----- (Bailey, 1861.)

BRIGHTWELLII, West.-V.I.S.p.I95: Det.Syll.p.I0I7:

(Triceratium.)-

v.inaequalis, Grun.-V.I.S.p.I95-II4f3,5-7:

(Tric.; -Dit.i.)--

v.tetragona, V.I.S.pl.II4f4,3: Cl.1897p.23

v.trigona, V.H.S.pl.II4f9; Cl.1897p.23

(Tricerat.)-

EHRENBERGII, Grun.-V.I.S.pl.II5f7,8; W.&C.2f.5-4fI2;

(Tric.: -Discoidea undulata.)-

GROVEI, Brun.-L.D.No.I24.I75-24f9:

(Trinacria Muelleri.)

INAEQUALE, L.W.S.-3.3.2.I.I337f.301,fI2-I4:

(D. inaequale, v.)

INTRICATUM, West.-V.I.S.p.I95-II4f2; Villef.p.70; Det.S.p.I0I3: (Tric.)

SEGMENTALE, Brun.I39Ip.25-I4f2a.b:

(Lithodesmium.)

SOL, H.V.H.S.pl.II5fI,2: Melaisie; Det.S.p.I0I3:

(Tric.s.)

TRICUM, Bailey.-B.J.M.I.I337p.332,f6,I0,II: Sm.S.I.I42:

(D.Brightwelli, var.)--

UNDULATUM, E.-V.I.S.pl.II6f7:

DONKINIA.----- (Donk., 1861.)

-, O'M., M.J.I377p.I95: Q.J.M.S.1867p.10:

ANGUSTA, Breb.-Ralfs,Prit.p.92I; Carr.p.II3; R.E.D.p.242 cum icone;

Per.Plum.p.50-9f5; Det.Syll.p.275: (Synonyma.)

(Pleu.I35I, f.1.)-

ANTIDIA, Grö.&St.-J.D.C.I334p.I33; Plu.Plum.p.29: Det.S.p.275: (Synonyma.)

CARINATA, Donk.-Ralfs,Prit.p.92I-3f49; R.E.D.p.242 cum icone; Carr.

p.II3; Det.S.I.33; Sm.S.I.I42; Cl.Vand.p.477,499; Plu.Plum.p.29-

9f6; Det.S.p.275:

(Pleu.);;

Sp. glaucosa Guss. Musc.: Cat. Musc., p. 119: [Synonymized?]

- COMPACTA, Grev.-Ralfs, Prit.p.92f; Breb.D.C.: Carr.p.113; R.E.D.p.24, cum icon; Lapp.I373p.50;
(Amphipora Ralfsii; -D. recta; -Pleurosigma c. & recta;)
CRISTATA, E.-Prit.p.92f; Del.Syll.p.274; (Navicula)
CICLYMA, Carruthers p.113; (Amphipora, W.S.)
DIVERSA, Ralfs, Prit.p.92f;
DUPLIX, Carr.p.113; (Amphipora, Donkir.)
INVERSA, Ralfs, Prit.p.92f; Del.S.p.274; (Navicula.)--
MINUTA, Donk.-Breb.D.C.: Prit.p.92f; R.E.D.p.242; Cl.Veg.p.473; Per.
Pleur.p.30-9f9; Malaisia; Del.S.p.274; (Pleurosigma)
RECTA, Donk.-Carr.p.113; H.T.p.3-5-14; V.I.S.p.119-179; V.N.p.11;
Cl.Veg.p.497; Villot.p.54; Malaisia; Per.Pleur.p.30-9f4; Del.S.p.
274; (Gymnigma: D. compacta; -Pleurosigma)
" var. " minima, Donk.-Carr.p.113; (Gymnigma, var. minima; (Pleur.))
" v. intermedia, Per.Pleur.pl.9f7, 8; Del.S.p.274;
RETICULATA, Nornal-Grev., Trans. Bot. Soc. Edinb. Vol. 3, 1867, 237-3110, 11;
Prit.p.92f; R.E.D.p.243; Per.Pleur.p.29-9f2; Del.Syll.p.274;
THUMII, Cl.-Per.Pleur.p.30-7f23; 9f10; Del.Syll.p.274;
(D. recta, Ralfs: Gymnigma)

DORIPORA.----- (Kz., 1844)

- AMPHIGEROS, W.S.A.p.74-5110; 21(2)f1; K.S.A.p.50; Prit.I332p.1.171f1;
S.B.D.II.77-24f224; Grin.I362p.334; M. & R.S.p.7f; Mull; R.E.D.p.123;
Roper, Thores; Cl.I373p.11; H.T.p.4-1-24; Del.Syll.p.15;
(Cocconeis; -Thalassia a., fasciata, p.111f1, 136103, 110003.)
BOECKII, S.B.D.II.77-24f227; Schn.I357p.54; M. & R.S.p.7f; Mull;
(Boschma; -Cocconeis a. & fasciata; -Navicula.)--
ELEGANS, Roper.-M.J.I354p.234, f3;
(Euphyllidium spatulatum: -Podocystis Americana.)

DORIDGEE;-- (Donk., 1867)---

- COMPRESSA, Donk.-Sm.Sp.1.No.651; (D. geminata; -Podocystis.)
GEMINATA, Donk.-M.J.I361p.13-1f15; Carr.p.9f; V.I.S.pl.9f125, 23;
1.No.472; Del.S.p.1365; (Podocystis compressa.)

ECHINARIA.----- (Kz., 1844)---

A subspecies of Synedra.--

Vide K.B.p.64; K.S.A.p.4f; Meneg.A.N.D.p.400; -

ECHINELLA.----- (Lachmann, 1863)---

- , Bailey, A.J.S.I342p.6-3f9;
ABBREVIATA, E.-Inf.p.222-19f4;
(Gomphonema a. & brevipes; -Gomphonema parvula.)--
ACUTA, Lynce. Acad. Tent.p.20, pl.39; -(Cymbella: -Synedra fasciculata.)
ANNULATA, (Achnanthes unipunctata.)--
CAPITATA, E.-Ach. p.1350, 1351; Inf.p.221-19f5; -(Synedra: -Achnanthes, 11.)
CHAUVINI, Drey Bot. Gallie. (1867) (Synedra: -Achnanthes, 11.)
CIRCULARIS, Grev.-Ann. Weimar. Soc. Vol. 4, 213-312; 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 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- CILIOLATA, Corda, Almarach Calisbad: (Gomphonema abbreviatum.)
 CUNEATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "D": (Gomphonema.)
 (Podosphaeria C. & communis: Frust. 06. 1 Aug.)
 FASCICULATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "E": (Diatoma; -Diat. & Syneura crystallina; -Syn. Cailloni.)
 " v. truncata, Grev.-Scott. Flora (Syneura line.)
 LABELLATA, -Carmichael Mss.: E. Inf. p. 220-19f I; A. S. S. 1342p.
 3-3f3; (Meridion radians; -
 Liemophora (Gomphonema) f., argentescens & radians.) ---
 FULGENS, (Diatoma variegatum.)
 GEMINATA, Lyngb. Hydr. Tent. p. 210, pl. 70f "D": (Gomphonema.) --
 OBTUSA, Lyngb. Hydr. Tent. p. 203, pl. 69; Jarg. Alg. Exs. Dec. No. XVII B:
 (Denticula; -Diatoma o. & vulg.: -Epithemia targuia; -Syneura: Frust. 06. 1 Aug.)
 OLIVACEA, Lyngb. Hydr. Tent. p. 209-70f 100 (I-3); Jargens Algae Exsicc.
 No. 139: - (Meridion vernalis: - (Gomphonema; -Gomphonella.) ----
 PARADOXA, Lyngb. Hydr. Tent. p. 211-70f "E": Scott. Flora pl. 25; E. Inf. p. 221:
 (Gomphonema; -Liemophora; -Podosp. communis & p.: -Rhipidophora.) --
 RADIOSA, Acharius in Beitrag zur Naturk. p. 340:
 STIPITATA, Lyngb. Hydr. T. p. 210-70f6; (Achnanthes brevipes & success.) ---
 STRIATA, Turpin Dict.: (Podosphaeria gracilis.)
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 VENTILABRUM, Carmichael; -T. M. S. 1332p. 55: - (Liemophora splendida.) -
 VENTILATORIA, Desmaz. - Meridion circul.: -Podosphaeria gracilis.) ----
 VITREA, Bory Dict.: (Syneura.) --

EMERSONIA. --- (Bailey, 1843) -

- ANTIQUA, Bailey. 1. 2113: A. S. 1342p. 137 (Zygoc. Emersoni.) --
 ELEGANS, Bailey. 1. 2113: A. S. 1342p. 139 (Zygoc. Emersoni.) --

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 -, A. S. Atlas 9f II: 10f 44: 7f 13:
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 " forma gracilior, Rabh. E. O. p. 35:
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 " v. Auerswaldii, Rabh. V. H. S. p. 33-3f 14; Del. S. p. 372:

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- v. *distans*, Bergon.-LeD.No.IOp.I37-20f3; Del.S.p.973: *Atlas 203f5*;
- v. *intermedia*, Cl.-LeD.Vol.21.36-I6f3,4; No.IOp.I38-20f9; I6f3,4; Del.Syll.p.979: (Var. *linearis*, f.2.c.1886p.209-24f61.)----
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- v. *conspicua*, Bergon.-LeD.No.IOp.I39-20f3; Del.S.p.979;
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- v. *trigemma*, Bergon.-LeD.No.IOp.I39-20f10-12; Del.S.p.973: *Atlas 203f11*;
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- v. *quadrata*, Witt I333p.16-4f7; (E. *berberidis*.)
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- + FORMOSA, Bergon.-LeD.No.IOp.I46-21f13; Del.S.p.932: -(E. *punctulata*, f.1.)
- FURCATA, Brun, I39Ip.26-IIf7: (E. *variegata*, var., & *gratiosa*.)
- GRATIOSA, Grev.-M.J. I365p.235; LeD.No.IOp.I32-I9f6,7; (E. *furcata*; -Tric.)- Del.Syll.p.973: *Atlas 203f14-20f11*;
- var., A.S., *Atlas 33f3*: (E. *Temperlei*, v.)
- INOPINATA, Grev.-M.J. I363p.235; V.A.S. p.1. II2f4; LeD.No.IOp.I34-I9f13; Del.Syll.p.977: (Tric.)-
- forma *linearis*, Bergon.-LeD.No.IOp.I35-I9f14; Del.S.p.977: *Atlas 203f11*;
- + JEREMIANA, Cl.-LeD.Vol.2p.90-I6f7; No.IOp.I40-20f14; Del.S.p.979; (E. *Davyana*, v.) *Atlas 203f1,3*;
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- > LETOURNEURI, Bergon.-LeD.No.IOp.I30-I9f2; Del.S.p.975;
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- PULCHERRIMA, Grev.-M.J. I363p.237-I0f24; Witt I333p.16-4f4; LeD.Vol. 2p.35-I6f1,2,3; No.IOp.I43-21f5,6; Del.S.p.931: *Atlas 203f9; 204f1*;
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 v. quinquecostata, Rabh. E. D. p. 66: -(E. 5-costata; -Cystopl.) -
 v. rupestris, Rabh. E. D. p. 66: (E. rup.: -Cystopl.) --
 GLOBIFERA, Heib. p. 103-3f22; Kinnord: (Cystopleura.) -
 GOEPPERTIANA, Hilse, 1360p. 79; Heaw. Vol. 5pl. I; Rab. Al. E. No. 1021:
 (Cystopleura & E. argus, var.) -
 GRANULATA, K. B. p. 35-5f20; K. S. A. p. 1.4; S. B. C. p. 12-1f3; Prit. p. 761-9f
 15; Heib. p. 103; Grin. 1362, 326; Mill: Schum. 1364, 15; weisse 1364,
 107-1f6; Delogne; R. E. D. p. 63; Petit & Leud.; Pet. Cat. p. 20; Parag. p.
 56; M. T. P. I-1-4; Belleo, Lichon; Wollé pl. 35f4, 5;
 (E. faba, libanitis, verticillata; -E. & Cystopl. curvata, var.)
 v. Rabenhörstii, Heaw. - Rab. Al. p. 133; R. E. D. p. 66;
 HELLENICA, Ralfs, Prit. p. 760: (Cystopleura; -Eimotia.)

HYNDMANNII, W.S.-A.M.N. 4. 1350p. 124; S.B.D. 1p. 12-111; Prit. p. 730; R.E. 3p. 33; Mill; Schum. 1357. 51; Rab. Alp. 1p. 133; Gran. 1352. 324; Carr. 1p. 70; Nylander, M.: Cl. 1353p. 235; Italy; 11021, Balise; V. 1. 9. 1. 135-31f3, 4; 1.252; Kinnora; M.T.P. 1-1-5; wolle pl. 35f6, 7; J.R.M.S. 1351, p. 442-3f4; Malaisie; Herib. p. 125; *Talsta* p. 434.

(*E. perlonga*; -*Cystopleura*.) ----

• v. curta, Per. & 4-Herib. p. 125-3f17:

INFLEXA, Pant. 2p. 60-7f125:

(*Cystopleura*.)

INCISA, Pant. 3p. -33f533;

INTERMEDIA, Hilse, 1360. 70; Bleisch, 1333; Dannf. p. 13:

(*E. & Cystopl. argus*.) ----

KURZEANA, Rabh. Diat. Exs. No. 27:

(*Cystopleura*.)

LIBRILIS, K.B. p. 35-29f45; K.S.A. p. 3; R.S.D. p. 13-1f31; Gallia, Papar;

Prit. p. 761-12f24, 25; Schum. 1364p. 16-2f1:

(*Cyst. turpida*, v.: -*E. granulata*; -*Eumotia*.) ----

LINDIGII, Rabh. S.D. p. 19-1f20; R.E.D. p. 33; Prit. p. 732:

(*Cystopleura*.)

LONGICORNIS, W.S. S.B.D. 1p. 13-30f247; Prit. 1351p. 124f3-3; 1350p. 730-

13f3-9; Carr. p. 70; R.E.D. p. 37; Italy; Malaisie; J. R. M. S. 1351p. 442-3f4;

(*Cystopleura & E. argus*, var.: -*Eumotia*.) -

MANIPULIFERA, Cramer, 1333;

(*Eumotia Mosis*?) ----

MARGARITIFERA, Rab. S.D. p. 17-1f32; Prit. p. 760; R.E.D. p. 33: (*Cystopl.*)

MARINA, Donk. -1. M. S. 1353p. 29-3f11; Prit. p. 751; Italy; Carr. p. 70; R.

E.D. p. 65; Hull: wolle pl. 21f23, 24; (Eumotia; -*antecessaria*.)

MESOGONGYLA, Ralfs, Prit. p. 732:

(*Eumotia & Cystopl. turpida*.) ---

MESOLEPTA, Ralfs, Prit. p. 732:

(*Cystopl. & Eumotia turpida*.) -

MINUTA, Hantzsch, Rabh. Al. Em. 910 No. 1501: (*Cyst. granulata*, var.)

MONOLIFERA, Petit Cat. p. 20-1f10; Law. 137p. 125; 137p. 125; 137p. 125:

J.R.M.S. 1373p. 241-14f10:

(*Amphora*: -*Cystopleura*.)

MULTICOSTATA, Pant. 2p. 60-7f135:

(*Cyst.*)

MUSCULUS, K.B. p. 33-30f6; K.S.A. p. 1; S.B.D. 1p. 14-1f10; Prit. p. 750-13f

13; Heib. p. 104; M. & R.S. p. 70; Carr. p. 76; Breb. Verm. p. 3, f11; R.E.D. p.

33; Italy; Rapa, Thanes; New Zealand: Gran. 1352. 331; Rab. Alp. 1p. 133

Nos. 1043, 1432: Cl. 1363p. 235; Vega p. 493; 1391p. 55; M.T.P. 1-1-10; V.

H.S. p. 140-32f14, 15; Petit Cat. p. 20; Lagr. 1373p. 22; Shark River; Sm.

Sp. 1. 151; Dannf. p. 13; Perag. p. 57; Malaisie; wolle pls. 35f13, 19; 33f

27; (*Cystopleura*; -*Eumotia* sp. 11f11.)

• v. constricta, Br. 1. -V. 1. S. 1. 140; 1.231: (*E. & Cystopl. constricta*.)

OCCELLATA, K.B. p. 34-29f57; K.S.A. p. 3; R.S.D. 1p. 19-1f25; S.B.D. 1p. 13-1f3:

Prit. p. 750; Gran. 1352. 330; Mill; Italy; Schum. 1351p. 133-3f3; R.E.D.

p. 33; Carr. p. 70; Petit & Lem. 1. 7. 7. 1-1-19; 11021, Balise; Malaisie;

Br. Alp p. 47-2f12; Kinnora; wolle pl. 35f22, 23; Belloe, Lichen; Herib.

p. 130: (*Cystopl.*: -*E. proboscidea*; -*Eumotia o. & texturilla*.)

OTRANTINA, Rab. S.D. p. 19-1f29;

(*Cystopl.*: -*E. alpestris & Australis*.)

PERLONGA, Pant. 3p. -13f326; 26

(*E. Hyndmannii*.)

PETHOI, Pant. 2, p. 60: 3p. -42f572:

(*Cystopleura*.) -

PICTUM, Breb. Cons. p. 16:

(*Finetilla*.) -

PORCELLUS, K.B. p. 34-5f13, 19; K.S.A. p. 2; Italy; Prit. p. 751-13f12; R.

E.D. p. 65; Gran. 1352p. 323-3f3; Stross, Kleiken; Dannf. p. 13:

(*E. & Cystopl. zebra*, var.)

Sorex,

" var. β , *Bourc. Alpes* p. 44; (Coste transversales, parallèles.)

- PROBOSCIDEA, K.B.p.35-5f3; K.S.A.p.3; S.B.D.Ip.13-1f3; Prit.1.731:
Italy: Grun.1331p.329-4f3; Hull; Cl.1333p.13; T.1.270; Darnf.p.13; Parag.p.57: *Tolsta p.435*:
(*E.ocellata* & *Smithii*; -*E. & Cystoplena zebra*, v.)--
- QUINQUECOSTATA, Rab.S.D.p.13-1f35; Prit.1.730: (E.gibberula, var.)--
- RADULA, Breb.-Rab.E.D.p.35: (*Antschel E. marina*)----
- RETICULATA, Nag.-K.S.A.p.330; R.S.D.p.13; Prit.1.760: (E. & *Cystoplena*)----
- RUPESTRIS, S.B.D.Ip.14-1f12; Braemar; Prit.1.730; Grun.1332p.33f;
Carr.p.73; Darnf.p.13; Sm.Sp.1.152: (E.gibba, v., & *westerni*.)---
Herib.p.130: *Tolsta p.435*
- SALINA, Pant.2p.31-5f11; (Cystoplena.)--
" v. *marina*, Pant.2p.31-5f11:
- SANCTI-ANTONI, Ralfs, Prit.pp.732, 933:
(*Denticula laeta*; -*Eunotia* & *E. beatorum*)----
- SAXONICA, K.B.p.35-5f15; K.S.A.p.3; R.S.D.p.13-1f9; Prit.p.731; Grun.
1332p.323-3f3; Solm.1.1.1.51; Darnf.p.14; Hoffmann, *var. 1332*; Solm.
Kleiken; Spamer, Duren: (E. & *Cystoplena zebra*, v.)----
- SCUTELLUM, Breb.Cons.p.13: (Cystoplena.)--
- SMITHII, Carruthers 1.73: (E. & *Cystoplena proboscidea*, var.)
- SOREX, K.B.p.33-5f12(5a-e); K.S.A.p.1; R.S.D.p.13-1f7; R.Alg.E.No.
1043a,b; Breb.D.C.: S.B.D.Ip.13-1f9; Front.; Weiss 1330p.338-1f8;
1334p.360-4f7; Heib.p.104; Eul.Sp.1.33; Hull; New Zealand; Jan.Gl.p.
23; Grun.1332p.327; 1333p.1; Italy: Roper, Thames; R.E.D.p.34; Scroze,
Kleiken; Cl.1333p.235; 1334p.3; Vega p.493; 1391p.55; Malaisia; Sm.
Sp.1.153; Eiben, 1371; Prollius p.57; M.T.P.I-1-12; Pet.liste p.17:
Brun Alp p.44-2f13; Kinnord; Deby Polder p.15; Darnf.p.13; Hoffmann,
Marburg; Ebert, Cassel; V.H.S.p.130-3233-10; 1.270; Lark. Michigan;
Wolle pls.34f13; 35f24, 25; Bellec, Luchon; Gallie, Pagan; Delogne; Per.
p.57; Spamer, Duren; Herib.p.123; *Tolsta p.435 a.c.c. 1875 p.27*:
(E.gibberula; -*Cystoplena*; -*Cymbella ventricosa*.)--
- STRIOLATA, Pant.3p. -1f1243;
- SUBSALSA, Pant.2p.31-15f230: (Cystoplena.)
- " v. *validior*, Pant.2p.31-15f230:
- SUCCINCTA, Breb.-J.D.C.1370p.42-1f7; Sm.Sp.1.154; V.1.S.pl.32f13-13;
1.230; Italy: Wolle pl.34f12; Parag.p.57; Pant.2p.31; Herib.p.127:
(E.constricta.)----
- TEXTRICULA, K.B.p.35-29f53; K.S.A.p.3; Italy: R.S.D.p.19-1f13;
Prit.p.731; Wolle pl.35f34: (Eunotia.)--
- TERTIARIA, Pant.3p. -4f1557;
- TRANSYLVANICA, Pant.3p. 1. -1f13:
- TURGIDA, K.B.p.54-5f14; K.S.A.p.2; R.S.D.p.13-1f11; R.Bac.No.57; R.
Alg.E.No.1404; S.B.D.Ip.12-1f2; Front.; Mull; Marissal; Braemar; R.
E.D.p.32, f15; Desmaz.I, No.1451; 2, No.1051; Prit.1.731-4f1; 9f153-13f;
11f1-3; Heib.p.103; Weiss 1331p.107-1f3; Solm.1.1.1.11; 1334p.13;
Grun.1332p.324-6f2; 1333p.1; 1334p.43-2f1; Italy: Pfitzer 1.33-4f10;
Prollius 1.57; Eul.Sp.1.33; Bleisch, 1335; New Zealand; Roper, Thames;
Girard Ross.p.12-2f17; 13-3f11; Borsow pls.1f13; 2f7; Eaw.N.1.1.

+ turgida. — Carp. 1891 p. 529 & 347.

+ Leura, c. —

11 v. bidens, a. cl. 1895 p. 27.

* v. intermedia, warchm.-R. Alg. E. 1039 sub; R. E. C. 4. 65; -(E. u. tern.)

groenlandica, Cl. R. S. A. R. p. 1896 (3). K. 4 p. 10-2 f 10: Cl. 1897 p. 23:

Sm. Sp. T. # 653: Det. S. p. 983: Cl. 1897 p. 23:

K. S. A. p. 191: S. B. D. 2 p. 25 pls. 35, 60 f 299: Pr. 4. p. 937-2 f 43:

E. K. v. p. 71-4 f 8: K. B. p. 143-21 f 21:

Zodiaceus, }
G.

Gm. 1864 p. 355: m. S. p. 415 10: R. E. S. p. 324, f 93: V. H. S. p. 203-95 (2) f 1, 2, 7, 18

|| var. cornigera, Gm. - V. H. S. pl. 95 (2) f 3, 4: -

- v. longicornis, H. & Per. - Herib. p. 123-3f14; *a. cl. 1895 p. 27*;
 v. longissima, H. & Per. - Herib. p. 123-3f13; *a. cl. 1895 p. 27*;
 v. minor, H. & Per. - Herib. p. 129;
 v. porcellus, Grun. 1362p. 323-3f3, 4; (Ep. porc.)
 v. proboscidea, Grun. 1362p. 329-3f5; V.H.S. p. 139-3f10; T. No. 254;
 Herib. p. 123; (Ep. probosc.)
 v. Saxonica, Grun. 1362p. 323-3f6; Rabh. Alg. Eur. No. 422;
 R.E.D. p. 65; (Ep. Sax.) -
 v. undulata, H. & Per. - Herib. p. 129-3f15;
 ZEBRINA, ^{W.B.} p. 34; K.S.A. p. 2; R.S.D. p. 16; Prit. p. 761; Schum. H. 1. p.
 51; 1362p. 133-1f2; Ebert, Cassel; Hoffmann, Marburg; Pant. 3p. -26f
 385; (Cystopleura & Ep. turgida, v.: - Eunotia.) -

ETHMODISCUS. --- (*Castr., 1887*)

- ; Castr. 1337p. 170-14f4a-c; Atlantic City: - (Coscinoideus Gazellae.) --
 CARINATUS, Pant. 3p. -29f430; Det. Syll. p. 1310;
 CONVEXUS, Castr. 1337p. 163-3f9; (Coscino. profundus.)
 CORONATUS, Castr. 1337p. 163-22f7; Notar. 1339p. 755; Det. Syll. p. 1309;
 var., Castr. 1337p. 163-12f7, 13;
 DIADEMA, Castr. 1337p. 169-13f1; Notar. 1339p. 755; Det. S. p. 1310;
 GIGAS, Castr. 1337p. 169-14f5; (Antellminellia; - Coscin. Gazellae.) -
 HUMILIS, Castr. 1337p. 163-17f4; Notar. 1339p. 756; Det. S. p. 1310;
 JAPONICUS, Castr. 1337p. 163-22f2; Notar. 1339p. 756; Det. S. p. 1311;
 var., Castr. 1337p. 163-13f1;
 OBOVATUS, Castr. 1337p. 169-17f5; Notar. 1339p. 756; Det. S. p. 1310;
 PERICHANTINUS, Castr. 1337p. 169-22f3; Notar. 1339p. 756; Det. S. p. 1309;
 PUNCTIGER, Castr. 1337p. 167-3f1; Notar. 1339p. 756; Det. S. p. 1309;
 RADIATUS, Castr. 1337p. 167-12f9; Notar. 1339p. 756; Det. S. p. 1309;
 RUSSICUS, Pant. 2p. 31; 3p. -34f434, 433; Det. Syll. p. 1310;
 STELLIFER, Pant. 3p. -27f397; Det. S. p. 1310;
 SPHAEROIDALIS, Castr. 1337p. 170-22f10; (Cosc. Gazellae.) ----
 TYMPANUM, Castr. 1337p. 170-14f3; (Cosc. Gazellae.) ----
 VITRIFICIES, Brun & Temp. p. 37-3f11; (Pantocsekia clivosa.) ----
 WYVILLEANUS, Castr. 1337p. 170-14f6; (Cosc. Gazellae.) ----

EUCAMPIA. ----- (*Ehrh., 1839*) -

- BALAUSTIUM, Castr. 1337p. 97-13f15; Notar. 1339p. 757; Det. Syll. p. 934;
 v. minor, Castr. 1337p. 93-13f6; Det. S. p. 934;
 BRITTANICA, S.B.D. 2p. 25-3f373; Prit. p. 937; Grun. 1362p. 355; Carr. p.
 116; R.E.D. p. 324; Det. S. p. 934;
 CORNUTA, V.H.S. pl. 95(2)f5; *Cl. 1897 p. 23*; (Mallena.) -
 NODOSA, Palmer. - J.R.M.S. 1330p. 335; Atlas 141f23; (E. zodiacus.) ----
 PAYERI, Grun. 1364p. 55-2f17a-c; Cl. Vega p. 436; Det. S. p. 934;
 STRIATA, Stollertfoth. - J.R.M.S. 1330p. 335 cum icone; Det. Syll. p. 934;
 (Rhizosolenia.) ----
 v. maxima, Stoll. - J.R.M.S. 1330p. 335 cum icone;
 VIRGINICA, V.H.S. pl. 95(2)f6; Atlantic City; Wille pl. 63f32;
 Det. Syll. p. 934;

Euroconis.

A. G. - Clav. Nov. 2 (1893) p. 173: -

Arcus. Oestrup 1897 p. 336. 1

A Species of Ceratoneis: -- Vireo Grunow, 1865, p. 7.

EUMERIDION. ---- (Kütz., 1844)

CONSTRICTION, K.B.p. 42-29f8I; Menz. A.N.D.p. 373; K.S.A.p. II: -- (Meridion)

EUNOTIA. ----- (Ehr., 1837) ~

O.J.M. 5/18556

-, A.J.S. Vol. 35, pl. 2f9: -- (E. ~~bidens~~.)

Menz. A.N.D.p. 375:

-, A.J.S. Vol. 4I, 1342p. 100-2f27: -- (E. gibba.) Tanarek 1379p. 46:

-, Heaw. Vol. 2p. 43-7f16, 17: --, Dippel 1370p. 10-1f12:

-, E., Mik. pls. 8-3f15: -- (Amphora): --, 13-2f21a, b: -- (E. pectinalis.) --

-, 16-3f10: -- (E. pectinalis.) 38A-15f4: -- (E. argus, var. ?)

ALPINA, K.B.p. 36-3f10; K.S.A.p. 5; R.S.D.p. 15-1f2; Prit. p. 753: Schum.

H.T.p. 5I; -- (Himantidium Halcyonellae:) (E. S. 3 - p. 69)

ALPINA, Grun. 1362p. 332: Cl. & M. No. 159; Italy: Del. S. p. 797: -- (E. monod., v.

AMERICANA, K. & S. - T.B.C. Vol. 13p. 209-93f1; Woll. 73f12: Del. S. p. 793:

AMPHIDICRANON, E. - Abh. Ber. 1345p. 77: Mg. pl. 33-12f14; K.S.A.p. 5; Prit.

p. 764; Del. Syll. p. 304;

AMPHILEPTA, E. - Abh. Ber. 1345p. 363; Mg. pl. 34-3f4; K.S.A.p. 5:

R.S.D.p. 13:

(Nitzschia.) ----

AMPHIOXYS, E. - Amer. p. 125, pls. I-1f23; I-3f6; 2-3f14; 3-4f9; 4-

5f7; Mg. pls. 2-3f2I; 3-3f10; 5-1f9a; 14f35p; 15A, f39; 34-1a, f1; 34-2f

3; 34-1b, f4; 34-3a, f1; 34-3b, f2; 34-3f5; 34-11c, f1; 35A-1a, f1; 35B-

1a, f1; 35B-2a, f1; 33A-7f11; 33A-7f13; 33A-1a, f2, 3; 33A-17f12; 33A-1a, f2

5b; 33A-15f3; 33A-2f6, 7; 39-1f29, 30; 39-2f2b, 9a, 3b, 10b, 13a, 14a; 39-

3f3I-33; Nord. p. -2f9; Abh. Ber. 1369p. 1.2-1f1I; 137Ipls. 1a, f7; 16, f2I;

K.B.p. 36-29f44; 30f1; K.S.A.p. 4; Mathieu; A.J.S. 135I, f23-32; Weiss:

135I, p. 273-1f3; 1360p. 353-3f3; Ga. p. 303-2f35; R.S.D.p. 15-1f1; Ebert,

Cassel; Prollius p. 57; Hoffmann, Marburg; Spamer, Duren:

(Frustulia scaphidium: -Hantzschia; -Nitzschia.) ---

var. "a" vulgaris, E., Mik. pl. 94, 12I:

var. "b" ampla, E., Mik. pl. 94, 12I:

var. "g" rostrata, E., Mik. pl. 94, 12I:

v. hybrida, E. - Mik. p. -34f4:

v. tenella, E. - Mik. p. -34f5, 6;

AMPHYRRHAMPUS, E. - Abh. B. 136I, p. 295: Del. Syll. p. 303:

ANISODON, L.W. Bailey - B.O.N.A. 1362p. 336-1f26; Del. S. p. 307:

APICULATA, E. - Prit. p. 764; Del. S. p. 307:

ARAUCANIAL, E. - Mik. p. 296: Prit. p. 761; Del. S. p. 305;

ARCUS, E., Inf. p. 13I-2f22; Mg. pls. 13-1f24, 25; 16-2f33; 17-2f24; Abh.

B. 1369p. 1.2-1f9; A.J.S. 1342p. 100-2f23; Hass. Alg. p. 413-97f5; Braemar;

Carr. p. 76; Heaw. Vol. 5p. 42-7f13, 14; Grun. 1363p. 2: Italy: R.E.D. p. 7I;

Cl. 1360p. 109; 139I, 56; Nares; Mobile; V.H.S. p. 14I-34f2; Del. Syll.

p. 790; Herib. p. 150: A. Cl. 1360p. 109 (Ceratoneis; -Cymbella; -E.

corta; -Toxosira strumilosa; -Himantidium attenuatum, Halcyonellae & c.) ---

v. attenuata, Rabh. A.D. p. 72: (Himantidium s.) ----

v. bidens, Grun. V.H.S. p. 142-34f7; Del. S. p. 79I; Herib. p. 150;

v. curta, V.H. Type No. 263:

v. Groenlandica, Cl. 133I, p. 3:

Argus, 2. f. S. 1835p. 119-259%

+ videns, Enn. pl. 2-253/6:

+ bigibba, K.

"v. pumila, Gr. - V.H.S. pl. 34 (171)

"v. Herkinciensis, Gr. - V.H.S. pl. 35 f 141 - (? bigibba, var.?)

> Crotalaria, Bm. - Ed. 2, No. 22 p. 237-19 f. 17, 18: - (Toxarium?) -

+ Denticula, Cl. M.

" v. borealis, Q. C. 1895 p. 29-113, 141

" v. laevis, Cl. M. #28:

+ Diadon, E. - oestrup 1897 p. 336:

" v. minor, Lun. - a. cl. 1895 p. 28:

> falciata, Greq. - T. Mis. 1854 p. 1001 - (E. falx.)

> Fallax, a. cl. 1895 p. 33 - 1 f 3

+ flexuosa, V.H.S. pl. 34 f 8, 10:

+ formica, a. cl. 1895 p. 32:

- 36f5, 3, 2I, 22; R.E.D.p. 69f13; Tenax 1379p. 43, f25A; Malaisia; Det.
S.p. 799; Cl. 1391p. 57; Hoffmann, Marburg; *Tolsta* p. 435: *a. cl. 1895p. 28*:
(*E. tetradon*, var., & *bigibba*, *robusta* & *pilis*.) -- *V.H.S. p. 7, 33 f. 56*:
* *v. diminuta*, Grun.-V. 4.S. pl. 33f7; *a. cl. 1895p. 28*:
DIZOIA, E., Amer. p. 123, pl. 1-113; K. 3. p. 33-29f11; V. 9. p. 7; R. 9. p. 1.
17-1f20; Prit. p. 764; B. 3. p. 1. 1331, 333, f27; Wille pl. 3317; *E. ...*
DOCEADON, E., Amer. p. 1-113; Prit. p. 764; R.E.D.p. 70; (*E. ...*) ---
EDULIS, E., Mik. p. 315; Prit. p. 764; Det. S. p. 306:
EUREMBERGII, Ralfs, Prit. p. 764; Grun. 1332p. 333; S. 9. p. 3. 355;
Det. Syll. p. 303: (Eunotiae, Species Miltiae.) ---
* *v. quaternaria*, Pant. 3p. -21f19;
ELECTRI, E., Mik. p. 37-3f3; Det. S. p. 307: -- (Cocconota ciliata: -- 1f16 etc.)
ELEPHAS, E., Amer. p. 123, pl. 1-413; K. 3. p. 37-29f14; V. 9. p. 7; R. 9. p. 1.
17-1f27; Prit. p. 764; Grun. 1332p. 334; Det. S. p. 301:
ENNEODON, E., Abh. Ber. 1340p. 15; Mg. pls. 4-1f17; 5-3f43; 16-2f23; 17-1f
36; K. B. p. 33; K. S. A. p. 3; Prit. p. 764; Amazon; R.E.D.p. 70:
(*Himantidium e. & robustum*.) ---
ERUCA, Grev.-M. J. 1359p. 179-9f1; Grun. 1331p. 94; Fortn. Cey. p. 50;
Cl. & M. No. 130: (Amphicampa; -E. Sibirica.)
EURYPTERA, E., Mik. 1353p. 39; Det. Syll. p. 305;
EXIGUA, Bosc.-Rab. E. C. p. 70; Solm. 1. 1. p. 41, 32; S. 9. p. 3. 355; V. 4. S. p. 1.
142-34f11; T. No. 270; Cl. 1391p. 56; Det. Syll. p. 792; Pant. 3p. -4f53;
(*E. minuta*; -*Himantidium*.)
* var., V. 4. S. p. 1. 34f12:
* *v. Nymmanniana*, Cl. 1331p. 3: (E. Nymman.)
* *v. pilosa*; Cl. 1331p. 3: *4/48. 6. 47*: (E. ...) ---
* *v. perpisilla*, Grun.-V. 4. Type No. 39 sub;
FABA, E., Inf. p. 191-21f21; Amer. pl. 1-1f25; Mg. pls. 3-4f16; 5-3f23; 6-
2f26; 12f29; 13-1f26a, b; 13-2f14; 13-3f7; 17-1f24; 17-2f25a, b; V. 4.
S. p. 143-34f34; Winnard; Cl. 1391p. 56; Herib. p. 133: (Cystopleria; -
> *Achnanthes inaequalis*; -*Epithemia*; -*Himantid Solierolii*; -*Syneura arcus*)
FALX, Greg.-M. J. 1355p. 37-4f1; S. B. D. 2p. 101; T. M. S. 1354p. 105;
(*E. Ceratoneis* & *Pseudo-Eunotia hemicyclast*.)
FLEXUOSA, K. S. A. p. 6; R. S. D. p. 16; Mathien; Petit, 1333: V. 4. S. p. 144-35f
9, 10; Herib. p. 133; -- (Ceratoneis -E. brevitata -*Syneura brevis* & ...)
* *v. bicapitata*, Grun., V. 4. S. p. 136: (E. & *Syneura b.*) ---
* *v. eurycephala*, Grun., V. 4. S. pl. 35f3.
* *v. pachycephala*, Grun.-V. 4. S. pl. 35f7: (E. pach.)
* *v. trachytica*, Pant. 3p. -5f30:
FORMICA, E., Amer. p. 123; Mg. pls. 3-4f16; 4-1f13; 35A-3f5; K. B. p. 37; K.
S. A. p. 3; Abh. B. 1339pls. 1a, f3; 2-1f12; R. S. D. p. 16; Prit. p. 762; Grun.
1335p. 2-1 M. T. P. I-1-22; Winnard; Amazon; V. H. S. pl. 34f1; Brun &
T. p. 71; Wille pl. 33120, 21; Lake Michigan; Cl. 1391p. 56; Det. S. p. 795;
* var. "a" *elongata*, Grun. 1335p. 3-2f2a, b; Det. S. p. 795:
* var. "b" *perisura*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;
* var. "c" *intermedia*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;
* var. "d" *bigibba*, Grun. 1335p. 3-1f2a, b; Det. S. p. 795;

+ *major*, A. Cl. 1895 p. 27: Petit Cap Horn.

" *var. Semel constricta*, Rattr. - Tolsta p. 436-2958:

" *v. ventricosa*, A. Cl. 1895 p. 27-1 f 37:

+ *media*, A. Cl. 1895 p. 32-1 f 38:

- pl. 33f24; Cl. 139f1.53; Herib. p. 133; (E. v. ...)---
 " var. "b" Griseb.-M.O. 1354p. 95-4f4b; Carr. p. 73; Lewis, W.M.O. 1.
 13-2f12a; *a. cl. 1895p. 30*
 " v. obtusiuscula, Griseb.-V.H.S. pl. 34f35b;
 INDICA, Griseb. 135f1.5-1f7a,b; M.T.P. 1-1-5; Del. Syll. p. 797;
 " var. "b" ventralis, Griseb. 1365p. 5-1f7c; Del. S. p. 797;
 INTERMEDIA, Griseb.-Cl. & M. 109 sub; (E. lobata, v.)-
 JANUARIA, E.-Mik. p. 311; A.J.S. 135p. 1.1-3f3; Prit. p. 734; Del. S. p. 797;
 JAPONICA, Pant. 3p. 7. -2f25;
 JASTRABENSIS, E.-Mik. pl. 3-1f3a,b; Italy: (Epithemia argilata.)
 JOTCANI, E.-Abh. Ber. 134p. 191; 137p. 54; M.T.P. 1.47; Del. S. p. 797;
 KENTUCCENSIS, E.-Mik. 135p. 69; Del. Syll. p. 305;
 KURZEANA, Griseb.-M.T.P. 1-1-26; Cl. & M. No. 129;
 KURZII, Sm. Sp. 1. 657; (E. Kurziana.)---
 LAEVIS, E.-Mik. pl. 39-3f41; A.J.S. 135p. 139;-(E. & Minantidium venens.)-
 LAPPONICA, Cl. & M. No. 129; *a. cl. 1895p. 30*
 LEPTOCAMPA, E.-Abh. B. 137p. 130; Del. S. p. 306;
 LEPTOSTOMA, E.-Mik. p. 201; Prit. p. 734; Del. S. p. 306;
 LEPIDA, E.-Mik. p. 59; Prit. p. 734; Del. Syll. p. 305;
 LIBRILE, E.-Amer. p. 126, pl. 3-1f33; Mg. pls. 5-2f5b; 37-1f6; 39-3f43;
 R.S.D. p. 13-1f31; (Epithemia.)
 LONGICORNIS, E.-Abh. Ber. 1345p. 139; 137p. 1.2-1f59; 137p. 1b, f22; Mg.
 pls. 3-1f4; 3-2f9; 12f22; 39-1f19; 39-2f10a; 39-3f34, 35; 33A-2a, f6;
 A.J.S. 135p. 19, f22, 24; (Epithemia.)---
 LUNA, E.-Abh. B. 1345p. 77; Mg. pls. 15A, f53a,b; 33-12f15; V.S.A. p. 5; Del.
 S. p. 797; Prit. p. 732;
 (Cystopleura & Epithemia Hymannii: Pseudo-Einotia.)-
 LUNARIS, Brev.-Rab. E.O. p. 69; Cl. & M. 233; 133p. 3; 139p. 53; V.H.S. p.
 144-35f4, 3, 3a; T. 272; Kinnora; Perag. p. 71; Malaisia; Lake Michigan;
 Beller, Lichon: Wollé pl. 33f15, 13, 19; Herib. p. 133; *a. cl. 1895p. 30*-(Synedra.)-
 " v. alpina, Naeg.-Griseb., V.H.S. pl. 35f5; (E. alp.)
 " v. bilunaris, Griseb.-V.H.S. p. 144-35f3b; Herib. p. 133;
 " v. excisa, Griseb.-V.H.S. pl. 35f6; Beller, Lichon; *a. cl. 1895p. 30*;
 Wollé pl. 33f17; *a. cl. 1895p. 30*
 " v. subarcuata, Naeg.-Griseb., V.H.S. p. 144-35f2; Herib. p. 133;
 (E. subarcuata.)--- *a. cl. 1895p. 30*
 LUNULA, E., Mik. pls. 33-7f9a; 33-14f3; Del. Syll. p. 305; (Epith.)-
 MAJOR, Griseb. 1365p. 5-1f3; R.E.O. p. 72; Italy; Lake Michigan; V.H.S. p.
 142-34f14; T. No. 271; Wollé pl. 33f1-4; Kinnora; Cl. 139p. 53; Herib.
 p. 131; Del. S. p. 791; *Tolsta p. 435*; (E. biceps & monodon; -Minantidium.)-
 " v. biuens, W.S.-Rab. E.O. p. 72; V.H.S. p. 142-34f15; Herib. p. 113;
 Wollé pl. 33f14; (Minantidium.)---
 " var. sex-undulata, Griseb. 1365p. 5;
 " v. octundulata, Griseb. 1365p. 5;
 MARGARITACEA, E.-Mik. pl. 34-12b, f6;
 MESOGONGYLA, E.-Mik. pl. 9-1f27; (Cystopleura turgida, v.)
 MESOLEPTA, E.-Mik. pl. 9-1f26; (Cystopleura turgida, v.)
 MIBIMA, Gutwinski G. 116p. 1-131. 132p. 35-1f3; Notat. 139p. 139;
 Del. Syll. p. 798;

monodon,

" v. diodon, Gmn. ? - V.N.S. - (E. diodon.)

- MINOR, K.-V.H.S.pl.33f20,21; Herib.p.132:
(E.pectinalis, var., & biceps; -Himantidium.)---
- MINUTA, Hilse 1360p.79; Rab.Alg.No.1137; R.E.D.p.73; Grun.1363p.94;
(E.exigua, var.)----
- MINUTULA, Grun.1362p.336-6f12; R.E.D.p.70; Del.S.p.799:
- MIRIFICA, E.-Abh.Ber.1370p.130: (Amphicam, a.)---
- MONODON, E.-Amer.pls.2-5f7; 3-3f3; Mg.pls.2-2f26; 3-1f13; 4-3f17;
15A, f64; 16-2f16; 16-3f9; 13f70; 33-3f4; 33-10f4; 35B-22, 16; 36-16,
f4; 33A-17f15; 33A-20f12; 39-31f15, 17; Amer.1370p.12-1151, 17; 1371,
pl.1; 1372; A.J.S.1342p.100, f32; 1373, f27; A.H.S.1341p.100-1151; 1374
p.173-19f1; Mall; S.B.D.13-2f16; Braemar; Amazon; R.E.D.p.73;
Schum.H.T.p.51; Kinnora; Amazon; Deby D.T.: V.H.S.pl.33f3, 4; Brun &
T.p.71; Atlantic City; Wollé pl.33f4, 12; Cl.1391p.55; 1392p.100;
(E.alpina, major, & didon, v.: -Himantidium arcis & m.)---A.C.137
v.didon, Herib.p.133; Grun.?-V.H.S.-(E.didon)
v.hendecadon, Herib.p.133;
v.aidema, Grunow 1363p.1;
v.minuta, R.E.D.p.73; Wollé pl.37f3: (E.minuta.)--
- MOSIS, E.-Mik.p.36; Abh.B.1370p.31, pl.2-1153; 3-3f17-16; 1271p.1-16,
f13; Prit.p.764; Wollé pl.33f30-32; Del.S.p.304;
- MUSCA, E.-Abh.B.1340p.15; 1370p.33, pl.2-1153-33; Mg.pl.1-2f12;
1-3f3a, b; 15B, f25; 13f74a, b; Amer.pl.3-3f4; K.B.p.37-29f43; K.S.A.p.
5; Prit.p.762; Calif.p.73; Grun.1363p.1; Amazon; R.E.D.p.33; Kinnora;
Del.S.p.796: (E.ventralis; -Navic. gibba; -Himantidium arcis.)
- MONARIA, E.-Abh.Ber.1345p.47; Prit.p.764; R.E.D.p.71:-(E.Ehrenbergii.)
- NYMMANNIANA, Grun.-V.H.S. Del.S.p.307: (E.exigua, v.)C2---
- OCELLATA, E., Abh.B.1340p.15: ~~15: 1370p.33~~ Amer.pl.1-3f5a, b;
Mg.pl.6-2f17c, d: (Epithemia.)----
- OCTODON, E.-Abh.B.1340p.15; Mg.pls.2-2f13; 4-1f13; 7-3f12; 16-11f;
17-1f13; K.B.p.33; K.S.A.p.3; Prit.p.764; R.E.D.p.73;
(E.polydon & robusta.)---
- OCTONARIA, E.-Mik.pl.33-10f5; Prit.p.764; R.E.D.p.71:-(E.Ehrenbergii.)
- PACHYCEPHALA, K.S.A.p.6; R.S.D.p.13:
(Ceratonis; -E. & Synedra flexuosa, v.: -Syn.p.)----
- PALUDOSA, Grun.1362p.336-6f10; Schum.H.T.p.41, 53-1f7; R.E.D.p.69;
Cl. & M.No.131; Ebert, Cassel; Malaisie; Del.Syll.p.
793; Herib.p.135: (E.exigua, var., -robusta, var., & gracilis.)----
- PAPILIO, Grun.1363p.94; Cl.1391p.57: (E.robusta, v.: -Himantidium.)--
- PARADOXA, E.-Mik.p.12; Prit.p.764; Del.S.p.305;
- PARALLELA, E., Abh.B.1340p.15; Mg.pls.2-2f13; 3-1f13; 4-3f17, 10; 4-3f17;
14f53a, b; A.J.S.1342p.100, f32; K.B.p.36; K.S.A.p.5; R.S.D.p.16; R.E.
D.p.72; Grun.1362p.332; 1363p.2-1153, 17; 1364p.43-1151; 1365p.1;
S.pl.34f13; Cl.1331p.3; 1391p.56; Wollé pl.33f15; Del.S.p.796; Herib.
p.133: A.C.1345p.100: Prit, Cap. H. (Himantidium p. & arcis.)-
var. "b" ventralis, Grun.1365p.3-1f36; Del.S.p.796: (E.ventr.)---
- PECTINALIS, 1366p.73; Cl. & M.No.132; Schum.H.T.p.41, 53-1f7; Prit, 1341p.5;
H.S.p.142-33f15, 16; T.266; Kinnora; Wollé pl.33f12, 13; Lake Michigan;
Cl.1391p.55; Del.S.p.796; Schum.H.T.p.41, 53-1f7; Prit, 1341p.5;
(E.depressa & tenuis; -Flag.p., granula & depressa; -Himantidium.)--

+ pectinalis,

> " v. compacta, a. cl. 1895 p. 30:

+ " var. undulata, Tolsta p. 436:

Antodon, var. β , Demerarae; - E. Mik. p. 326:

+ Pracnpha, a. cl. 1895 p. 33:
" videns, forma minor, a. cl. 1895 p. 34 f. 22:
" v. bigibba, Rz. - a. cl. 1895 p. 34:

" f. elongata, a. cl. 1895 p. 34:

- var., V.H. Type No. 264;
v. bicostriata, Grun.-Cl. & p. 252, 253; V.H.S. pl. 34f16a;
v. borealis, Grun. I334p. 43-2f10; Det. Syll. p. 793;
v. curta, V.H.S. p. I43-33f15; Woll. pl. 33f15, 16;
v. elongata, V.H.S. p. I43-33f16; Woll. pl. 36f19, 20; A.M.M.S. I391p. 1.
 If16; Herib. p. I32; *a.cl. 1895 p. 31*;
v. minor, Rabh. E.D. p. 74; Italy; *a.cl. 1895 p. 31*; — (E. minor; -himantidinae.)
v. Solierolii, V.H.S. p. I43; (E. 3 himant. 33f. 1) ---
v. stricta, Rabh. E.D. p. 74; V.H.S. pl. 33f18; Woll. pl. 33f17, 18;
 Herib. p. I32; *a.cl. 1895 p. 31*; (E. depressa; -himantid.) --
v. trachyta, Pant. 3p. -I2f197;
v. undulata, Ralfe.-Grun. I365p. 4-If5; R.E.D. p. 74; V.H.S. p. I43-33f
 17; Petit, I333: T.No. 255; Malaisie; I310p. 102; (himantid.)
v. ventricosa, Grun.-V.H.S. p. I43-33f19b; Italy; Herib. p. I32-5f5;
 PENTAGLYPHIS, E.-Mik. pl. 13-2f11; I7-If12; Prit. p. 764-1f6; P. laticornis, W.
 Lewis W.M.D. p. I3-2f4; Woll. pl. 33f29; Grun. I362p. 333; Cl. I391p. 37;
 Det. S. p. 793; (E. laticornis, 11, p. 1: -himantid.) --
 PENTODON, E., Inf. p. I92-2If26; Mg. pls. I3-2f23; I7-If31; W.B. p. 33-5f
 2(27); K.S.A. p. 7; Cole, Essex; A.J.S. I342p. 100-2f32; Prit. p. 763;
 R.E.D. p. 70; (E. robusta.) ---
 PERPUSILLA, Grun.-V.H.S. p. 34f31; — (E. hidenziana, var.) (E. 100p. 11.) ---
 PHRYGIA, E.-Mik. p. 35; Prit. p. 764; Det. Syll. p. 305;
 PILEUS, E.-Amer. pl. 2-If5; Mg. pl. 39-3f44; Prit. p. 764;
 (E. diodon & formica, var.) ---
 PLECTRUM, E.-Mik. pl. I3-2f15; Prit. p. 765; Grun. I362p. 333;
 Det. Syll. p. 793; (E. 33f15p. 11.)
 POLYDENTULA, Bran.-Petit I333p. -4f19;
 (Himantidinae; -E. 3-, 4-, 5-, 6-, 7-, 8-2f12.) -
 POLYDONT, E.-Mik. p. 31; Prit. p. 764; Det. S. p. 793;
 POLYDON, E., Abh. 1361. I315p. 77; Mg. pl. I7-If45; W.B. p. 33-5f
 R.E.D. p. 70; Woll. pl. 33f11; (E. 33f11p. 11.) ---
 POLYGLYPHIS, Grun.-V.H.S. -Det. S. p. 797; I310p. 102; I311p. 103;
v. hexa, I311p. 102; Grun.-V.H.S. pl. 34f32; Woll. pl. 33f11;
 PRAPURUS, E.-Amer. p. I16; Mg. pls. 8-2f27; 2-2f28; 2-2f29; 1-2f30; 4-2f
 I32, 13; 5-2f35; I3-If17; Mg. pl. -2f7, 8; W.B. p. 33-5f
 I. I3; A.J.S. p. 1-1-24; Grun. I362p. 100; I310p. 102; V.H.S. p. I43-33f19a;
 Syll. p. 795; Woll. pl. 33f17, 18; I310p. 102; (E. 33f17p. 11.) ---
v. robusta, Grun.-V.H.S. p. I43-33f19a; Cl. I391p. 100; Det. Syll. p. 795;
 Grun. I334p. 13-2f11; Det. S. p. 793; *a.cl. 1895 p. 31*; (E. 33f11p. 11.) ---
v. robusta, Grun.-Cl. I331p. 3; V.H.S. p. I44; Herib. p. I34; — (E. bid.)
v. curta, Grun.-Cl. I331p. 3; V.H.S. pl. 34f24; *a.cl. 1895 p. 34*;
QESTrip 1897 p. 336;
v. inflata, V.H.S. p. I43-34f17, 18, 23; Herib. p. I34;
v. laticornis, Grun.-Cl. I330p. 109; V.H.S. pl. 34f25; Det. S. p. 793;
 PRIONOTUS, E.-Abh. Ber. I340p. 15; Mg. pl. I7-If41; W.B. p. 30; K.S.A. p. 3;
 Prit. p. 764; R.E.D. p. 70; (E. 33f11p. 11.) ---

+ Robusta, Petit, Cap Horn:

" v. papilio, Oestrup 1897 p. 336: ~~Petit~~ Cap Horn

- QUATERNARIA, E.-Amer.p.126, pl.2-1113; Mg.pls.35A-2f10; 39-3f43; V.B.
p.33-29f59; K.S.A.p.7; R.S.D.p.17-1117; A.M.M.1.133p.47-416; S.G.1.
2p.34; Prit.p.764; Amazon; Schum.4.1.1.52-113; Grn.1332p.334; Del.
Syll.1.301; R.E.D.1.71; (E.Ehrenbergii.)---
- QUATUORDENARIA, E.-Mik.pl.33-10f3; Prit.p.764; R.E.D.1.71; -(E.Ehrenbergii.)---
- QUINARIA, E.-Amer.p.126, pls.2-1113; 4-1113; Mg.pl.39-3f49; V.B.p.33-
5f27(1); 29f53; K.S.A.p.7; R.S.D.p.17-1115; Prit.1.764-12f39; Grn.
1332p.337-3f14; Amazon; R.E.D.1.71; -(E.pentaglyphia & Ehrenbergii.)--
- QUINDENARIA, E.-Mik.pls.13-1137; 17-1142; Prit.1.764; R.E.D.1.71;
(E.Ehrenbergii.)---
- RABENHORSTII, Cl.& Grn.-V.H.S.pl.35f12;
" v.monodon, Cl.& Grn.-V.H.S.pl.35f12b; Herib.p.135;
" v.triodon, Cl.& Grn.-V.H.S.pl.35f12a;
- REGIOMONTANA, Schum.-DeToni, Syll.p.792; (Himantidinae.)--
- ROBUSTA, Ralfs, Prit.p.763; Carr.p.77; Grn.1332p.334; Sm.Sp.1.150;
M.1.P.1-2-8,9; Atlantic City; Cl.1331p.3; 1391p.57; V.H.S.p.144;
Del.S.p.302; *Cl.1895p.28*; (Eunotiae, species multae; -himantidinae.)-
" v.diadema, Ralfs, Carr.p.77; Petit 1333p. -4f20; V.H.S.pl.35f12;
Wolle pl.36f11; A.M.M.1.1391p.11f15; *A.Cl.1895p.28*; (Eunot.)--
" v.henaeodon, Ralfs.-Petit, 1333p. : V.H.S.pl.33f13; Wolle
pl.36f13; *A.Cl.1895p.28*; (Eunot.)--
" v.intermedia, Grn.-DeToni, S.p.302; (Eunot.)--
" v.papilio, Grn.-V.H.S.pl.33f8; Wolle, 36f10; -(Eunot. & Himant.)--
" v.tetradon, Ralfs, Carr.p.77; V.H.S.p.143-33f11; Petit, 1333p. ;
Wolle pl.36f9; Herib.p.133; *A.Cl.1895p.28*; (Eunot.)--
" v.triodon, Carruthers p.77;
- ROSTRATA, E.-Mik.p.59; Del.Syll.p.306;
- SANCTI-ANTONI, E.-Abh.Ber.1354p.223; Mg.pls.33-13f9, 10; 34-5b, f7a, b;
38A-15f5, 6; Denticula laeta; -Epith.& E.beatorum.)---
- SAVANNAE, E.-Mik.p.332; Prit.p.764; Del.S.p.306;
- SCALARIS, E.-Mik.pl.17-1144; Prit.p.764; (E.lobata.)-
- SELLA, E.-Amer.p.126, pl.2-1117; Mg.pl.33-12f17; K.B.p.37-29f50; K.S.A.
p.7; R.S.D.p.17-1123; Prit.p.763; Amazon; Wolle pl.23f29;
- SENAIA, E.-Abh.Ber.1345p.3; Prit.1.764; R.E.D.1.71;
(E.Ehrenbergii & hexaglyphis.)---
- SEPTENA, E.-Amer.1.126, pl.4-2f13; K.B.1.33-29f52; K.S.A.p.3; R.S.D.
p.17; Prit.p.764; Amazon; S.G.1337p.157, f151; R.E.D.1.71;
(E.Ehrenb., & septenaria.)---
- SEPTENARIA, E.-Mik.pl.33-10f7; -(E.Ehrenbergii, hexaglyphis, septena.)--
- SERPENTINA, E.-Mik.p.5; Prit.p.764; Del.S.p.306; (Ophiocarpa.)---
- SERRA, E.-Inf.p.193-2f23; Mg.pls.13-1135a, b; 13-2f31; 17-1139, 40;
33-10f3; A.S.S.1342p.199-2166; K.S.A.p.3; 33f11, 12, 13;
R.E.D.1.70; Nylander, w.; (E.Ehrenbergii & robusta.)-
- SERRULATA, E.-Mik.pls.4-1121; 13-1133; 13-2f32; 17-1140; Prit.p.764;
Wolle pl.36f33, 34; (E.lobata.)---
- SIBIRICA, E.-Mik.p.81; Prit.p.764; Cl.1330p.15-7f122; -(E.serica, v.)---
- SIMA, E.-Abh.B.1345p.77; Mg.pl.33-12f13; K.S.A.p.5; Prit.p.763;
Grn.1332p.333; Del.Syll.p.797;

✓ Guerra, a. el. 1897-29-1 f 31, 32.

1898-1899-1900

SOLIEROLI, Rabh.E.D.p.74; M.T.P.I-1-27; Virch.Alg.Schl.p.214; Del.
Syll.p.793:-(E.pectoralis,v.: -E.pectoralis;-Hemalia.fab.&c.)
SPHAERULA, E.-Mik.pls.6-If29; 8-If3a,b; Abh.B.I37Op.55; weisse Cl.1.
303-2f23; Del.S.p.301:-(E.10.fissilis;-E.cistula;-Coccinella;-Hemalia.fab.&c.)
STRIATA, Rabh.E.D.p.72; Del.Syll.p.794; (Hemalia.fab.&c.)
SUBTILIS, E.-Mik.p.II;
SUBULATA, E.-Abh.B.I349p.33; I37Op.55, p.13-14; Del.Syll.p.301;
SUBULIS, E.- : Prit.p.764;
SYNEDRA, E.-Mik.p.332; Prit.p.764; Del.Syll.p.305;
TAPACUMAE, E.-Mik.pl.34-3a,16; Prit.p.764; Grun.I362p.331; Del.S.p.
300: (Ophiocampa)---
TENELLA, Grun.-Cl.I39Ip.56: *a. ee. 189*
TEMUIS, Grun.-Cl.& M.No.I41: (E.pectoralis,v.)---
TERRA, E.-R.E.D.p.71: (E.I2-dentata.)
TETRAGLYPHIS, E.-Mik.l.I72; Prit.p.764; Del.S.p.305;
TETRAODON, E.-Inf.p.I92-2If25; Mg.pls.2-2f32; 2-3f12; 3-4f12; 4-5f12;
4-2f23; 5-3f40; 15-3f15; 17-1f30; 17-2f29; 19-1f22; 39-3f5; A.M.N.H.
I344p.461-I414; I345p.174-I914; Mass.Alg.p.417-97f7; V.O.J.33-3f23;
Brauer; S.C.D.Ip.15-2f19; R.Alg.B.V.I4020; Prit.p.764; M.O.H.I362;
Grun.I362p.337; Amazon; Arenig Bach; R.E.D.p.70; Macdonald pl.Iof2;
Kinnora; Del.S.p.301: A.O.S.I342p.100-2f31; Cole, Essex; Tolstap.
(E.diadema, didon, robusta,v., & triodon; Himant.robustum &t.)-
TEXTRICOLA, E.-Amer.p.I23,pl.3-If40; Mg.pls.5-If3; 6-If23a-c; 9-If29;
10-2fI3a-c; 12f24; 14f32a,b; 15A,f59; 39-3f45; weisse I35Ip.273-
If4a: (Epithemia ocellata &t.: -E.aigus &granulata.)---
TRANSYLVANICA, Part.3pZ. -3f36;
TRIDENARIA, E.-Mik.pl.33-10f9; Prit.p.764: R.E.D.p.71:
wolle pl.23f30: (E.Ehrenbergii.)
TRIDENTATA, E.-Mik.pl.35A-5f2;
TRIDENTULA, E.-Amer.p.I23,pl.2-IfI4; Mg.pls.I5B,f29a,b; 35A-5f2; 39-
3f5I; K.B.p.33-29f60; K.S.A.p.7; R.S.D.p.I7-IfIo; R.Alg.L.Nos.3I,50,
1022a; R.Bac.Fxs.5F; A.O.S.I351,f13; A.M.N.H.I355p.17-112; V.O.H.
pl.9f2; S.C.D.2p.55; M.O.I350p.1.III; Prit.p.764; Grun.I362p.335-3f12;
Schum.H.T.pp.4I,52-If3; Hoffmann,Margburg; R.E.D.p.70; Petit liste p.
25; Belloc,Luchon; Perag.p.7I; Spamer,Daren; wolle pl.33f25,26; Cl.
I39Ip.57; Del.Syll.pp.30I,305; Herib.p.I34;
(E.crenulata, Ehrenbergii &perpusilla.)----
" v.bidentula, Heribaud p.I34;
" v.perminuta, Grun.-V.H.S.I.I43-34f29,50; *a. ee. 189*
TRIGLYPHIS, E.-Prit.p.764; (E.triodon,Ralfs.)
TRIANGULATA, Schum.H.T.p.52-If5;
TRIODON, E.-Abh.Ber.I337p.45: Inf.p.I92-2If24; Mg.pls.I6-If3I; I6-2f
20; I7-2f23,29; 33-10fIO,II; 39-If23; 39-3f50; Mass.Alg.p.417-97f7;
A.M.N.H.I344p.461-I415; I345p.174-I913; V.O.J.27-3f12; K.S.A.p.7; S.
B.D.Ip.15-2f15; Prit.I352p.1.3f154; Brauer; Mill: Prit.p.764-1f4;
9fI64; S.C.I337p.134,1145; Nylandt,w.: Amazon B.E.D.p.70,71; S.
Sp.T.658; Bail.Stinet.p.310-I36II; Moore; M.T.P.I-2-4; Cl.10.17;
V.H.S.p.I44-339,10; T.253; Cl.I33Ip.6; I39Ip.77; Kinnora; wolle pl.

- 36f7,8; Del.S.p.301: *A. 1897. 30: Oestrup 1897p.336:*
 (E.robusta,v., & tetradon,v.: -E.dizyga & triodon.)----
 " forma robustior, Perty, Kl.Lebens.p. -I7f5: (E.triodon.)
 TRIODON, Rafs, -A.M.N.H.Vol.13,p. -I4f3; (E.tinglyphus.)--
 TSCHIRSCHIANA, O.Muller. #890p.328-19f14-17; *Det.S. p.794.* (Himantidium.)-
 TURGIDA, E.-Abh.Ber.1837p.45; Inf.p.190-I4f5; 2If20a; Amer.pl.3-4f3;
 Mg.pls.2-If3; 9-If23; Quakett H.C.pl.12f5; Prit.1852pl.14f1-3;
 (E.gibba; -Frust.jurgensii & picta; -Navicula *A. & silicula*).--
 UMBILICATA, E. - ; Prit.p.764;
 UNCINATA, E.-Amer.p.126; Mg.pls.2-3f20; 15B,f23; 16-3f19; K.B.p.
 37; K.S.A.p.6; R.S.D.p.16; Kinnora; Cl.1891p.6:
 (E. (& Himantidium) *arcus*, var., & *gracilis*.)--
 UNDENARIA, E.-Mik.pl.33-10f12; Prit.1.764; R.E.D.p.71; Wolln 33f35;
 UNDOSA, E.-Abh.Ber.1870p.55; Del.Syll.p.304;
 " v. *granulata*, E.-Abh.B.1870p.55, pl.2-1f31;
 " v. *monodon*, E.-Abh.B.1870p.55, pl.2-1f62;
 " v. *zebra*, E.-Abh.B.1870p.55, pl.2-1f63;
 " v. *zebrina*, E.-Abh.Ber.1870p.55, pl.2-1f60;
 UNULATA, Rafs.-Eul.Sp.1.4I; M.T.P.1-2-1,2,3; Kinnora;
 URALENSIS, E.-Mik.p.70; Prit.p.764; Del.S.p.303:
 VENERIS, K.-DeLoni, Syll.p.794: (Himantidium.)
 VENTRICUS, E.-Amer.p.126; Mg.pls.1-3f20; 2-3f19; 2-2f2; 1-1f11; 3-
 3f39; 15B,f25; 16-2f17; 16-3f13; 17-1f23; 17-2f20; 33-3f6; 33A-20f
 30; K.B.p.37; K.S.A.p.7; R.S.D.p.16; Prit.p.762; Weisse 1854p.107-
 1f2; *Em.p. 1-2f "A"*; - (E.undosa, p.p.: -E.parallela,v., & *pectinalis*, v.)--
 VENTRICOSA, Grun.1855p.4-1f4; Nylander, w.: Del.Syll.p.793;
 Kinnora; (E.pectinalis, v.)
 " v. *elongata*, Grun.1855p.4; Del.Syll.p.793;
 VENTRICULUS, Schum.1862p.134-3f7; Del.S.p.797:
 WESTERMANNI, E.-Inf.p.190-I4f6; Mg.pls.6-1f16a-d: 8-1f1; 9-1f23;
 15A,f60,62; 13-1f13a,b; 13-2f15; 13-3f11: 37-2f4: *Abh.1836p.130:*
 (Cystopleura; -Epithemia; -Eu.plectrum; -Frust.picta.)---
 ZEBRA, E.-Inf.p.191-I4f7; 2If19; Mg.pls.6-1f24; 9-1f24,25; 13-1f12a:
 14f60; 15A,f33; 17-2f31; 33A-17f14; 39-1f24; Abh.Ber.1836p.130.
 1869pl.1a,f17; 1c,f11,17,18; 1" f3; 1g,f6,9: (Epithemia.)
 ZEBRINA, E.-Amer.p.126; Mg.pls.1-1f6; 2-2f29; 4-2f23; 5-1f4; 6-1f27; 12-
 8-1f2a,b; 13-1f12b,c,16a,b; 13-2f20; 14f72,61; 15A,f37,63a; 15B,f
 22a,b,26; 16-3f12; 33-1f6,6x; 33-6f4; 33-7f10; 33-14f7; 35A-7f5; 39-
 1f26; 39-3f52; Abh.Ber.1869pls.1g,f23; 1of10; 6: 1i,f4; 1870pl.2-1f56;
 1871pl.1c,f5: (Epithemia.)
 ZYGODON, E., Amer.p.127, pl.2-1f6; 17-1f18,150,123; 13-1f13a,b; 17-1f11,16-3f15;
 27,28a,b; K.B.p.37-29f49; K.S.A.p.7; R.S.D.p.17-1f12; Prit.p.763;
 Amazon; Nylander, w.: Wolln pl.33f27,28; Del.S.p.303:

EUNOTIOPSIS.---(*Greenow, 1877.*)--

JANISCHII, Grun.-Cl. & M. Nos. 64, 257:

(Eudora J.)

7 *livittatum*, v. *elongata*, Brum; — ???

- AMPHIOXYS, E.-Abh.Ber.I355p.302; Del.Syll.p.392:-(Biddulph.linnata.)---
 BIVITTATUM, Pant.Ip.43-26f247; J.Q.C.I337p.77-3f24; Notar.I333p.533;
 Del.Syll.p.393: (E.densis.)
 DEBILE, Grun.-V.H.S.pl.I26f17-19; Wollp.pl.35f16; Del.S.p.393;
 (Anaulus.)
 ELONGATUM, E.-Abh.Ber.I355p.302; Del.Syll.p.393;
 FRAUENFELDII, Grun.-V.H.S.pl.I26f14; Del.S.p.392: (Eudora.)
 LAEVE, Grun.-Cl.&M.No.257; Fortm.Cey.pl.9f93-95; V.H.S.pl.I26f15, 17,
 19, 15; Cl.Verg.I.500; Wollp.pl.35f17-19; Del.S.p.392:-(Biddulph.linnata.)---
 NOVENLOCULATUM, Weisse I354p. -2f37a,h; Prit.p.360:-(E.variab., var.)
 PRODUCTUM, Grun.-V.H.S.pl.I26f5; Atlas I44f12-14;
 QUINQUELOCULATUM, Weisse I354p. -2f37b,1,1,k; Prit.p.360-
 3f30: (E.variab., var.)---
 SEPTEMLOCULATUM, Weisse I354p. -2f37e,g; Prit.p.360:-(E.variab., v.)--
 TENUIS, Gro.&St.-Deloni,Syll.p.392: (E.bivittatum.)--
 TRILOCULATUM, Weisse I354p. -2f37a,c; Prit.p.730:-(E.variab., var.)
 VARIABILE, Grun.-Witt I335p.24-3f2,4; Atlas I44f17-19, 17-19, 22-23;
 Pant.2p.32; Del.S.p.391: (E.3 to 9-loc.)
 * v.quinqueocularis, Grun.-V.H.S.pl.I26f11,12:-(E.7-10-loc.)
 * v.septemlocularis, Grun.-V.H.S.pl.I26f10:-(E.septemloc.)---
 WEISSEI, E.-Abh.Ber.I355p.302; Grun.I334p.7-2f21,22; Witt I335p.24-
 10f7; Atlas I44f33,42,43; Pant.2p.32; 3p. -22f323; Del.S.p.391:
 (Biddulph.tridentata.)-
 * v.producta, Gro.&St.-J.Q.C.I337p.3-2f6,7; Pant.2p.32; 3p. -22f
 332; Atlas I44f40,41; Notar.I337p.346; Del.S.p.392:

EUDORA. -----

- ATLANTICA, Perleb.-Villef.p.72-2f17;
 BARBADENSIS, Grev.-L.M.S.I361p.2-3f6,7; R.E.D.p.313; Del.Syll.p.
 I325; W.&C.2p.2-4f14;
 BRITWELLI, Ralfs.-Prit.p.352; V.H.S.pl.I26f20; Del.S.p.I327:
 (E.producta; -Triceratium obtusum & semicirculare.)---
 CAPILLARIS, Brun I391p.26-17f4; Del.S.p.I326: (Hemidiscus.)--
 CEYLANENSIS, Fortm.Cey.p.62-6f65: (E.gibba.)
 CHINMOANA, O'M.-M.J.I369p.201; Del.Syll.p.I327:
 FRAUENFELDII, Grun.I363p.I58-I4f19; I363p.24; M.T.P.4-2-2; Cl.&M.
 61; Sm.Sp.T.359:-(Eunotogramma; -Anaulus campylodiscus & W.)
 GIBBA, Bailey Mss.; Prit.p.352-3f22; R.E.D.p.313; Sm.Sp.T.131; Jan.
 Gaz.pl.1f7; M.T.P.4-2-1; Villef.p.72; Wollp.pl.63f26; Del.Syll.p.
 I325: (Dichomenis subtilis; -Goniothecium
 anaulus; -E.Ceylanensis; -Hemidiscus subtilis & cuneatus.)
 GIGANTEA, Brun & Temp.p.71:
 * v.minor, Brun & T.p.71;
 HARMANNIANA, ; Del.Syll.p.I327:-(Palmeria.)
 HUNGARICA, Pant.3p. -29f429;
 INORNATA, Castr.I337p.I49-I2f1; Brun & T.p.71; Malaisia;
 (Del.Syll.p.I326; (Hemidiscus.)---
 * v.curvirostrata, Brun & T.p.71; Brun I391p.26-17f5; Del.S.p.I326;

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- JANISCHII, Grun.-V.4.S.pl.127f1-4; J.Q.C.1337p.II; Brin & T.p.71;
 Wollé pl.105f19-21; Det.Syll.p.1327; (Euodiosis.)---
 MARGARITACEA, Brin & T.p.p.37-4f3; Det.S.p.1326; (Meridiosis.)---
 MARYLANDICA, ; Det.S.p.1327:-(Tricratium M., ...)
 ORBICULARIS, Casti.1337p.149-12f15; Notar.1339p.757; Det.S.p.1325;
 PRODUCTA, Grun.-V.4.S.pl.126f16; Det.S.p.1327; (E.Brightwelli, var.)
 RADIALA, Casti.1337p.150-12f4; Notar.1339p.757; Det.S.p.1325;
 RECTA, Casti.1337p.149-12f3; Jan.Gaz.pl.1f3; Notar.1339p.757;
 Det.Syll.p.1327;
 STRIALA, Gro. & St.-J.Q.C.1337p.II-3f14; Notar.1337p.343;
 Det.S.p.1326;
 VENTRICOSA, Casti.1337p.150-12f5; Brin & T.p.p.71; Notar.1339p.757;
 Det.S.p.1326;
 " var., Casti.1337p.150-12f3;
 WEISSLOGII, Grun.-V.4.S.pl.126f13; Jan.Gaz.pl.1f3; Det.S.p.1327;
 (Genus novum ?)

EUPHYLLODIUM.-- (Shadb., 1856.)--

- SPATHULATUM, Shadb.-M.J.1353p.14-1f3; T.M.S.1353p.II-4f4; Petit Cat.
 p.33; Hortm.Cey.p.54; M.T.P.2-1-9; Cl.Vega p.503; J.Q.C.1337p.42-
 4f3; (Doryphora elegans; -Podocystis Americana.)---
 " var., Grun.1333p.96-1f9; *Grevillea* Vol.1 p.78-1f1

EUPLEURIA.----- (Arnott, 1858.)--

- INCURVATA, Arnott.-M.J.1353p.90;
 (Achnanthes costata; -Entopyla Australis & i.: -Gephyria;)
 MEDIA, Arnott.-M.T.P.3-1-21; (Gephyria.)---
 OCELLATA, Arn.-M.J.1353p.90; Prit.p.309-3f2; Grun.1333p.3;
 R.E.D.p.303; Pet.Cat.p.15; (Entopyla.)---
 PULCHRA, Arn.-M.J.1353p.39; Prit.p.309-3f3; Grun.1333p.3; R.E.D.p.
 303; O.M.Kerg.; Pet.Cat.p.15; Sm.Sp.1.330; M.T.P.2-3-9; (Entopyla.)---
 TELFAIRIA, Arn.-M.T.P.3-1-13; (Gephyriae.)

EUPODISCUS.----- (Ehr., 1844.)--

- , Am.Nat.1373p.571; -, Atlantic City;
 AMERICANUS, E.-Abh.Ber.1344p.73; Det.Syll.p.1336;
 (E. & Aulacodiscus argis.)---
 ARCUS, E.-Breb.D.C.: Sp.R.D.I.10-1f10; M.J.1353p.73; Prit.p.309-3f2;
 1f11, 12; M.J.1353p.73; M.T.P.1.73; Cl.Vega p.503; T.M.S.1353p.73;
 1f19; London Clay; Cat.p.104; Jan.Gaz.1337p.13; Det.Syll.p.1336-1337;
 3; M.T.1.1-1-2; M.M.J.1371p.II, 1367⁴⁸ 1370p.110, 235, 236; Grun.1333p.3;
 1371p.20; Linn.Vol.1.100; Grun.Cey.p.54; Cl.Vega p.503; Prit.p.13;
 Sp.1.132; Atlas 9117-11; Det. Prim.1.13; Jan.1337p.13; M.T.1.1336,
 p.3; A.M.M.J.1333p.31; 1391p.1.2f33; V.4.S.p.209-II7f3-6; T.503; Wollé
 11.73f1, 2, 4; M.T.1.1336; M.J.1353p.73; (Aulacodiscus; -E. ...)
 quaternarius & quinarius; -Triodiscus a. & Germanicus.) QJM.S.1860p.
 BAILEYI, E.-Abh.Ber.1344p.31; W.S.A.p.135; 27 cum iconc;
 (Aulacodiscus, Podiscus & E.Rogersii, v.)

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- BARBADENSIS, Grev.-T.M.S. 1354p.33-12f4; -(Pseud-Auliscus Ralfsianus.)-
 CALIΘORMICUS, Grun.-Atlas 39f20; V.4.S.11.113f3; J.R.M.S. 1333p.911;
 wolle pl.73f7; Del.S.p.1033; (E. trilobatus, n.)
 COMMUTATUS, Grun.-J.R.M.S. 1333p.916; (Coscinoauscus concinnus.)
 CRASSUS, W.S., S.B.D. 1p.24-4f41; Breb.D.C.: Roger, Thames; Coll: Deol
 Poluer p.16; (Actinocyellus albidus, G. & J. 1863, p.140.)--
 CRUCIFER, Shadb.-T.M.S. 1354p.16-1f12;
 (E. Petersii: Aulacodiscus e. erix & Petersii.)
 CRUX, K.S.A.p.135; (Aulacodiscus.)
 DECRESCENS, Rattr.-J.R.M.S. 1333p.911-14f9; Del.S.p.1032;
 DEFORMIS, (Aulacodiscus.)
 DEBYI, Grun.-Bot.Centr.No.15, p.33; (Isodiscus; -Lampriscus.)-
 ECCENTRICUS, O'M.-M.J. 1367p.245-7f2; Deby Poluer p.16; Q.J.M.S. 1866p.140.
 (Cosc. excentricus var. hyalinus.)
 FULVUS, S.B.D. 1p.24-4f10; Breb.D.C.: Roger, Thames; Deby Poluer p.16;
 Coll: Malaisia; J.R.M.S. 1333p.911; (Actinocyellus; -Auliscus.)-
 GERMANICUS, E.-Abh.Ber. 1339p. 3f3; 1344p.81; K.S.A.p.133-1f3; W.S.A.
 p.134; Prit. 1352pl.14f41; Jan.Gl.p. 1b,f3; R.E.D.p.35,f5; Eion, 1371;
 (Aulacodiscus (& Tripodiscus) G. & argus; -E. argus.)
 GREGORIANUS, Breb.-R.D.Ex.No.29; J.Q.C. 1370p.41; -(A'cyclis subtilis.)-
 GREVILLEI, Ralfs.-Prit.p.933; J.R.M.S. 1333p.915; Del.Syll.p.1035;
 (Aulacodiscus.)----
 HARDMANNIANUS, Grev.-T.M.S. 1356p.30-3f14; J.R.M.S. 1333p.913;
 Del.Syll.p.1035;
 INCONSPICUUS, Rattr.-J.R.M.S. 1333p.911; Del.Syll.p.1034;
 INSOTUS, Cassi. 1337p.125-19f3; Notar. 1339p.773; Del.S.p.1032;
 INTERPUNCTATUS, Brightw.-Grun. 1373p.54; A.J.M. 1373p.101;
 (Cyclotella & Aulacodiscus maximus; -Coscinoauscus.)--
 JONESIANUS, Grev.-T.M.S. 1352p.22-2f3; Cl. Java p.5; A.J.M. 1370p.149;
 Sm.Sp.T.No.163; Malaisia; (Coscinoauscus concinnus & tenuis.)--
 ' var., Cl. & M.No.4;
 MINUTUS, Hantzsch, 1363p.21-6f9; Petit Cat.p.33; -(A'cyclis moniliformis)
 MINUTUS, Grev.-T.M.S. 1355p.5-11f3; J.R.M.S. 1333p.911; Del.S.p.1032;
 MONSTRUOSUS, E.-Abh.Ber. 1344p.81; K.S.A.p.134; Prit.p.343; R.E.D.
 p.320; (Aulacodiscus, n., & Tetradiscus cf. 1863)----
 NEBULOSUS, Fortm.-J.R.M.S. 1333p.912; Del.S.p.1033; -(Pseud-auliscus.)--
 OAMARUENSIS, Grun.-Bot.Cblt. 1387p.133; (Debya; -Rattrayella.)----
 OBSCURUS, Grev.-T.M.S. 1352p.90-9f4; (Pseud-auliscus Petiti.)--
 OCULATUS, Grev.-T.M.S. 1352p.90-9f3; Atlas 11/19; wolle pl.73f5;
 J.R.M.S. 1333p.910; Del.Syll.p.1034;
 OVALIS, Norman.-T.M.S. 1351p.3-11f3; K.S. 1373p.30; (Actinocyellus.)-
 PARVULUS, Grev.-J.R.M.S. 1333p.912-14f3; Del.Syll.p.1031;
 ' v. concentrica, Rattr.-J.R.M.S. 1333p.912-14f7; Del.S.p.1031;
 PERUVIANUS, Witton.-Prit.p.933; (Auliscus; -Pseud-auliscus.)-
 PETERSII, K.S.A.p.135; (Aulacodiscus; -E. crucifer.)---
 PUNCTATUS, Bailey Coll.: Del.Syll.p.1037;
 PUNCTULATUS, Grev.-T.M.S. 1353p.73-4f10; R.E.D.p.35; Del.S.p.1032;
 J.R.M.S. 1333p.912;

Eusynedra.

Subgenus: H. V. H., 1885. - 3

Gray. 1862 p. 384

Det. Dr. Sacc. 1890 p. 105. -

- QUATERNARIUS, E.-Abh.Ber.1844p.81; W.S.A.p.134; R.E.D.p.35:
(Aulacodiscus argus; -E. & Tetrapodiscus Germanicus & argus.)
- QUINARIUS, E.-Abh.B.1844p.81; W.S.A.p.135;
(Aulacodiscus, E., & Pentapodiscus argus.)---
- RADIATUS, S.B.D.Ip.24-30f255-Cerataulus Smithii:--Bailey M.O.p.39:
M.J.1860p.95-5f10: Prit.p.843; N. & R.S.p.69; Roper, Thames; Flögel,
Baltic; Grun.1863p.25; Sm.Sp.T.164; A.M.M.J.1873p.32; Cl.1877p.17;
V.H.S.pl.113f1,2; T.No.509; M.T.P.4-4-3; Mobile; T.B.C.Vol.16p.209;
Wolle pl.73f3, II; Det.Syll.p.1034;
(Aulacodiscus; -Biddulphia hemitropa & r.: -Pseud-auliscus.)-
" v. antiqua, W. & S.-T.B.C.Vol.16p.209; Wolle pl.77f3;
" v. humilis, Rattr.-J.R.M.S.1833p.913; Det.S.p.1034;
- RALFSII, Breb.D.C.p.13; S.B.D.2p.33; Hall; N. & R.S.p.65; R.E.D.p.
320; Deby Polder p.16: (Actinocyclus.)
" var. "b", Greg.-M.J.1855p.38-4f11; S.B.D.2p.103;
- ROGERSII, E.-Abh.Ber.1844p.81; W.S.A.p.135; Prit.p.843; Atlas 92f
2-3; Atlantic City; B.S.B.1873p.32; 1879p.6; Wolle pls.73f3;
111f17; (Aulacodiscus; -E. Baileyi; -Podiscus.)
- ROPERI, Breb.-Rabh.D.Ex.No.30; R.Alg.E.No.2005; J.Q.C.1870p.41:
(Actinocyclus r. & ovalis; -Coscino. ovalis.)-
- SCABER, Grev.-T.M.S.1864p.10f1; (Aulacodiscus; -Cerataulus.)---
- " v. heliodiscus, Brun, 1891p.27-17f1:
- SCULPTUS, S.B.D.Ip.25-4f42; M.D.pl.12f3; Hall: Roper, Thames;
N. & R.S.p.70: (Aulacodiscus; -Auliscus.)
- SIMPLEX, Grev.-T.M.S.1863p.73-4f20; R.E.D.p.35; Det.S.p.1033;
J.R.M.S.1833p.910;
- SIMBIRSKIANUS, Grun.-Bot.Cblt.1837p.133:
(Rattrayella; -Debya Oamaruensis.)-
- SPARSUS, Greg.-M.J.1857p.81-1f47; B.S.B.1873p.30; 1879p.6;
(Actinocyclus Ralfsii, var., & sparsus.)-
- SPARSUS, Cronan.-Alg.Gaudoilp.p.9: Det.Syll.p.1426: ?
- SUBTILIS, E.-Abh.Ber.1855p.302; Det.S.p.1036; --Greg.D.C.p.29-3f50;
Breb.D.C.p.13; Rab.Alg.2001: J.Q.C.1870p.41; Malaisia: -(A'cyclus.)---
- TENELLUS, Breb.D.C.p.25-1f9; M.J.1861p.7-1f16; Petit Cat.p.33;
J.R.M.S.1833p.914: (A'cyclus.)----
- TESSELLATUS, Roper.-M.J.1853p.19-3f1; Hall: -(A'cyclus.; -Roperia.)-
- TRIOCLATUS, Grev.-T.M.S.1864p.33-12f3; J.R.M.S.1833p.910:
Det.Syll.p.1032: (E. Californicus.)--
- TRIPES, Johnston.-A.J.S.1852p.33: Det.S.p.1035: -(Cosc. radiatus.)-
- VELATUS, Grun.-M.T.P.4-4-1: (Biddulphia; -E. radiatus, w.S.)
- WEISSLOGGII, Grun.-V.L.T.85.II 216; Det.Syll.p.1037: -(Micropodiscus.)

EXCENTRON.----- (Ralfs, 1866.)-

CANCROIDES, Ralfs in litt.: Prit.p.837:

(Asterolampra, Asteromphalus & Spatangidium arachne.)-

EXILARIA.----- (Grev., 1827.)-

ARCUS, Breb.---?

(Synchaeta arcus, "b.")---

7 *Circularis, Ured. sp. (Merid. circ.)* , 44:

+ *Fasciculata*, : K. Alg. 74. ✓
Ured. S. T. sp. b. 27.

- CAPITATA, Hassall Alg.p.433-97f1: (Synedra.)-
 CRYSTALLINA, K.Syn.p.33,f41; K.Alg.No.45; Breb.Alg.Fal.14.46f3:
 Lagr.1334p.52: (Diatoma; -Synedra biceps & ilna.)--
 CURVATA, K.Alg.No.112; Lagr.1334p.40: (Eunotia; -Syn. lunaris.)---
 FASCICULATA, K.Syn.p.33,f40; K.Alg.No.74; Hass.Alg.p.434-97f10; Lagr.
 1334p.51:-(Diatoma f. & parasiticum: -Syn. affinis, var., Superba & f.)---
 FLABELLATA, Grev.-Scottish Flora Vol.5p7239: K.Syn.p.37:
 (Licmophora flab., Ag.)--
 FLABELLUM, E.-Abh.Ber.1330p.32; 1331p.33: (Meridion circulare.)-
 FLEXA, Breb.-K.S.A.p.3: (Eunotia & Himantidium biceps.)
 FULGENS, Grev.-Scott.Fl.Vol.5,p7291:
 (Diatoma crystallinum; -Licmophora; -Synedra.)
 GLOMERATA, Breb.-K.B.p.69:
 LUNARIS, Grev.-Flora Tind.1831; Hass.Alg.p.434-97f11: (Synedra.)
 LIMOIDEA, Breb.Cons.p.15; K.B.p.69:
 MINUTISSIMA, Berkeley.-Clearing 3101st Al. p.27-711: (Syn. Alg.)
 Palaise p. : (Gomphonema olivacea.)---
 MONATA, ~~Silva~~ in 1831; K.S.A.p.47: (Syn. fasciculata.)
 PANDURIFORMIS, E.-Beitrag 1331p.32: (Meridion.)--
 PULCHELLA, Ralfs.-K.B.p.63: (Synedra.)-
 RUBIGINEA, Breb.Alg.Fal.p.47,f3; (Gomphonema curvatum.)---
 TABULATA, K.Syn.p.35: (Diatoma.)
 TENUISSIMA, Breb. [K.S.A. ~~1831~~ as Syn.] (Synedra.)
 TRUNCATA, K.Syn.p.33,f30; Breb.Alg.Fal.14.46f3; Scott. Fl. 1834:
 (Gomphonema gracile; -Syn. fasciculata & ilna: Diatoma parasiticum)
 ULNA, Hassall Alg.p.433-97f12: (Synedra.)
 VARIIGATA, K.Syn.p.54: (Diatoma.)
 VAUCERIANAE, K.Syn.p.32f33; K.Alg.No.24; Breb.Alg.Fal.14.46f3;
 Lagr.1334p.40,f3: (Synedra fasciculata & V.)
 VIRIDESCENS, Breb.Alg.Fal.14.46f1,2: (Syn. Gomphonema.)-

FALCATELLA.---- [Rabh., 1853.]

- AUERSWALDII, Rabh. Kryptog. Flora p.40; Det. Syll. p.200: Prollis
 p.51: (Navicula incliva.)
 BIASOLETTIANA, Rabh. Krypt. Fl. p.40; Det. S. p.200:-(Achnanthes.)---
 DELICATULA, Rabh. S.D. p.43-714; Det. S. p.200:-(Achnanthes (Achnanthes) p-
 LUNATA, Rabh. S.D. p.43-714; Det. S. p.200: (Synedra falcata.)
 NEAPOLITANA, Rabh. S.D. p.43-714; Det. S. p.200:-(Navicula; -Synedra.)
 ROMANA, Rabh. S.D. p.43-714; Det. S. p.200: (Navicula; -Synedra.)
 ZILLERI, Rabh. Krypt. Fl. p.40; Det. S. p.200:-(Synedra.)

FENESTRELLA.--- [Grev., 1863.]

- , Rabh. E.D. p.35:
 BARBADENSIS, Grev.-T.M.S. 1333p.3-4f3; J.R.M.S. 1333.9f3; Det. S. p.1037:
 CONVEXA, Brun, 1391p.27-19f7; Det. Syll. p.1033:
 GLORIOSA, Brun, 1391p.27-19f3; Det. Syll. p.1033:

FIBULA.----- [W.Sm., 1897.]

- Vide W.Sm., in Brit. Museum Cat. 1359p.33; M.J. 1331.13:-(Peronia.)-----

> --, J. L. S. vol. 2/p. 245.

> bacillus, Cestrup, 1897 p. 338-2 f 7, 20: }

invalidior. Pant. 5 pl. 15 f. 264, 265.

Capricornia, Des. - *Asmon. H.* vol. 12, pl. 2 f. 4. *Hus. alg.* pl. 95 f. 6.

BINALIS, E.-Mik. pl. 1-3f9; 14f52; Italy: Prit. p. 777:

(Navicula; -Tabellaria.)-

BINOUIS, E.-Abh. Ber. 1341 p. 415; Amer. p. 127; Mg. pl. 5-2f25a, b; 3-1f43; 1ff15; 13-2f33; Prit. p. 777; Carr. p. 39; Woll. pl. 47f3; 121b. p. 144;

(Navicula; -B. constricta, constricta & undata; -Odontidium parasiticum & tabellaria.)---

* var. "b", w. Sm. -Prit. p. 777: -(Odont. binouis, " ".)--

* v. obliqua, Her. & Ber. - Herib. p. 144: -

BIPUNCTATA, E., Inf. p. -1311; Carr. p. 1023; Woll. pl. 3-1f4

(Bipuncta; -B. pinnata; -B. capricornis.)

BIROSTRIS, E.-Abh. Ber. 1344 p. 342; Mg. pl. 33A-2a, f3; V.S.A. p. 15;

Det. S. p. 391; (Cimeriogramma.)---

BIPUNCTATA, Part. 2 p. 65; Det. Syll. p. 335:

* v. circata, Part. 2 p. 65-13f225; Det. S. p. 335;

* v. elongata, Part. 2 p. 65-13f231, 233, 235; Det. S. p. 335;

* v. perlonga, Part. 2 p. 65-10f171; Det. S. p. 335:

* v. minor, Part. 2 p. 65-7f129; Det. S. p. 335:

BIVITTATA, Part. 3 p. 4-4f37;

BREVIS, Montagne. -Guyan. p. 375; Sylloge p. 474; Det. S. p. 334:

BREVISTRIATA, Grun. -V. d. S. p. 157; Part. 3 p. -7f157; Det. S. p. 390:

Herib. p. 143; (B. acuta; -Stenoseira.)

* v. emeata, Grun. -Detoni, Syll. p. 390:

* v. fossilis, Part. 2 p. 66-7f127; 13f224; 15f232; Det. S. p. 390:

* v. bayonica, Gr. -1211 p. 145;

* v. Mormonum, Grun. -V. d. S. pl. 45f31; Woll. 47f15; Herib. p. 147;

* v. pinnata, Grun. -V. d. S. pl. 45f32; 1211 p. 145;

* v. subacuta, Grun. -V. d. S. pl. 45f32; Herib. p. 147; -*Favosites* sp.

* v. subcapitata, Grun. -V. d. S. pl. 45f33; 1. 315; Herib. p. 147;

CALIFORNICA, Grun. -V. d. S. pl. 44f13; Cl. & M. No. 273; Woll. pl. 47f22;

Det. S. p. 393; (B. striatula, v.: -Trachysphaera.)-

CAPENSIS, Grun. 1333 p. 143-145; 1333 p. 2: R.E.D. p. 121; Det. S. p. 335;

V. d. S. pl. 44f19;

CAPITATA, E.-Mik. pl. 35A-12f2; Abh. Ber. 1353 p. 527:

(Diatoma anceps; -B. pinnata; -Odontidium & diatomocapsula.)

CAPUCINA, Desmazieres, I, No. 453; Westendorp, C.: Marissal; V. d. S. p. 4-

1310; V. d. S. p. 11; R.E.D. p. 33-111; Det. S. p. 335; R.E.D. 182. 73; S. p. 21. 22-35f296; Mull; Wartmann & Sch. No. 127; Prit. p. 773-9f173-175; 14f

1, 2; Neupauer p. 139-1f4; Grun. 1332 p. 372-7f11; M. D. pl. 12f33; 111; R.

D. ex. No. 31; weisse 1334 p. 360-4f22; New Zealand; Roper, Haras; R.E.D.

p. 116; Schum. H. J. p. 42, 35; Arenig Bach; O.V. Kerl.; I. D. p. 232; Kirch.

Alf. Schlies. p. 203; W. & Z. p. 15-1f15; Prollius p. 75; Macdonald p. 10f

5; Kinnora; Smit. Sp. J. No. 15; Nyland, w.: M. J. P. I-3-20; Blum Alp p.

120-4f1; Italy: Ebert, Cassel; Tararek 1379 p. 53, f35; Malaisia; V. d. S.

p. 156-45f2; Hoffmann, Marburg; Bellon, Lichen: Woll. pl. 47f1-3; Spamer,

Diren; Lake Michigan; Cl. 1391 p. 33; Delogne; Det. Syll. p. 333; Schoss,

Kleiken; Herib. p. 142; A.M.M. 3. 1391 p. 1f21;

(Stauronem -

var. major, W.S. 3- (3-5-10)

Constricta, Ng. pl. 34-35 & 36.

Constr. s. E.

" v. bigibba, a. Ol. 1895 p. 35 + 1 f 28.

- (Bacillaria & *F. multipunctata*; -Conferva, Diatoma & *F. pectinata*; -*F. acuta*,
arguta, bipunctata, diophthalma, fissa, scalaris, setosa, tenuis,
Smithiana, rhabdosoma, ventriculus; -Nematoplata c. & arguta.)--
" var. "*a*" *acuta*, E.-S. S. D. p. 122; R. E. D. p. 113; V. H. S. p. 153-45f3;
Det. S. p. 333; Herib. p. 143; (*F. acuta*.)
" *v. acuminata*, Grun.-V. H. S. p. 153-45f3; Det. S. p. 333; Herib. p. 143;
" *v. aequalis*, V. H. Type No. 313;
" *v. constricta*, Grun. 1362p. 372-7f12; Brun Alp p. 121-4f1b;
Belloc, Luchon; (*F. constricta* & *F. bipunctata*)
" *v. contracta*, Grun. 1362p. 372; (*F. contracta*.)
" *v. lanceolata*, Grun.-V. H. S. p. 153-45f3; Det. S. p. 333; Herib. p. 143;
" *v. mesolepta*, Rabh. E. D. p. 113; Rab. Alg. No. 1041; V. H. S. p. 153-45f3; T.
No. 312; Lake Michigan; Cl. 1391p. 33; Det. S. p. 333; Herib. p. 143;
(*F. bipunctata* & *contracta*.)--
" *v. minima*, Rabh. E. D. p. 113; (*F. pusilla*.)
" *v. setosa*, R. E. D. p. 113; (*F. contracta*.)--
CARMICHAELII, Harvey Manual p. 193; Hook. Brit. Fl. p. : S. S. D. 2 p. 104;--
(Grammatonema striatum; -Rhabdonema minutum.)---
CARNEA, Lynghye Flora Danm. p. 12133; (Non-Diatomaceous.)--
CASTRACANEI, Deloni, Syll. p. 637; (*F. Antarctica*, Cast.)
CATANA, E., Abh. Bot. 1340p. 13; V. H. S. p. 15; Phil. p. 777; R. E. D. p. 113;
Det. S. p. 391; (*F. turgens*.)
CONFEROIDES, Grev.-Hooker's Brit. Fl. p. 403; Harvey Man. p. 197;
(*F. virescens*; -Oodonia hysmale.)----
CONSTRICTA, E., Ann. p. 127, 13. 1-101; 3-311; V. H. S. p. 153-45f3;
33-3f3; 33-10f13; 33-3f56; K. B. p. 46-29f25; V. S. A. p. 15; R. S. D. p. 34-
115; Phil. p. 777; Grun. p. 372; V. H. S. p. 153-45f3; Det. S. p. 333;
Petit & Leau; Hoffmann, Marburg;
(*F. binodis*, capicira, constricta, var., & mesolepta, undata, virescens.)
" var. "*a*" E.-Mik. pls. 13-1f19; 13-2f34;
" var. "*b*" E.-Mik. pls. 13-1f20; 13-2f35;
CONSTRICTA, Grun. 1362p. 371; R. E. D. p. 120; V. H. S. p. 153-45f3; Italy; S. S. D. 2 p. 104;
Kleinen p. 13-1f27; Brun Alp p. 120-4f9, 10h; Kinnora; V. H. S. p. 153-45f3;
23c, d, 27; Herib. p. 143; Cl. 1391p. 33; Belloc, Luchon; Grun. 1362p. 371;
p. 333; Woll. p. 147f13, 14, 20; Lake Michigan; V. H. S. p. 153-45f3;
Det. S. p. 333; (*F. undulata*; -Stenostoma; -Oodonia hysmale.)
" forma *gracilis*, Rab. E. D. p. 120; (Diatoma pectinale & subtile.)--
" *v. binodis*, E.-Grun. 1362p. 371; R. E. D. p. 120; Italy; Brun Alp p. 120-
4f10; V. H. S. p. 153-45f3; 23; Belloc, Luchon; Grun. 1362p. 371;
p. 339; (*F. undulata* & c.)--
" *v. capitata*, A. & Br.-Herib. p. 144-1f2;
" *v. genuina*, Herib. p. 144;
" *v. oblonga*, Grun. 1362p. 371-7f10; R. E. D. p. 120;
" *v. pusilla*, Grun.-V. H. S. p. 153-45f3; Herib. p. 143; Oestrep 1877 p. 3;
" *v. pusilla*, Grun. 1362p. 371; (*F. pusilla*.)
" *v. venter*, V. H. S. p. 153-45f3; 23, 24b, 26a, b; Lake Michigan;
Malaisie; Det. S. p. 339; Herib. p. 144; (*F. venter*.)--

→ Harrisonii, Oestrup 1897 p. 338:

+ *intermedia*, a. cl. 1895 p. 36.

+ *exponica*, Gr. -

" v. *minuta*⁺ a. cl. 1895 p. 36-1 f 40: 7. 11. 1902

- forma mediocris, R.E.D.p.120:-(Dimeregramma & Odontidium informis.)
- " minima, R.E.D.p.120: (Odontid. Salisburghense.)
- " minor, Rab.E.D.p.120: (Stauriosira pinnata.)-
- var."a" gemina, Grun.1362p.363:
- var."b" rhomboides, Grun.1362p.363:-(Formae minor & Odontid., var."b".)
- var."g" dubia, Grun.1362p.363-7f3: Schum.1364p.17-2f6; Stross, Vleiken:
- HIMALAYAE, E., Mik.p.193; Prit.1.777: R.E.D.p.121; Del.Syll.1.391;
- HUNGARICA, Pantoc.3p. -3f123;
- HYALINA, Grun.1362p.374; V.H.S.p.155-44f14,15; T.No.309; Malaisia;
- Del.S.p.332: Herib.p.143:-(Diatomosira; -E. tenerima; -Ralfsia.)--
- var.majior, Grun.1362p.274: (Diatoma hy.)
- v.minor, Grun.1362p.374: (Diatoma vitreum.)--
- v.vitrea, K.-Del.S.p.333: (Diatoma; -Diatomosira; -Erag.)--
- v.rubra, Rab. -Del.Syll.1.363: (Diatoma, frag., & Ralfsia.)
- HYALIS, Lymb. Hyar. Tent.p.138, pl.331 "E": Ap. Symp.p.53; Conf.p.2;
- Linnae 1333p.72: Flora Danm.pl.1957f1; Hass.Alg.p.414-93f5; A.M.N.A.
- Vol.1p. -2f3; Hn.pl.7-32, f22; 3-III1: ~~Erag. p.7~~
- (Bacillaria Hungarica; -Diatoma; -Odontidium h. & mesodon.)--
- HYALIS, Del. Del. Gallio.: ~~Erag. p.32~~: (Diatoma Salisburghense.)
- INFLEXA, E., Abh. Ber. 1369p.49 pl.1c, f3: Woll. pl.5f21: Del.S.p.392:
- INFORSIS, A.S.-A.M.I. 1337p.19-1112: (Dimeregramma; -D. neri-boni.)--
- INTERMEDIA, Grun.-V.H.S.pl.45f9-II; T.314; Herib.p.143: (Stauriosira.)
- ISCHABOENSIS, Grun.-V.H.S.pl.36f17; Del.Syll.p.395:
- ISLANDICA, Grun.-V.H.S.pl.45f37; Cl.Nares; Vega p.434; Cl-18;
- " v.hyperborea, Cleve Vega p.434;
- JAPONICA, Pant.3p. -3f101:
- JURGENSEII, K.Syn.p.59: (Grammatonema.)--
- KAVNENSIS, Pant.-Del.Syll.p.391: (Grammatonema.)
- KOCHII, Pant.3p. -13f235;
- LAEVIS, E.-Amer.p.127; Mg.pl.13f71; K.B.p.43; K.S.A.p.15; Prit.1.
- 777: R.E.D.p.121; Del.S.p.391:
- LAMELLA, E.-Mik.p.11; Prit.1.777: Del.Syll.p.392:
- LANCETULA, Schum.1367p.52-114; V.H.S.pl.45f10: Del.S.p.397:
- LAPPONICA, Grun.-V.H.S.pl.45f35; Kinnora; Del.S.p.393;
- " (E. brevistriata, & mitaculis, var.) - ~~Del.S.p.391~~
- LATRUNCULARIA, Lymb. Hyar. Tent.p.132, pl.62:
- " (Diatoma; -Grammatophora marina.)--
- LEGUMEN, E.-Mik.pl.12f34; Del.Syll.p.392;
- LEPTOCEPHALA, E.-Abh. Ber. 1353p.527; Mg.pl.35A-12f3;
- " (Diatoma anceps; -E. & Odontid. capitatum.)----
- LEPTOCERAS, E.-Abh. Ber. 1344p.32; Mg.pl.13f73; Del.S.p.392:
- " (Dimeregramma; -Odontidium.)--
- LINEARIS, Cast. 1337p.53-19f9; Notar. 1339p.636; Del.S.p.337:
- LINEATA, Lymb. Hyar. Tent.p.134, pl.63; Morren, 1326;
- " (Conferva; -Melosira Borreri, l., & variants.)
- MAXIMA, O'M.I.D.p.233-27f16; Del.S.p.337:
- MESODON, E.-Mik. 1311p.132 pl.119; V.H.S. 13-1117, 6; 11113:
- 34-12f1a, b: (Diatoma & E. hyemalis; -Odontidium.)

+ minutissimus, Gr. - 1819-12

mutabilis, (Stammosia) Brun alps p. 119-4f8

MESOGONGYLA, E.-Abh.Ber.1853p.333,f43; Prit.p.777: R.E.D.p.121:

Det.Syll.p.393;

MESOLAPPA, Tab.Alg.Sachs.No.1411; R.E.D.p.121: R.E.D.p.121:

Eul.Sp.T.43; O'M.I.D.p.234; Sm.Sp.T.167; A.S.M.1836p. -If1;

(F. capricornis, var., & constricta.)---

MESOTICA, E.-Abh.B.1847p.434; Prit.p.777: R.E.D.p.121: Det.Syll.p.393;

MEXICANA, E.-DeToni, Syll.p.393:

(Stauroneis.)--

MICROCEPHALA, Part.2p.35-18422; Det.Syll.p.393:-(Achnanthes.)---

MINIMA, Grun.1862p.374; Eul.Sp.T.No.44:

(Diatoma.)

MINOR, Part.2p.35-7f129;

MINUTA, Part.2p.35-4f130: Det.Syll.p.393:

(F. Lapponica, v.)--

- MINUTISSIMA, Grun.-V.A.S.pl.45f14; Det.Syll.p.390:

(F. minutilis.)---

MORMONORUM, Grun.-Det.Syll.p.391:

(Stauroneis.)

MULTIPUNCTATA, E.-Inf.p.205-15f15:

(F. capricornis.)

MUTABILIS, W.Sm.-Grun.1862p.369; Rabh.D.Ex.No.32; R.Alg.E.No.1025 sub;

R.E.D.p.113,f32(2); Schum.m.T.p.55; Italy: Eiber, 1871; Lanzi, 1871;

Stose, Kleiker; V.A.S.p.157-45f12; T.315; Belloe, Lachon: Cl.1891p.33:

Lake Michigan; Delogne; Wolle pl.47f13, 19; (Frag. elliptica, inter-

media, Lapponica, minutissima, pinnata; -Odonot.m., pinnatum, striolatum;

v. cuneata, Grun.-Herib.p.145: *N.H.S.*— (Scaptoneis marina.)

v. diatomacea, Grun.1862p.369; R.E.D.p.119:

v. intercedens, Grun.-V.A.S.pl.45f13:

v. intermedia, Grun.1862p.369-7f9; R.E.D.p.119: (F. & Stauroneis.)

v. subsolitaria, Grun.1862p.369:

- NANKOURENSIS, Grun.1862p.369-12; Det.Syll.p.393: *Greville, 1891*

NAVICULA, E.-Amer.p.127pl.1-3f3; K.B.p.43-29f33; V.S.A.p.15; Det.

Syll.p.391: (Diatomeis; -Pleurosigma affinis.)---

NEWBERRYI, E.-Abh.B.1870p.56, pl.3-1f12; Wolle 5f20; Det.Syll.p.397:

NITZSCHIOIDES, Grun.-V.A.S.pl.44f10; Det.Syll.p.394; Herib.p.149;

v. Brasiliensis, Grun.-V.A.S.pl.44f11; Herib.p.149;

NONIOSA, E.-Abh.Ber.1841p.237: *M.K. p.17*:

(Stauroneis.)

NORTHUMBRIA, Grun.-V.A.S.pl.44f17; Det.Syll.p.393;

NORONHENSIS, Grun.1862p.369-13f13: (Stauroneis; -Pleurosigma.)---

OCEANICA, Cl.1873p.22-4f25; Nares; Vega p.433; Det.Syll.p.395:

Grun.1864p.55-2f14a, b: *Cl. 1877 p.23*: (F. arctica.)

OXYPTERA, E.-Mik.1853p.70; Det.Syll.p.392:

OXYRRHAMBUS, E.-Abh.Ber.1853p.333,f44; Prit.p.777: R.E.D.p.121;

Det.Syll.p.393;

PACIFICA, Grun.1862p.373-3f19; 1862p.143-14f3; 1863p.3: R.E.D.p.121;

Dannf.p.45; Petit Tab.B.p.3-3f2; Cl.1873p.71; Vega p.501; Fort. Cay.

p.50; V.A.S.pl.44f20-22; Wolle pl.47f20-25; (Ophiura.)---

Herib.p.147;

v. trifora, Brun & H.-Herib.p.147-1f3;

PARADOXA, E.-Abh.Ber.1841p.143; Mik.1853p.33-14f10; 33-15f13;

Wolle pl.47f13, 17: (F. & Odonotidm Cretas.)

PATAGONICA, Cl.-Det.Syll.p.390:

(Stauroneis.)

PARASTICA, W.S.-V.A.S.pl.45f30; T.317; Wolle pl.47f10; Dannf.p.149;

(Synonym: Parastica)

lectinialis, - (Conf. clandestina; - C. lucens Gattenuata: -

2. lectinialis v. lectinialis, ac. L.D. 2. 49. 12 p 77-514

lectinialis, (C. Mumb.) 51. 12 p 103:

Alata, very Alg. Ex. Dec. 1822.

- SCHWARTZII, Grun. I333p. I43-I47; I333p.3: Italy; Cl. & M. I33; Vera p. 501; V.H.S. pl. 44f24: (Ophephora; -Sceptroscis marina.)
- SEMINULUM, E. -Abh. Ber. I343p. 5; Del. Syll. p. 392: *Mik. p.* ;
- SEMINUDA, E. ; Prit. p. 777: Del. S. p. 393;
- SEPIES, E. -Mik. pl. 37-If3: (H. capucina.)
- SEPULTA, Pant. 3p. -27f399;
- SMITHIANA, Grun. -V.H.S. pl. 45fI; 1. No. 3II; Del. S. p. 394; (H. capucina; -Staurosira.) ----
- SPECTIOSA, Grun. I332p. 336; Del. S. p. 390: (Odontidium.)
- STAUROIDEA, Schum. I334p. I7-2If; Del. S. p. 337;
- STRIATA, E. -Beitrag I33Ip. 33; Amer. p. I27pl. I-3f9: (Diatoma & Odontid. hyemale; -H. striolata.)
- STRIATULA, Lyngh. Hyar. Tent. p. I33pl. 33f"A": Linnea I333p. 73: K. Syn. p. 53: Breb. D.C.: S.B.D. 2p. 23-33f293; Cl. I337p. 333; I338p. 2I9: Mull: O'M. I.D. p. 233; Del. I333p. I7; S. S. p. 4. No. I33; V.H.S. pl. 44f12: I333p. I49; (H. aurea, Californica, diatomoides; -Nematoplate argentea.) -- Grammatonema s. & Jurgensii; -Grammonema s., var.) --
- STRIOLATA, E. -Kreid. I333p. I29; Meteorp. pl. 2fII; Amer. pl. I-3f9; M. pls. I9I2c, 24; 2If29a-c; 22f37; 23f33; Abh. 3. I337p. I. I, II; I339p. I. I-III; (H. intermedia, pinnata, striata; -Odontidium s. & nitabile.) -
- STYLIDUM, E. -Abh. 2. I342p. 235; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;
- STYLUS, E. -Abh. Ber. I342p. 235; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;
- SURFURATA, E. -Mik. pl. 39-3f54: (Diatoma striata; -Stylidium.)
- Swartzii, Grun. I333p. I43-147: 1. No. 3II; Del. S. p. 394;*
- SYNEURA, E. -Mik. pl. 39-3f30, 6I; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 392;
- SYRIACA, E. -Abh. Ber. I340p. I6: (Odontid.)
- TABELLARIA, O'M. -DeToni, Syll. p. 334: (Ralfsia.)
- TABELLARIA, Cleve I333p. 2I9: (Odontid.)
- TAENIA, E. -Abh. 3. I343p. 277; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 394;
- TENERRIMA, Hib. p. 33; Cl. I333p. 220; (Diatoma hyalinum & vitreum.)
- TENUICOLLIS, Heib. p. 32-5fI3; R.E.D. p. II9; M.T.P. I-3-I3: O'M. I.D. p. 233; Del. S. p. 335;
- TENUIS, Ag. Cons. p. 33; K. Syn. p. 53; Heib. p. 33: (H. capucina.) --
- TESSULA, E. -Mik. pl. 20-2f29; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 391;
- THERMALIS, E. -Mik. pl. I33; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 391;
- TRACHEA, E. -Amer. p. 33; Mik. pl. I2; Prit. p. 777: R.E.D. p. I2I; Del. Syll. p. 394; (Gaillonella sulcata.) -
- TRANSYLVANICA, Pant. 3p. -2If3I7; 27f400;
- TRICARINATA, E. -Del. Syll. p. 393: (Staurosira.)
- TRIGONGYLA, E. -DeToni, Syll. p. 392: (Staurosira.) -
- TRINODIS, Bailey. -A.J.S. I342p. I03; Mik. pls. I6-2f37a, b; I6-3f2a; I7-IfI3a, b; Del. S. p. 392;
- TURGENS, E. -Abh. Ber. I343p. I70pl. 2; I340p. I6; I339pls. Ia, f4; Ic, f3; I370pl. 2-If52; M. pls. I-3f33a-c; 7-If3; 3-IfII; I2ffa-a: I3-2f29a, b; 35A-22fII: R.E.D. p. I2I; wolle pl. 47fII: (H. catena.) --

+ urudata,

" f. stricta - a. c. 1895,

" f. tetrandris - a. c. 1897

+ virescens,

" var. exigua, Tolsta p. 437

" " oblongella, forma clavata, V.H.S. pl. 44f4:

TURGIDULA, E. - Inf. p. 204-15f15; Abh. B. 1359 pl. 1c, f15;

(Odontidium hyemale, mutabile & t.) ----

UNDATA, S.B.D. 2p. 24-60f377; A.M.N.H. 1355p. 9-1f7; Schum. 1337p. 51; R.
E.D.p. 120; O'M. I.D. 1. 234; Cl. & M. 132; S. S. 1. 331; Kinnord; Cl. 1331
p. 7; 139Ip. 33; V.H.S. pl. 44f9; Herib. p. 149; *a. cl. 1895p. 35*;

(*H. binodis*, *constricta*, & *virescens*, var.) ---

var. "b" *pendulaeformis*, S.B.D. 2p. 24-60f377b; R.E.D.p. 120; Herib.
p. 149; (Odontid. tabellaria, sporangial, Gr. .)

UNDULATA, Cramer, Heuw. Vol. 2p. 65-12f7; Prit. p. 777; R. Alg. 144I sub;
R.E.D.p. 120; Malaisie; Del. S. p. 694;

UNGARIANA, Grun. 1363p. 142-13f13; Heuw. Vol. 9p. 63; R.E.D.p. 119; J.L.S.

1334p. 514-43f4, 5; M.T.P. I-4-I; Del. S. p. 639; (Staurosira.)

" v. Abyssinica, Grun. - Bogos. p. 152; Notar. 1386p. 194; Del. S. p. 639;

UNIPUNCTATA, Lyngb. Hydr. Tent. p. 133 pl. 62f "C": (Diatoma; -Striatella.) --

VALIDIOR, Pant. 2p. 66-15f264, 265;

VENTER, E. - Mik. pls. 3-1f12; 9-1f6a, b, 7; 11f14; 13-1f4; 33A-14f3, 4a, b; 14f50.

Abh. B. 1339 pls. 1a, 1b; 1c, 1d; 1"j" f13; Prit. p. 777; R.E.D.p. 121;

Grun. 1362p. 371-7f10; Italy: Wolle pl. 5f19; L. . . . .

(*H. gibba* & *constricta*; -Odontidium parasiticum.) --

" v. fossilis, Pant. - DeToni, Syll. p. 691; (Staurosira.)

VENTRALIS, E. - Mik. p. 39; Prit. p. 777; R.E.D.p. 121; Del. S. p. 692;

VENTRICOSA, E. - Mik. p. 201; Prit. p. 777; Del. S. p. 692;

VENTRICULUS, E. - Amer. pl. I-1f20; (*H. diophthalma* 3-

VIRESCENS, Ralfs. - A.M.N.H. 1343p. 110-2f6; Williamson p. 13-1f12; K.B. p.

46-16f4; K.S.A. p. 14; R.S.D. p. 33-1f1; Rab. Alg. Nos. 35, 549, 149I sub; R.

Bac. Exs. No. I; Braemar; S.B.D. 2p. 22-35f297; Westendorp No. 800; Desm.

I, No. 1452; 2, No. 1052; Mathieu; Prit. p. 777-9f176; Grun. 1362p. 373-7f15;

Herib. p. 60; Schum. H. 1. pp. 42, 55; Eul. Sp. 1. 42; Carr. p. 30; Roper, Thames;

R.E.D.p. 119, f32(I); Girard Foss. p. 12-2f4; Cl. 1337p. 363; 1333p. 219;

1331p. 7; 139Ip. 63; Italy: Hull; Nylander, W.: Manoury 1370pl. 2f9, 10;

Prollius p. 74; Kinnord; O'M. Kerg.: I.D. p. 232; Gallia, Pagan; Delogne;

Petit & Leud.; liste p. 25; Lake Michigan; Borscow pl. 1f6; M.T.P. I-3-

19; Belloc, Luchon; V.H.S. p. 155-44f1; T. No. 310; Ebert, Cassel; Petit,

1333; Brun Alp. p. 121-4f12; Hoffmann, Marburg; Wolle pl. 47f4-7; Spamer,

Duren; Del. S. p. 681; Herib. p. 147; *J. 2. C. 1870p. 41 - a. cl. 1895p. 35*;

(Diatoma & *H. pectinale*; -Diatoma *tense* & var. ^{pect.} *& silphulascens*; -Frag. *p.*

aequalis, *confervoides*, *constricta*, *hyemalis*; -Staurosira *aequalis*; -

" forma *elongata*, Perag. & H. - Herib. p. 143;

" var. "b" S.B.D. 2p. 22-35f297b;

" v. *diatomacea*, Grun. 1362p. 334; (*H. undata*.)

" v. *eunotiaeformis*, Grun. - Cl. 1331p. 7;

" v. *exigua*, Grun. - Cl. 1331p. 7; Belloc, Luchon; Kinnord; V. I. S. 1. 1412, 3;

Perag. p. 72; Cl. 1391p. 63; Del. S. p. 632; Herib. p. 143; (Frag. *ex.*) --

" v. *inaequidentata*, Lagr. - Del. Syll. p. 632; (*H. aequalis*, v.) --

" v. *oblongella*, Grun. - V.H.S. pl. 44f4, 5; Malaisie;

" v. *producta*, Lagr. - Del. Syll. p. 632; *a. cl. 1895p. 35*; (*H. aequalis*, v.)

" v. *subsalina*, Grun. - V.H.S. pl. 44f5;

" v. *undata*, Grun. 1362p. 373; (*H. undata*, "b" & "c").

" v. *ventricosa*, Perag. & H. - Herib. p. 143;

+ interposita, Oestrup 1897 p. 314-2 f 2:

linearis, Ag. - (NH.S. 67 f 13-15) = Antyechia -

- FULVA, K.Synop.p.13-1f3; Breb.in Herbario Binder.: (Cymbella gastroidea)
 Cocconeis cistula; -Navicula microstoma; -Stauroneis microstoma.----
 GASTROIDES, K.Syn.p.15-1f9: (Cocconeis cymbiformis; -Cymbella.)-
 GEMINATA, K.Synop.p.16: (Navicula.)
 GRACILIS, Jenner Flora Tunbridge Wells; E.Mik.p.53: (Pinnularia.)
 HAECKERIANA, Rabh.S.D.p.50-1of14; Prit.p.924;
 HYALINA, Ag.-K.Synop.p.9: (Cymbella.)
 INCOMPERTA, Lewis.-De Toni, Syll.p.273:-(H.interposita, v.: -Navicula.)
 INCRASSATA, K.Synop.p.17-1f17: (Epithemia & Navic.; gibba.)--
 INFLATA, K.Syn.p.17-1f14: (Cocconeis gibbum; -Navic. foliis & i.)---
 INFLEXA, Breb.Cons.p.13: (Nav. curvula.)
 + INTERPOSITA, Lewis.-De Toni, Syll.p.273; Cl.Nav.p.123:-(Nav. l. & Marssonii
 " v.incompta, Lewis.-Cl.Nav.p.120: (H. l. & Nav. incompt.)
 " v.Julieni, Br. & Her.-Cl.Nav.p.123: (Nav. Jul.)---
 " v.Labuensis, Cleve Nav.p.123: (Nav. L. & O'Mearii.)
 JURGENSII, Ag.Cons.p.41; *in Lagerflora*, 1834, p. 625, fig. 11; (Cymbella lutea,
 Epithemia & Eimotia turgida; -H. picta; -Synedra ulna;)
 KUTZINGIANA, Rabh.S.D.p.50-7f12; Prit.p.924; (Synedra ulna.)---
 LAEVISSIMA, ; Gallix, Papan;
 LANCEOLATA, Ag.-K.Syn.p.14-1f13; K.Alg.Dule.Dec.VIII, *No. 2*;
 Lagerfl. 1834p. 19, 15; *in Lagerflora*, 1834, p. 625. (Cymbella; -Navicula;
 LATA, Breb.Cons.p.17: (18?)- (Pinn. & Navicula.)
 LATERASCIATA, Ag.-K.Syn.p.10: (Cymbella.)
 LENS, Breb.Cons.p.13: (Cocconeis & Cymbella pediculus.)--
 LEWISIANA, Grev.-De Toni, Syll.p.273; Cl.Nav.p.123:
 (Navic.: -Vandendreeia; -Navicula ?, in Lewis N. & L. p. 341-1f1);
 LIBRILIS, Jenner.-Flora Tunbr. Wells: (Sargarella solca.)--
 LINEARIS, Castr. 1837p.53-19f9:
 LYNGBYI, K.Syn.p.29-2f32: (H., Podosphaenia,
 Echinella & Styllaria cuneata; -Licmophora & Podosphaen. Jurgensii, v.)-
 MACULATA, K.Syn.p.11-1f4; K.Alg.Dule.No.35; Lagerfl. 1834p.56, f3;
 (Cocconeis cistulum; -Cymbella lunula & m.)--
 MAJOR, K.Syn.p.19-2f25; (Nav.: Nav. & Bacillaria filva; -Bacill. conjugata)
 MARITIMA, E.-Inf.p.232; K.B.p.109: (Phlyctenia m.)
 MEMBRANACEA, Griff. & Inf.-M.D.pl.41, f3:
 MINOR, Ag.Syst.p.2; K.Syn.p.9: (Cymbella?)
 MINUTA, Rabh.S.D.p.50-7f4; Prit.p.924; (Synedra frustulum.)--
 MULTILASCIATA, K.Syn.p.22-1f15; Lagerfl. 1834p. 201-1f1; (H. gracilis; -Synedra ulna)
 NEOLACTA, Thw.-De Toni, Syll.p.261: (Cocconeis; -Synedra ulna.)---
 NIDULANS, Breb.Cons.p. : (Cocconeis.)-
 NITZSCHII, K.Syn.p.23-2f33;
 (Sigmatella; -Bacillaria, Cymbella, Navicula & Synedra sigmoides.)---
 NODOSA, Jenner, Flora Tunbridge Wells; - (Navicula.)
 NODULOSA, Breb.Cons.p.13: (Nav.: -Pinnularia tenuis.)
 NOVILUNARIS, Ag., Bot. Zeitung, 1827; K.Syn.p.15;
 OBLONGA, K.Syn.p.20-2f24; Breb.Cons.p.13; K.Alg.Dule.No.34; *in Lagerflora*,
 Lagerfl. 1834p.47: (Nav. gracilis & o.; -Pinn.)--

Jaxonica - M.M. J. 1875 pp. 32, 274 pls. 124, 125:

OBTUSA, Ag. Syst. p. I; Cons. p. 44; K. Syn. p. 13:

(Denticula; -Echinella; -Synsura alba.)--

OCELLATA, Breb. Alg. Ital. p. : (Nav. & Pinn. oblonga.)---

OLIVACEA, K. Syn. p. 23-2f3f; (Echinella; -Gomphonema; -Meridion veniale.)-

OPERCULATA, Ag. Flora Danm. 1827. p. 627; K. Syn. p. 7-11f:

(Cyclotella; -Cymbella; -Pyxidicula.)----

ORSINIANA, Meneg. -

(Cymbella.)

OVALIS, K. Syn. p. II-If5:

(Amphora; -Nav. amphora.)---

PALEA, K. Syn. p. 24:

(Bacillaria; -Nav. bacillis.)---

PALUDOSA, K. Syn. p. 29:

(Styllaria.)

PARASITICA, Ag. Syst. p. 2: *flor. Danm.* #947: (Diatoma; -Exilaria; -Synsura alba.)--

PATVILA, K. Syn. p. 10-11f:

(Nav. pinn.; -Synsura alba.)

PELLUCIDA, Ag. -Breb. Alg. Ital. p. 12; K. Syn. p. 11: *flor. Danm.* #947-948: *flor. Danm.* #949-950:

(Amphora; -Synsura alba; -Nav. pinn.; -Nav. pinn.)

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PELLUCIDA, K. Syn. p. 13-14f: K. Alg. Ital. Dec. 18: Del. 1831. p. 72:

(Amphileura.)

PICTA, K. Syn. p. 13-If13:

(F. Jurgensii; ---

Cystod. Ital. p. 12; -Amphileura (Amphileura) p. 12; -Amphileura (Amphileura) p. 12;

PUNCTATA, K. Syn. p. 13-14f: -Bacillaria punctata; -Denticula punctata; ---

QUADRANGULA, Ag. Cons. p. 45; Del. 1831. p. 27; K. Syn. p. 12: K. Syn. p. 12:

Del. Syll. p. 23f: (Synsura alba.)

QUINQUEPUNCTATA, K. Syn. p. 26-2f23: (Nav. splendens; -Surirella solida.)--

RHOMBOIDES, E. -Gallik, Papan; Cl. 1891. p. 41; Nav. p. 122; Del. S. p. 277:

(Navicula; -VanHeurekia.) *Cl. 1895 p. 15:*

* v. amphileuroides, Grun. -Cl. 1891. p. 41; Nav. p. 123; Del. Syll. p. 277:

(Navicula (& VanHeurekia) r., var. ampl.) *Cl. 1895 p. 15:*

* v. crassinervis, Breb. -Cl. 1891. p. 41: *1895 p. 15:* (Var. Saxonica.)

* v. lineolata, E. -Cl. Nav. p. 122: (Nav. lin., E.)-

* v. Oregonica, Cl. Nav. p. 122;

* v. Saxonica, Rabh. -Del. Syll. p. 277; Cl. Nav. p. 123;

(Frust. S. -Nav. & VanHeurekia crassinervis.)

* v. viridula, Breb. -Cl. Nav. p. 123;

(Collettonera; -VanHeurekia; -F. torfacea.)

SALINA, E. -Inf. p. 232; K. B. p. 109; K. S. A. p. 96; Prit. p. 924; Del. S. p. 23f:--

SAXONICA, Rabh. S. S. p. 55-71f: R. Soc. Exp. No. 12; R. S. S. p. 227, 231; Del.

p. 924; M. D. p. 1. 14f17; Grun. 1860. p. 573; 1865. 10-If13; Pfitzer p. 53-4f

4-3; Del. 1831. p. 11; S. S. S. No. 12; Pfitzer p. 57-10f, 11; Del. 1831

Unters. p. 13-2f37-47; Malaisia; Schum. 4. 7. p. 79; Lens Vol. I. p. 233; M. M.

J. 1874. p. 23; 1876. p. 92, 139, 235; p. 122, 1. 130; 1877. p.

I, 173-185f "C": Macedonia p. 10f32; Cincinnati Med. News June, 1875;

Am. Nat. 1873. p. 443; 1876. p. 270: Hoffmann, Marburg; Tanzi 1879. p. 33, 110:

(Collettonera vulgare; -F. (& Navic.) rhomboides & var.)

* v. aquatica, Rab. E. D. p. 227:

(N. crassinervis.)-

* v. torfacea, Rab. E. D. p. 227:

(Frust. S.)

SCALPRUM, K. Syn. p. 23:

(Cymbella; -Navic.; -Pinnosa, E.)

SCALARIS, Breb. Cons. p. 13:

(Amphileura ligula.)

SCAPHIDIUM, Breb. Alg. Ital. Cons. p. 13; K. B. p. 103; -Eimonia amphioxys.)

⁷
Stethica.
Ginnard, 1882. -
"

Crenata, Mik 5-3+47:

7 Dickiei, Thw. - Petit, Cap. Horn:
"forma Chiliensis, Gn. - Petit, Cap. Horn.:

8 gremata Wq. pl. 33-13+11:

9 var. Australiensis, Gn. - Petit, Cap. Horn. - (Mel.)

- CAMPYLOSIRA, E. - Mik. pl. 35A-I3b, f1-3: ("a", "b" + "c.") (Melosira.)
 CARINATA, E. - A. h. Ber. I344p. I63;
 CITULATA, E. - Mik. pl. 38A-913;
 CORONATA, E. - Abh. B. I345p. I54; Mg. pl. 33B-22f5: - (Mel. c., & silcata, var.)
 COARCTATA, E. - Amer. pls. 3-3f12; 3-5f9: (Mel. c. & orichalcea.)
 COSTATA, Petit Nimrod: (Mel.: - Skeletonema.)
 CRENULATA, E. - Abh. Ber. I344p. I66; I371pls. I6, f10-I2; Mg. pls. I-3f22; 2-2f2;
 2-3f2; 3-1f2; 3-4f3; 4-2f3a, b; 5-1f2; 5-1f5f; 7-1f2; 8-1f2;
 12, 13; 11f1a, c; 12f1a, c; 13-1f2; 13-2f3a, b; 17-1f2; 17-2f3;
 35-1f2; 35-2f3; 35-1f1f; 35-2f1f; 35-1f1f; 35-2f1f; 35-1f1f;
 35A-I4f1; 37-2f7; 37-1f10; 39-1f2; 39-2f1f; 39-2f1f; 39-2f1f;
 24I-If12; Guano p. 306-2f33: (Mel. Italica.)
 CRENULATA, E. - Abh. B. I354p. 1: Amer. pls. 2-If4; 3-If23; 4-If3I;
 Petit, I333: (Mel. c., & Italica, var.)
 " v. valida, Petit I333p. 5-4f15;
 CROTOLANSIS, Ball. & Sp. p. 9: (Mel. c. Italica; - Melosira orichalcea.)
 CUNEATA, E. - Abh. Ber. I369pls. I'a" f6; I'a" f1, c;
 CURVATA, E. - ; Prit. p. 322;
 DECUSSATA, E. - Abh. B. I343p. I67; I371pls. I'b" f5; I'e" f5; Mg. pls. 3-2f5;
 13-2f3a-b; 14f9; 35A-1f2; 39-3f2; A. J. S. I371, f5; Weiss I371, f5;
 273-1f17a: (Melosira.)
 DIGITUS, E. - Mik. pl. 5-3f2;
 DISTANS, E. - Mik. pl. 170-2f14; 1836
 1836
 Mg. pls. I-3f22a, b; 2-3f3a, b; 2-2f1a, b; 3-4f35; 3-If24; 3-If24;
 22: 4-1f2; 4-2f3a-b; 4-3f19a-b; 5-1f19a-b; 5-2f2; 5-1f19a-b; 5-2f2;
 7-If29, 30; 7-2f19; 7-3b, f16; 7-4f4; 8-If23a-e; 3-3f1; 9-If11a-e; 9-2f1, 2a-e;
 10-If2; 10-2f20; 1-If13; 7-3a, f3; 11f1a-g; 12f10a-c; 13-If3Ib, c;
 14f33; 15B, f1a, d; 15-If47; 15-2f39; 16-3f20a-c; 17-If53acus;
 17-2f13a-a; 33-(1f3, 3f5, 7f11, 13, 10f14); 33A-(7f3, 7, 1f11); 37-5f1;
 38A-(7f4b, 3f6-3, 15f12, 13f7, 3, 17f24); 39-(1f6, 7, 2f4, 9b, 12a);
 39-(2f4b, 5b, 3a); A. J. S. I371, 9f-2f; 1371, 1f. 5f7; Weiss I371, 2f3-
 If15c; (Mel.: - G. Gallica, halophila, trachealis.) ----
 FERRUGINEA, E. - Mik. pl. 159-1f17; A. J. S. I371, 1. 95; v. b. 1. 33: a 2f1f, 1f1f;
 (Gibbula ferruginea: - a des. n. d.)
 GALLICA, E., Abh. Ber. I336p. II9, I32; Mg. pl. 9-2f2a-e: - (Mel. G. & distans.)
 GEMMATA, E. - Mik. p. 74; Prit. p. 322;
 GIBBA, E., Abh. Ber. I343p. 44: Prit. p. 322;
 GRANULATA, E. - Amer. p. 127; Mg. pls. 2-1f2; 5-1f29a; 11f1a; 12f1a; 13-1f1;
 3f1a, b; 14f1a, b; 15A, 12, 3a, b; 173, 11a, c, f; 31-2f1a; 33-1f1f; 33-2f1f;
 34-7f1; 34-3f7; 39-1f1; 39-1f2c, 3d, 7a, 3a, 38a; 39-3f32; A. J. S. I371, 1s. 2-2f3;
 3-1f4, c; 1371, 1s. 1f, 1f; 13, 12; 13, 1f, 2; 13, 1f; 13, 1f; 13, 1f;
 39-2f1a: A. J. S. I371, 1f. 1f2; (Mel. c. & distans.)
 " var. "b" maxima, E., Mik. pl. 35B-Ia, f3;
 " var. spiralis, Petit, I333;
 HALOPHILA, E. - Mik. pl. 37-5f1: (G. distans; - Melosira.)
 HETEROCENTRUM, E. - Abh. B. I343p. 5; Mg. pl. 33-2f17: - (Melosira; - G. distans.)
 ITALICA, E. - Mik. pl. 171-1f13: (Melosira l. & orichalcea, var.: - Melosira orichalcea.) --

17.

Scala, 6, 7, 8-15, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Scala, 33-12, 20, 21.

- LAEVIS, E., Mik. pls. 9-If10a, b; I4f87a, b; 33-If9; 33-I4f12; 35A-I3a, f3;
 Abh. Ber. I369 pl. Iⁱ f3a: (Biddulphia; -Mel. l. & Rossiana.)
 " var. ⁱ inflata, E., Mik. p. 201 pl. 33-If10;
 " var. striatosa, E., Mik. p. 77:
 LAMINARIS, E. - Mik. pl. 39-3f64:
 LINEATA, E. - Inf. p. I37-I0f2c; (Mel. Borreri, Jurgensii, l. & moniliformis.)
 LINEOLATA, E. - Abh. B. I343 p. 43; Prit. p. 322:
 LIRATA, E. - Amer. p. I27; - Mg. pl. 2-3f33a, d, a; (Melosira.) ---
 Abh. Ber. I371 pls. Ib, fI, 2; I₂, f6:
 " v. biseriata, Petit I333 p. 5-4f2I: (Mel. b.)
 " v. lacustris, Petit, I333 p. 5: (Melosira l.)
 " formae tenuiores, Petit, I333: - (Mel.) --
 MARCHICA, E. - Abh. B. I341 p. 415; Mg. pls. 6-If52a, b; 6-2f6; 9-If9a, b; I4f
 39: I3-2f2a, d, 3a: 39-If2: - (Mel. granulata, m., varians, decussata, var.)
 MARYLANDICA, E. - Mik. I356 p. 70:
 MESODON, E. - Mik. pl. IIfI3: (Melosira.) --
 MONILIFORMIS, Bory Diet.: E. Inf. p. I63-I0f5; Amer. pl. I-3f23, 24;
 A. J. S. I342 p. 39-2f3; Cole, Essex; (Mel. m. & nummuloides.)
 NILOTICA, E. - Mik. p. I92; Prit. p. 322;
 NOVAE-ZELLANDICA, E. - Mik. p. I2; Prit. p. 322;
 NUMMULOIDES, Bory, I324: E. Inf. p. I37-I0f3, 5; IIfI; 2IfI; Mik. pls.
 33A-If2: 33A-IIf, f4; Prit. I352 pl. I4fI4: 33A-If11, f1; I351;
 (Conferva monil.: -Fragilaria; -Mel. discigera, n. & salina.) -
 " var. eschschiana, Pant. - Det. S. p. I33I:
 " v. hyperborea, Gran. - Det. S. p. I332: - (Mel. arctica, Dickie.) ---
 OCULUS, E. - Abh. Ber. I344 p. 202; (Mel. o. & sol.)
 PILEATA, E. - Abh. B. I344 p. 202; Mg. pl. 35A-2IfII:
 PLANA, E. - A. Ber. I345 p. I54: (Melosira.)
 PLICATA, E. - Abh. B. I339 p. 49 pl. 2-2f23;
 PROLATA, E. - Abh. B. I342 p. 27 I: I371 pls. Ib, fI; I₂, f7; I₃, f12, f1a-c;
 I5B, f2; 33-IfI2; 33-2fI6; 34-7f4; 35B-2a, f4; 33A-I9fI; 39-If3, f;
 39-2f52, 3Ab, 7b, I2b, IIf, 3c, 1c, I0c: Weiss: I351, 273-IIfI7; A. J. S.
 I351, f4: Carp. I331 p. 363 fI92: (Mel. granulata.)
 PUNCTATA, E. - Abh. B. I343 p. 5; I371 p. 33; Prit. p. 322: (Mel.) --
 PUNCTICATA, E. - Abh. B. I342 p. 339; I370 pls. 2-2fI, 3; 3-If2, c; Mik. pls.
 33-I2f9b-i: 33-I5f3x: 12f96-i: 15f3f6 (Mel.)
 SOL, E. - A. Ber. I344 p. 202; Mik. pl. 35A-22fI2: (Mel.)
 SPHAEROPHORA, E. - Abh. Ber. I339 p. 49 pl. 2-2f22:
 SPIRALIS, E. - Abh. Ber. I343 p. 77; Mik. pl. 33-I2f22; Joly, Diat. Terr.:
 Atlas I3If67, 68: (Mel.) ---
 SUBTILIS, Breb. Cons. p. IO: - (Melosira tenuis.) -
 SULCATA, E. - Inf. p. I70-2If5; Amer. pls. I-IfI7; 3-7f9; Abh. B. I340 p. 72-3f5;
 I370 p. 26; Nora. p. -2f29; Mik. pls. I3fIa-c; 20-If23a-c; 20-2f27; 2If
 22a, d; 22fI3; 33-I4fI3; 33-I5fI5; 33-I6fI2, I2x: 33-I7fI0, I0x; 35A-
 I7fII, f2; 35A-I3f3; 35A-I9f2; 35A-20f9a, b; 33-2fI4; A. J. S. I341 pl.
 2f7; I353, p. I; Weiss: Gr. p. 305-2f39; I354 p. 24 I-IfII; Petit, Nimba;
 (Frag. trachea; -Melosira; -Paralia.)
 TAENIATA, E. - Mik. pl. 39-3f65: (Melosira.)

varians, E. - abh. B. 1836 p. 130: Ma. p. 33-36:
Mon. B. 1836 p. 55:

+ media,

„forma miocena, Br. - L. D. vol. 2, n.º 22, p. 237-19 f. 78:

- TENERRIMA, E. - Abh. Ber. 1342p. 271; 1371pls. Ia, f2; Ib, f7; Mik. pls. 15A, f4a, b; 35B-Ia, f4; 39-If5; 39-2f1 "Bb", 3Ac, 3a; (Mel. granulata.)
- TINCTA, E. - Mik. p. 70; Prit. p. 322;
- TERNATA, E. - Abh. Ber. 1339p. 49pl. 2f2I;
- TRACHEALIS, E. - Mik. pl. 3-2f13; (G. distans; -Mel.)
- TYMPANUM, E. - Abh. B. 1344p. 202; 1370pls. 2-2f4, 5; 3-If3, 7; (Mel.) ---
- UMBONATA, E. - A. Ber. 1372p. 194;
- UNDATA, E. - ; Prit. p. 322;
- UNDULATA, E. - Abh. B. 1340p. 17; 1370pl. 3-If1; Mik. pls. 11f2, 3; 12f9a; 15A, f3d; 15B, f3; (G. varians; -Mel. (Orthosira) u. & arenaria.)
- VAGINATA, E. - Mik. p. 140; Prit. p. 322;
- VARIANS, E. - Inf. p. 167-10f4; 2If2; Mik. pls. I-If14; 5-2f29a, b; 7-3a, f1a-d; 7-2f13; 7-3b, f15; 7-4f5; 7-5f3; 3-2f20; 3-3f2; 13-1f29a, b; 13-2f1a-f; 14f92; 16-2f41; 16-3f21; 34-6a, f4; 33A-9f5; Abh. B. 1339pl. 1 "i" f3; 1370pls. 2-If25; 3-If3; A. J. S. 1342p. 91-2f6; Belloc, Lichon; (G. undulata; -Mel. v. & siniflexilis; -Mel. & Orthosira arenaria.)
- VERMICULARIS, Breb. Alg. Ital. :-(Mel. arenaria.)
- VIRGINICA, E. - Mik. 1356p. 66;
- WESTII, W. S. - Bull. Soc. Moscou 1392; Det. Syll. p. 1332; (Lysigonium: -Melosira; -Orthosira.)
- WRIGHTII, O. M. - Det. Toni, Bull. Soc. Imp. Moscou, 1392, No. I: Det. S. p. 1332;

GEPHYRIA. ----- (Arnott, 1858) -

- CASTRACANEI, Fortm. - Ann. Bot. Buit. 1392p. 3-2f3;
- CONSTRICTA, Grev. - T. M. S. 1366p. 77-3f2; Woll. pl. 6If3; Det. S. p. 775;
- DYERANA, O. M. - J. L. S. 1377p. 59-If10; Det. Syll. p. 775;
- GIGANTEA, Grev. - T. M. S. 1366p. 122-11f7, 3; Cast. 1367p. 42-15f10; Brun. & T. p. 71; Woll. pl. 6If1, 2; Det. S. p. 775;
- INCURVATA, Arnott. - T. M. S. 1360p. 20; Prit. p. 309-4f50; Grun. 1362p. 429; Sm. Sp. 7. 175; J. Q. C. 1366p. 325; R. Z. f. Cap. Horn. Jn. J. 1858 p. 164; (Achnanthes costata; -Entopyla Australis & i.; -Euplenia.) -
- JAPONICA, Woll. pl. 34f15, 16;
- MEDIA, Arnott. - J. Q. M. S. 1360p. 20; Prit. p. 309-4f49; Grun. 1362p. 429; R. E. D. p. 303; Cl. & M. No. 133; Sm. Sp. 7. No. 662; M. T. P. I-6-10, 11; J. Q. C. 1365p. 163; Det. S. p. 775; Witt 1333p. 16-4f15-17; Malaisia; Woll. pl. 6If4, 5; -(Achnanthes angustata; -Euplenia; -Scapha clathrata.)
- TELEAIRIAE, Arn. - J. Q. M. S. 1360p. 20; Prit. p. 309; Grun. 1362p. 429; R. E. D. p. 303; Ann. Bot. Buit. 1392p. 7-If1a, b; Det. S. p. 775; (Euplenia.)
- J. Q. M. S. 1858 p. 164;

GIRODELLA. ----- (Gaillon, 1825) -

- COMOIDES, Gaillon. - Annales Sci. Nat. Vol. I, p. 313; Ag. Bot. Zeitung, 1825p. 594; (Schizonema Smithii, "b".)

GLOIODICTYON. --- (Agardh, 1830) -

- BLYTHII, Ag. Col. p. 23; W. Syll. p. 65; W. T. p. 119; -(Schizonema reticulata)

Glocotila, Kz. 1853?

ferruginea, Kz. Phyc. Germ. p. 191; K. S. a. p. 363:
(Guillonella: Meloria minutula)

Glyphodesmis.

distans, forma minor - V.H.S. p. 36 f 16:

+ Margaritacea, atlas 209 f 51-53;

Murayana, atlas 209 f 42, 43;

ARCUS, E. - Abh. Ber. 1356p. 333, f26:

GRACILE, E. - Mik. 1356p. 70:

HEUFLERI, Meneg. - K.B. p. 43: Men. A.N.D. p. 335; - (Diatoma Ehrenbergii.) ---

PARADOXUM, E. - Inf. p. 237; Mik. 1356A-713, 0; 35A-351: - (Ency.:-)

PYGMAEUM, E. - Mik. 1356p. 70:

SIGMOIDES, E. - Abh. Ber. 1345A. 74: (Ency. onema.)

SINEASE, E. - Abh. B. 1347p. 434; Mik. 1356A-713, 0; 35A-351: -

VIRGINIANUM, E. - Mik. 1356p. 70: (Ency. onema.)

GLOEONEMA. ----- Ag. 1825, p. 350:

APICULATUM, Grev. - Scottish Atlas p. 130: (Ency. onema.) ---

FUCICOLA, Bonnem Mss.; Ag. Cons. p. 31:

GLOBIFERUM, Ag. Cons. p. 31: (Ency. onema.) ---

LEIBLEINII, Ag. Cons. p. 31: (Ency. & Gloe. onema. paradoxum.) ---

PARADOXUM, Ag. Cons. p. 31: Syst. p. 10: Lync. pl. 70:

Lynchby, Hydr. Tent. p. 212, pl. 70: (Gloe. onema.) -

SIGMOIDEUM, E. - Mull. list: - (Endosigma, Pleurosigma & Collodina eximia.)

VERMICULARE, Ag. Cons. p. 31: (Ency. onema.)

GLYPHODESMIS. -- (Grev., 1862) -

-, Castr. 1337p. 44-19f10:

ADRIATICA, Castr. 1373p. 22, f3; Schm. N.D. p. -3fII, 12:

(Diademes & G. Williamsi.) -

CHALLENGERENSIS, Castr. 1337p. 44-13f13; Notar. 1339p. 333: Del. S. p. 715:

DISTANS, Grev. - (Grev.), V.H.S. pl. 36f15; 157 Woll. pl. 45f21, 22; Villef.

p. 34; Del. Syll. p. 715: (Denticula; -Dimerogramma.) ---

ELONGATA, Cl. & Gro. - LeD. Vol. 2p. 53-3f12-14; Del. S. p. 715;

EXTIMA, Grev. - Q.Q.M.S. 1332p. 235-10f7-10; R.E.D. p. 230; Cl. 1373p. 10:

Del. Syll. p. 715; Woll. 210f9-15

FUSIFORMIS, Cl. & Gro. - LeD. Vol. 2p. 57-3f13; Del. S. p. 717:

INTERSPIRALIS, Brun. - LeD. No. 12p. 175-24f10a, e:

+ MARGARITACEA, Castr. 1337p. 44-13f10; Notar. 1339p. 333: Del. S. p. 715:

MARGINATA, Gro. & St. - J.Q.C. 1336p. 323-13f3; Notar. 1337p. 347;

Del. Syll. p. 717:

+ MURRAYANA, Castr. 1337p. 43-13f12; Notar. 1339p. 333: Del. S. p. 715:

WILLIAMSONI, W.S. - (Grev.), V.H.S. pl. 36f14; Woll. pl. 45f23, 24;

Del. Syll. p. 715: (Diademes; -Dimerogramma; -G. Adriatica; -

Himantidium: -Heteromphala (Plagiogramma) himantidium & Loeyii.) -

GLYPHODISCUS. -- (Grev., 1862). -

BIPUNCTATUS, A.S., Atlas 149f15; Del. Syll. p. 1035;

GRUNOWII, A.S., Atlas 32f6; Woll. pl. 73f10: (G. stellatus, v.) ---

v. lacunosa, Temp. - LeD. Vol. 2p. 70-11f5: (G. stellatus, v.)

OAMARUENSIS, Grev. - Atlas 125f20: - (Debya & Rattrayella.)

SCINTILLANS, A.S., Atlas 30f7; J.Q.C. 1337p. 10: (Rattrayella Jam.) ---

SIMBIRSKIANUS, Grev., Atlas 125f13, 19: - (Debya & Rattrayella Jam.) -

Gomphonitis.

Cantabrigia Br. & Har. - Atlas 216 f 1, 2. - (Gomphonema.)

perculeana, v. septiceps, A.S., Atlas 215 f 13, 14.

† ^{dia:}
abbreviatum

" v. Brasiliense, Gn. - V.H.S. pl. 25 f 17. - (Gom. Br.)

STELLATUS, Grev., T.M.S. 1362p. 91-9f5; R.E.D. p. 319; Atlas pls. 30f1-4; 117f11; 149f14; J.Q.C. 1337p. 10: Wille pl. 73f3, 9: Del. S. p. 1034:
 (Var. Grunowii, De Toni, Syll. p. 1035: (G. Grunowii.) --
 v. major, Grun. - V.H.S. pl. 113f3: Del. S. p. 1035;
 STRIGILLATUS, A.S., Atlas 149f16: Del. Syll. p. 1035.

GOMPHOGRAMMA. -- (Braun, 1841-)

RUPESTRE, Braun. - Rabh. S.D. p. 33, pl. 9; R. Alg. Nos. 324, 1245; A.M.N.H. 1357p. 12-1f17; Prit. p. 306-4f46; R.E.D. p. 116, f31; Schum. H. 1. p. 56-1f11; Sm. Sp. T. 174; M.T.P. 2-1-2:
 (Denticula thermalis, v.: -Tetracyclus Braunii & r.)

GOMPHONEIS. ---- (Cleve, 1893.)

ELEGANS, Cleve Nav., p. 73: (Grun.) Atlas 215f11-13: (Gomphonema.) --
 HERCULEAN, E. - Cl. Nav. p. 73: Atlas 215f10, 11:
 v. clavata, Cl. Nav., p. 74: Atlas 215f4-9:
 v. robusta, Grun. - Cl. Nav. p. 74: Atlas 215f11: (Gomphonema H., var. r.) --
 MAMILLA, E. - Cl. Nav. p. 73: (Gomphonema H. & Grunow, v. maxima; -Gomphonema H.)
 Atlas 215f1-3:

GOMPHONELLA. --- (Rabh., 1853.)

ANGUSTA, Rabh. S.D. p. 61-9f2: (Gomphonema olivaceum.) --
 LENORMANDII, Rabh. S.D. p. 61-9f3: (Gomphonema; -Sphenella.) --
 OLIVACEA, E. - Rabh. S.D. p. 61-9f1; R. Alg. Nos. 232, 1035; Gallia, Papat;
 R.E.D. p. 291, 172: (Echinella; -Exilaria minutissima; -Gomphonema.) --
 PARVULA, Rabh. S.D. p. 61-3f7: (Gomphonema; -Sphenella.)

GOMPHONEMA. ---- (Agardh, 1824.)

-, A.J.S. July, 1842p. 5-3f5, 7: { L.E.D. Vol. 2, No. 21p. 172-10f12; -, Pfitzer p. 33:
 -, A.M.N.H. 1357p. 344-22(2)f1: { 11f1-5, 8-13, 15, 16; -, Tanarek 1379p. 39:
 -, E., Abh. Ber. 1370pl. 2-1f43a, b: { 12f6: -p. 13. - -, pl. 2-2f7:
 -, Meneg. A.N.D. p. 412: { 12f6: -p. 13. - Petit Class., f4:
 -, T.M.S. 1377pl. 137f4; { Moscow, Russ. -, E., Mik. pl. 33A-15f9:
 -, Williamson p. 13-1f13, 14; { D. p. 129-B, f9: De Toni, Oss. Bac. p. 339:
 -, Kirchner Alg. Schliesens p. 191: -, Del. Syll. p. 419:
 ABBREVIATUM, Ag. Cons. p. 34; Leiblein Regensburg Flora Vol. 1p. 324, f6:
 K. Syn. p. 44; K.B. p. 34-3f6; K.S.A. p. 64; R.S.D. p. 53-3f20; R. Alg. No. 75:
 Marissal; Prit. p. 339; R.E.D. p. 235; Brun Alp p. 33-3f13; Gallia, Papat;
 V.H.S. pl. 25f16; Hoffmann, Marburg; Lagr. 1334p. 40; Spaner, Duren; Cl.
 139Ip. 50; Navic. p. 139; Grun. 1373p. 13; Del. Syll. p. 431; Herib. p. 31;
 (G. Brasiliense, minutissimum, pachycladium; -Echinella crenulata & a.:
 Liemophora a. & minuta: Gomph. brev.; -
 var. "a" brevipes, K.B. p. 34-3f5;
 var. "b" longipes, K.B. p. 35-3f5a; 14f1, 2, 4(2a-c); Prit. p. 339:
 R.E.D. p. 235; Brun Alp. p. 33-3f17; Malaisie: (G. minutum.)
 v. sphenelloides, Rabh. E.D. p. 235: (G. sphen.)

Acuminatum, E. - a. Cl. 1895 p. 22: Mon. 1896 p. 56:

Acuminatum, E. - a. Cl. 1895 p. 22:

+ " v. ~~pro~~ bissoni, V.H.S. pl. 23 f 23, 24:

" " " forma constricta, V.H.S. pl. 23 f 25, 26:

+ var. coronata, Tolsta p. 431: a. Cl. 1895 p. 22: Cl. Nov. p. 184:

var. elongata, V.H.S. a. Cl. 1895 p. 22: V.H.S. pl. 23 f 22:

> forma hastata, a. Cl. 1895 p. 22-1 f 17:

+ var. laticeps, Tolsta p. 431

ACUMINATUM, L. - Inf. p. 217-1314; M. p. 13.4-2f41; 3-1334; 14074a, b; 11A, f37a, b; 133, f34b; 15-2f43; 15-3f34; 17-1f92; 17-2f34; 34-12f, 110a-g; 37-1f11; Beith. 1339p.7M; A.J.S. 1312p.5-3f3; Mass. Alg. p. 422-9911; K. B. p. 35-1311(7); K.S.A. p. 35; R.S. p. 35-3f13; R. Alg. Nos. 322, 1332; M. J. 1354p.99-4f13; Desmaz. ed. I, No. 1433; 2, No. 1033; Cole, 283x; Mill; Marissal; Prit. 1352pl. 15f23; S.B.D. p. 79-23f233; Prit. p. 337-13123; Herib. p. 95; Schum. H.T. p. 40; Alting Bach; Carr. p. 103; Eil. p. 1. No. 47; Roper, Thames; Hill; Kirch. Alg. Schl. p. 192; Cl. 1337. 230; 1341. 43; Nav. p. 134; K. & Z. p. 14-1f17; Socotra; Prollis p. 53; M.T.P. 2-3-4, 5, 6; Macdonald pl. 10f22; Kinnora; Nylander, W.: Grun. 1373p. II: Malaisia; Sm. Sp. T. 175; Petit & Leud.; liste p. 17; 1333pl. 4f2; Lake Michigan; Lagr. 1373p. 40; Atlas 72f10; Hoffmann, Marburg; Brun Alp. p. 39-3f4; V. H.S. p. 124-23f16; Carr. p. 22; Parag. p. 54; Gerling pl. 1f3; Del. Syll. p. 423; Bellin, Lichon p. 44-1f17; Herib. p. 53; 776-2-1-1f16 (G. clavus, Americanum, appenninicum, Brebissoni, minimum);

- * forma Brebissoni, K.-Cl. Nav. p. 134: -(G. Breb.: -G. acum., p. p.) -
  - * forma coronata, Cl. Nav. p. 134; (G. acuminat., p. p., & var. laticeps.)
  - * var. "b" coronata, W.S., S.B.D. p. 79-23f233b; Braemar; R. Alg. 353; S. G. 1337. 131f191; Carr. p. 103; R.E.D. p. 290; Petit liste p. 17; Kirch. Alg. Schl. p. 192; Tanarek 1379p. 40f11a, 19a; V.H.S. p. 124-23f15; Parag. p. 54; Wille 23f20; Del. S. p. 424; Herib. p. 54: -(G. appenninicum & e.)
  - * var. "g" nasutum, Schum. 1362p. -9f23: (G. nas.) -
  - * var. "d" elongat~~us~~, Carruthers p. 103; R.E.D. p. 290; Petit liste p. 17; Cl. Nav. p. 134: (G. Brebissoni, p. p., & e.) -
  - * v. capitata, Carr. p. 103; S.G. 1337p. 131, f192: (G. cap.)
  - * v. clavus, E.-V.H.S. pl. 23f20; Herib. p. 54: (G. clavus; -G. acum., & forma Breb.)
  - * v. constricta, Carruthers p. 103:
  - * v. cuneata, Carruthers p. 103;
  - * v. intermedia, Grun.-V.H.S. pl. 23f21: Lake Michigan; Wille pl. 23f27; Herib. p. 54: (G. acuminatum, "g".) -
  - * v. laticeps, V.H.S. pl. 23f17; Wille pl. 23f22, 23; Herib. p. 54: A.M.M.J. 1391pl. 1f9: -(G. lat.: -G. acum., forma coronata.)
  - * v. linearis, Carr. p. 103:
  - * v. montanum, Schum. H.T. p. 37-3f35: (G. mont.)
  - * v. mustela, Nylander, W., "Fenniae.")
  - * v. pusilla, Grun.-V.H.S. pl. 23f19; Herib. p. 54; Cl. Nav. p. 134;
  - * v. sceptrum, Rabh. E.D. p. 290; Kirch. Alg. Schl. p. 192; Del. Syll. p. 425: (Gomph. s.) -
  - * v. semiapertum, Grun.-Del. Syll. p. 424: (G. sem.) -
  - * v. submontana, Gutwinski Mat. Flor. Galicyi 1390p. 23-1f23; Del. S. p. 424: (G. subclavatum, var. m.)
  - * v. trigonocephala, Schum. 1362p. 173; V.H.S. pl. 23f13; Wille pl. 23f21; Parag. p. 54; Herib. p. 54; Cl. Nav. p. 134: (G. tri.)
  - * v. turris, E.-Cl. Nav. p. 134: (Gomph. turris.)
- AEQUALIS, Greg.-M.J. 1356p. 12-1f41; R. Alg. Eur. 1033 sub; S.B.D. 2p. 104; Prit. p. 391; Carr. p. 103; New Zealand; V.H.S. pl. 25f3; (G. angustatum, v.; -G. sarcophagus, var., & turris.)

+ aff. 1

forma major, T.H.S. vol. 24 f10:

+ angustatum, Cl. Star. p. 181: 1895 p. 21:

> "V. Laponier, A. Cl. 1895 p. 21-1 f. 20, 21;

Requies, 1895 p. 155:

AESTUARII, Cl. Navic. p. 133; LeD. No. 15 p. 55-3f4;

ARRINE, K. B. p. 30-30f74; K. S. A. p. 33; R. S. O. p. 30-3f11; Prit. p. 391; Cl.

1331; 10: Socotra; Gallik, Papan; Petit, 1333; V. H. S. pl. 24f13-⁹; 1341.
p. 30: (G. dichotomum, gracile, lanceolatum.)---

AMERICANUM, E. -Abh. Ber. 1340 p. 217; Mg. pls. 2-2f30; 3-3f13; 4-2f11; 5-3f13-3f14.

19; 9-1f35; 15A, f37a, b; 16-3f33; 17-1f52; 35A-7f11; 5-1f36; K. B. p.

33; K. S. A. p. 33; Prit. p. 337; Schum. H. 1. p. 37; 1364 p. 20-2f13; R. E. O. p.

293; Gallik, Papan; Wille pl. 23f22, 23: (G. acuminatum.)

AMPULLACEUM, Grev. -Hooker's Brit. Fl. Vol. 2, p. 410; M. J. 1349 p. 150:

(G. geminatum.)

ANGLICUM, E. -Amer. p. 127 pl. 3-1f32; Mg. pls. 15A, 13; 15B, 13b; K. B. p. 37-

30f32; K. S. A. p. 33; R. S. O. p. 30-3f2; Prit. p. 338: Amazon: (G. capitatum.)

ANGUSTIATUM, K. -R. E. O. p. 233; Cl. Nares; 1331 pp. 6, 10; Vega p. 491; 1391 p.

50; Nav. p. 131; Dannf. p. 23; V. H. S. p. 126-24f49, 50; T. No. 215; Perag. p.

54; Del. Syll. p. 429; Herib. p. 30: (G. angustum, commune, obtus-

atum, sarcophagus, intricatum, var.: -Sphenella; -G. & Sphen. naviculoides

v. angustissima, H. V. H. S. pl. 24f51;

v. aequalis, Greg. -Cl. Nav. p. 131:

(Gomph. ae.)

v. intermedia, H. V. H. S. pl. 24f47; Herib. p. 30: ~~cf. a. n. p. 1331~~

(G. parvulum, v. micropus, & Gomph. int.)--

v. obtusata, K. -Cl. Nav. p. 131: V. H. S. 24f43-45:

(G. obt.; -Sphenella o., naviculoides & vulgaris.)

v. producta, Grun. -V. H. S. pl. 24f52-55; T. No. 217; Herib. p. 30;

Cl. Nav. p. 131: 1895 p. 21:

(G. commune.)--

v. sarcophagus, Greg. -Cl. Nav. p. 131: V. H. S. 25f2, 7, 116: (G. lagenula & s.)---

v. subaequalis, Grun. -V. H. S. pl. 24f11; 1310 p. 30; Cl. Nav. p. 131:

v. undulata, Grun. -Cl. Navic. p. 131:

ANGUSTUM, Ag. Cons. p. 33; Leibl. Regensb. Fl. I, p. 326, f7; K. Syn. p. 36; K.

B. p. 34-7f14; K. S. A. p. 33; Marissal; Schum. 1364 p. 19-2f17; Gallik, Papan;

V. H. S. pl. 25f25: (Gomphonella; -G. gracile, var., & olivaceum, v.)---

ANOMALUM, H. L. Sm. -Q. J. M. S. 1360 p. 33;

ANTARCTICUM, O'M. -J. L. S. 1377 p. 56-1f3; Del. S. p. 432:

APICATUM, E. -Abh. 2. 1341 p. 413; 1391 pls. 1c, 113; Mg. pls. 2-2f13; 9-1f11;

Grun. 1363 p. 23; Cl. 1391 p. 48-3f20, 21; Nav. p. 135; -(G. cristatum & turris).

APICULATUM, E. -Amer. pl. 2-1f33; Mg. pl. 4-2f39; Rabh. Bac. Exs. 39; Prit. p.

339-12f23, 30; R. E. O. p. 213: (G. & 12.)

var. "b", E. -Mik. pl. 2-2f43; Prit. p. 339:

APPENDICULATUM, Perty Kl. Leb. p. 204-17f12: -(G. acuminatum v. coronata.)---

ARCTICUM, Grun. 1364 p. 50-1f12; Cl. Vega p. 463; V. H. S. pl. 25f30;

Del. Syll. p. 435: (G. exiguum, var. A.)-

ARGENTESCENS, Ag. -K. Syn. p. 45; Linnea 1344 p. 571:

(Echinella & Liemophora flabellata; -Liem. arg.: -Meridion radians.)

ASYMMETRICUM, Gutwinski Mat. Fl. Galicyi 1390 p. 23-1f24; Notar. 1390 p.

190; Del. Syll. p. 430; -(Cymbella sinuata.)

AUGUR, E. -Abh. B. 1340 p. 17; Amer. pls. 2-1f33; 3-4f13; Mg. pls. 9-1f40; 15A,

f92a, b; 15B, f35; 35A-3f2; 33A-17f20; K. B. p. 37-29f74; K. S. A. p. 37; R.

S. O. p. 30-3f19d; Prit. p. 339; Grun. 1363 p. 22; R. E. O. p. 230; Schum. 4. 1. p.

66; Nylander, W.: New Zealand; Grun. 1373 p. 12; V. H. S. p. 124-23f29; 1.

- No. 208; Perag. p. 54; Hoffmann, Marburg; Wille pl. 23f 17, 18; Cl. 189 1p. 48; Nav. p. 135; Del. Syll. p. 424; Herib. p. 54;
(*G. apiculatum*, p. p. *acristatum*, Ehrenbergii, *rostratum*, & *Saxonicum*: - *Sphenella* append.)
" *v. Gautieri*, H. V. H. S. p. 124-23f 28; Del. S. p. 425; Herib. p. 54: - (*G. anglic.*)
" *v. nasutum*, Rabh. E. O. p. 290: (Gomph. n.)
AURITUM, Braun.-K. S. A. p. 33; R. S. O. p. 59-3f 3; Prit. p. 391: V. H. S. pl. 24f 15, 18; Hoffmann, Marburg; Herib. p. 53: - (*G. dichotomum*, *v.*, & *gracile*, *v.*) --
AUSTRALIENSE, Grun.-Cl. & M. No. 254: (G. hyalinum, *v.*)
BACILLUM, E.-Mik. pl. 37-1f 14;
BALTICUM, Cl. 1863p. 231-4f 10-16; Cl. & M. 41; Sm. Sp. T. 333; A. J. M. 1877p. 151; 1873p. 104; Grun. 1873p. 10; Dannf. p. 23; V. H. S. pl. 23f 24; T. No. 222; Del. S. p. 432: (G. olivaceum, *v.* ? - *Rhipidophora tubercul.*) --
BENGALENSE, Grun.-V. H. S. pl. 24f 37, 38; Del. S. p. 430: - (*G. lanceolatum*, *v.*) ---
BERGGRENII, Cleve Nav. p. 135-5f 3, 7;
BERKELEYII, Grev.-Hooker's British Flora Vol. 2, p. 409; A. M. N. H. 1843p. 464-13f 3; Hass. Alg. p. 423-100f 2: (G. olivaceum.)
CHLORITATUM, O'M.-J. L. S. 1877p. 53-1f 1; Del. Syll. p. 42;
BRASILIENSE, Grun. 1873p. 13; Del. S. p. 431; Cl. Nav. p. 139: (G. abbreviatum, *v.*)
" *v. Demararae*, Grun. 1873p. 13; Del. S. p. 432; Cl. Nav. p. 139;
BREBISSONI, K. S. A. p. 36; R. S. O. p. 30; J. R. M. S. 1854p. 97-4f 13; A. M. N. H. 1855p. 6-1f 3; Prit. p. 337; Sm. Sp. T. 173: Kinnora; Perag. p. 54; Hoffmann, Marburg; Herib. p. 53; Spamer, Duren; (G. acuminatum, dichotomum, elongatum & subclavatum, *v.*)
BREVIPIES, K. Syn. p. 40-3f 47; - (*Echinella*, G. & *Podosphaeria abbreviatum*.)
CALCAREUM, Cl. 1863p. 231-4f 7-9; Cl. & M. 42; O'M. Kerg.; A. J. M. 1877p. 151; 1873p. 104; Sm. Sp. T. 334; Grun. 1873p. 10; Hoffmann, Marburg; Del. S. p. 432; Spamer, Duren: (G. olivaceum, var., & subclavatum.) ---
" *v. minor*, Grun. 1873p. 10;
" *v. subconstricta*, Grun. 1873p. 10;
CANTALICUM, Br. & H.-Herib. p. 219-3f 11; Cl. Nav. p. 139: - (*Gomph.*)
" *v. costalonga*, Br. & H.-Herib. p. 219-3f 13; Cl. Nav. p. 190;
" *forma major*, Br. & H.-Herib. p. 219-3f 12; Cl. Nav. p. 190;
CAPITATUM, E.-Int. p. 217-13f 11; Mik. pl. 9-1f 3; 13A, 13B; 13-3f 37; 17-1f 51; K. B. p. 33-13f 12; 21f 13; K. S. A. p. 33; R. S. O. p. 30-3f 17; R. Alg. E. No. 452; R. Bac. Exs. No. 36; R. E. O. p. 233; S. B. O. p. 30-23f 237; A. M. N. H. 1855p. 5-1f 2; Marissal; Braemar; Mull: Prit. p. 337; Sur. Jap. p. 17-21f 29; Kirch. Alg. Schl. p. 193; Bleisch, 1863; Schum. H. T. p. 37; Weisse 1864p. 631-4f 43; Roper, Thames; Hull; Nylander, w.: Prollius p. 54; Petit & Lema; 1883; Pet. Nimrod; liste p. 17; M. T. P. 5-1-7; Hoffmann, Marburg; Sm. Sp. T. 177; Gallix, Papan; Brun Alp. p. 37-3f 19; Lake Michigan; Spamer, Duren; Perag. p. 54; Belloe, Lachon; Stross Kleiken p. 12-1f 19; Wille pls. 22f 19; 23f 3, 7; 23f 16, 20, 21; Del. Syll. p. 422; Herib. p. 53: (Gomph. anglicum, italicum, persicum, turgidum, ventricosum, & constrictum, *v.*)
" var. "b" curta, S. B. O. 2p. 99; A. M. N. H. 1855p. 5-1f 2b; K. B. p. 33-13f 1, 4; Braemar: Herib. p. 53;

Question 2: What is the probability that a randomly selected member of the population is a member of the population?

Answer: The probability is 1/100 (1%).

Cygnus, v. *longiceps*, E. - *Brun alp.* p. 371 - (*G. longiceps*)

Dichotomum, W.S. - V.H.S. 24 f 19-21 p. 125: *Var. sessilis*, (see *Heck*)

" var. *sessilis*, *Brun alp.* p. 37-6 f 2: - (*F. pulvinatum*) -

- CRASSUM, Rabh. S.D. p. 59-10f I3; Prit. p. 391; R.E.D. p. 293; Det. S. p. 435;
 CRISTATUM, Ralfs. -A.M.N.H. Vol. 12, 1845, p. -13f6; Nass. Alg. p. 423-100f I;
 S.B.D. Ip. 79-23f 240; Front.: R.S.D. p. 59-3f I9; Prit. p. 333; Carr. p. 104;
 131f. p. 95-5f I7; New Zealand; Roper, Thames; Amazon; Brebisson, 1863 Cl.
 1363p. 231; Sm. Sp. T. 173; Petit liste p. 17; Belloc, Luchon; Hoffmann,
 Marburg; Gallik, Papan; Kirch. Alg. Schl. p. 192; Spamer, Duren; Malaisie;
 Wolle pl. 27f 3, II: (G. aurum & nasutum; -Sphenella appendiculatum.) ----
 * var. turgida, Petit, 1333p. :
 CURVATUM, K. Syn. p. 39-4f 51; Linnaea 1333p. 567-4f 51; K.B. p. 35-3f 3; 9f 3;
 K.S.A. p. 64; R.S.D. p. 59-3f I8; Prit. 1352pl. 16f II; Mont. Fl. Alg. p. 190; R.
 E.D. p. 112; S.B.D. Ip. 31-29f 245; Weisse 1330p. 359-3f 51; 1364p. 107-1f I7;
 Prit. p. 333-II f 9-12; 13f II; Bleisch, 1363; Roper, Thames; New Zealand;
 Carr. p. 104; Mull; Grun. Foss. p. II-1f 25; Prollius p. 53; Petit, Cassel;
 Sm. Sp. T. 667; Hoffmann, Marburg; Spamer, Duren;
 (Exilaria rubiginosa; -G. minutissimum; -Rhoicosphaenia.) -
 * var. "a" aquaticum, K.B. p. 35-3f 2; K.S.A. p. 64; Prit. p. 333; -(G. curvatum)
 * var. "b" salinum, K.B. p. 35-3f I; K.S.A. p. 64;
 * var. "g" marinum, K.B. p. 35-9f 3; K.S.A. p. 64; Prit. p. 333: (G. mar.)
 * var. flabellata, K.S.A. p. 65:
 * v. pulvinata, K.S.A. p. 64;
 CURVIROSTRUM, Brun & Tem. p. 33-9f 4; Det. Syll. p. 421;
 CUSPIDATUM, Rabh. S.D. p. 59-3f 22; Prit. p. 391; R.E.D. p. 292;
 CYGNUS, L. -Am. p. 123; W. pl. 5-3f 33; K.B. p. 37; K.S.A. p. 67; R.S.D. p. 59;
 Prit. p. 390; Schum. 1331p. 137-9f 26; 1367p. 55; R.E.D. p. 235; Brun Alp. p.
 37-6f 7; Petit & Leud.; Kinnora; Stross Kl. p. 12-1f 7; Det. S. p. 427;
 H. 10. p. 60:
 (G. intricatum, v. vibrio; -G. subclavatum; -Sphenella rostellata, "b".)
 CYMBELLA, Brun 139Ip. 23-19f 2; Cl. Nav. p. 183;
 DICHOTOMUM, K. Syn. p. 44-3f 43; Linnaea 1333p. 569-3f 43; K.B. p. 35-3f 11; K.
 S.A. p. 65; Breb. Cons.; A.M.N.H. 1343p. 463-13f 7; Nass. Alg. p. 423-99f 2; S.
 B.D. Ip. 79-23f 240; Front.; Braemar; Mull; R. Alg. Eur. 1264; R.D. Ex. 235;
 R.E.D. p. 235; Prit. p. 390; New Zealand; Roper, Thames; Arenig Bach; K.
 & Z. p. 16-2f I; Carr. p. 103; Grun. 1365p. 10; 1373p. 10 & 103; Nylander, w.:
 Amazon; Prollius p. 53-1f I-16, 19; 2f I2; M.T.P. 3-2-9; Kinnora; Petit &
 Leud.; liste p. 17; Brun Alp. p. 36-6f 3; V.H.S. pl. 24f 19-21; Lake Mich.
 Perag. p. 54; Belloc, Luchon; J.L.S. 1334p. 245; Malaisie; Det. S. p. 426;
 (G. Brebissoni, fragile, ~~v.~~-intricatum, v.: -
 * var. "b" sessilis, K.B. p. 36-13f I(6); S.B.D. Ip. 79-23f 240b; R.E.D. p.
 236; Wolle pl. 26f 16, 17; Det. Syll. p. 426; Andrisson 1863 p. 398 & 14;
 (Exilaria truncata; -G. Brebissoni & subclavatum.)
 * v. aurita, Rabh. E.D. p. 236: (G. fragile & a.) ---
 * v. affinis, Grun. 1365p. 10; R.E.D. p. 236: (Gom. a.) ---
 * v. pulvinata, Braun. -Det. Syll. p. 427: (G. pulv.) -
 * v. trigibba, Moller T.P. 3-I-10:
 DIGITATUM, K.B. p. 64-2f 12(2); K.S.A. p. 66; Prit. p. 391; -(G. Brebissoni & v. a.)
 DISCOLOR, L. -Beitrag 1331p. 63; Inf. p. 213-13f 3; R.S.D. p. 59-3f 11; R.E.
 D. p. 293; Spamer, Duren: (G. clavatum & olivaceum.) ----
 DUBRAVICENSE, Pant. 3p. -20f 294, 296: -(G. ventricosum, v. ornata.) ---
 2222 216524 235

Eriense,

|| var. *rostrata*, *As.*, *Atlas* 216 f 15-18:

+ *exiguum*, *K.* - *Det. J. p.* 431:

+ " v. *pachycladia*, *Westrup* 1897 p. 319

Geminatum,

|| s. *Sibirica* = *D. dynasterea*

+

gracile, Cl.

1899, 211 Form 5 (212, 13, 14, 15)

" forma parva, V.H.S. pl. 24 f 14:

Greenlandica, Orskov, - Atlas 213 f 40-41 (F. Kant, 1899)

Groovei, A.S., Atlas, 214 f 13-18:

longe,

" forma major, V.H.S. pl. 24 f 39:

" " minor, V.H.S. pl. 24 f 40, 41:

GLACIALE, Rabh.E.O.p.282; Brun Alp.p.34-3f14; Belloc,Lichen; Perag.
p.54; DeT.Syll.p.434: (Sphenella g.)-

GLANS, E.-Am. 1.1.123: Min. 1.1.4-2137; 1-2137; P. 3.1.37; P. 6.1.1.37;
Prit.p.839: Det.Syll.p.436; 6-2717: (Diomphala.)---

GLOBIFERUM, E. - Mik. p. 259;

GRACILE, E. - Inf. p. 217-13f3; Amer. pls. I-If27; 2-If39; 3-If35; Mik. pls.

1-3f21b; 2-3f30; 4-1f25; 4-3f26; 6-1f38a-c; 7-3b, f11, 12; 8-2f14a-c;
9-1f36, 39; 11f13a-c, 19a, b; 12f5, 6; 15-A, f39a-c; 15-B, f36; 16-1f39a, b;
16-2f45; 16-3f35; 17-2f33, 40; 33-10f15; 35A-2f13; 35A-4f4; 35A-6f6;
37-2f8; 38A-20f4b; 39-1f33, 34; 39-3f67, 68; Abh. B. 1839 pl. 1a, f20; 1870,
pl. 1a, 13; A. S. S. 1351, f13-18; R. S. S. p. 39-3f26; Schmid. A. T. . . . .
1857 p. . . . . 1f13a; Ebert, Cassel; Carp. 1331 p. 300, f192 a-b; Gallm. Papen;
V. R. S. p. 125-24f12; T. M. 212; Bouffan, Varou; Wollf pl. 2710, 7; Cl.
1891 p. 49; Nav. p. 132; Spamer, Duren; J. L. S. 1834 p. 245; Petit, 1833: Det.
S. p. 420; Stroze Kl. p. 12-1f10; > 6m. 72-2f44: - (Exilaria truncata; -
G. affine, argentea, alutacea; - G. andersonii, v. - Podocarpus andersonii.)

"var." a, E.-Mik. pl. 7-3a, f29d:

" var. "b" longicollis, E.-Mik. pl. 7-3a, f28a-ε:

v. aurita, Brann. - V.H.S. p. 125; T.No. 212 sub; Cl. Nov. p. 132;

(G. angustum, p. p., & a.) -

v. clavata, E.-Mik. pl. I 7-1157a, b; (G. clav.)

v. cyathelloides, Griseb.-Cl. Nav. p. 102; *il.*, *il.*, *il.*, *il.*

v. dichotoma, W.S. - Cl. Nav. p. 132; 1895/3

(Gomph.d., Hebridense, tenellum & vibrio.)-

v. gracillima, Schum. 1367 p. 55-If 13b: (G. intricata, v. pumila.) -

v. lanceolata, K.-Cl. Nav. p. 153; (G. turris, v. apiculata.) - -

v. longiceps, E.-Mik. pls. I-3f36, 39; 3-1f17; 3-2f13; 3-4f23; 4-2f33; 4-3f27a, b; 5-1f37; 7-1f17; 7-1f72; 7-1f89; 10-1f11.

273-If10a,b; Gran.1873p.9; Cl.Vega p.49I; I33Ip.10;

V. Major, 11.11. - 11.12.1956; (C. 13.11.1956, 1.1.1957) --

v. naviculoides, S.B.C. pl. 98; V.H.S. pl. 24f13; col. 1895b (G. nav.)--

HERBIDIENS, GLEZ.-M.S.I351.99-4619; S.B.C.21.104; P.10.1.395; Z.1.1.7.
p.233; Amazon; Carr.p.103; Kinnora; Malaisie; Herib.p.61:

(G. gracile, v. major, & vibrio.)

HERCULEANUM, E.-Abh. Ber. 1345p.73; Mik. pls. 35A-7f 12, 13; 37-2f9; Prit. 1. 390; R.E.D. p.293; Grun. 1373p.II; M.T.P. 3-I-13; Sm.Sp. 1.177; V. a. S. pl. 23f2; T.No. 203; Lake Michigan; Det. Syll. p.420;

(Gomphoneis; -G. capitatum & geminatum.) -

v. Oregonica, E.-Det. Syll. p. 420: (Gomph. l. o.)

V. robusta, Grun. 1873, p. 12-3f3; - (G. rob.: - Goryboreis H., var. 1.) -

HUNGARICUM, Pant. 3pL. -2f23; (G. intricatum, v. v10110.) -

THEORY, 7800.8.0.1.79-322; PRACT., 300; DEF., 4.4.0.1.

HYALINOM, 1910.4.95-3113; R.L.S.4.237; G.N.13731.15; (G. 3x1, 4mm.) - -

INFLUXUM, Breb. Cons. p. 21; Det. Syll. p. 433;

INSIGNE, Greg.-M.J.1356p.12-1f39; S.B.C.2p.100; Prit.f.391; R.E.C.f.
284; Carr.p.103; Hull; Malaisie; Grun.1373f.107; Petit & Lend.; P.
liste p.17; Kinnora; ; Del.S.p.423; Merib.f.59;

(Gomph. glans, var.) -

INSULARE, E. - Mik. p. 12; Brit. p. 892; R.E.D. p. 293; Det. Syll. 1.435.

+ Kantschaticum, Atlas 213 f 46-51:

" var. ovalis, Oestrup, 1897 p. 316-2 f 1:

" " Groenlandica, Oestr. Mar. D. pl. 3 f 11: 1897 p. 317: -(G. Groenlandicum.)

" " dimidiata, A.S., Atlas 213 f 45:

" var., A.S., Atlas 213 f 44:

7 Lagerheimii, A. Cl. 1895 p. 22 - 1 f 151

micropus,

" forma major, V.H.S. pl. 25 f 4:

mistela, Petit, Cap Horn:

233: Grun. I373p. IO: Del. Syll. p. 425;

(G. gracile, v.: -G. subclavatum, l. l.: -G. longicollis & mustela: *G. mustela*)

* v. clavata, Grun. I373p. IO: (G. subclav.)

LONGICOLLE, E. -Ahl. p. I341. 321; Mg. pls. I. 1117; 39-3139; Prit. p. 392:

E. D. p. 293; Del. S. p. 435: *G. longicollis*, var., & *G. longicollis*.

MANMILLA, E. -Mik. p. 332-211; Moh. 3. I370. 55; Prit. p. 390: R. E. D. p. 293;

V. H. S. p. 125f I: Wollé, 23f3; -(Gomphoneis; -G. teretissimum, v. D. p. 392.)

MARGARITACEUM, E. -Mik. p. 332: Prit. p. 392; R. E. D. p. 293; Del. S. p. 435;

MARINUM, S. 3. D. I. p. 31-291245; Jan. & R. p. 3-411; Jan. Gr. p. 23; Carr. p.

IO4; Hull; Roper, Thames; Eul. Sp. 1. 49; N. & R. S. p. 67; Sm. Sp. 1. 333;

(G. & *Rhoicosphaenia curvata*, var.)

MAXIMUM, Grun. -V. H. S. p. 123f3; Wollé pl. 26f3, 9:

(Gomphoneis mammilla; -

MEXICANUM, Grun. -V. H. S. p. 124f3; Wollé pl. 27f12; Del. S. p. 430:

(G. commutatum, var.)

MINOR, K. 3. p. 34-3112; K. S. A. p. 63; R. S. p. 53-313; A. M. N. 4. Vol. 20,

pl. 22f "D": R. Alg. Eur. 562; Prit. p. 392: V. H. S. p. 125-24f26; T. 213; Del.

Syll. p. 423; V. H. S. p. 124f4; Hoffmann, Harburg; Späher, Jena; 1810. p.

57: *Arabisone* 1862p. 370, 1117. (G. parvulum, v.: -G. tenuissimum.)

* v. exilis, Grun. -V. H. S. p. 125f3: (G. parvulum, v.)

* v. minor, Grun. -V. H. S. p. 125f5; T. No. 219; Herib. p. 57;

MINUTISSIMUM, Grev. -Scott. Fl. p. 224-244f I: Linnea I333p. : K. Syn. p.

39-3f43; K. B. p. 84-3f11; K. S. A. p. 63; K. Alg. No. 73; E. Inf. p. 217-13f5;

Amer. pl. I. If4; Mg. pls. I. If9; 14f73; 13f31; 33-14f14; 35A-12f5; 35A-

12a, f5; 35A-23f10; A. 3. 9. I341. 5-314; Prit. I352. 1. 1419-12, 17; 1311.

391-IIIf7; Carr. p. IO4; Grun. I363p. 23; R. E. D. p. 284; Eiben, I371: *Ag. com.*

(G. & *Rhoicosphaenia curvata*; -G. abbreviatum, digitatum, subclavatum,

subramosum, telographicum & exiguum, var.) --- 37-2f11:

* v. exigua, Rabh. E. D. p. 284: (G. exiguum, v.)

MINUTUM, Ag. Cons. p. 34; *Lim.*: -(G. acuminatum, aichotomum, subtile.)

MONTANUM, Schum. H. T. p. 37-3f35b; M. M. J. I375p. IO9, f16; Grun. I373p. II:

Dannf. p. 22; V. H. S. p. 124-23f33-35; Petit, I333: Cl. I391p. 49;

Del. Syll. p. 425; Herib. p. 55: (G. acuminatum, v.) ---

* v. commutata, Grun. -V. H. S. p. 125-14f2; Del. S. p. 425: (G. com.)

* v. media, Grun. -V. H. S. p. 125f27:

* v. pumila, Herib. p. 55;

* v. subclavata, Grun. -V. H. S. p. 125; *23f38-43*: (G. subcl.)

* v. Suecica, Grun. -V. H. S. p. 123f32;

MOSAMBICENSE, E. -Mik. p. 227; Prit. p. 392; R. E. D. p. 293; Del. S. p. 435;

MUCRONATUM, E. -Mik. p. 98; Prit. p. 392: R. E. D. p. 293; Del. Syll. p. 435;

MUSTELA, E. -Mik. pls. 9-1f32, 35; 14157; 17-1139; 17-2137; Prit. p. 392:

Schum. I357. I37-9f30; R. E. D. p. 287; Grun. I373p. 14; Cl.

I331p. 5; I391p. 49; Atlas 7: 12-7; V. H. S. p. 124f4; Herib. p. 59:

(G. subclavatum, var., & longicollis.)

* var., H. V. H. S. p. 124f3, 6;

* v. curvata, Br. & Perag. -Herib. p. 59-3f6, 7;

NASUTUM, E. -Amer. p. 123; Mg. pls. 2-2f11; 3-1127; K. 1. p. 34; V. S. A. p. 63:

R. S. p. 50; Schum. I362. I37-9f23; -(G. acut., cristatum; -G. acuminatum, v.)

occidentale, A.S., atlas 216 f 19-21:

|| var. abbreviata, A.S., atlas 216 f 22, 23:

Chisaccium, Cl. var. 1 p. 188: 1877-1878

|| var. pusilla, i. Cl. 1875 f 23-1 f 142

- NAVICULOIDES, W.S.-S.B.D. 2p.93: Prit.p.391: LaCoste & Suringar p.47: Carr.p.103; R.E.D.p.234; Sciose Kleinen p.12-1f13, 2f: Del.Syll.p. 311: (*Nov. hungarica*, v. *lunatic*; --- (Brebissonia; -G. angustatum & gracile.) ---
" v. navicella, LaCoste & Suringar p.47; R.E.D.p.235:
OBTUSATUM, K.-V.H.S. --- *Grün. in* (G. angustatum, v. obt.)
OBTUSUM, E.-Mik.p.59; Prit.p.392; R.E.D.p.293; Del.S.p.433;
OCULATUM, K.Syn.p.40-3f45; Linnaea 1833p. -3f45;
(G. olivaceum, rotundatum & subramosum.)
OLIVACEUM, E.-Inf.p.213-13f9; K.B.p.35-7f13, 15; K.S.A.p.64; R.Bac.Exs. No.25; R.D.Ex.No.34; R.E.D.p.291; Braemar; Marissal; S.B.D. 1p.30-29f 244; Desmaz.I, No.1462; 2, No.1032; K.Alg.Dec.XIII: Westendorp, No.499: Prit.p.335: 1816.p.96; Kireh.Alg.Schl.p.105; Carr.p.104; R.E.D.p. 291; Hull; Cl.1863p.231; Cl.&M.240; 1881p.10; 1891p.50; Nav.p.137: Prollius p.51; Lanzi, Tor.; M.M.J. 1873p.33; Lake Michigan; Petit list, p.17; St.S. 7.131; 3.110, 6.100; U.S.B.Vol.4p.7-1f5-7; Grün. 21p. 40-6f3; Carr.p.22; Sparck, 1881; Terebra 1870p.40, 116, 196; V.H.S. p.126-25f12, 9; 1.15.22f; Balbiani; A.S.M. 1860p.112; Carr. 1881p.33; Perag.p.54; Wolle pl.27f14, 15; Del.S.p.433; Herib.p.61: *Cl. 1895p.23*. (Dendrella; -Echinella; -Exilaria minutissima; -Fristalia; -Gomphonella *gem.*, angusta & ol.: -G. angustum, Balticum, Berkeleyi, clavatum, discolor, erosum, geminatum, Leibleinii, oculatum, ramosissimum, septatum, subramosum: -Meridion vernale; -Sphenella; -Styllaria.) --
" var. "b", Rabh.E.D.p.291: (G. ramosissimum, Naeg.) ---
" v. angustum, K.-Rabh.E.D.p.291: (Gomph.a.)
" v. Baltica, Cl.Nav.p.133: (G. Balt.) -
" v. calcarea, Cl.-V.H.S.pl.25f23; Cl.Nav.p.133: (G. cal.) --
" v. foetilis, Pant. 2p.35-12f20f; Del.S.p.433: (G. salinarum.)
" v. salinarum, Pant. 2p.56-9f160; 11f199; 17f287; Del.Syll.p.434: (G. salinarum.) -
" v. salinum, Grün. 1873p.106; Del.Syll.p.433;
" v. stauroneiformis, Grün.-V.H.S.pl.25f22; Cl.Nav.p.133: (G. staur.)
" v. stauroneiformis, Pant. 2p.56-12f20f; Del.S.p.433;
" v. tenellum, K.-Cl.Nav.p.133: (G. ten.) --
" v. vulgaris, Grün.-V.H.S.p.126-25f21; Del.Syll.p.433; (G. vilg.: -Sphenella v. & obtusata; -Styllaria paludosa.) ---
OLOR, E.-Abh.Ber. 1849p.35: 1870p.53pl.3-2f2; Wolle 29f19; Del.S.p.427;
OREGONICUM, E.-Abh.B. 1849p.35: 1870p.57; Me.pl.37-2f12, 13; Prit. p.389; Grün. 1865p.10; 1873p.12; R.E.D.p.293; Wolle pl.22f3, 9: (G. herculeanum, v. *maxim.*)
OVATUM, H.L.Sm.-J.R.M.S. 1860p.33; Del.Syll.p.433;
OXYCEPHALUM, Cleve Navic.p.187-5f10;
PACHYCLADIUM, Breb.Cons.p.21: V.H.S.pl.25f31, 32; Cl.Vega p.463; V.H.Type No.223: (G. abbreviatum, v. & exiguum, var.)
PALEA, E.-Abh.B. 1842p.272; R.E.D.p.293; Del.S.p.433;
PARADOXUM, Ag.Syst. 1.11: Cons. 1.34; A.M.S. 1.132p.33; Mik. 11. 9-1f33, 34; Grev.Synop. 1.33; V.Syn.p.41; Linnaea 1830p.33; A.M.S. 1843p.466-13f10: (-Echinella; -G. constrictum; -Eichophora; -Styllaria; -Diatoma *placitum*.)

Pavulleum, K. -

ii V. *lagenula*, K. - A. Cl. 1895 p. 20

iii V. *undulata*, A. Cl. 1895 p. 21 - f. 18:

Reicheltn, A. S. atlas 214 f. 19-22:

PARVULUM, K.S.A.p.65: Prit.p.333: Grun.1365p.10: 1363p.23; 1373p.10:
R.E.D.p.291; Sm.Spl.1.132; Cl.&M.133; Vega p.491; 1381p.10; 1391p.
50; Nav.p.130; V.H.S.p.125-25f9: J.L.S.1364p.245; Del.Syll.p.429;
Herib.p.56: A.Cl.1895p.20:

(Gomphonella: -G. (& Sphenella) costellata; -Sphenella; -G.minutissima,
f.p., -lagenula, -parvulum vars.lane.& subcap.)---

* v.dichotoma, Herib.p.56;

* v.exilis, Grun.1373p.10: Cl.Nav.p.130:

* v.exilissima, Grun.-V.H.S.pl.25f12; T.120; Cl.Nav.p.130; 1895p.21:

* v.lanceolata, H.V.M.S.p.125-25f10: Del.S.p.430; Herib.p.56;

* v.micropus, K.-Cl.Nav.p.130: -(G.mic.: -G.angustatum, v.incompletum.) 8, 7p.21:

* v.subcapitata, V.H.S.p.125-25f11; Del.S.p.430; Herib.p.56:

(G.capitatum & parvulum.)---

* v.subelliptica, Cleve Nav.p.130:

> * v.Tergestina, Grun.-Cl.Nav.p.131: (G.semiaperum, v.Terg.)--

PERSICUM, Rabh.S.D.p.59-3f4; Prit.p.339: (G.capitatum.)-

PERUANUM, Grun.-V.H.S.pl.25f33; Del.S.p.435; Cl.Nav.p.139:

POHLIAEFORME, K.Syn.p.42-4f50; K.Alg.No.25; Linnea 1333p. :

A.M.N.H.1343p.461-13f4; Lagr.1334p.42; (G.constrictum.)

PUIGGARIANUM, Grun., V.H.S.pl.25f13; Del.S.p.435; Cl.Nav.p.139:

* v.aequatorialis, Cl.Nav.p.139: LeD.2, no.17p.101-7f1:

PULVINATUM, Grun.-R.S.D.p.53-3f13; Prit.p.391; R.E.D.p.292:

(Crystallia; -G.dichotomum, var., & intricatum, v.: -Gonium.)---

PUPULA, L.-Amer.p.123; Mik.pl.5-1f45; K.B.p.36; K.S.A.p.63: Del.

Syll.p.437: (Meridion; -Podosphaeria.)

PYRIFERUM, Suhr.-K.S.A.p.67: (G.geminatum.)-

RADICULA, Suhr.-K.S.A.p.67: (G.geminatum.)-

RAMOSISSIMUM, Naegeli.-K.S.A.p.64: (G.olivaceum, v.)----

> RAMOSUM, K.Synp.p.44: Linnea 1333p. : (Diatoma.)

RHOMBUM, E., Mik.p.103:

RHOMBOIDEUM, E.- : Prit.p.392; R.E.D.p.293; Del.Syll.p.436;

ROBUSTUM, Grun.-M.T.P.3-1-12; Cl.&M.No.40: A.O.M.1377p.131;

1373p.103: Lake Michigan; (G.terrestrum.)----

ROSTELLATUM, V.-R.E.D.p.233; (G.parvulum: -Sphenella.)-

* v.elongata, K.-R.E.D.p.233;

ROSTRATUM, Breb.Alg.Fal.p.43, pl.5: S.B.D.2p.99: Prit.p.390: Carr.p.

104; R.E.D.p.237: (G.angr. & parvulum.)----

ROTUNDATUM, L.-Inf.p.213-13f7; Amer., L.I-11f2; 2120; 3-11f1; M.11f.

3-21f4; 9-11f3; 10-21f7; 11f1; 3-11f3; R.E.D.p.23-3f17; 1377p.103;

Marburg; Ebert, Cassel; Prollius p.54; Del.S.p.436:

(G.abbreviatum, var., & maculatum.)-

ROTUNDULATUM, L.-Beitrag 1331p.53; Del.Syll.p.436;

SAGITTA, Schum.1352p.137-9f12; 1350p.33-3f13; Valerius; V.H.S.p.125;

Bot.Chl't.1330p.219; V.H.S.pl.25f12: (G.ornata & var.)---

SALINARUM, Pant.-Cl.Nav.p.137-5f11, 12:

(G.olivaceum v.sal.: -G.salsum.)--

* v.steudrophora, Pant.-Cl.Nav.p.137: (G.olivaceum, v.stan.)----

SALSUM, Pant.2p.56-17f235; Del.Syll.p.435: (G.salinarum.)-

Scapha, a. s., a. l. 216-228

Subacule, R. 1838, Chap. 22, p. 22

Subclavatum,

" forma media, Gr. - Cl. 1895 p. 22:

" v. montana, Cl. 1895 p. 22:

" f. minima, Cl. 1895 p. 22:

- SARCOPHAGUS, Græg. - M.J. 1853p. 13-1442; S.B.D. 2p. 99; Prit. p. 391; Carr. p. 104; R.E.D. p. 234; Brin Alp. p. 35-3f10; (G. acuminatum, v. sc.) ---
- I39Ip. 50; Perag. p. 54; Woll. pl. 27f10; Malaisia; Del. S. p. 429; Leibl. p. 31; (G. acuminatum, v. sc.) ---
- " v. minor, Rabh. E.D. p. 234; (G. acuminatum, v. sc.) ---
- SAVANNAE, E. - Mik. p. 332; Prit. p. 392; R.E.D. p. 392; Del. S. p. 433; (G. acuminatum, v. sc.) ---
- SAXONICUM, Rabh. Alg. Exsicc. No. 39; (G. acuminatum, v. sc.) ---
- SCEPTRUM, Rabh. S.D. p. 30-313; Prit. p. 337; (G. acuminatum, v. sc.)
- SEMIAPERTUM, Græg. - V.H.S. pl. 24f12; Lake Michigan; Woll. pl. 27f10; Cl. & M. No. 264; Cl. Nav. p. 132; *Atlas 216 f 5-8*; (G. acuminatum, v. sc.) ---
- " v. Tergestina, Græg. - V.H.S. pl. 25f40; Herib. p. 31; -(G. parvulum, v. Ter.)
- SEMIELLIPTICUM, Ag. Cons. p. 33; K. Syn. p. 37; Linnaea 1833p. 565; (G. acuminatum, v. sc.) ---
- (Cocconeum & Cymbella) cistula; -(G. cistula, v. sc.) ---
- SEPTATUM, Ag. Cons. p. 33; K. Syn. p. 39; Linnaea 1833p. 557; Leiblein, *Flora Repert. p. 327, 1830*; -(G. cistula, v. sc.) ---
- SIGMA, E. - Mik. pl. 37-1f15; (G. cistula, v. sc.) ---
- SILICULA, E. - Mik. pl. 37-1f13; (G. cistula, v. sc.) ---
- SIMPLEX, K. Syn. p. 37-4f52; Linnaea 1833p. 565-3f52; (Cymbophora pastroides; -Cocconeum (& Cymbella) cistula & cymbiformis.)
- SPHAEROPHORUM, E. - Abh. Ber. 1845p. 73; Mik. pls. 33-1f16; 35A-7f14; B.J. N.H. 1861p. 344, f75; Lake Michigan; V.H.S. pl. 25f30; Woll. pl. 27f1, 2; Cl. 139Ip. 49; Nav. p. 137; (G. cistula, v. sc.) ---
- SPHENELLOIDES, Rabh. S.D. p. 53-3f1; Prit. p. 339; weisse 1864p. 109-1f16; Schum. 1864p. 19-2f16; (G. abbreviatum, v. sc.) ---
- SPLENDIDUM, Bréb. Cons. p. 14; (Lichenophora, v. sc.) ---
- STAUROIDEUM, Græg. 1873p. 9; J.R.M.S. 1879p. 673; Del. Syll. p. 464; (G. olivaceum, var. sc.) ---
- " v. Caspia, Græg. 1863p. 9-3f12; Del. Syll. p. 464; (G. olivaceum, var. sc.) ---
- SUBCLAVATUM, Græg. 1864p. 46-1f13; Cl. & M. 137; 183Ip. 73; 189Ip. 49; Nav. p. 133; *W.H.S. 24f1; T. No. 210; Herib. p. 55; Cl. 1875p. 2*; (G. dichotomum, var. "b"; -G. longiceps, var. s.; -G. montanum, var. s.; -G. cygnis, commutatum, calcareum, ~~microle~~, longiceps, Brebissoni, Kinkerianum & Mexicanum.)
- " v. acuminata, H. & Perag. - Herib. p. 55-3f3; Cl. Nav. p. 134; (G. acuminatum, v. submont.)
- " v. montana, Schum. - Cl. Nav. p. 134; (G. acuminatum, v. submont.)
- " v. mytila, E. - Cl. Nav. p. 134; *CC. 1875p. 2*; (G. acuminatum, v. submont.)
- " " forma curvata, Br. & Perag. - Cl. Nav. p. 134; (G. acuminatum, v. submont.)
- " v. obliqua, Græg. - Cl. Nav. p. 134; (G. acuminatum, v. submont.)
- SUBRAMOSUM, Ag. Cons. p. 34; Linnaea 1833p. 570-3f44; K. Syn. p. 42-3f44; K. B. p. 35-3f15; K.S.A. p. 65; K. Alg. Exs. No. 152; Montagne Fl. Alg. p. 190; Leiblein Reg. Flora 1830p. 323, f5, 9; Prit. p. 339; V.H.S. pl. 25f20, 27; Nyländer, n.: Græg. 1864p. 51; Del. S. p. 433; (G. constrictum, olivaceum, ~~septa~~ septatum.)
- " v. clavata, Rabh. E.D. p. 235; -(Gomph. e.) ---
- " v. erosa, Rabh. E.D. p. 235; (Gomph. e.)
- SUBTILE, E. - Amer. p. 123; Mik. pls. 2-2f45; 5-3f34; 15-A, f90; 15-3f33; 17-2f43; K.B. p. 37; K.S.A. p. 63; R.S.D. p. 30; M.J. 1853p. 12-1f12; S.B.D. 2, p. 100; Prit. p. 337; Amazon; Schum. 1864p. 20-2f19; Kinnora; R.E.D. p. 233;

+ Subtile, E. -

" v. rotundata, A. Cl. 1895, p. 21.

" f. angusta, V. H. S. pl. 23 f. 4.

Tropicale, Brum. - Atlas 216 f. 3, 16.

Gran. I373p. I2; Petit liste p. I7; Brin Alp. p. 35-6f11, I2; Bennf. p. 23; V. H.S. pl. 23f I3; Cl. I33Ip. 3; I39Ip. 49; Nav. p. I32; Bot. Cbl. p. I330p. 249; Perap. p. 54; Del. Syll. p. 423; Herib. p. 53; *Cl. 1895p. 21*

> *v. sagitta*, Schum. - Cl. Nav. p. I33: *1895p. 21*: (G. sag.) --

SZABOI, Part. 3p. 2-2f34: (G. lanceolatum.) --

TELEGRAPHICUM, K. B. p. 34-319; K.S.A. p. 32; Part. p. 34: (G. telegr.) --

TENELLUM, K.B. p. 34-3f3b; I4f7(5, 5); K.S.A. p. 33; R.S.O. p. 55-3f5; R.E. D.p. 233; R. Alp. Eur. I163; S.B.O. I4. 30-29f243; Braemar; Mill; Prit. p. 339; Heib. p. 93; New Zealand; Eil. Sp. T. 43; Mill; Gran. I333p. 22; O.M.

Kerg.: Petit & Lend.; liste p. I7; Eiben, I37I; Sm. Sp. T. I33; Kinnora;

Cl. & M. I39; I33Ip. 3; I39Ip. 49; Bennf. p. 23; Brin Alp. p. 35-6f5(p)

V. H.S. pl. 23f I2-23; Malaisie; Woll. p. 23f I3; Brin Alp. p. 35;

Spamer, Diran;

(G. acuminatum, clavatum, micropus, olivaceum: - Styliaria filiciformis.)

* *v. micropus*, Gran. I333p. 23; R.E.D. p. 234; Brin Alp. p. 35-6f5(p): —

Malaisie; (G. mic.) --

TENUICOLLE, E. - : Prit. p. 392; R.E.D. p. 234; Del. S. p. 433;

TINCTUM, A. Cons. p. 35; Linnea I333p. 57I-3f59; K. Syn. p. 43-3f59:

(Liemophora fibula & t.: - Rhipidophora elongata.) -

TRANSYLVANICUM, Part. 3p. - I4f2I9, 220; Cl. Nav. p. I37:

TRIDENTULUM, Radl. - Trav. Vol. I (I351)p. I03-I31; Del. S. p. 430;

TRIGONOCERATUM, E. - Mil. p. 1.3-I133; Lake Michigan: (G. acuminatum, v. 1.) -

> TRUNCATUM, E. - Bennf. I33p. 33; Inf. p. 215-I3fI; Woll. p. 19.5-I133; 3-I123a-a;

7-3a, f3I; 7-3b, f10; 9-I133, 34; I4f63, 69; 10-2f14; I1f20; I3-3f37;

I7-I154; I7-2f42; 33-3f11; 33-I113; 31-I1, 13; 34-I13, f3, 10; 37A-7I

I5; 37-I1f12; 39-3f70; Abh. Ber. I369p. Ie, f9; Hass. Alp. p. 42I-93f2:

(G. constrictum, geminatum, paradoxum, pohliaeforme.) --

TURGIDULUM, E. - Mil. p. 1.4-2f34: (G. capitatum & Part. 1.) -

TURIDUM, E. - Mil. p. 1.2-2f10; Gran. I373p. II: Cl. I33Ip. 3; V. H.S. pl. 23f I1;

Woll. p. 1.2f19; Lake Michigan: 2-3-32: (G. constrictum, v. 1. & capitatum.) -

TURRIS, E. - Bennf. p. I23; Mil. p. 1.2-2f42; 4-2f10; 4-3f13; I4f70, 71; 35-5I

6: 34-3f3; 33A-3f4; K.B. p. 37; K.S.A. p. 37; E., Abh. B. I369pls. Ia, fII:

2-I1f4; Prit. p. 339; R.E.D. p. 233; Gran. I333p. II: Amazon; Styliaria; V. H.

S. pl. 23f I3; T. No. 209; Kinnora; Woll. p. 23f I3; Lake Michigan; Cl. I33I,

p. 49; Del. S. p. 424; (G. acuminatum, v., & apiculatum.) -

* *v. apiculata*, Gran. I365p. IO-I1f12a, b; Amazon; Del. Syll. p. 424;

(G. gracile, var. lanceolata.) -

TURRITUM, Gr. - M.O. I365p. I2-I142; S.B.O. p. 99; Del. S. p. 423;

VALIDUM, Cleve Nav. p. I35-5f9:

* *v. elongata*, Cl. Nav. p. I35-5f3:

VENTRICOSUM, Carinthia p. I03; Cl. & M. 93; I39Ip. 60; Nav. p. I33; S. S. p.

T. 370; Gran. I373p. II: V. H.S. pl. 25f I3; *Cl. 216fg* (G. capitatum & var.) --

* *v. maxima*, Cl. Nav. p. I37-5f I3:

* *v. ornata*, Gran. - V. H.S. pl. 25f I4, I5; Cl. Nav. p. I37: (G. Dibravicensis.) -

* *v. tasmanica*, Cleve Nav. p. I37:

VIBRIO, E. - Amer. p. I23p. 1.2-I140; K.B. p. 37-29f75; K.S.A. p. 37; R.S.O. p. 59-

319; R.E.D. p. 237; Woll. p. I33p. 273-I100; V. Mil. p. 1.2-2f11; Woll. p. 1.2-

Gomphopleura. - (Reichel't, 1894.)

nobilis, Reichelt. - Besond. abdr. aus den Ber. den
Nat. Gesells. zu Leipzig, 1893: L. S. Vol. 2, n. 16p. 79.
Atlas pl. - 215-1916

Diagnosis Generis: - *Frustulia aculeiformis*: valvis lanceolatis;
nullo nodulo centrali; nodulis terminalibus; -
valde elongatus. - (= Reicheltia, cf. H. S. 1895) -

S.B.D. I. p. 81-23f242; Mull: Prit. p. 390-12f35; New Zealand: Selous. H. T. p. 37-2f33; T. No. 1. p. 7-9f31; Mull: Can. p. 105; Hoffmann, Marburg. p. 105. 184; Kinnora; Bran Alp. p. 37-6f3; Petit & Lend.; liste p. 17; Belloc, Luchon: V.H.S. pl. 24f26; T. No. 213; Lake Michigan; Perce. p. 54; wolbe, pl. 27f5; Hoffmann, Marburg; Cl. 139 Ip. 45; Malaisie; Del. S. p. 427;

Herib. p. 59: (G. intricatum, var. vibrans.) ---

v. *Hebridensis*, Greg. - R. E. D. p. 287; Det. S. p. 427: (G. Arb.) --

V. subventricosa, H.V.H.S. pl. 24f27: Malaisie:

VIRIDE, Unger. - Beobacht. Mikrosk. 1849 p. 709, pl. I:

$$V(\Gamma^{\text{int}})(\mathbf{M}), \text{ C.A.R. } [\delta^{\text{int}}]_1, [\delta^{\text{int}}]_2 \vdash (\text{true} \rightarrow \text{true})_{\text{int}} \rightarrow \text{true} \rightarrow (\forall v, v'. (v \rightarrow v') \rightarrow \text{true} \rightarrow \text{true})$$

VULGARE, Breb. Cons. l. 14; R.E.D. p. 233; Brain Ali. p. 34-3f20; Bellloc.

Lichen: -(*C. olivaceum*, var., & *cinereus*; -*Sphaeria*; -*Styliola* (red))

v. obtusata, Rabh. E. D. p. 283: (G. & Sphenella v.) --

GOMPHONITZSCHIA. - (*Grenow, 1867.*) -

CLEVEI, Grun.-Cl. 1380f.102: J.R.M.S. 1380f.397-13fII: Del.Syll.1.505;

UNGERI, *Gran.* 1333p.7-If1: *Cl.* 1330p.102: *Def.* Syll. 1.535:

J.R.M.S. 1380p.397-13f17: *Grevillea* Vol. 1p.30-2f/a-e

CONSTITUTION. --

-, A.J.S. 13451.335-4f26:

- J.R.C. 137 I₁ 1. I4f I-3:

- E., Min. 11.33B-22foa:

ANALUS, E. - Mik. pl. 33-13f4; M. D. pl. 42f34: (Eucaria gibba.)

BARBATUM, E.-Abh. Ber. 1344 p. 37; Mik. pl. 13 f 106; M.D. pl. 42 f 35; Prit. I. 364; Grun. 1373 p. 35-4 f 24; Fortm. Cey. p. 73; Del. Syll. p. 1009.

(Chaetoceros; -Rhizosolenia.) -

COCCONEMA, E. - A. Ber. 1355p. 303; Det. S. p. 1010:

CRENATUM, E. - Mik. pl. 39-3f74; Prit. p. 874-15f10; Del. S. p. 1009:

CYMBALUM, E. - Abh. B. 1355 p. 302; Def. Syll. p. 1010:

DANICUM, Grun.-M.T.P.4-I-9: (Chaetoceros; -G. Jant. III, v.)-

DECORATUM, Bran 1391x.23-12f3; Det. S. p. 1003:

DICTIONARY, H.-AD. REL. 1344.23; W. L. 1344.24; V. S. A. 1344.25; Prit. p. 354;

M.D. 11.42f36; Wollf pl. 64f3I; Det. S. p. 1010:

EURYOTPIALD, L.-AMP. C. 1375, 202; DET. S. 11.1.1010;

GASPERIC, M. - *Publ. O. [344]*, 20; *ibid.*, 1369 [2, 6]; 35A-1711 [2]; *N.S.A.*, 20;

Weiss, G., 1995-2010; M.O., 1.4[10]; J.E.S., 1993; (C. & C.) - -

AISPIDU, R.-A. 1951. *Isotopos de Carbono 13 en la Fisiología Vegetal*. V. C. R. A. 1: 25-31.

Jan. Gu. p. 24-Ia, f35; Del. S. p. 1003: (Chaetoc.)

MARIS-MORTUI, L. - A. Ber. 1849 p. 191: Mik. p. 43; Det, S. p. 1009:

MONODON, E. - Abh. B. 1344 p. 23; M. p. 13 f 97; 33-13 f 12; W.S.A. p. 23; M.D. 11.

42f37; Prit. r. 864; Weisse I 354 r. 242-If 23; Wölle 64f30; Del. S. r. 1009:

NAVICULA, L. - A. 001. Is 111.23; M. 415. Is 1032, 6; 33-17 II: V. S. 1. 1. 1.

M.D.pl.42f37; Prit.p.364; Weisse Guano p.303-2f4I;

Def. Syll. 1.1009: (Chactoceros.) ----

OBTUSUM, E.-A. Ber. 13441. 23; Mik. pl. 13195; K.S.A. 1. 23; Prit. 1. 364;

Wolfe pl.64f33; Det.S.p.1009:

+ odontella,

" var. denice, Gr. - V.H.S. pl. 105 f 11, 12:

prolongatum,

" var. reticosa, Gr. 2, n° 22 p. 238-20 f 9-11:

> Tenuis, Br. - Gr. 2, n° 16 p. 77-5 f 5, 6:

- ODONTALLA, E. - Abh. Ber. 1841. 23; Mik. 19. 13194; 33-13110, 11; 33-13115;
 K.S.A.p. 23; Q.O.M.S. 13561. 707-7f47, 48; Prit. p. 334-3f29; V.D. 1. 41f44;
 ---, Witt 1385p. 25-7f7, 3; Woll. pl. 34f17, 18; Atlantic
 City; Part. II. 74: Det. Syll. p. 1009: (Gonioteleum.) ---
 PROLONGATUM, Grev. - T.M.S. 13651. 56-6f29; Det. S. p. 1003:
 POCISSII, E. - Abh. Ber. 1841. 123; Mik. 11. 13192, 93; A.O.S. 13441. 131; V.D. 1. 71;
 K.S.A.p. 25; M.O. 13531. 67-7f43-45; Prit. p. 334; M.C. 11. 31f12; 31f13;
 Coy. 1. 73; Woll. pls. 23f20; 34f17-19; 34f22; Atlantic City; A.O. 1. 73;
 13911. 2f31; Det. S. p. 1009: (Navicula borealis.) ---
 STRIGATUM, Bailey Coll.: Det. Syll. p. 1010:
 SZAKALENSE, Part. II. 42-30f305; Notar. 1333p. 533; Det. S. p. 1003;
 URCEOLATUM, E. - Abh. Ber. 1841. 132; Det. S. p. 1011:
 VITRIPONS, Brach. 13911. 29-12f5; Det. Syll. p. 1008:

GONIUM. ----- (Müller, 1786.) ---

PULVINATUM, Müller, Animale. Infus. (1786) pl. 43: (Complanata.) ---

GOSSLERIELLA. --- (Schuett, 1892.)

TROPICA, Schuett. - De Toni, Syll. p. 1427:

GRALLATORIA. --- (Kütz., 1844.) ---

A Simple is of Striatum: - V.D. K.S.A.p. 33; K.S.A.p. 17; Meneg. A.N.D. 1. 40. ---

GRAMMATONEMA. --- (Kütz., 1845.)

- , Meneg. A.N.D. p. 331: -, K., Phyc. Germ. p. 140:
 STRIATULUM, Kütz., Phycolog. German. 1345, p. 140: K.S.A.p. 137:
 (Conferve; - Frag. aurea & Jurgensii? - Grammatonema.) ---
 " var. " b " diatomoides, K.S.A.p. 137: (Nematoplatea caudata; -
 Frag. diat., & striatula; - Frag. & Arthrodesmis str.) ---

GRAMMATOPHORA. - (Ehr., 1839.) ---

- , Amer. Nat. 1333p. 510-13f20; -, Meneg. A.N.D. 1. 473;
 -, Archiv. Micro. Anat. 1333p. 31: -, Pfitzer 1. 121:
 ACRIATICA, Grun. - V.H.S. pl. 53(2)f19; Villef. p. 33: (G. maxima, v.) ---
 AFRICANA, E. - Kreid. 13401. 72; Mik. pls. 13f33a, b; 21f27; 22f32; 35A-20f1, 2;
 19f34a-c; Mont. Flor. Alg. p. 195; K.B.p. 129; K.S.A.p. 121; williamson p.
 17-114-3, 3; Prit. p. 338; Weiss. Gr. p. 305-311; Grun. 13521. 41f1: (v.) ---
 AMBIGUA, Grun. - V.H.S. pl. 53(2)f14: (G. maxima, v.) ---
 ANGUINA, K.B.p. 129-17f25; K.S.A.p. 121; Prit. p. 309:
 Hedw. Vol. 6p. 7: (G. serpentina.) ---
 ANGULATA, E. - Abh. Ber. 1839p. 153;
 ANGULIFERA, Grun. : Det. Syll. p. 759:
 " v. Australiensis, Grun., V.H.S. pl. 53(2)f5: - (G. ang.) ---
 ANGULOSA, E. - Kreid. 1339p. 73; Amer. pls. 1-3f11; 2-3f7; 3-7f34; Mik. pls.
 13f33; 19f35; 21f23; K.B.p. 129-29f79; 30f79; K.S.A.p. 120; Mont. Fl.
 Alger. p. 192; Prit. p. 303; Weiss. Gr. p. 307-2f43; Jan. Gr. p. 24-1a, f19;
 Grun. 13521. 419; 1333p. 4; Reinhard; R.E.D. 1. 304; Algel, Baltic; Petit

arcuata, E. - Oestrup Mær. D. pl. 6 f 74: 1897 p. 34 c: Petit, Cap Horn.

11 var. antarctica, Gr. - Bot. Clbt. 1881 p. 3: Petit, Cap Horn:

- Cat. p. 33: M.T.P.I-3-21; Cat. I. 33 p. 332, f191 sub; V.H.S.I. 134; T.No. 351; Wille pl. 49 f11-13; Det. Syll. p. 759; *Petit, Cap Horn*
 * v. hamulifera, K.-Gran. I. 33 p. 419; R.E.D.I. 304; Det. S. p. 757:
 V.H.S. p. 134-53 f4; (Gram. h.)
 * Islandica, E.-Cleve Vega p. 434; (Gram. I.)
 * v. maj. , Gran. I. 33 p. 419;
 * v. Mediterranea, Gran.-V.H.S. pl. 53 f5; Villef. p. 66; Malaisia:
 (Gram. Islandica.)-
 * v. uncina, Gran.-V.H.S. pl. 53 f6; (G. inc.)--
 ARCTICA, Cl. I. 33 p. 334-23 f1; I. 33 p. 222; Nares p. : I. 373 p. 23; Vega
 p. 434; M.O. I. 374 p. 235-311; Reinhard; V.H.S. pl. 53 (2) f3; Gran. I. 33 p.
 5-2 f15; Det. S. p. 752; *Oestrup 1897 p. 340: Petit, Cap Horn* (G. monilifera.)----
 ARCUATA, E.-Amer. p. I. 33 p. 523; Mik. pl. 35A-22 f11, 12; Prit. p. 309; R.E.D.I.
 p. 334; I. 373 p. 23; Vega p. 434; Gran. I. 33 p. 420-II f7; I. 33 p. 4; R.E.D.I.
 305; Reinhard; Petit Cat. p. 34; Det. S. p. 753; (G. curvata.)---
 * var., Cl. & M. No. 294;
 * v. arctica, Gran.-Bot. Col. p. I. 33 p. 3, No. 7; Cl. Vega p. 434;
 ARCUS, Brin I. 39 p. 29-I3 f4a-d; Det. S. p. 753;
 ARENARIA, Bailey.-Lens Vol. I, p. 232;
 ARNOTII, Gran.-V.H.S. pl. 53 (2) f4; Det. S. p. 759; (G. Mulleri, v. ?)--
 BALBOURIANA, S.H.D. p. 43-311 33; J.P.I.D. p. 313;
 (Diatomella; -Disiphonia Australis.)---
 BIHARENSIS, Part. Ip. 39-30 f307-309; 31. -24 f354; Notar. I. 33 p. 534;
 Det. S. p. 755; (G. stricta, v.)-
 CARIBAEA, Cl. I. 373 p. 14-2 f27; Fortm. Cey. p. 55; V.H.S. pl. 53 (2) f19; Det.
 S. p. 756; Wille pl. 49 f19; *Petit, Cap Horn* (G. macilenta, var., & unilata.)
 CURVATA, E.-Mik. pl. 35A-22 f13; Prit. p. 309; R.E.D.I. 309; (G. arcuata.)--
 ELONGATA, Harting Banda p. 14-2 f39; Malaisia; Det. S. p. 753;
 EPSILON, Gran.-V.H.S. pl. 53 (2) f23; Det. Syll. p. 759;
 FLEXUOSA, Gran.-Bot. Centblt. p. 13; Det. Syll. p. 759; Malaisia; *Reinhard*
 * v. delicatula, Gran.-V.H.S. pl. 53 (2) f22; (G. flex.)-
 * v. Hondurensis, Gran.-V.H.S. pl. 53 (2) f23; (G. flex.)-
 * v. Japonica, Brin & Temp. p. 71;
 GALLAPAGENSIS, Gran.-V.H.S. pl. 53 (2) f20; (G. granulata, v.)--
 GIBBA, E.-Amer. pl. 2-6 f3; K.B. p. 129-29 f77; K.S.A. p. 121; Breb. Verm. p. 10;
 Prit. p. 303; I. 33 p. 48, 49; Gran. I. 33 p. 415; R.E.D.I. 305; Perap. p. 74; Wille
 pl. 49 f6, 7; Malaisia; Det. Syll. p. 751;
 GIBBERULA, K.B. p. 129-30 f31; K.S.A. p. 121; Prit. p. 303; Gran. I. 33 p.
 417-II f17; I. 33 p. 4; *Reinhard*; *Petit, Cap Horn*; *Malaisia*; *Reinhard*
 1070 p. 14; V.H.S. pl. 53 f13; T.No. 354; Det. S. p. 751; *Petit, Cap*
 HAMULIFERA, K.B. p. 123-I7 f23; K.S.A. p. 120; Prit. p. 303-I5 f22;
 Cl. & M. No. 37; Vega p. 434; *Petit, Cap Horn* (G. hamulifera, v.)
 * var., H.L.Sm. Sp. T. No. 135;
 * v. constricta, Gran.-V.H.S. pl. 53 (2) f6; *2 forma Capensis.*
 INDIANICA, Part. 2 p. 37-41 33; 91 33; I. 33 p. 123; Det. Syll. p. 753;
 INCURVA, Bailey.-Lens Vol. I, p. 232; (G. marina.)----
 INSIGNIS, Gran.-V.H.S. T. No. 31, 315 sub; Part. p. 33; Det. Syll. p. 753;
 Botan. Centblt. I. 33 p. 324;

+ Indica, E - P. L. - 11. 11.

+ Longissima, Petit Cap Horn.

marina, Ardisson 1839. 399, no. 12.

marina,

" V. intermedia, Gn. - V.H.S. 53 f 15.

" V. nodulosa, Gn. - V.H.S. 11. 53 f 14.

v. *Doljensis*, Grun.-Pant. I. 33-25f233; 2, p. 63: Notar. I. 33p. 534;
Bot. Syll. p. 756;

ISLANDICA, E.-Amer. p. 123; K.B. p. 129; K.S.A. p. 121: Prit. p. 303; Cl. I. 33p.

+ p. 222: Nares p. : I. 373p. 24; Cl. & M. No. 23; Grun. I. 33p. 413; R.E.D. p. 303; Grevillea I. 371p. 39; Lill. I. 373p. 23; S. Sp. I. 133: Share River: V.H.S. pl. 53f7; Det. S. p. 756: *Oestrup 1897 p. 340* (G. *angulosa*, v.) -

v. *biundulata*, Grun. I. 33p. 419-II f15;

v. *hamulosa*, Grun. I. 33p. 419-III f11; Lill. I. 373p. 23;

v. *major*, Grun. I. 33p. 419; Malaisie;

JAPONICA, Grun.-V.H.S. pl. 53(2) f13: (G. *undulata*, v.) -

JAPONICA, Pant. 3p. 2. - 24f348;

LONGISSIMA, Petit Cat. p. 34-51f1; J.R.M.S. I. 373p. 245-15f21; V.H.S. pl.

53(2) f1; New. I. 373p. 130; Malaisie; Det. S. p. 756: *Def. 1866-1877*;

v. *Italiana*, Cast. A. I. I. I. 373p. : Grun. Long. I. 33p. 32; V.H.S. pl.

53(2) f2: Villef. p. 67: Det. Syll. p. 759;

LYRATA, Grun.-V.H.S. pl. 53(2) f21: Cl. & M. I. 32: Det. S. p. 759;

v. *Japonica*, Pant. 3p. - 24f344;

MACILENTA, S.B.D. 2p. 43-51f32; Prit. p. 303; Breb. D.C. p. 23; Var. p. 10; f

20; Grun. I. 33p. 415; Lill. p. 90; Lill: R.E.D. p. 304; Malaisie; Cl. I. 33p.

p. 222; I. 373p. 14; Lill. I. 371; Reinhard; S. Sp. I. 137: Parag. p. 74:

Villef. p. 66: - (G. *oceanica*, v.: - G. *marina*, v.: - G. *caribaea* & *nodulosa*.) ---

v. *subtilis*, Grun.-V.H.S. pl. 53f13; Malaisie; Parag. p. 74;

v. *subtilissima*, Schaacht Micr. p. - If13; R.E.D. p. 304;

MARINA, K.B. p. 123-17f24; I. 3f1; K.S.A. p. 120; S.B.D. 2p. 42-42f314; Breb.

D.C. p. : R.A. E. No. 321; Westend. No. 792; Reinhard. A. I. No. 438: R.

E.D. p. 303, f31a, b; Prit. p. 303-4f47; If52, 53; Heib. p. 71; R.D. Ex. 36;

Lill; Grun. I. 33p. 415; I. 33p. 4; Lill. Sp. I. 49; M.D. I. 12f38; Reinhard;

Jan. Gr. p. 24-26, f5; Guillard p. 30; N. & R. S. p. 71; Lill. p. 90; Edw. M. I.

2f15; Guillard foss. p. 9-24f10, 13; Breb. Vern. p. 10; Cl. I. 33p. 222; Petit

Cat. p. 33; Table 3. p. 5; Olag. f24; D.M. Ver. : I. D. p. 315-29f1; Reinhard.

Cey. p. 54; Lanzi, I. 373p. 5; T.M.S. I. 377 - I. 37f24; Share River: Lill.

I. 371; Deby Polder p. 13; M.T.P. I-3-14 to 17; Mobile; V.H.S. p. 133;

Villef. p. 66; Wolle pl. 49f3-10, 14-16; Malaisie; Det. S. p. 752;

(*Bacillaria Adriatica*, *oleopastiae* & *Mansueti*: *Diatora* *spiciformis*,

marinum, *tenuis*, v., & *latruncularium*, *Lynghyei*, *taeniaeforme*: - *Conserva*

obliquata & *taeniaeformis*; - *Frag. fasciata* & *latruncularia*: - Grun.

Adriatica, *incurva*, *intermedia*, *Mexicana*, *Oceanica*.) ---

var., Petit Cat. p. 33-51f20: J.R.M.S. I. 373p. 245-15f20;

var., V.H.S. pl. 53f12;

v. *Balujickiana*, Grun.-V.H. Type Series 22, No. : Det. Syll. p. 756;

Botan. Ch. p. I. 33p. 324;

v. *communis*, V.H.S. p. 133; T. No. 355; (G. *oceanica*, v.) ---

v. *macilenta*, V.H.S. p. 134; T. No. 353; (G. *mac.*)

v. *major*, Grun.-V.H.S. pl. 53f10, 11;

v. *minor*, Grun.-V.H.S. pl. 53f13;

v. *Oceanica*, forma *communis*, Grun.-V.H. Type No. 22 sub: - (Var. *communis*.)

v. " " *vulgaris*, Grun.-V.H. T. No. 356: (Var. *vulgaris*.)

+ W. simplex, J. E. C. 1885 p. 168:

+ Oceanica, E. -

+ " var. macilentula (ou betilis) Østrup 1897 p. 340-2 f 11, 12, 19:

, " v. intercedens, Gr. Bot. Cent. 1881 p. 10. Petit, Cap. Horn:

+ ovalanensis, Bot. Cblt. 1881 p. 14: Petit, Cap. Horn:

- v. *Ovaladensis*, Grun.-DeToni, Sylloge p.753: (G.Oval.)-
 v. *subtilissima*, Grun.-V.H.S.p.164: (G.str.)-
 v. *subundulata*, Grun.-V.H.S.pl.53(2)f10: DeT.Syll.p.753;
 v. *tropica*, Grun.1362p.415; 1334p.5; V.H.S.pl.53f9: T.No.352:
 Malaisie; (G.trop.)--
 v. *vulgaris*, Grun.-H.V.H.S.p.163: (G.Oceanica, var. v.)-
 MAXIMA, Grun.1362p.416-3f5; 1334p.4; R.E.D.p.305; V.H.S.pl.53(2)f11:
 O'M.Kerg.: Wolle pl.49f26; Pant.2p.68: Trian 1335p.63-6fII: +
 v. *ambigua*, Grun.-DeT.Syll.p.754: (G.amb.)--
 v. *Adriatica*, Grun.-DeT.Syll.p.754: (G.Adr.)--
 v. *Magellanica*, Grun.-V.H.S.pl.53(2)f13:
 v. *trinitatis*, Grun.-Bot.Cat.1334p.7,1.3: Cl.Vega p.50I:
 DeT.Syll.p.754;
 MEDITERRANEA, E.-Abh.3.1344p.33: -(G.serpentina; -Striatella taeniaeformis)
 MEXICANA, E.-Amer.pl.3-7f32; Mont.pl.1.192; K.3p.123-13f(3):
 29f37: K.S.A.p.120; Prit.p.303; V.H.S.pl.53(2)f11: Wolle pl.49f
 24,25: *Petit, Cap Horn*: -(G.marina & tropica; -Striatella taeniaeformis, v.)-
 MINIMA, Grun.1362p.413-7f13; DeT.Syll.p.753; R.E.D.p.304;
 MONOLIPERA, Brun & Temp.p.33-7f9; DeT.S.p.752:
 Pantoc.3p. -IIfI73: (G.Arctica.)---
 v. *linearis*, Brun 139Ip.29-13f2; DeT.Syll.p.752;
 MORONENSIS, Grev.-M.J.1363p.229-9f5; R.E.D.p.305; DeT.S.p.751:
 v. *japonica*, Brun 139Ip.30-13f3; DeT.S.p.751:
 MULLERI, Grun.-V.H.S.pl.53f19: DeT.S.p.759: (G.Arnottii, var.)-
 NICOBARICA, E.-Mik.p.165; DeT.Syll.p.759:
 NODOSA, E.-Abh.Ber.1354p.313; DeT.S.p.759:
 OCEANICA, E.-Abh.3.1340p.151; Krida.1340p.73; Amer.pls.1-1f13; 1-3f
 10,33: 2-3f5,6; Mg.pls.13f37a; 19f36a,b; 33-14f15; 35A-16f5; 39-3f
 72; Bailey So.p.14,f59; Grun.1362p.417; 1334p.4: 1376p.25; T.E.S.p.
 303; Weiss Gr.p.307-2f44: Cl.1373p.23; Vega 11.434,503,501: 139Ip.
 35: Lagr.1376p.23; Darrf.p.45; M.T.P.1-3-19,20; Fritsch & W.No.19:
 Perag.p.74; Pant.1p.33-17f153; 2,p.68: DeT.Syll.p.755: *Petit*
 (Bacillaria Adriatica & marina; -G.marina.)--
 v. *Indica*, Grun.-V.H.S.pl.53(2)f15:
 v. *intermedia*, Grun.-Haw.Vol. (1337)p.7: DeT.S.p.755:
 v. *macilenta*, Grun.1362p.413; Lagr.1376p.23; DeT.S.p.755: -(G.mae.)---
 v. *major*, Grun.1362p.417:
 v. *nodulosa*, Grun.-DeT.Syll.p.755: (G.nod.)--
 v. *Novae-Zelandiae*, Grun.-V.H.S.pl.53(2)f13: *DeT.Syll.p.755*
 v. *subtilissima*, Bailey.-Pant.1p.33-16f142; DeT.Syll.p.755:
 Schacht Micr.p. -IfI3; (G.sibb.)-
 OVALAUENSIS, Grun.-V.H.S.pl.53(2)f24,25: + (G.marina, v.)---
 PARALLELA, E.-Abh.3.1347p.443; A.S.S.1351,101: Mik.pls.13f39,40: 11f
 26a-d; 22f63a,b; 33-14f16; 35A-20f3; 39-3f73; Prit.p.303; Grun.1362,
 p.417; R.E.D.p.305; Fortm.Cey.p.55: Carp.133Ip.363,f191: DeT.Syll.
 p.754; *Abh.3.1344p.70* (G.stricta & tabellaria.)
 v. *fossilis*, Grun. DeT.Syll.p.754; -(G.stricta, var.)

+ See Tina, Carp. 1891, f 403: . . .

PERPUSILLA, Grun.-V.H.S.pl.53(2)f8:

PERUANA, E.-Jan.Gu.p.24-2a, f7; Jan.& R.p.3-21b; R.E.S.p.127;

Det.Syll.p.756:

PUSILLA, Grev.-Transac.Botan.Soc.Edinburgh 1363p.574-13f15;

Det.Syll.p.753:

" v.Scotica, Grun.-V.H.S.pl.53f8; Det.S.p.753:

PUIGGARIANA, Grun.-V.H.S.pl.53f17; Det.S.p.759:

ROBUSTA, E.-A.Ber.1344p.203; Dippel Prob.p.23-319-13; Grun & Lamf.,
p.71; Pant.Ip.39-30f312, 315, 316; 2, p.68:

" v.gracilis, Pant.2p.68-21f320, 322; Det.S.p.759:

" v.minor, Grun.-V.H.Type No.545; Det.Syll.p.759:

SERPENTINA, E.-A.Ber.1344p.203; Mik.pl.35A-22f14; K.B.p.129-21f12; K.
S.A.p.121; Mathieu; S.B.D.2p.43-42f315; Front.; Breb.D.C.p. : Grun.
1362p.420; 1363p.1; Prit.p.303-4f13; Jan.Gu.p.24-1a, 133; R.E.S.p.
301, 131e; Jan.& R.p.3-113; Call.p.90; Grac.Van.p.10, 119; Grunard 1361
p.10-113; Grunard p.33; Cl.1353p.222; Flg.pl.Baltic; D.M.Vanp.: I.9.
p.315-29f12; Hall; N.& R.S.p.71; Petit Cat.p.34; Table Bot p.3: Cey.
Cey.p.55; Shark River; Grun.1370p.23; Call.1331p.315, 114; V.H.S.p.
131-50f1-3; 1.350; Parag.p.74; Villef.p.33; Wille pl.49f1, 20-25; Det.
Syll.p.757; Malaisie; Wm.1381p.63-71;

(G.anguina & Mediterranea; -Striatella taeniaeformis, "g".)-p

" var., Kain & Sch.-T.B.C.1339p.75:

" v.bimaculata, Grun.1362p.420:

" v.hamulifera, Grun.1362p.420;

" v.macilenta, Grun.1362p.420;

STRICTA, E.-Amer.119.1-1f2; 3-7f31; Abh.3.1370p.1.2-1f43; K.B.p.129-
29f75; K.S.A.p.121; Prit.p.303; Weiss G.1.303-2f43; R.E.S.p.127;
Sm.Sp.1.371; Witt 1333p.15-3f7-14; Grun & Lp.p.71; Malaisie; Wille,
pl.49f17, 13: (G.parallelata & trochilata.)---

" var., Castr.1337p.57-29f12:

" v.Biharensis, Pant.Ip.39-30f307-309; 2, p.37:

" v.fossilis, Grun.-Pant.Ip.39-26f239; Notar.1333p.534: -(G.parallelata

SUBTILISSIMA, Bailey.-Prit.p.309; Lewis, N.& R.S.p.71; Flgel, Baltic;

Sm.Sp.1.190; Fritsch & H.No.10; Shark River; Amer.Nat.p.113(1353):

(Gram.marina, var.)-

TABELLARIA, E.-Mik.pl.13f39, 90; R.E.S.p.305;

TABELLARIIS, Brun 139Ip.30-13f1; Det.Syll.p.752;

TAENIAEFORMIS, williamson p.17-1f7, 9:

TROPICA, K.B.p.128-30f71; K.S.A.p.120; Prit.p.303; R.E.S.p.305; Cl.

& M.66; Grun.1334p.5; (G.marina, var., & Mexicana.)---

UNCINA, Fortm.Cey.p.55-5f30; (G.angulosa, v.)

UNDULATA, E.-Abh.3.1340p.151; Wille.1340p.75; Amer.119.3-7f35; Mik.
pls.13f37b; 19f37; K.B.p.129-29f68; K.S.A.p.121; Prit.p.309; Jan.Gu.
p.25; Grun.1362p.413-7f15; 1363p.4, 60; Grac.Vanp.10; R.E.S.p.311;
Petit Cat.p.34; Fortm.Cey.p.55; Cl.1373p.11; Vanp.1.303; Pant.1.68;
Wille pl.49f3-5; Malaisie; Det.S.p.753;
(G.Caribaea, Gallapagensis & Japonica.)-

1)-
Grinowicella.

grinate, ... - L. f. vol. 2, n. 16 p. 79.

[Sceptroneis]

Guinardia.

+ flaccidia, cl. 1897 p. 23: Katt. 1889 p. 54: - (Pyxilla Ballica Balt., Hensen)

- " v. Gallapagensis, Grun.-Del.Syll.p.754: (G.Gall.)-
 " v. Japonica, Grun.-Del.S.p.754: (G.Jap.)--
 " v. gibba, Grun.-V.H.S.pl.53(2)f17; Cl.Vega p.501: Villef.p.37:
 UNDULOSA, Petit Cat.p.34:

GRAMMONEMA.----- (Agardh, 1832.)

- JURGENSII, Ag.Cons.p.63: A.M.N.H.1344p.449-14f5; 1345p.171-19f5; R.
 E.D.p.124,f33; Prit.p.773-15f24,25; Carr.p.30: Grun.1363p.3; Eiben,
 1871:-(Conferva; -Frag.aurea, arcuata, diatomoides & s.: -G.striatulum.)
 " v. diatomoides, Grev.-R.E.D.p.123:-(Fragil.a.: -G.striatulum.)----
 STRIATULUM, Ag.Cons.p.63; Grun.1363p.3: Cl.1373p.23; Vega p.484; Sm.
 Sp.1.372; A.J.H.1377p.150; Del.Syll.p.595:-(Articulat.; -Frag.
 aurea, Carmichaelii & s.: -Grammatonema; -G.diatomoides & s.: -G.ell.)---
 Oestrup 1897p.338: Cl.M.# 19;

GRAYIA.----- (Grove & Brun, 1892.)-

- ARGONAUTA, Grove & Brun.-Atlas pl.172f11: Del.Syll.p.937:

GRADIA.----- (G. Brun, 1892.)

- PEDALIS, A.S., Atlas 149f13: (Biddulphia f.)

GRUNOWIA.----- (Rabh., 1864.)-

- > SINUATA, Rabh.E.D.p.146; Cl.1363p.263; Brun Alp.p.III-3f32; Delogne;
 (Denticula; -Mittschia; -Nitzschia; -Lammina.)-
 TABELLARIA, Rabh.E.D.p.146,f46; Brun Alp.p.III-3f31; Delogne:
 Perag.p.66: (Denticula; -Nitzschia.)
 " v. ovata, Brun, Alp.p.III-3f31a; 9f12:

GRYMIA.----- (Bailey, ?)-

- , J.W.Bailey, MSS.:-(Ditylum.)

GUINARDIA.----- (Peragallo, 1872.)-

- BLAVYANA, Perag.-Led.No.9,p.107-13f2; Del.Syll.p.323:
 " v. constricta, Perag.-Led.No.9,p.107-13f1; Del.Syll.p.322:
 + FLACCICA, Perag.-Led.No.9,p.107-13f3-5; Del.Syll.p.325: (Lammina
 (Lammina striata, v. maxima; -Rhizosolenia f. & Castellanii, Grun.)

GUTWINSKIELLA.-(De Toni, 1894.)-

- CIRCULARIS, Brun.-Del.Syll.p.1324: (Cotylodon c.)-
 CLYPEUS, Brun.-Del.Syll.p.1324: "
 CORONALIS, Brun.-DeToni, Sylloge p.1324: "

GYRODISCUS.----- (Müll., 1886.)-

- HUNGARICUS, Pant.2p.75-9f137: Del.Syll.p.1012:
 VORTEX, Witt 1333p.23-9f13; Pantoc.2,p.73: Sp. -24f13:
 Del.Syll.p.1012: 20 f. 213

GYROPTYCHUS.--- (A. Schum., 1889.)-

- CONTABULATUS, A.S., Atlas 149f19: Del.Syll.p.1426:

+ arcticum. Cl. - Oestrup 1897 p. 314.

- , R.S.D.p.47: Archiv.Med.Anat. 1866 Nos. I, 2:
 ACUMINATUM, K.-Rabh.S.D.p.47-5f5a; Weisse 1864p.361-4f33; Hoffmann,
 Marburg; M.D.pl.IIf14; Cl.Nav.p.II4:
 (Fristulia; -Pleurosigma a., lacustre & Transylvanicum)
 " v. curta, Grun.-Cl.Nav.p.II4: (Pleur.a., var. curta.) ----
 " v. Brebissonii, Grun.-Cl.Nav.p.II4;
 (Pleur.Breb., & scalprum; -Pl.Balticum vars. "g" & Breb.) -
 " v. Gallica, Grun.-Cl.Nav.p.II4; -(Pleur.Gallicum & scalproides v.Gall.)
 AESTUARIUM, Breb.-R.S.D.p.47; M.D.pl.IIf35: (Pleur.a.)
 AGELLUS, E.-Rabh.S.D.p.47: (Pleurosigma.) -
 ANGULATUM, E.-M.D.pl.IIf32: -(Pleur.) ( ) --
 ANGUSTUM, Donk.-Cl.Nav.p.I20: (Donkinia; -Pleur.) --
 " v. Simatiana, Cl.Nav.p.I20: (Pleur.) --
 APULUM, Rabh.S.D.p.47-5f7: *achuanthes thing?* (Pleur.) --
 AUCHIUM, Grun.-Cl.Nav.p.II9: -(Donkinia subflexilis; -Pleur.) --
 " v. irregulare, Perag.-Cl.Nav.p.II9: (Pleur.a. var. irreg.)
 ATTENUATUM, K.-Rabh.S.D.p.47-5f2; M.D.pls.IIf17; IIf15; Weisse 1860p.
 359-3f42; Macdonald pl.IOf26; Hoffmann, Marburg; Cl.Nav.p.II5:
 (Fristulia; -Pleur.hippocampus; -Pl.att., var. Caspia.) ---
 " v. scalprum, Gaillon.-Cl.Nav.p.IIf6: -(Navic.: -Pl.acum., w.S., & Kochii.) -
 BAILEYI, Grun.-Cleve Navic.p.II4: (Pl.B.) ---
 BALTICUM, E.-Rabh.S.D.p.47-5f6; M.D.pl.IIf10; Cl.Nav.p.II3;
 (Navicula; -Pleur.B. & macron.) ---
 " v. Californica, Grun.-Cl.Nav.p.II9: (Pl.Balt., v. Calif.) -
 " v. similis, Grun.-Cl.Nav.p.II9: (Pleur.s.)
 " v. Sinensis, E.-Cl.Nav.p.II9: -(Navicula; -Pl.S., var. Calcuttensis.)
 COMPACTUM, Grev.-Cl.Nav.p.I20:
 (Donkinia antiqua & c.: -Pleur.Smithianum;
 Rhiccosigma Antillarum, c., Corsicanum, oceanicum, Reichardtianum.) --
 " v. constricta, Grun.-Cl.Nav.p.I20: (Rhiccosigma c.)
 CURVULA, Rabh.S.D.p.47-5f3; Weisse 1860p.359, 361-3f44;
 1864p.361-4f37; Hoffmann, Marburg; -(Pleur.: -Pl. & G. Spencearii.) --
 CUSPIDATUM, Rabh.S.D.p.47-5f5b; (Pl.acuminatum, var. & c.) -
 DECORUM, *MS.* -M.D.pl.IIf26: (Pleur.a.) --
 DELICATULUM, *MS.* -M.D.pl.IIf32: (Pleur.a.) -
 DIAPHANUM, Cleve Navic.p.II5:
 DIMINUTUM, Grun.-Cl.Nav.p.II9: (Pl.aim.) -
 " v. constricta, Grun.-Cl.Nav.p.II9: -(Pl.Biharense, c., & Reversum.) ---
 DISTORTUM, w.S.-M.D.pl.IIf20; Cl.Nav.p.II6: (Pl.ais.) --
 " v. Parkeri, Harrison.-Cl.Nav.p.II6: (Pl.Park.) ---
 " v. stauroneoides, Grun.-Cl.Nav.p.II6: (Pl.Parkeri v. staur.)
 DUBIA, Rabh.S.D.p.47: (Pleur.) --
 ELONGATUM, *MS.* -M.D.pls.IIf18; IIf31: (Pl.el.) --
 FASCIOLA, E.-M.D.pl.IIf21; Cl.Nav.p.II6: (Pl. & Ceratoneis f.)
 " v. arcuata, Donk.-Cl.Nav.p.II6: (Pl.arc.) -
 " v. sulcata, Grun.-Cl.Nav.p.II6: (Pleur.s.)
 " v. tendirostris, Grun.-Cl.Nav.p.II6: *Staur.* 877p.313: (Pl.ten.) -
 FRIGERII, Grun.-Cl.Nav.p.II6: (Plen. & Spencearii var. & c.) ---

- FORMOSUM, *N.* -M.D.pl.IIf25: (Pleur. *sigma* f.)
 GLACIALE, *Cl.* Nav.p.II5: (Pl. & Rhoicosigma g.)---
 GROVEI, *Cl.* Navic.p.II3: (Pl. *Grovei*.)---
 HASSALLI, *Rabh.* S.D.p.47-5fI: *weisse* 1860p.359-3f4I; 1864p.107-
 IIf13; *Littoralis*, *Var.* (Nav. *sigma*; -Pl. *donkinia*, *Cl.* Nav.)-
 LITTORALE, *Cl.* -Hassall *Alg.* p.433-1021II: *R.S.D.* p.47-5f3; *M.D.* pl.
 IIf36; (Nav.: -Pleur.)-
 INTERMEDIUM, *N.* -M.D.pl.IIf36: (Pleur. i.)---
 KUTZINGII, *Gran.* -Cl. Nav.p.II5: (Pleur. *gracilentum*, *K.*, &
wormleyi:-Pl. *Spencerii* vars. *acutiuscula* & *K.*)---
 LACUSTRE, *N.* -M.D.pl.IIf13: (Pl. *lac.*)-
 LAMPROCAMPA, *N.* -R.S.D.p.47-5f9: *weisse* 1860p.359-3f43:-(Nav.: -Pleur.)
 LITTELLII, *Gran.* -Cl. Nav.p.II2: (Pleur. *litellii*.)-
 " *v. longissima*, *Cl.* Nav.p.I20: (Donkinia & Pl. *long.*)
 LITTORALE, *W.S.* -M.D.pl.IIf19; *Cl.* Nav.p.II3: (Pl. *lit.*)-
 MACRUM, *W.S.* -M.D.pl.IIf22; *Cl.* Nav.p.II7: (Pleur. *m.*)---
 MEDITERRANEUM, *Cl.* Nav.p.I2I: (R'digma *M.*)
 " *v. calcarea*, *Brn.* -Cl. Nav.p.I2I:
 " *v. Chinensis*, *Cleve* Nav.p.I2I:
 NAVICULACEUM, *N.* -M.D.pl.IIf37, 38--Edition 1854:- (Pl. *nav.*)-
 OBLONGUM, *N.* -M.D.pl.IIf27: (Pl. *obl.*)
 PROLONGATUM, *N.* -M.D.pl.IIf25; *Cl.* Nav.p.II7: (Pl. *prol.*)
 " *v. closterioides*, *Gran.* -Cl. Nav.p.II7: (Pleur. *pro.*, var. *clost.*)--
 PLAGIOSTOMUM, *Gran.* -Cl. Nav.p.II3: (Pl. *p.* & *Sciotense*.)
 QUADRATUM, *W.S.* -M.D.pl.IIf34: (Pl. *q.*)---
 RECTUM, *Donk.* -Cl. Nav.p.II9: *oestrup* 1897p.314:
 (*Amphiptora* *Ralfsii*; -Pl. *Lorenzii*; -Pl. & *Donkinia* r.)---
 " *v. intermedia*, *Per.* -Cl. Nav.p.I20: (Donk. r., var. *int.*)--
 " *v. minuta*, *Donk.* -Cl. Nav.p.I20: (Donk. & Pl. *min.*)
 " *v. Thumii*, *Cl.* Nav.p.I20: (Donkinia)
 RIGIDUM, *N.* -M.D.pl.IIf30: (Pl. *rig.*)-
 ROBUSTUM, *Gran.* -Cl. Nav.p.I2I: (Pleur.: -Rhoicosigma.)---
 " *v. inflexa*, *Per.* -Cl. Nav.p.I2I: (Rhoicos. *inf.*)-
 SCALPELLUM, *Rabh.* S.D.p.47-5f10: (Pleur. *s.*)
 SCALPROIDES, *Rabh.* -Cl. Nav.p.II3: (Pleur. *s.*:-Pl. *Spencerii*, *v. scal.*)---
 " *v. eximia*, *Thw.* -Cl. Nav.p.II3:-(*Colletonema*; -*Endosigma*; -Pleur. *sigma*.)-
 " *v. obliqua*, *Gran.* -Cl. Nav.p.II3: (Pleur. *s.*)
 SPECIOSUM, *N.* -M.D.pl.IIf23: (Pleur. *s.*)
 SPECTABILE, *Gran.* -Cl. Nav.p.II3: (Pl. *spec.*)
 SPENCERII, *N.* -M.D.pl.IIf17; *Cl.* Nav.p.II7:
 (Pleur.: -Pl. *S.*, vars. *Arnottii*, *Antillarum*, *borealis*, *curvula*, *Smithii*.)--
 " *v. exilis*, *Gran.* -Cl. Nav.p.II7: (Pleur. *S.*, *v. exilis*.)
 " *v. minutula*, *Gran.* -Cl. Nav.p.II7: (Pl. *S.*, var. *min.*)
 " *v. nodifera*, *Gran.* -Cl. Nav.p.II7:-(Pleur.: -Pl. *S.*, var. *nod.*)--
 STRIGILE, *W.S.* -M.D.pl.IIf12; *Cl.* Nav.p.II5: (Pleur. *s.*)
 " *v. Capensis*, *Petit.* -Cl. Nav.p.II5: (Pleur. *C.*)-
 " *v. Smithii*, *Gran.* -Cl. Nav.p.II5: (Pleur. *S.*)
 " *v. tropica*, *Gran.* -Cl. Nav.p.II5: (Pleur. *t.*)

Nalamphora

Subgenus Amphoral: Vide Cl. 2p. 117: 1893.

- STRIGOSUM, *Wm.* -M.D.pl.IIf29: (Pleur. *str.* s.)----
 TENUISSIMUM, *Wm.* -M.D.pl.IIf24: Cl.Nav.p.IIf7: *Oestr.* 1897p.314:-(Pl. *ten.*)-
 " v. hyperborea, *Grün.* -Cl.Nav.p.IIf7: (Pleur. *ten.* v. *hyp.*)-
 " v. subtilissima, *Grün.* -Cl.Nav.p.IIf7: (Pl. *ten.* var. *s.*)-----
 TERRYANUM, *Perag.* -Cl.Nav.p.IIf4: (Pl. *ter.*)-
 THURINGIACA, *Reff.* -Rabh.S.D.p.47-5f4: (Pleur. *th.*)
 TRANSVERSALE, *Wm.* -M.D.pl.IIf37,33:???: (Pleur. *tr.*)
 WANSBECKII, *Donk.* -Cl.Nav.p.IIf9:-(Pleur. *w.*, & *Balticum* "b".)----
 " v. Peisonis, *Grün.* -Cl.Nav.p.IIf9: (Pl. *Spencerii*, v. *P.*)-
 " v. subsalina, *Perag.* -Cl.Nav.p.IIf9: (Pl. *Sl.*, var. *sub.*)---

HALIONYX.----- (*Ehr.*, 1844)-*Mon.B.* 1844 p.198

- BISENARIUS, *E.* -Jan. Guano p.26: *A.I(A)*, f6: (Error in print - in *sc.*)
 DENARIUS, *E.* -Janisch Gu.p.26:
 DUODENARIUS, *E.* -*Mon.* Ber. 1344p.186; K.S.A.p.120: (H. *duodenarius*.)-
 NONARIUS, *E.* -Jan. Guano p.25: (Actinophænia *splendens*.)
 OCTONARIUS, *E.* -Jan. Gu.p.25: (Actinopt. *splendens* & *sedenarius*.)-
 QUINARIUS, *E.* -Jan. Gu.p.25: (A' *cyclis*. q.)--
 SENARIUS, *E.* -*Mon.* B. 1344p.203; K.S.A.p.130: Prit.p.333; Jan. Gu.p.25: *af6*:
 SEPTENARIUS, *E.* -Jan. Gu.p.25: (Actinopt. *s.*)--
 SPLENDENS, *E.* -Abh. Ber. 1344p.203: (Actinophænia; -Actinopt.)----
 UNDENARIUS, *E.* -Mik. pl. 35A-2If12; M.D.pl.43f5; Prit.p.333-5f32; Jan. Gu.p.26-If1: (H. *duodenarius*; -H. *splendens*, var.)---
 VICENARIUS, *Janisch* Guano p.26-If2: (Actinoptychus *Janischii*.)--

HANTZSCHIA.----- (*Grien.*, 1880.)-

- ABYSSINICA, *Grün.*, Martelli, Bogosensis p.153-If6; *Notar.* 1336p.193; *Det.* Syll.p.563;
 AMPHIOXYS, *E.* -(*Grün.*), Cl. 1330p.103; 1331p.10; Vega p.431; 1391p.31; V. H.S.p.168-56f1,2; T.No.367; Lake Mich.: *Grün.* 1334p.47; Wollé pl. 51115-17; J.L.S. 1334p.245; *Malaise*; *Det.* S.p.561; *Mon.* p.193: (Eunotia; -Nitzschia a., W.S.)- *A.G.L.* 1895p.26:
 " v. amphilepta, *Grün.* -Cl. 1330p.103; M.J. 1330p.397-12f3; *Grün.* 1334p.48; *Det.* S.p.563; (Eunotia a.)--
 " v. arenicola, *Grün.* 1334p.43; *Det.* S.p.562;
 " v. Borneensis, *Cleve* Vega p.501:
 " v. Brasiliensis, *Grün.* 1334p.47; Cl. 1330p.103; Amazon; *Det.* S.p.562;
 " v. Californica, *Grün.* 1334p.47; Cl. 1330p.103; Vega p.492;
 " v. Capensis, *Grün.* 1334p.47; Cl. 1330p.103; *Det.* S.p.562;
 " v. capitellata, *Grün.* 1334p.43; Cl. 1330p.103; *Det.* Syll.p.562;
 " v. Dubravicensis, *Grün.* 1334p.43; *5637,8*: (Hantzschia B.)
 " v. elongata, Cl. 1331p.11; V.H.S. p.169-56f3; *Det.* S.p.562; *Mon.* p.193: (Hantzschia B.)
 " v. erythroea, *Grün.* 1334p.47; *Det.* S.p.562;
 " v. hyperborea, *Grün.* 1334p.47-If59; *Det.* Syll.p.562;
 " v. intermedia, *Grün.* 1334p.43; V.H.S. p.169-56f3; *Det.* S.p.562; *Mon.* p.193: (Hantzschia B.)
 " v. major, *Grün.* 1334p.43; V.H.S. p.169-56f3, II; *Det.* S.p.563; *Herib.* p.152;
 " v. Parnassiensis, *Grün.* 1334p.43; (Hantzschia P.)

Heliconia
H. van der Meer, 1887.

- * v. rupestris, Grun. I334p.48; Cl. I330p. I03; Det. S. p. 562; (Hantzsch.)
 * v. Uticensis, Grun. I334p.47; Det. Syll. p. 562;
 * v. vivax, Grun. I334p.43; Cl. I330p. I03; Vega p. 43I; V.H.S. p. I69-56f
 5, 6; T.No. 338; U.L.S. I334p. 245; Lake Michigan; Det. S. p. 562; 1911.
 p. I62: (Nitzschia v., Hantzsch.)-
 * v. xanthophylla, Grun. I334p. 47; Det. S. p. 561;
 AMPHOROIDES, Grun.-Cl. I330p. I04: (Nitzschia.)-
 CUBRAVICENSIS, Grun. I334p. 47; Det. S. p. 561; (Hantzsch.)-
 ELONGATA, Grun.-Cl. I330p. I04; I39I. 6I; Det. Syll.
 p. 563: (Eunotia Dianae; -H. amphioxys, v.: -Nitzschia.)-
 HYALINA, Grun. I334p.48; V.H.T. No. 9 sub; Det. S. p. 565:
 MARINA, Donk.-Grun.-Cl. I330p. I05; Vega p. 43I; Pritchardia p. 56;
 V.H.S. p. I69-56f I4; T. 339; Shark River; Det. Syll. p. 564:
 (Euphemia; -Ep. & Nitzschia raula.)---
 PETITIANA, Cl. & M. No. 292: (Nitzschia P.)
 PERNAMBUCENSIS, Grun. I334p.48; Det. S. p. 565: (H. amphioxys, v.)---
 RUPESTRIS, Grun.-V.H.S. pl. 56f9, I0: (H. amph., var.)-
 VIRGATA, Roper.-Cl. I330p. I04; Vega p. 50I; I39I. 6I; Det. Syll. p. 563;
 V.H.S. p. I69-56f I2, I3; (Nitzschia; -Pritchardia.)
 * v. dorsalis, Grun.-Cl. I330p. I04-56f I0; Vega p. 43I; Det. S. p. 561;
 * v. intermedia, V.H. Type No. 370:
 * v. Kalliana, Grun.-Cl. I330p. I04-56f I0; Vega p. 43I; Det. S. p. 561;
 * v. Wittii, Grun.-Cl. I330p. I05;
 Det. Syll. p. 564: (Hantzsch.)-
 VIVAX, Hantzsch.-V.H. Type I3 sub; (Nitzschia.)
 WEYPRECHTII, Grun. I334p. 55-If 60; Cl. I330p. I04; Vega p. 43I;
 Det. S. p. 563: (Nitzschia.)---
 WITTHII, Grun.-M.M.J. I330p. 397-I3f I3:

HAYNALDIA.----- (Pantocsek, 1889.)-

- ANTIQUA, Pant. 2p. I20: (Coscinoideus striatellatus; -Haynaldiella.)--

HAYNALDIELLA.-- (Pantocsek, 1893.)

- ANTIQUA, Pant. 3p. -32f457: Det. S. p. I3II: (Haynaldia a.)-

HEIBERGIA.----- (Grev., 1865.)-

- BARBADENSIS, Grev.-T.M.S. I337p. I00-313, 9; M.D. pl. I33I4;
 (Entogonia biargulata & distans; -Ent. Davyana, v.)-

HELIOPELTA.----- (Ehr., 1844.)-

- , Girard Boss. I. II-If 23; -, Sci. Goss. I333p. I3:
 DOLLONDII, E.-Mik. p. 259: (H. Ehrenbergii, I6 compartments.)--
 EHRENBURGII, Ralfs.-Prit. p. 340; Sm. Sp. I. I9I; Carp. I33I. I. If 3; A.M.M.J.
 I893p. 330 cum icone: (Heliopectae, species Jones.)-
 EULERI, E.-Abh. Be. I344p. 263; W.S.A. p. I32; Mik. pl. 33-I3f 3;
 Prit. p. 34I: (H. Ehrb., I2 comp.)
 LOEWENHECKII, E.-Abh. B. I344p. 263, f9; Mik. pl. 33-I3f 5; A.J.S. I343p. 324-
 4f "A": W.S.A. p. I32; Prit. p. 34I; M.D. pl. I9f4; Sci. Goss. I377p. 35; A.
 M.M.J. I332p. I97: (H. Ehrb., I0 comp.)

Helminthiasis.
H. V. H. 1892. —

- MEHII, E. - Abh. B. I344p. 268; K.S.A.p. I32; Prit. p. 341-IIf35; Edw. N. 4.
 pl. 2f17; Sci. Goss. I377p. 65: (H. Ehrb., 10 comps.)
 MULLERI, E. - Mik. p. 259: (H. Ehrb., 20 comps.)
 NITIDA, Grev. - T.M.S. I360p. 5-2f13; Woll. pl. 7If4; A.M.N.H.
 I39Ip. 1.2f46; (Actinoptychus.) ----
 PERFORATA, O'M. - M.J. I377p. 300, 463;
 PHAETHON, Johnson. - M.J. I360p. I3, I3: (Actinopt. undulatus.) --
 POLYCOM, E. - Mik. p. 259: (H. Ehrb., 3 comps.) --
 SELLIGUEII, E. - Abh. B. I344p. 268; K.S.A.p. I32; Prit. p. 341;
 STODDERI, Christian in litt.: (H. Ehrb., 14 comps.)
 SUPERBA, Christian in litt.: (H. Ehrb., 13 comps.)

HEMIAULUS.----- (Ehrb., 1844, memb. p. 203:

- , J.Q.C. I37Ip. -I4fII: (H. Kittori, can spinis.) -
 Castr. I337p. 99-2If9, I3: A.S. Atlas I52f30:
 -, Atlas I42fI, 9, IO, I2, 3I: -, Atlas I43f4, 45, 53:
 -, Atlas I44f44-47, 5I, 53;
 AFFINIS, Gran. I334p. 9: V.H.S. pl. IO3fIO, II: Woll. pl. 64fI5, I3:
 Atlantic City; Det. S. p. 339: (H. Leibergii, v.) ----
 ALATUS, Grev. - T.M.S. I365p. 3I-3fI4; Eul. Sp. 7.5I; M.T.P. 4-4-3; Gran.
 I334p. IO: Atlas I43fI4-22; Det. Syll. p. 342:
 ALGIDUS, Gran. I334p. I5-2f53; Det. Syll. p. 352;
 AMBIGUUS, Gran. I334p. IO-2f25, 26; Atlas I42fI3-24; Det. S. p. 342;
 AMPLECTANS, Grove & St. - J.Q.C. I337p. 76-6fI7: Atlas I43fI-3:
 (Synaetoneis.)
 v. major, Gro. & St. - J.Q.C. I337p. I44-I3f44; (H. amplex.)
 ANGUSTIUS, Greville. - T.M.S. I365p. 30-3fI2; Granow I334p. 9:
 J.Q.C. I337p. I44; Det. Syll. p. 340:
 ANTARCTICUS, E. - Abh. Ber. I344p. 265, f3; Mik. pls. 35A-2 fI3-17; 35B-22 fI3:
 K.S.A.p. I39; weisse I354p. 242-IIfI3e, f; Prit. p. 85I-IIf54: R.E.D.p.
 3I5: M.D. pl. I3f3; London Clay; O'M. Kerg.: Det. Syll. p. 354:
 (H. polycystinorum, var., & Rossicus; -Odontella?) ---
 APPLANATUS, Brun I39Ip. 30-I3f3; Det. Syll. p. 353;
 ARCTICUS, Gran. I334p. II-2f27; Det. S. p. 344;
 ALTAR, Br. - Sed. 2, 7, 22 pl. 20f19, 20; - Atlas I43f45, 46. - (Triceratium - Trinacra.) -
 AUSTRALIS, E. - Abh. Ber. I344p. 203; K.S.A. I. I59; Prit. p. 35I:
 R.E.D. p. 3I5; Det. S. p. 354: (Odontella?) --
 BARBADENSIS, Gran. I334p. II: J.Q.C. I337p. II: Det. S. p. 344;
 BIHARENSIS, Pant. 3p. - 33f523, 529:
 BIPONS, E. - V.H.S. pl. IO3f6-9; Gran. I334p. I3; Woll. pl. 64f24, 28, 29: A.
 M.M.J. I39Ip. 1.2f37; Det. S. p. 35I: (Bialuphia; -Zygoceros.) -
 CALIFORNICUS, E. - Mik. pl. 33-I3fI5; Prit. p. 35I: R.E.D. p. 3I3; Gran.
 I334p. IO: Woll. pl. 64f54; Det. Syll. p. 340:
 CAPITATUS, Grev., T.M.S. I365p. 54-6f24; Gran. I334p. I2;
 Det. Syll. p. 343: (i. incluser.)
 CARINIFERUS, Gran. - Cl. & M.N. I37; Det. Syll. p. 353;
 CAVERNUS, Brun I39Ip. 3I-I2f7; Det. S. p. 349;
 CHINENSIS, Grev. - A.M.N.H. I365p. 5-5f9; Det. S. p. 353;

1. How many times

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- CLAVIGER, A.S., Atlas I43f5, 6; Det.Syll.p.342;
 CRENATUS, Grev.-T.M.S.I365p.I01-3fI2; Gran.I334p.I3; Det.S.p.351;
 DANICUS, Gran.I334p.I3-2f40, 41; Atlas I43f43; Det.S.p.343;
 DISSIPILIS, Grev.-J.Q.C.I37p.I43-I3fI2; Notar.I333p.I3;
 Det.Syll.p.343;
 DIVERSUS, Gran.I334p.9; Det.Syll.p.339;
 DUBIUS, Gran.I334p.9-5f54; Det.S.p.339;
 ELEGANS, Heib.-Gran.I334p.I4; Witt I337p.26-9fI3; Pant.2,p.32; Atlas
 I44f34, 35; I44f2, 4; Det.S.p.352; (Crenatus?)-----
 " v. intermedia, Gran.I334p.I4-2f51, 72; (I.334p.I4)---
 EXIGUUS, Grev.-T.M.S.I365p.29-4fI2; Gran.I334p.I2; Det.S.p.343;
 FIBRATUS, Heiberg p.49-2f5; R.E.D.p.314; J.Q.C.I37p.I01-I4fI3-15;
 Gran.I334p.II-2f23; Atlas I43f44; Det.S.p.345;
 FRAGILIS, Gran.I334p.I0; Det.S.p.342;
 GLACIALIS, Castr.I337p.I00-25f4; Notar.I339p.753; Det.Syll.p.351;
 (H. polymorphus, var.)-
 HASTATUS, Grev.-T.M.S.I365p.31-3fI5; Gran.I334p.9; Det.Syll.p.340;
 HAUCKII, Gran.I334p.9; V.H.S.pl.I03fI0; Per.Villief.p.70; Det.S.p.337;
 Castr.Mediter.I375p.33, f2: *Cl. 1897p.23* ( )
 HEIBERGII, Cl. Java p.6-I4; Gran.I334p.3; Villief.p.70; Malaisie;
 Det.Syll.p.337; *Cl. 1897p.23* (H. affinis.)
 HOSTILIS, Heib.p.43-I4; R.E.D.p.314; London Clay; J.Q.C.I37p.I01-
 I4fI-I4; Gran.I334p.II-2f32, 33; Atlas I43f42; I44fI; Det.S.p.343;
 " v. polaris, Gran.I334p.I2-2f31; Det.S.p.343;
 HUNGARICUS, Pant.I, 43-29f29I; 2, p.32; Notar.I333p.534;
 Pant.3p. -I9f234, 235; Det.S.p.352;
 HYPERBOREUS, Gran.I334p.II-2f29, 30; Det.Syll.p.343;
 INCLUDENS, Gran.I334p.I2-2f36-38; Witt I335p.26-3f5; 9f6; J.Q.C.
 I337p.II; Pant.2, p.32; Det.S.p.347; (H. & Biddulphia capitata.)-
 KITTONI, Gran.-(J.Q.C.I37Op. -I4fII sans nom.): V.H.S.pl.
 I03f6-9; Gran.I334p.9; Atlas I42f2-8; Det.S.p.333;
 LAEVISSIMUS, Gran.I334p.I0; Det.Syll.p.340;
 LATUS, A.S., Atlas I42f25; Det.S.p.349;
 LOBATUS, Grev.-T.M.S.I365p.29-3f9; Witt I335p.26-9f7, 8; Gran.I334p.
 II; Pant.2, p.32; Det.S.p.345;
 LONGICORNIS, Grev.-T.M.S.I365p.31-3fI3; Gran.I334p.I0; J.Q.C.I337p.
 II; Det.Syll.p.341;
 LYRIFORMIS, Grev.-T.M.S.I365p.30-3fII, 2f; Gran.I334p.I0; J.Q.C.
 I337p.II; Atlas I43f7, 8; Det.S.p.342;
 MALLEOLUS, Pant.Ip.43-3f63; Notar.I333p.535; Det.Syll.p.349;
 MEMBRANACEUS, Cleve Java p.6-I4; Gran.I334p.3; Atlas I42fI3-I5;
 Malaisie; Det.S.p.337;
 MESOLEIUS, Gran.-V.H.S.pl.II3fI4; Det.S.p.353; (Triceratium?)--
 MINUTUS, Grev.-T.M.S.I335p.I01-3f; Gran.I334p.I3; Det.S.p.350;
 MIRUS, A.S., Atlas I42f33; Det.Syll.p.349;
 MITRA, Gran.I334p.9-2f24; Det.Syll.p.333;
 " v. areolata, Gran.I334p.9-2f54; Det.S.p.333;

MONICAE, Grun. I334p. IO: DeT. Syll. p. 340;
 MUCRONATUS, Grev. -T.M.S. I335p. 23-3f6; Grun. I334p. 9; DeT. S. p. 339;
 OBTUSUS, E. -Abh. Ber. I344p. I93; DeT. Syll. p. 354;
 ORNITHOCEPHALUS, Grev. -T.M.S. I335p. 32-3f16; Grun. I334p. IO: J.Q.C.
 I337p. II, 77-3f13, I9: Witt I333p. I3-3f13, I9, 20, 24, 25; Atlas
 I42f34, 36, 37; DeT. S. p. 343;
 " vars., A.S., Atlas I42f26-32, 35, 38, 39;
 " v. Nicobaricus, Grun. I334p. IO: DeT. S. p. 343;
 PAYERI, Grun. I334p. I2-3f39; DeT. S. p. 347;
 PETASIFORMIS, Pant. I2p. 43-29f925; Notar. I333p. 555: (Plisaria.)-
 PERLONGUS, Pant. 2p. 32-20f315; DeT. Syll. p. 343;
 PODAGRICUS, Grun. I334p. I3: DeT. S. p. 343; (Biddulphia.)--
 POLYCYSTINORUM, E. -Abh. Ber. I355p. 299: I375p. I-2f15; Mik. pl. 33f43a-a;
 Prit. p. 351; Eul. Sp. T. 50; London Clay; R.E.D. p. 315; M.T.P. 4-3-2;
 Grun. I334p. I3; Atlas I43f23-29; Woll. pl. 34f19, 20, 24, 25, 27; DeT.
 Syll. p. 349: (Bidd. cirrh.)
 " v. mesolepta, Grun. I334p. I3-2f43; DeT. S. p. 350;
 " v. Sibirica, Witt I335p. 27-6f1, 2: (H. Rossicus.)--
 " v. Simbirskiana, Grun. I334p. I3-2f44, 45: -(Bidd. Saratoviana; -H. Antaret.)
 POLYMORPHUS, Grun. I334p. I4; J.Q.C. I337p. II: Woll. pl. 25f23-25;
 Atlas I43fII-I3; Pant. 2, p. 33; DeT. S. p. 351;
 " v. frigida, Grun. I334p. I4-2f47-49; Atlas I43f35, 36; DeT. S. p. 352;
 " v. glacialis, Grun. I334p. I4-2f50a, b; DeT. S. p. 352: (H. glae.)--
 " v. Morsiana, Grun. I334p. I4-5f53; DeT. Syll. p. 351: (Hem. Mors.)
 " v. pusilla, Grun. I334p. I4-4f42; DeT. S. p. 351;
 " v. Virginica, Grun. I334p. I4-2f46; DeT. S. p. 351;
 PROTEUS, Heiberg p. 47-I fI; R.E.D. p. 314; J.Q.C. I370p. IOI-II fI-6;
 Grun. I334p. I2; Atlas I43f30-34; DeT. S. p. 347;
 PULVINATUS, Grev. -T.M.S. I335p. 23-3f3; Grun. I334p. I3; DeT. S. p. 350;
 PUNCTATUS, Grev. -T.M.S. I335p. 23-3f7; Grun. I334p. I3; DeT. S. p. 350;
 PUNGENS, Grun. I334p. II-5f56; DeT. S. p. 345; I13f13;
 QUINQUEGUTTATUS, Grun. in V.A.S. p. 27-3f5; DeT. Syll. p. 354: (Tricrati.)-
 RETICULATUS, Grev. -T.M.S. I335p. 27-3f5; Grun. I334p. II: DeT. S. p. 344;
 ROBUSTUS, Grev. -T.M.S. I335p. 27-6f53; Grun. I334p. IO: DeT. S. p. 343;
 ROSSICUS, Pant. 2, p. 32; (H. Antareticus, p. 1: -H. Polycystinorum, v.)----
 ROSTRATUS, Pant. 3p. -37f52I, 523; DeT. S. p. 350;
 SARATOVIANUS, Pant. 2p. 33-I3f235; DeT. S. p. 353;
 SIBIRICUS, Grun. I334p. I2-2f34, 35; Atlas pl. II3f3, 9; Pant. 2, p. 33;
 DeT. Syll. p. 347;
 SUBACUTUS, Grun. I334p. 9-5f55; DeT. Syll. p. 333;
 SUBSYMMETRICUS, Grun. I334p. 9: DeT. S. p. 333;
 SYMMETRICUS, Grev. -T.M.S. I335p. 55-3f22; Grun. I334p. 9: DeT. S. p. 340;
 SZABOI, Pant. 2p. 33-I4f250; DeT. Syll. p. 344;
 TENUICORNIS, Grev. -T.M.S. I335p. 29-3f10; Grun. I334p. IO: Atlas I43f
 9, IO: J.Q.C. I337p. II-I3f45; DeT. S. p. 341;
 TSCHESNOVII, Pant. 2p. 33-I5f256; DeT. S. p. 343;
 UNICORNATUS, Brun. -LeD. No. I2p. I75-24f3;
 WEISSEI, Grun. I334p. II-5f52; DeT. S. p. 345; Atlas I43f37-41;

1 *pilosa*, E. - (*Trinacria*)

2 " *v. baccata*, Br. - *Le D. vol. 2, no. 22 p. 238-2 of 22, 23*;

(*Trin. pil.*, v.; - *Tric. subcap. v. bac.*)

capitata, Br. - (*Capitata*)

3 *simplex*, Br. - *Le D. 2, no. 16 p. 77-6 of 8, 9.* -

4 *truncata*, Br. - *Le D. 2, no. 22 p. 243-2 of 25* - (*Trunc.*)

5 *truncata*, Br. - *Le D. 2, no. 16 p. 77-6 of 8, 9.*

WEISSLOGII, Pant. 3p. -27f40I, 402:
WITTII, Grun. I334p. IO: Det. Syll. p. 34I:

HEMIDISCUS. .... (Wallich, 1860.) -

CAPILLARIS, Brun.

(Euodia ?)

CUNEIFORMIS, Wallich. -T.M.S. I350p. 42-2f3, 4; Prit. p. 353-6f14; R.E.D.
p. 3I3; Cl. I373p. I9; Vega p. 509; Malaisie;

(Euodia gibba.) -----

INORNATA, Castr. I337p. I49:

(Euodia.)

HEMIPTYCHUS. .... (Ehr., 1846.) -

ORNATUS, E. -Abh. Ber. I343p. 7: *Q. J. m. S. 1858p. 160:* - (Arachnoidiscus.) ---

HEMIZOSTER. .... (Ehr., 1844.) -

-, E. -Abh. Ber. I344p. I99: Det. Syll. p. I426:

See D. no. 20 p. 185.

(Non-Diatomaceous.) -

HENSENIELLA. .... (Schuett, 1871.) -

BALTIICA, Hensen. - (Schuett), Det. Syll. p. I425:

(Pyxilla.)

STEPHANOS, Hensen. - (Schuett), Det. S. p. I425:

"

HERCOTHECA. .... (Ehr., 1844.) -

BREVISPINA, Grun. -Cl. & M. 2I5; Det. Syll. p. IO06:

MAMILLARIS, E. -Abh. Ber. I344p. 269: Mik. pl. 33-13f7; K.S.A. p. 27; Prit. p.
337-7f35; M.D. pl. 43f3I; Wille pl. 64f22, 23; A.M.M.J. I39Ipl. 2f32;

Det. Syll. p. IO05:

HERIBAUDIA. .... (Peragallo, 1894.) -

TERNARIA, Perag. -Heribaud p. I96-5f25:

HETEROCAMPA. .... (Ehr., 1869.) -

ARCUS, E. -Abh. Ber. I339p. 49, pl. 2-2f14;

PARADOXA, E. -Abh. B. I339p. 50, pl. 2-2f15;

VENTRICOSA, E. -A. Ber. I339p. 50, pl. 2-2f16:

HETERODICTYON. - (Grev., 1863.) -

-, Rabh. E.D. p. 35:

JEFFREYSIANUM, Castr. I337p. 137-24f3: Notar. I339p. 753; Det. S. p. II93:

RYLANDSIANUM, Grev. -T.M.S. I333p. 66-4f6: Det. Syll. p. II93;

SPLENDIDUM, Grev. -T.M.S. I333p. 67-4f7: *Det. S. p. 1193:* - (Brightwellia.)

HETEROMPHALA. -- (Ehr., 1858.) -

BINODIS, E. -Abh. Ber. I372p. -2f23; Det. Syll. p. 730:

4IMANTIDIUM, E. -Abh. B. I353p. I3; I372p. -II f29; Det. Syll. p. 730:

(Glyphodesmis williamsoni; -Plagiogramma.) ---

TRINODIS, E. -A. Ber. I36Ip. 295: Det. S. p. 730:

HETERONEIS. .... (Cleve, 1893.) -

AMERICANA, Cl. - *See D. 2, no. 19 p. 143.*

(Achnanthes.) --

LAGERHEIMII, Cl. - *See D. vol. 2, no. 22 19p. 143: -*

"

LILLGEBORGII, Cl. - *See D. 2, no. 19 p. 143: -*

"

VARZARYI, Cl. -

"

Rothia,

var. "a" septemaria.

" "b" octonaria.

" "c" nonaria.

" "d" decaria.

} Cl. & Hook p. 155:

Arceuthobium pl 3-3f/3:

Godwin R. S. p. 150:

Linnaeus, Palmes L., p. 55. 3/7:

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Prit. p. 833-5f35: Cl. I373p. I9: (Coscinaeae R.)--

HIMANTIDIUM. --- (Eury, 1847)

- , Mar. A. N. D. 1. 375: -, Pol. Sci. Rev. I377p. I41, 146:
-, Tanarek I379p. 46: -, Pfitzerp. 93: - *Bn. Alpes p. 47*:
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AMPHIOXYS, E.-Mik. p. I2f; Prit. p. 766:
ARCUS, E.-Abh. Ber. I340p. I7: Amer. pl. I310, II; I-4f2a-c; 4-IffI; M. J. 12.
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I373p. I7; Deby D. T. p. : Brun Alp. p. 43-2f20; Hoffmann, Marburg; Petit
& Leud.; liste p. 25; Tanarek I379p. 47, f25c; Spamer, Guren; Malaisie;
Belloc, Luchon p. 55, f2;
(Bacillaria major: -Cystopleura ericaeformis; -Eunotia a., monodon &
uncinata; -H. attenuatum, haleyonella, pectinata.) -
" var. "b" bidens, E.-Grun. I362p. 339: (Him. b.) -
" var. "g" curta, Grun. I362p. 339-3fI6; Schum. I364p. I3-2f2; Lagr. I373p.
I7: Brun Alp. p. 43: -(Eunotia monodon; -H. arcus, w. S.) ---
" v. major, Brun Alp. p. 43: (H. major, w. S.) -
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pls, 3-IffI4; 3-3fI1, I2; 3-4f2I; 4-2f24; 4-3f20; 5-IffI7; I5-A, f72; K. B.
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77: Nylander, w.: Belloc, Luchon p. 55, f2. (*Bidens*)
(E. major, var., & bidens, bigibbs: H. major, var.) -
bidens, v. diodon, E.-Brun Alp. p. 50-9f2I:
BORYANUM, Pant. 2, p. 6I: (Eunotia.) --
CAMELUS, E.-Mik. pp. 68, 70: Prit. p. 766:
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DENTICULATUM, Breb. -K. S. A. p. IO: Prit. p. 766: (Eunotia d. & pectinata.) -
DILATATUM, W. J. 12. 12. 12. I360p. 4, 11. 7:
DIODON, Bailey M. O. p. 6: (Eunotia.)
DOLIOLUS, Grun. I362p. 342-3f3: (Eunotia; -Pseud. Eun.: -Synedra.) ---
EIREMBERGII, (Ralfs) -Lagr. I373p. I3: (Eunotia.) ---
" var. "a" trientula, E.-Lagr. I373p. I3: (Eun. tri.)
" var. "b" quaternarium, E.-Lagr. I373p. I9: (Eun. quat.)
" var. "g" quinarium, E.-Lagr. I373p. I9: (Eun. quin.)

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- EXIDUM, E.-K.S.A.p.13; R.S.D.p.19; M.D.pl.12-1127; Prit.p.733;
 Carr.p.77; 340-5115; Carr.p.77: (Eunotia) - Exidum -
 444, E.-Mik.pls.1-1330; 1-5115-c; Schum.1377p.51;
 (Bacillaria vulgaris; -Eunotia; -E. & H. Solierii.)
 FALKLANDIAE, E.-Mik.p.239; Prit.p.733:
 GIBBUM, E.-Nylander, w.: (Eunotia.)
 GRACILE, E.-Amer.p.129, 112-119; 3-1141; Mik.pls.2-2015; 3-1141;
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 Mill; Prit.p.733; 12115; 105; Grun.1362p.340-5115; Schum.1377p.51;
 53; Carr.p.77: Mill; Cl.1363p.235; 1363p.235; 1363p.235; 1363p.235;
 13; 1363p.235; S.Spl.1.192; Brun Alp.p.43-2122; Petit & Lema.
 Amazon: Belloc, Luchon; (Eun.g., major, depressa & uncinata.)
 " var. Petit & Lema.p.12-112;
 GUIANENSE, E.-Amer.p.129, pl.1-2f4; K.B.p.40-29f41; K.S.A.p.10; R.S.
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 (H. arcus: -Eun. arcus & alpina.) ---
 MAJUS, S.B.D.p.14-53f236; Braemar; Mill; Prit.p.733; Bleisch, 1362;
 Grun.1362p.340; Schum.1377p.53; Carr.p.77; Cl.1363p.235; Girard Boss.
 p.11-1132; Borseow pl.2f10; Nylander, w.: Arenig Bach: Amazon;
 Belloc, Luchon: (Eunotia.)--
 " var. "b" bidens, S.B.D.p.14-50f236b; Grun.1362p.340;
 Carr.p.77: (H. bidens.)
 MARINUM, w.S.-A.M.N.1.1359p.10-2f14; Prit.p.733:
 MINUS, K.B.p.39-13f10(I-4); K.S.A.p.9; R.S.D.p.19-112; Schum.1377p.
 53-119; Prollius p.74; Hoffmann, Marb.: Spamer, Duren;
 (Eunotia; -H. pectinale, v.) ---
 MONODON, E.-Amer.p.129pls.4-11f10; 4-5f6; Mik.pls.2-3f25; 3-2f13a-c; 4-
 11f12; 33-415; K.B.p.40-29f42; K.S.A.p.9; R.S.D.p.19-112; Prit.p.
 733-12129; 1115, 17; Carr.p.77; Nylander, w.: 1363p.235;
 (Eunotia arcus & m.) ---
 PAPILIO, E.-Amer.p.129 pl.2-11f2a,e; Mik.pls.34-5a,f6; 59-11f14; Nord.p.
 --2f4-6; K.B.p.40-29f35,48; K.S.A.p.9; R.S.D.p.19-112; Prit.p.733-
 12f45,49-52; Lagr.1373p.17: (Eunotia diodon & f.)
 PALUDOSUM, Lagr.1373p.13: (Eun. pal.)
 PARALLELUM, E.-Mik.pl.14f53a,b; Prit.p.735; Lagr.1373p.13:
 Belloc, Luchon: (Eun. pal.)
 PECTINALE, K.B.p.39-13f11; K.S.A.p.9; R.S.D.p.19-11f1a,b; Mill; S.B.D.
 21.12-32f230; M.D.pl.12f33; Desmaz.1, No.652; 2, No.152; westernoll, G.
 Braemar; Prit.p.735-4f6; 9f171-176; Heib.p.103; Grun.1362p.341; Cl.
 1367p.636; 1363p.235; Mill; Carr.p.77; New Zealand; Nylander, w.: Edw.
 N.H.1.1.3f30,31; Schum.1377p.41,54; Manoury 1370pl.2f11-13; Pfitzer
 p.93-3f1-4; Macdonald pl.10f23; Petit & Lema.; liste p.25; Class.f
 20; T.M.S.1377p. -137f20; Sm.Spl.1.193; Brun Alp.p.43-2122; Tanaka
 1379p.47,f25B; Delogne; Prollius p.74; Belloc, Luchon; Amazon; Gallin,
 Papan; Hoffmann, Marburg; Spamer, Duren;

var. undulata, Frag. pect., ϕ , undulata; -

Solierolii, Tanq. Ann alp. p. 50;

- (Frag. grandis & p.: -Conferva bronchialis & p.: -Eunotia denticulata, depressa, nodosa & p.: -H. arcus, minus & strictum: -Ternarium:) ---
 " v. minor, K. -Gran. 1862p. 341-3f19; Petit liste p. 25; Sm. Sp. T. 194; Brun Alp. p. 49-2f19; Bellec, Luchon: (H. minus.) ---
 " v. undulata, Gran. 1862p. 341; Brun Alp. p. 49-2f22a; 9f19: (H. und.) ---
 POLYDENTULA, Brun Alp. p. 51-2f27: (Eunotia 3-4-5-6-7-3 alia & illa.) ---
 POLYODON, Brun Alp. p. 50-2f25: -(Eun. diadema, robusta, 3-4-5-6-7-3-judi.) ---
 PRAERUPTUM, Ralfs. -Prit. p. 765: (Eunotia.) ---
 QUATERNARIUM, E. -Abh. Ber. 1852p. 235; R. S. D. p. 20: Prit. p. 766: " "
 QUINARIUM, E. -Abh. Ber. 1852p. 235; R. S. D. p. 20: Prit. p. 766: " "
 REGIOMONTANUM, Schum. 1862p. 184-3f8: 1864p. 14: (Eun. m.) ---
 ROBUSTUM, Heib. p. 106; Cl. 1863p. 236; Lagr. 1873p. 13: (Eunotia, Ralfs.: -Eun. enneodon & tetraodon.) ---
 " v. diodon, W. S. -Lagr. 1873p. 17: -(H. bidens, W. S.: -E. bigibba & a., W. S.) ---
 " v. triodon, W. S. -Lagr. 1873p. 17: (Eun. tr., W. S.) ---
 SOLIEROLII, K. B. p. 39-16f9; K. S. A. p. 9: R. S. D. p. 19-1f3; R. Alg. E. No. 333: S. B. D. 21. 1861s. 33, 35f232; Prit. p. 765-14f13; Gran. 1862p. 342; Bellec, Luchon; Bleisch, 1863; Carr. p. 77: Hedw. Vol. 2p. 42-7f5-3; Spamer, Duren; Petit liste p. 25; Sm. Sp. T. 195; Hoffmann, Marburg; Brun Alp. p. 49-2f23; (Eunotia; -Eun. & H. faba; -Frag. hyemalis, Duby, & pectinalis.) ---
 SPECTABILIS, E. -Mik. pl. 3-4f26;
 STRIATUM, Wigand. -Hedw. 21. 42-7f10-12: Hoffmann, Marburg: (Eunotia.) ---
 STRICTUM, Rab. S. D. p. 19-1f1c: Hoffmann, Marb.: -(Eunotia & H. pectinalis.) ---
 TERNARIUM, E. -Mik. pl. 34-3a, f5; Prit. p. 766:
 TETRAODON, Breb. -K. S. A. p. 10: R. S. D. p. 20-1f11: Nylander, W.: Hoffmann, Marburg: (Eunotia t.) ---
 TEXTICOLA, E. -Mik. p. 3f; Prit. p. 766:
 THERMALE, Cronan. -Algues Gaudaloupe p. 2: Del. Syll. p. 1423;
 TRIDENTULUM, E. : Cl. 1863p. 236: (Eunotia.) ---
 TRIODON, Perty Kl. Leb. p. 193-17f5; Prit. p. 766: " "
 TSCHIRSCHIANA, Muller. -Java 1890p. 328-19f14-17: " "
 UMBILICATUM, E. -Mik. p. 140; Prit. p. 766:
 UNDULATUM, S. B. D. 21. 12-33f231: Braemar; Mull: Prit. p. 766: Carr. p. 77: Arenig Bach; Lewis, W. M. D. p. 12-2f13; Nylander, W.: Sm. Sp. T. 196: Sci. Goss. 1867p. 153, f163: (Eun. nodosa; -Eun. & Him. pectinale, v.) ---
 VENERIS, K. B. p. 40-30f7; K. S. A. p. 9: R. S. D. p. 20-1f4c; Prit. p. 766: Gran. 1862p. 342-6f17: (Eun. laevis & veneris.) ---
 VENTRALE, E. -Mik. p. 121; Prit. p. 766:
 WILLIAMSONI, S. B. D. 21. 14-33f237: -(Diadesmis, Dimerogramma, Glyptodesmis).
 ZEBRA, E. -Mik. p. 109; Prit. p. 766:
 ZYGODON, E. -Mik. pl. 39-3f76, 77: A. J. S. May 1851, f56;

HOMOEACLADIA. -- (Agardh, 1827.)

- , Meneg. A. N. D. p. 423: ---, R. E. D. p. 51: ---, Agardh, Bot. zeit., 1827.
 ANGLICA, Ag. Cons. p. 25; K. Syn. p. 62; K. B. p. 110-30f32; K. S. A. p. 93: A. M. N. H. 1845p. 109-3f1; 179-18f1; Desmaz. I, No. 1469; 2, No. 1069; Prit. p. 734: Sm. Sp. T. 673: (H. Martiana & Difformis.) ---

+ Germanicavari. - Moller. Cat 1897 p. 11.

+ S. boohacensis, Oestrup 1897 p. 332

1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001

(*Ceratonia*, *Mitrochla*, *Mitrochla* *glabrata*: - (C. 1701) ---
 ARBUSCULA, K.B.p.III-22fII; K.S.A.p.93: Prit.p.734: R.E.C.p.165:
 (H.Martiana, v.) ----

Det. S. p. 557; (Mitschia frustulum, v.)

(H. Martiana, v.)----

H. Anglica & Martiana.) --

¹ var. ⁿ ⁹, ¹⁰ ¹¹, ¹², ¹³, ¹⁴, ¹⁵, ¹⁶, ¹⁷, ¹⁸, ¹⁹, ²⁰, ²¹, ²², ²³, ²⁴, ²⁵, ²⁶, ²⁷, ²⁸, ²⁹, ³⁰, ³¹, ³², ³³, ³⁴, ³⁵, ³⁶, ³⁷, ³⁸, ³⁹, ⁴⁰, ⁴¹, ⁴², ⁴³, ⁴⁴, ⁴⁵, ⁴⁶, ⁴⁷, ⁴⁸, ⁴⁹, ⁵⁰, ⁵¹, ⁵², ⁵³, ⁵⁴, ⁵⁵, ⁵⁶, ⁵⁷, ⁵⁸, ⁵⁹, ⁶⁰, ⁶¹, ⁶², ⁶³, ⁶⁴, ⁶⁵, ⁶⁶, ⁶⁷, ⁶⁸, ⁶⁹, ⁷⁰, ⁷¹, ⁷², ⁷³, ⁷⁴, ⁷⁵, ⁷⁶, ⁷⁷, ⁷⁸, ⁷⁹, ⁸⁰, ⁸¹, ⁸², ⁸³, ⁸⁴, ⁸⁵, ⁸⁶, ⁸⁷, ⁸⁸, ⁸⁹, ⁹⁰, ⁹¹, ⁹², ⁹³, ⁹⁴, ⁹⁵, ⁹⁶, ⁹⁷, ⁹⁸, ⁹⁹, ¹⁰⁰, ¹⁰¹, ¹⁰², ¹⁰³, ¹⁰⁴, ¹⁰⁵, ¹⁰⁶, ¹⁰⁷, ¹⁰⁸, ¹⁰⁹, ¹¹⁰, ¹¹¹, ¹¹², ¹¹³, ¹¹⁴, ¹¹⁵, ¹¹⁶, ¹¹⁷, ¹¹⁸, ¹¹⁹, ¹²⁰, ¹²¹, ¹²², ¹²³, ¹²⁴, ¹²⁵, ¹²⁶, ¹²⁷, ¹²⁸, ¹²⁹, ¹³⁰, ¹³¹, ¹³², ¹³³, ¹³⁴, ¹³⁵, ¹³⁶, ¹³⁷, ¹³⁸, ¹³⁹, ¹⁴⁰, ¹⁴¹, ¹⁴², ¹⁴³, ¹⁴⁴, ¹⁴⁵, ¹⁴⁶, ¹⁴⁷, ¹⁴⁸, ¹⁴⁹, ¹⁵⁰, ¹⁵¹, ¹⁵², ¹⁵³, ¹⁵⁴, ¹⁵⁵, ¹⁵⁶, ¹⁵⁷, ¹⁵⁸, ¹⁵⁹, ¹⁶⁰, ¹⁶¹, ¹⁶², ¹⁶³, ¹⁶⁴, ¹⁶⁵, ¹⁶⁶, ¹⁶⁷, ¹⁶⁸, ¹⁶⁹, ¹⁷⁰, ¹⁷¹, ¹⁷², ¹⁷³, ¹⁷⁴, ¹⁷⁵, ¹⁷⁶, ¹⁷⁷, ¹⁷⁸, ¹⁷⁹, ¹⁸⁰, ¹⁸¹, ¹⁸², ¹⁸³, ¹⁸⁴, ¹⁸⁵, ¹⁸⁶, ¹⁸⁷, ¹⁸⁸, ¹⁸⁹, ¹⁹⁰, ¹⁹¹, ¹⁹², ¹⁹³, ¹⁹⁴, ¹⁹⁵, ¹⁹⁶, ¹⁹⁷, ¹⁹⁸, ¹⁹⁹, ²⁰⁰, ²⁰¹, ²⁰², ²⁰³, ²⁰⁴, ²⁰⁵, ²⁰⁶, ²⁰⁷, ²⁰⁸, ²⁰⁹, ²¹⁰, ²¹¹, ²¹², ²¹³, ²¹⁴, ²¹⁵, ²¹⁶, ²¹⁷, ²¹⁸, ²¹⁹, ²²⁰, ²²¹, ²²², ²²³, ²²⁴, ²²⁵, ²²⁶, ²²⁷, ²²⁸, ²²⁹, ²³⁰, ²³¹, ²³², ²³³, ²³⁴, ²³⁵, ²³⁶, ²³⁷, ²³⁸, ²³⁹, ²⁴⁰, ²⁴¹, ²⁴², ²⁴³, ²⁴⁴, ²⁴⁵, ²⁴⁶, ²⁴⁷, ²⁴⁸, ²⁴⁹, ²⁵⁰, ²⁵¹, ²⁵², ²⁵³, ²⁵⁴, ²⁵⁵, ²⁵⁶, ²⁵⁷, ²⁵⁸, ²⁵⁹, ²⁶⁰, ²⁶¹, ²⁶², ²⁶³, ²⁶⁴, ²⁶⁵, ²⁶⁶, ²⁶⁷, ²⁶⁸, ²⁶⁹, ²⁷⁰, ²⁷¹, ²⁷², ²⁷³, ²⁷⁴, ²⁷⁵, ²⁷⁶, ²⁷⁷, ²⁷⁸, ²⁷⁹, ²⁸⁰, ²⁸¹, ²⁸², ²⁸³, ²⁸⁴, ²⁸⁵, ²⁸⁶, ²⁸⁷, ²⁸⁸, ²⁸⁹, ²⁹⁰, ²⁹¹, ²⁹², ²⁹³, ²⁹⁴, ²⁹⁵, ²⁹⁶, ²⁹⁷, ²⁹⁸, ²⁹⁹, ³⁰⁰, ³⁰¹, ³⁰², ³⁰³, ³⁰⁴, ³⁰⁵, ³⁰⁶, ³⁰⁷, ³⁰⁸, ³⁰⁹, ³¹⁰, ³¹¹, ³¹², ³¹³, ³¹⁴, ³¹⁵, ³¹⁶, ³¹⁷, ³¹⁸, ³¹⁹, ³²⁰, ³²¹, ³²², ³²³, ³²⁴, ³²⁵, ³²⁶, ³²⁷, ³²⁸, ³²⁹, ³³⁰, ³³¹, ³³², ³³³, ³³⁴, ³³⁵, ³³⁶, ³³⁷, ³³⁸, ³³⁹, ³⁴⁰, ³⁴¹, ³⁴², ³⁴³, ³⁴⁴, ³⁴⁵, ³⁴⁶, ³⁴⁷, ³⁴⁸, ³⁴⁹, ³⁵⁰, ³⁵¹, ³⁵², ³⁵³, ³⁵⁴, ³⁵⁵, ³⁵⁶, ³⁵⁷, ³⁵⁸, ³⁵⁹, ³⁶⁰, ³⁶¹, ³⁶², ³⁶³, ³⁶⁴, ³⁶⁵, ³⁶⁶, ³⁶⁷, ³⁶⁸, ³⁶⁹, ³⁷⁰, ³⁷¹, ³⁷², ³⁷³, ³⁷⁴, ³⁷⁵, ³⁷⁶, ³⁷⁷, ³⁷⁸, ³⁷⁹, ³⁸⁰, ³⁸¹, ³⁸², ³⁸³, ³⁸⁴, ³⁸⁵, ³⁸⁶, ³⁸⁷, ³⁸⁸, ³⁸⁹, ³⁹⁰, ³⁹¹, ³⁹², ³⁹³, ³⁹⁴, ³⁹⁵, ³⁹⁶, ³⁹⁷, ³⁹⁸, ³⁹⁹, ⁴⁰⁰, ⁴⁰¹, ⁴⁰², ⁴⁰³, ⁴⁰⁴, ⁴⁰⁵, ⁴⁰⁶, ⁴⁰⁷, ⁴⁰⁸, ⁴⁰⁹, ⁴¹⁰, ⁴¹¹, ⁴¹², ⁴¹³, ⁴¹⁴, ⁴¹⁵, ⁴¹⁶, ⁴¹⁷, ⁴¹⁸, ⁴¹⁹, ⁴²⁰, ⁴²¹, ⁴²², ⁴²³, ⁴²⁴, ⁴²⁵, ⁴²⁶, ⁴²⁷, ⁴²⁸, ⁴²⁹, ⁴³⁰, ⁴³¹, ⁴³², ⁴³³, ⁴³⁴, ⁴³⁵, ⁴³⁶, ⁴³⁷, ⁴³⁸, ⁴³⁹, ⁴⁴⁰, ⁴⁴¹, ⁴⁴², ⁴⁴³, ⁴⁴⁴, ⁴⁴⁵, ⁴⁴⁶, ⁴⁴⁷, ⁴⁴⁸, ⁴⁴⁹, ⁴⁵⁰, ⁴⁵¹, ⁴⁵², ⁴⁵³, ⁴⁵⁴, ⁴⁵⁵, ⁴⁵⁶, ⁴⁵⁷, ⁴⁵⁸, ⁴⁵⁹, ⁴⁶⁰, ⁴⁶¹, ⁴⁶², ⁴⁶³, ⁴⁶⁴, ⁴⁶⁵, ⁴⁶⁶, ⁴⁶⁷, ⁴⁶⁸, ⁴⁶⁹, ⁴⁷⁰, ⁴⁷¹, ⁴⁷

HELIROIDES, Meneg. A. N. O. p. 427: (Schizonema.) --

R.E.C.F. 157; O.H.S.F. 555:

Sm. S. T. 193; Cl. & M. No. 72; Villef. p. 53; Desl. S. p. 53;

(H. Anglicæ Dufourei.)--

(1975.A.) --

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(1) . . .) -

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I4f45, 46; (H. Martiana, v.)

R. E. D. p. 167:

(Berkeleya p.)

I362p.586; R.E.C.I.157:

(Berkeleya; -H. Zosteræ; -Schizoneura.)

STIMULATA, C. 1. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 8

.133, 134; Bull.; S. S. J. Ion, 1907; Stahl. Riv., 1908; Petro. U. S. 24.

p. 557: Oestrup 1897 n. 333:

SUBCOMMITTEE, 64 H. R. 1373, 25; U. S. S. C. [379], 33; U. S. S. C. [380], 33.

VIDOVICH, G. M. 1962. 535-12422; 15731.9; 3.0; 2.0; 1.0; V. 6.8; 1

87f7; Peraq. 1.00; Villef. 1.03; Det. S. 1.557:

(N1438012-1)

(1341441) 1341441

Hyalochaete.

Subgenus of Chaetoceros; Gran. N. M. Ex., 1899.

ALTERNANS, Grove & St.-J.Q.C. I337p. I42-I3f39; Notar. I333p. 439;

Det. Syll. p. II35;

LABUANI, Cl.-Atlas II5fII: Just's Jahrb. I337p. 219;

Det. S. p. II33;

(Cerataulis;)

REICHARDTII, Grun.-Just's Jahrb. I337p. 279; Wollé pl. I03fI2;

Det. S. p. II35;

(Cerataulis.)

" var., A.S., Atlas II6f4;

VIRGATA, Gro. & St.-J.Q.C. I337p. I42-I4f55; Notar. I333p. 439;

Det. Syll. p. II35;

HYALODICTYA. --- (Ehrh., 1820.)

DIANAE, E.-Abh. Ber. I370p. 57, pl. 3-I4fI4; Wollé pl. 63f3I; Det. S. p. I333.

HYALODISCUS. --- (Ehrh., 1845.)

-, E., Abh. Ber. I348;

-, Detoni, Oss. Bac. I390p. 9I4.

-, B.J.N.H. I33Ip. 334-I4fI3, I9;

-, Atlas pl. I39f3-I5;

-, Atlas I40f2;

ARCTICUS, Grun. I334p. 4I-5f37; J.Q.C. I337p. 67;

(H. radiatus, v.)

BIFRONS, Fortm.-Annal. Bot. Brit. I392p. 48-5f6; Det. S. p. I333;

CALIFORNICUS, Bailey MSS.: A.O.M. I373p. 247; Brebissonia I379p. II7;

Det. S. p. I333;

(H. subtilis.)--

CERVINUS, Btw.-M.J. I330p. 95-5f9; Det. S. p. I333;

(Coscinodiscus.)

FLAVUS, Cl. & M. No. 2; A.S. I377p. I19; I378p. I42;

(H. subtilis.)--

HORMOIDES, Petit Cat. p. I4; Fortm. Cey. p. I2;

(Podossira Adriatica, h., & nannuloides.)

LAEVIS, E.-Abh. B. I345p. 73; Mg. pl. 33-I5fI7; K.S.A. p. 20; Weissé Gr. p. 307-

2f47; Prit. p. 3I4; Cl. I330p. II7; Part. I. 44-I5fI3I; 2p. 30; Atlantic

City; Castr. I337p. I40-24f4; Wollé pl. 59f2; Det. S. p. I333; -(Cyclotella)

" v. Doljensis, Part. I. 44-23f2I2; Notar. I333p. 535; Det. S. p. I333

" v. Yarnensis, Grun.-Cl. I330p. II7; Det. Syll. p. I333;

LINEATUS, Bailey.-Lens Vol. I. p. 232; Det. S. p. I333;

(Podossira.)

MACULATUS, Cl. I373p. 4; I378p. I3; Petit Cat. p. I4; Fortm. Cey. p. I2;

Malaisie;

(Podossira.)

MAXIMUS, Petit Cat. p. I5-4f7; Enl. Sp. I. I06; Grun. I373p. 34; Cl. & M. No.

II2; J.R.M.S. I373p. 233-I4f7; Wollé pl. 59f7, 8; Malaisie;

(H. radiatus, (O'M.) var.)-

" var., Cl. & M. No. II3;

NOBILIS, Part. 2p. 30-26f374; Det. Syll. p. I333;

OCEANICUS, E.-Abh. Ber. I363p. 336; Det. S. p. I333;

PATAGONICUS, E.-Abh. B. I345p. I55; Mik. pl. 33B-22fI0, II; K.S.A. p. 20;

Prit. p. 3I4;

(Cyclotella.)--

PUNCTATUS, A.S., Atlas I39fI3;

PUNCTULATUS, A.S., Atlas I40fI5;

RADIATUS, Bailey.-Lens Vol. I. p. 23I;

(Podossira maculata)

RADIATUS, O'M.-J.L.S. Vol. 40pl. I49; Cl. I380p. I17; Grun. I334p. 41; Cl.

C. I337p. 68; Part. 2p. 30; Det. Syll. p. I337;

(Cyclotella & L. Patagonicus; -Pyxidicula.)---

- * v. *Arctica*, Grun. 1834p. 41-3f37; Del. Syll. p. 1337; (H. *Arcticus*.)--
 * v. *Biharensis*, Pant. 1p. 44-23f205; Notar. 1833p. 535; Del. S. p. 1337;
 * v. *maxima*, Pet. - Cl. 1830p. 117; Del. S. p. 1337; (H. *max.*)--
 * v. *minuta*, Cl. 1830p. 117; Grun. 1837p. 131-1311; Del. S. p. 1337;
 PETICULATUS, A. S., Atlas 140f7; wolle pl. 110f3;
 ROSSICUS, Pant. 2p. 30; 3p. -5f72; Del. S. p. 1333;
 SCUTIGER, K. - Grun. 1837p. 139-213; Pant. 1p. 47; Cl. 1830p. 113;
 Nares p. ; Vega p. 439; 1891p. 67; V. H. S. pl. 34f15-13; Pant. 2p. 30;
 Del. Syll. p. 1333; *Red Sea 1877p. 14-15* (Cyclotella ligustica &
 S. - H. Frankl. - Podosira Frankl. - hormoides, p. p., & Smithiana.)
 STELLIGER, Bailey N. S. p. 10; Prit. p. 314; Grun. 1833p. 27; Cl. 1830p. 11;
 Cl. & M. No. 1; Pet. Cat. p. 14; M. T. P. 4-1-13; A. J. M. 1877p. 149; 1873p. 110;
 V. H. S. p. 218-341, 2; T. No. 454; Villet. p. 30; Atlantic City; Malaisia;
 wolle pl. 59f3; Del. S. p. 1337;
 (Coscinodiscus punctulatus; -Craspedodiscus stella; -H. maculatus; -
 Melosira maculata; -Podosira rae. - Pyxidella Adriatica.)--
 SUBTILIS, Bailey N. S. p. 10, f12; Q. J. M. S. 1831p. 179 cum icone; Prit. p.
 315-316; Jan. Gr. p. 20; Jan. & T. p. 3-1f13; Grun. 1833p. 27; Grun. 1830p. 11;
 S. p. 69; A. J. M. 1833p. 153; Italy; New Zealand; Cl. 1830p. 14; 1830p. 113;
 Cl. & M. No. 2; J. M. 1873p. 247; Fortm. Cay. p. 12; Petit Cat. p. 15; Nimbu;
 M. T. P. 4-1-14; M. M. J. 1874p. 21; S. S. p. 201; Melosira 1870p. 117;
 Shark River; Malaisia; Pant. 2p. 30; Del. Syll. p. 1333; *Red Sea 1877p. 14-15*
 (Craspedodiscus & Melosira Frankl. -) *Petit, Cap. Horn*
 * var., Witt 1835p. 27-7f10;
 * v. *Australiensis*, Grun. - Pant. 2p. 30;
 * v. *Japonica*, Castr. 1837p. 140-13f4; wolle pl. 59f3; Del. S. p. 1336;
 * v. *robusta*, Grove & St. - J. Q. C. 1837p. 67; Del. Syll. p. 1337;
 VALENS, A. S., Atlas 140f1;
 WHITNEYI, E. - Abh. Ber. 1870p. 57pl. 2-1f21; wolle pl. 59f5; Del. Syll. p. 1333.

HYALOSIRA.-----

- , Menge. A. N. D. p. 465; -, K. B. p. 125;
 DELSWICKII, Notar. - Prit. p. 304; Grun. 1832p. 423; R. E. D. p. 307;
 DELICATULA, K. B. p. 125-13f3(1); K. S. A. p. 115; Prit. p. 304-4f42; Mull:
 Grun. 1832p. 425; 1838p. 4; R. E. D. p. 307;
 (H. minutissima, obtusangula & rectangula; -Striatella.)
 MINUTISSIMA, K. B. p. 125-13f3(2); K. S. A. p. 115; Prit. p. 304; R. E. D. p.
 307; (H. & Striatella delicatula, v. - H. obtusangula & rectangula.)
 OBTUSANGULA, K. B. p. 125-13f3(4); K. S. A. p. 115; Villet. 1835; Prit. p. 304-
 14f29; Ail. S. p. 7. No. 50; R. E. D. p. 307; S. S. p. 202; A. J. M. 1833p. 153;
 (Achnanthes parvula; -
 H. minutissima & rectangula; -H. & Striatella delicatula, v.)-
 PUNCTATA, Bailey & H. p. 131-9f29, 30; Prit. p. 304; R. E. D. p. 307;
 Grun. 1832p. 423; (Striatella.)--
 RECTANGULA, K. B. p. 125-13f3(3); K. S. A. p. 115; Prit. p. 304-14f23; M. D.
 pl. 1311; Breb. D. C. p. ; R. E. D. p. 307;
 (H. & Striatella delicatula, v. - H. minutissima & rectangula, v.)--

> Noval-Caesaræ, Boyer.-LéD. 2, n^o. 22 p. 207:-

(Triceratium.)

A Genus of Link: in Horae Phys. Berolinensis, 1320p.5: (Schizonema.)--

HYDROSEIRA. ----- (Wallich, 1850)

- BORYANA, Part. 2p.32-30f423; (H. whampiensis.)
 " v. hexagona, Part. 2p.32-30f423; (H. " "
 COMPRESSA, Wallich. -M.J. 1353p.251-13f7-12; Prit. p.352-3f3;
 R.E.D. p.317; (H. triquetra.)
 MAURITANEA, Beron. -LeD. 1390p.31-5f3:
 TRICORDATA, Stollert. -J.R.M.S. 1331.414-3f3, 5; (H. tricornata.)
 TRIFOLIATA, Cl. -Det. Syll. p.397; (Triceratium.)
 TRIQUETRA, Wallich. -M.J. 1353.251-13f7-12; Prit. p.352-3f3; M.J. 1353.251-13f7-12; R.E.D. p.317; St. S. 1.209; M.T. 1.4-4-10, 11; Vega p.509; Atlas 73f33; Wille pl. 105f9-12; Det. Syll. p.397; Atlantic City; (H. compressa; -Terpsinoe; -Triceratium Javanicum.)--
 " v. quadrigona, Brun & 1. p.71-3f5;
 WHAMPOENSIS, Schwarz. -J.M. July 1391p. ; LeD. Vol. 2p.72; Heaw. Vol. 13, p.163 cum icone; Det. Syll. p.397:

HYDROSILICON. -- (Brun, 1891.)--

MITRA, Brun 1391. 31-2f3; Det. Syll. p.1425: (Amphipora rimosa.)

HYSTRIX. ----- (Gory, 1822)

A Subgenus of Syneura: -Bory St. Vincent, 1324: -(Syn. Gaillon.)

INSILELLA. ----- (Ehr., 1844)

- AFRICANA, E. -Abh. Ber. 1344p.33; 1345p.363; Mik. p.140; K.S.A. p.32; Prit. p.327; Det. Syll. p.937:
 AMPHICENTRA, E. -Abh. B. 1372p.214-32f3; Det. S. p.937:
 TENUIS, E. -Abh. B. 1372p.299: Nord. p.22-2f65; Det. S. p.937:
 TURGIDA, E. -Mik. p.233:
 " var. aspera, E., Mik. p.233: Det. S. p.937:
 " v. laevis, E., Mik. p.233: Det. S. p.937:
 VERTICILLATA, E. -Abh. B. 1372p.299: Nord. p.22-2f64; Det. Syll. p.937:

ISODISCUS. ----- (Gory, 1822)

- DEBYI, Rattaj. -J.R.M.S. 1331.910-13f3; Det. Syll. p.1090:
 (Eupodiscus; -Lampriscus.)----
 MIRIFICUS, Rattaj. -J.R.M.S. 1331.910-13f3; Det. Vol. 1. 13-3f3:
 Det. Syll. p.1090:

ISTHIA. ----- (Gory, 1822)

- , Meneg. A.N. 2. p.432: -, V.H. Syll. p.12;
 -, E., Inf. p.209: -J.R.M.S. 1884p.671: -, Atlas 136f3:
 -, Am. Nat. 1373p.571: -, Witt 1333p.17-3f17:
 AFRICANA, E. -~~Wille~~ Ber. 1344p.33; Mik. pl. 21f57a,b; K.S.A. p.133; Prit. p.351; R.E.D. p.310; Det. Syll. p.351:
 CAPENSIS, Grun. -Atlas 136f14; 145f4-3: (Isthmiella.)
 CATENATA, Meneg. -K.B. p.32: (Encyonema paradoxum.)---

Heussner, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168;
Heussner, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168;
Heussner, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168; —

7 *Heussner*, *Vertrug* 1897, *Ca* p. 1891, f. 394, 408; *J. Q. C.* 1885 p. 168; —

- ENERVIS, L. - Inf. p. 209-10f3; A.M.N. 1. 1313p. 271-3f1; K.B. 1. 137-19f4; V. S.A. p. 135; Prit. 1352pl. 4f133; Desmaz. Ino. 1474; Breb. D.C.: S.B.D. 2p. 52pl. 48; Grun. 1330p. -3f33; R. Alg. E. No. 724; R.D. Ex. 37; Prit. p. 351-10f133; Eul. Sp. 1. 54; R.E.D. p. 309; Hohenack. Alg. No. 454; Jan. & R. p. 9-4f13; Carr. p. 95; M.D. pl. 13f2; Girard Boss. p. II-1f23; 2f23; M.M.J. '72, pp. 123, 256; Agr. 1373p. 16; Cl. 1373p. 15; Vega p. 436; Cl. & M. 9: O'M. I. D. p. 230; Sm. Sp. 1. 204; Kent Infus. Vol. 1p. 59; Brun & T. p. 72; V.H.S. p. 201-96f1-3; T. 436: Atlas 136f1, 3, 7, 9; Perag. p. 75: Wille pl. 109f3-9; Malaisie: m.m.J. 1877p. 63-172f1; (Biddulphia; - Bidd., Conferva & Diatoma obliquata; -I. obliquata, "b".: -Isthmiella.)
- " var., A.S., Atlas 136f3, 4; Malaisie;
- " v. Japonica, Grove & St. - J.Q.C. 1333p. 324; Castr. 1337p. 96-23f5;
- FILIFORMIS, Men. - Linnea 1340p. 205: (Non-Diatomaceis.)--
- LINDIGIANA, Eul. - Hedw. Vol. 3p. 29; M.M.J. 1379p. 175-193f1a-d; Atlas 136f2; 145f1-3; Cl. Vega p. 503; Cl. 1373p. 148; (Isthmiella.)--
- MEMBRANACEA, Cl. - L.D. Vol. 2p. 31-9f14-13;
- MINIMA, Bail. & H. p. 173-9f11; Prit. p. 351; R.E.D. p. 310; Sm. Sp. 1. 205; W. & C. 2p. 5-519; A.M.N. 1. 1373p. 133; Atlas 143f9; Malaisie: - (Isthmiella.)--
- NERVOSA, K.B. p. 137-19f5; K.S.A. p. 135; S.B.D. 2p. 52pl. 47; Front.; Prit. p. 351; Jan. & R. p. 9-4f12; R.D. Ex. No. 33; R.E.D. p. 309, f34; Girard Boss. p. 13-3f12; Carr. p. 95; N. & R. S. p. 63; Cl. 1337p. 333; 1373p. 10; Vega p. 436; Cl. & M. 3; Grun. 1333p. 102; M.M.J. 1373p. 206-33f4; Reinhard; O'M. I. D. p. 279-27f15; A.J.M. 1373p. 93, f1-5; p. 125, f5, 6; Sm. Sp. 1. 203; Perag. p. 75; M.T. P. 4-5-10; Carr. 1331p. 330, f153, 131; J.Q.C. 1337p. 42-4f3; Brun. & T. p. 71; Atlas 135f1-3; 136f5; 145f10, 11; Wille pl. 109f1-5; Del. Syll. p. 333; m.m.J. 1877p. 63-171f6, 7; (Conferva, Diatoma & I. obliquata.)--
- " v. Nakaguchensis, Grun. 1333p. 102-1a, 12f; Hedw. 1337p. 30; Del. S. p. 333;
- OBLIQUATA, Ag. Cons. p. 55; E. Inf. p. 209-15f4, 5; Eul. 1. 30f. 1. 405; K. Syll. p. 51-4f59; Linnea 1330p. 579-4f59; Harvey Man. p. 206; A.M.N. 1. 1343p. 272-3f2; Agr. 1373p. 13; - (Biddulphia, Conferva, Diatoma; -I. enervis & nervosa.)
- " var. "b" tenuior, Ag. Cons. p. 55: (I. enervis)
- POLYMORPHA, Montagne. (Cerataulus laevis & p. 7)
- STOMATOMORPHA, Meneg. - Linnea 1340p. 205; Del. S. p. 334: - (Non-Diat.)--
- SZABOI, Pant. Ip. 47-3f24a, b; 2, p. 31; Notar. 1333p. 533: (Isthmiella.)--
- VERTEBRATA, Men. - Linnea 1340p. 205; Del. Syll. p. 334: - (Non-Diatomaceis.)--
- VESICULOSA, Ag. Cons. p. 55: (Amphitetras antediluviana; -Diatoma.)--
- VITREA, Kitt. - M.M.J. 1373p. 206-33f3; Atlas 145f12-17: (Pyxilla variabilis.)--

ISTHMIELLA. ---- (C. 1873:)--

- CAPENSIS, Grun. - Del. Syll. p. 336: (Isthmia.)
- ENERVIS, Cl., 1373p. 10; Del. S. p. 334: "
- LINDIGIANA, Eul. - Del. S. p. 335: "
- MEMBRANACEA, Cl. - Del. S. p. 335: "
- MINIMA, B. & H. - Del. S. p. 335: "
- SZABOI, Pant. Del. Syll. p. 336: "

ANTIQUA, Grun. -V.H.S. pl.95(2) f10, II: B.S.B. I335p. I73-I f13, I4; 4145;
3f" a, b": Ann. Soc. Belg. I333p. 3f I9; (Coscinodiscus Ludovicianus.)--
ITALIANA, Grun. -V.H.S. pl.95(2) f7-9; (Biddulphia; -Cerataulus.)

KENTRODISCUS.--- (Pantocsek, 1891.) ---
~~Rossfus~~, Pant. 2p. 75-23f350; Det. Syll. p. I012:

KERATOPHORA.--- (Pantocsek, 1891.) ---
NITIDA, Pant. 2p. 35-I7f230: Det. Syll. p. 393:
ROBUSTA, Pant. 2p. 35-I6f277: Det. S. p. 393:

KTENODISCUS.--- (Pantocsek, 1891.) ---
HUNGARICUS, Pant. 2p. 75-3f I02, I09; Det. Syll. p. I012;
RUSSICUS, Pant. 3p. -24f353, 354; Det. S. p. I012:-(Non-Diat.)--

KITTONIA.----- (MacGillivray, 1887.) ---

> ELABORATA, Grove & St. -J.Q.C. I337p. 42-4f5; Atlas II f19, 20: Det.
Syll. p. 393: (Biddulphia.)
GIGANTEA, Grev. -Det. Syll. p. 393: (Biddulphia; -K. Grevilleana.)
> GREVILLEANA, Gro. & St. -J.Q.C. I337p. 73: (Bidd. & K. gigantea.)----
> VIRGATA, Gro. & St. -J.Q.C. I337p. 73-3f23; Notar. I337p. 347; Det. Syll.
p. 397: (Biddulphia.)-

LAMPRISCUS.----- (Grunow, 1884.) ---

CIRCULARIS, Grun. -V. H. S. pl. I03f I0: Det. Syll. p. II36: (Triceratium.)
DEBYI, Gro. & St. -J.Q.C. I337p. I33-II f27; Det. Syll. p. II36;
(Eupodiscus; -Isodiscus.)
FASCICULATUS, Pant. -Det. S. p. II36; (Lamprotediscus.)---
GIBBOSUS, Bailey. -Det. Syll. p. II36: (Tricer.)
" v. crenulata, Grun., in V.H.S.: Det. S. p. II36: (Tric. c.)-
KITTONI, A.S., Atlas 30f II: Det. S. p. II36: (Tric.)---
LEUDUGERI, Deby. -Ann. Bot. Brit. I392p. 41-5f4: Det. Syll. p. II36;

LAMPROTEDISCUS.--- (Pantocsek, 1893.) ---

FASCICULATUS, Pant. 3p. -I6f236; (Lampriscus f)

LAUDERIA.----- (Cleve, 1872.) ---

ANNULATA, Cleve Java p. 3-I f7; Sm. Sp. T. 207; A.J.M. I373p. I34; Malaisie;
Castr. I337p. 39-3f7; Villef. p. 30: Atlas I30f47; LeD. No. 9p. I05-I3f II:
Det. Syll. p. 771: (Cresswellia a. & cylindracea.)
DELICATULA, Parag. Villef. p. 31-3f45; LeD. No. 9p. I05-I3f I3; Notar. I339
p. 335: Det. S. p. 772: Cl. 1891p. 24: (L. pumila.)
ELONGATA, Castr. I337p. 39-9f4; LeD. No. 9p. I05-I3f I2; Notar. I339p.
753; Det. S. p. 771:
MEDITERRANEA, Parag. Villef. p. 31-3f45; Notar. I339p. 355: Det. Syll. p.
771: (Dactyliosolen; -Leptocylindrus
MOSELEYANA, Castr. I337p. 90-24f9; LeD. No. 9p. I05-I3f I0; Notar. I339p.
753; Det. S. p. 772;

Heilonia.

- > B. boi, Brun. - Le D. 2, no. 22, p. 239-19 f 2.
- > Hillabyana, Br. - Le D. 2, no. 22 p. 239-19 f 3, 4: -

Lamella. (Br., 1894.) -

- > aculeata, Br. - Le D. 2, no. 22 p. 78-5 f 20, 25.

Lauzeia.

- > annulata, Cl. 1894 p. 22. 113 18.
- > delicatula.
- > fragilis Fran, Ber. Deut. Bot. Ges. vol 15 p. 133: Cl 1897 p. 2.

OBUSATA, Shousbie.-Perag.Villef.p.30-3f47; Notar.I339p.335: Del.
Syll.p.772: (Diatoma.)--
" var.Suluensis, Perag.Villef.p.3I:
PUMILA, Castr.I337p.39-9f3; Notar.I339p.759; Del.Syll.p.77I:
Malaisie: (L.delicatula.)

LEPIDODISCUS.-- (Witt, 1845)

ELEGANS, Witt I335p.23-7f3; Atlas I03f5; Pant.Ip.45-20fI32; 2p.II0:
Del.Syll.p.I395:

STELLA, Brun.-Atlas I34f3:

imperialis, Brun.-Atlas 202f3:

LEPTOCYLINDRUS. - (Cleve, 1889)

DANICUS, Cleve.Natlagat I339p.2 car. icone; LeD.No.9p.I04-I2f2I, 22;
Bot.Cbl't.I390Ns.27, 28; Del.Syll.p.322: -(Dactyliosolen Mediterr.)

LEUDUGERIA. ---- (Temperere, 1893.)

JANISCHII, Temperere, I393; Del.Syll.p.I327: -(Eudua; -Eunotioopsis.)

LIBELLUS. ----- (Cleve, 1873.)

AFRICANUS, Cl.Navic.p.I45: (Navicula a.)--

APONINUS, K.-DeToni, Int.Lib.I390p.97I; Syll.p.203; Cl.Nav.p.I54;

(Navic.a. & Vichiensis.)-

BIBLOS, Cl.Nav.p.I45:

(Nav.)

BULMEINII, Grun.-Cl.Nav.p.I54:

(Nav.)

+ COMPLANATUS, Grun.-DeT.S.p.203; Cl.Nav.p.I53: (Amphora; -Nav.)

CONSTRUCTUS, E.-DeToni, Syll.p.202; Int.Lib.I390p.97I: Cl.Nav.p.I45;

(Amphiprora; -Nav.simulans; -Stauroneis amphoroides & c.)----

GREVILLEI, Cl.I373p.I3; I373p.I9; Navic.p.I52; DeT.S.p.20I:

(Nav.libellus; -Nav.& Schizonema Delognei & G.) *Oestrup* '97p.316

HAMULIFERUS, Grun.-DeT.Syll.p.202; Int.Lib.I390p.97I: (Nav.h., Grun.)-

HYALOSIRA, Cleve Nav.p.I53:

(Navicula.)--

PLICATA, E.-DeT.Syll.p.202: Int.Lib.I390p.97I: Cl.Nav.p.I54:

(Nav.)

RHOMBICUS, Greg.-DeT.Syll.p.20I; Cl.Nav.p.I52: -(Nav.rhombus, p.f., Greg.)

327 p. 187, 188

LICMOPHORA. ---- (Agardh, 1827.)

-, Meneg.A.N.D.p.464;

-, Heuw.Vol.Ip.I03-I3f3;

-, Am.Nat.I363p.5I0-I3f20: (L.flabellata.)----

ABREVIATA, Ag.Cons.p.42: (Gomphonema; -Podosphaeria; -Rhipidophora)

ANGLICA, K-V.H.S.p.I53-46fI4; Villef.p.36: Malaisie:

Del.Syll.p.732: *Oestrup* 1897p.319;

(Rhipid.)-

" v.elongata, Grun.-V.I.S. *46f15*:-

(Podosph.grabilis, minor.)

ANGUSTATA, Grun.-V.I.S.pl.45f3, 7; DeT.S.p.754; Malaisie;

ARGENTESCENS, Ag.Cons.p.4I; Icon.Alg.Eur.No.2; Grun.I362p.352; R.E.

D.p.299, 177: Sm.Sp.1.203; A.J.M.I373p.I34; Cl.I373p.I4: *Ag.Bot.2.1827*:

(Gomphonema; -L.flabellata: *Merid.radians*.)

" v.flabellata, Carmichael.-Grun.I362p.352; R.E.D.p.299:

(Echinella, Exilaria & L.flabellata, Ag.: -L.radians.)-

" v.splendida, Grev.-Grun.I362p.352; R.E.D.p.299:

(L.flabellata, K., & splendida, Grev.)----

Leptocylinthus.

+ Danicus, Cl. 1894 p. 15-2 f 4, 5. Katt. 1889 p. 54: Cl. 1897 p. 2

+ complanatus,

" var. hyperborea, Gr. - Oestr. 1897 p. 316: - (L. groenlandicus.)

> Groenlandicus, Oestrup 1897 p. 316-2 f 4: - (L. complanatus, v. hyperborea.)

+ Synchytrium, K.-

" forma minor, V.H.S. pl. 47f17, 18:

+ ordipus

" forma elongata, Gm. - V.H.S. pl. 47f1:

- AUSTRALIS, K.-V.H.S.pl.43f14, 17; -(L. paradoxae, Podos.)--
 AFRICANA, Grun.-Hedw.Vol.6p.36; Det.Syll.p.733; (Podos.)--
 BOREALIS, K.-Cleve Vega p.485; (Rhipid.)
 CALIFORNICA, Grun.-V.H.S.pl.47f14; Woll. pl.47f32, 32a; Det.S.p.733;
 CAPENSIS, Grun.-Hedw.Vol.6p.36, f36; M.T.P.3-2-3, 4; Det.S.p.733;
 (Podosph.)----
 COMMUNIS, Heiberg.-V.H.S.pl.43f8, 9; Det.S.p.733; Malaisie:-(Podos.)
 * v. elongata, Det.S.-Erbol.Critt.Ital.No.1459; Hedw.Vol.6p.36;
 Det.Syll.p.733;
 CONSTRICTA, Grun.-V.H.S.pl.47f5; Malaisie: (L.Jurgensii, v.?)
 CRATICULA, Mont.Ann.p.308; Syll.p.473; Det.S.p.739; (Podosph.)-
 CROZIERI, Grun.- (L.remilis.)--
 CRYSTALLINA, K.-V.H.S.pl.43f19, 20; Det.S.p.737;
 (L.paradoxa, v.: -Rhip.)--
 DALMATICA, K.-Hedw.Vol.6p.35; Dannf.p.46; V.H.S.p.153-47f7, 9;
 T.No.326; Villef.p.66; Det.S.p.733; (Podosph.: -Rhipid.)--
 * v. tenella, Grun.-V.H.S.pl.47f8; Det.S.p.733; (Rhipidoph.t.)--
 DEBILIS, K.-V.H.S.pl.43f22, 23; Det.S.p.738; (Podosph.)--
 * v. laevissima, Grun.-V.H.S.pl.43f24, 25; Det.Syll.p.733;
 DIVISA, K.B.p.123-11f5; K.S.A.p.113; Prit.p.772-13f16;
 (L.grandis: -Rhipid.elongata.)
 EHRENBERGII, K.-Grun., Hedw.Vol.6p.33; Dannf.p.46; Villef.p.66; V.H.S.
 pl.47f12, 13; Det.S.p.731; (Podosph.)--
 * v. angustata, Grun.-Hedw.Vol. (1367)p.36; (Podos.)
 ELONGATA, Cleve Vega p.485;
 ERYTROGA, Grun.-Det.Syll.p.733; (Podosph.t., Sphaer.)-
 FIBULA, Grun., in Hedw.Vol.6p.23; (Gomphonema tinetum.)
 GOMPHONEMA, Grun., in Hedw.Vol.6p.41; Grun. in Hedw.Vol.6p.41; Carr. p.206;
 206; K.B.p.123-12f1(2-4); K.S.A.p.113; Wyatt Alg.Darm.234; Prit.p.
 771-119; 13f191-193; T.H.S.1366p.37; L.H.S.3p.3121; Grun. 1373p.26;
 13-3f3b; Breb.D.C.p. : Carr.p.78; Cl. & M.119; Grun.1373p.26; Carr.
 13f1.342, 1171; V.H.S.1.508; V.H.S.1.401, 2; T.383; Prit.p.772-13f16;
 S.p.731; Villef.p.66; Woll. pls.29f1, 2; 47f27-29; Shark River;
 Malaisie: Carr. 1897p.3395; (Gomphonema t. tinetum.)
 Exilaria; Meridion radians; -L.Meneghiniana, argentescens, silendia; -
 Gomphonema argentescens, flabellatum, flabellum.)
 * forma brevior, Cleve Vega p.485; var. minor, K.S.A.p.113;
 FLABELLATA, S.B.D.1p.36-pls.26, 32f234; Front.; Sci.G.1366p.282; Det.
 H.S.1376p.37; Det.Syll.p.731; (L. radialis: -Rhipid.)
 FULGENS, K.B.p.123-13f5; K.S.A.p.113;
 (Algidia: -Distoma: -Exilaria: -Gomphonema: -Sphaer.)--
 FRACILIS, L.-Grun., Hedw.Vol.6p.34; Dannf.p.46; V.H.S.1.401; Villef.
 p.66; Woll. pl.47f30, 31; Det.S.p.732; Oestrop 1897p.3395; (Podosph.)--
 * v. elongata, K.-Det.Syll.p.731; (Rhipidophora t.)--
 FRANCIS, K.-Grun., V.H.S.1.43f2, 3; Cl.Vega p.485; Malaisie; Det.Syll.
 p.736; (Podosph.)--
 * v. divisa, Grun.-V.H.S.1.43f4, 5; (Lic.div.)-

+ paradoxa, oestrup 1897 p. 339: Petit, Cap Horni.

REMULUS, Grun.-M.M.J. 1877p. -193fI; Hbaw. 1867p. 34; V. 1. S. 1. 1. 46f4;
 Det. Syll. p. 731; (Podospheena)---
 SPLENDIDA, Grev.-Hooker's British Flora p. 403; Harv. Man. p. 205; S. B.
 D. 1p. 351 1s. 26, 32f233; Breb. O. C. p. : Prit. p. 771; M. D. 1. 1. 12f3; Lewis,
 N. & R. S. p. 37; Coll. p. 73; Sm. Sp. T. 210; A. J. M. 1873p. 134; (Cyclotella
 Menziesiana, radiata, s.; -Gomphonema; -L. al. rooseana, v.; -L. al. (L.))---
 TENNIS, K.-Grun., Hbaw. Vol. 6. 1. 35; Det. f. 1. 43; L. 1. 1. 77;
 (Podospheena, v.; -Rhizidophora, v.)---
 TINCTA, Ag.-Grun., Hbaw. Vol. 6. 1. 35; Det. f. 1. 43; L. 1. 1. 134; V. 1. S. 1. 1.
 43f13-15; T. 323; Shark River; Wolle pl. 47f35-37; Malaisia;
 (Gomphonema; -Podospheena; -Rhizidophora.)---

LIONEIS.----- (Ehr., 1872)

PARADOXA, E.-Abh. Ber. 1872p. -2f19:

LIOSTEPHANIA.--- (Ehr., 1847.)---

CAVITA, E.-Abh. Ber. 1847p. 55; 1875p. 1. 1f5, 3; Mik. pl. 36f41;
 Prit. p. 313; Wolle pl. 62f21; Det. Syll. p. 1422;
 JAPONICA, Brun & T. p. 33-4f2; Det. S. p. 1422;
 MAGNIFICA, E.-Abh. B. 1847p. 55; 1875p. 1. 1f7, 3; Mik. pl. 36f42;
 Prit. p. 313-5f53; Det. S. p. 1422;
 ROTULA, E.-Abh. Ber. 1847p. 55; 1875p. 1. 1f9, 10; Mik. pl. 36f40; Prit. p.
 313-5f57; M. D. pl. 43f32; Det. S. p. 1422;
 * var., A. S., Atlas 30f9, 10;
 SCHMIDTII, Grun.-V. H. S. pl. 127f10; Det. Syll. p. 1422:

LIPAROGYRA.----- (Ehr., 1844.)---

CIRCULARIS, E.-Abh. Ber. 1844p. 219; 1871p. 1. 2a, f3, 4; R. S. 1. 1. 12; Prit.
 1. 323; Sm. Sp. T. 1. 1-114; (Melosira Roeseana, v. (L.))---
 DENDROTETES, E.-Abh. B. 1844p. 219; 1871p. 1. 2a, f5-9; R. S. 1. 1. 12; Prit.
 p. 323-5f72; Deby D. T.: M. T. P. 2-1-3;
 (L. spiralis, v.; -Melos. Roeseana, v. dend.; -Orthosira mirabilis.)---
 SCALARIS, E.-Mik. p. 140pl. 34-5a, f2; Prit. p. 323;
 SPIRALIS, E.-Mik. pl. 34-5(a)f2; Sm. Sp. T. 210; A. J. M. 1873p. 134; Atlas,
 132f39; (L. dendrotetes; -L. Roeseana, v. (L.))

LIRADISCUS.----- (Grev., 1865.)---

BARBADENSIS, Grev.-T. M. S. 1865p. 5-1f14; M. D. pl. 43f13; Rattr. Rev. p. 221;
 CAPENSIS, Cleve, N. L. K. D. p. 22-5f31; Rattray Review Cosc. p. 221;
 Det. Syll. p. 1159; (Cyclotella.)---
 ELLIPTICUS, Grev.-T. M. S. 1865p. 99-3f3; Rattr. Rev. p. 222; Det. S. p. 1159;
 FURCATUS, Grove.-Rattr. Rev. p. 221-3f23; Det. Syll. p. 1159;
 LUCIDUS, Brun & T. p. 72;
 MARGINATUS, Grove.-Rattr. Rev. p. 222-3f13; Det. Syll. p. 1160;
 MINUTUS, Grev.-T. M. S. 1865p. 47-5f3; Atlantic City; Rattr. Rev. p. 221;
 Wolle pl. 63f14-16; Det. S. p. 1161;
 OBLONGUS, Grun.-Cl. & M. No. 275; Rattr. Rev. p. 223; Det. S. p. 1161;
 OVALIS, Grev.-T. M. S. 1865p. 5-1f15, 16; J. O. C. 1877p. 71; Det. Syll. p. 1160.

Lithodesmium. - (Ehr., 1840).

Californicum, Gr., - V.H.S. pl. 115 f. 9; Bruntz p. 72; De F. C. p. 986;

" v. trigona, Bruntz p. 72;

Indicum, Gr., - V.H.S. pl. 186 p. 333-178; Kelle, 82 f. 28; De F. C. p. 986;

cornigerum, Br., - Le D. 2, No. 22 p. 239-24 f. 15-17;

Indicum, Gr., - V.H.S. pl. 115 f. 6; De F. C. p. 986; - (Triceratium).

Indicum, Gr., - V.H.S. pl. 116 f. 5; Atlas 13 f. 13-17; 173 f. 11;

Kelle, 104 f. 18, 19, - De F. C. p. 986 -

" forma major - Gr., - V.H.S. pl. 116 f. 6;

Indicum, Gr., 1891 p. 25-48; De F. C. p. 987 - (Ditylum)

Indicum, Gr., - V.H.S. pl. 140 p. 75-45 f. 13; K. D. p. 135-24 f. 24; K. S. A. p. 138; M. S. pl.

107 f. 1 - P. f. p. 397-2 f. 41, 42; R. S. D. p. 317 f. 89; - V.H.S. p. 202-116 f. 8-11; J.

No. 576; V. H. f. p. 70; Atlas 152 f. 1-3; De F. C. p. 985; Cl. 1897, 24;

" v. minor, Gr., - V.H.S. pl. 116 f. 12;

EHRENBERGII, Trevisan I348 Algae Coccot. p.95:

(Diatoma.)

ELONGATA, Trev. Alg. Coccot. I343 p.95:

LUNULIWA. ----- (St. Vincent, 1822.)

OLIVACEA, Bay, Dict. Class.

(Cocconeis olivacea.) ----

Ag. Cons. p. 39.

(merid. vernalis)

LYSICYCLIA. -----

VOGELII - E. - Abh. Berl. I353 p.333-329; Prtg. I. 313-315; Det. Syll. p.

I370:

(Hyalodiscus?) ----

LYSIGONIUM. ----- (Link, 1820.)

AMERICANUM, K. - De Toni, Syll. p. I330:

(Melosira A.) --

CRENULATUM, K. - Lagr. I334 p.34:

FASCIATUM, Lagr. I334 p.55: (Dillw.) --

(Conferva; -Mel. varians.) -

LINEATUM, Link, - Hort. Berolinensis I320 p.4:

(L. & Melosira moniliformis; -Melosira.)

JURGENSII, Ag. - Trev. Alg. Coccot. p.95: Det. Syll. p. I330;

(Conferva lineata, p.p.: -Mel. subflexilis.) ---

" v. subangulare, Grun. - Det. Syll. p. I330:

(Mel. Jurg., var. octagona.) ----

MONILIFORME, Link. - Hort. Berolin. I320 p.4; Det. S. p. I328:

(Conferva lineata, m., & nummuloidea; -Gallionella lineata & m.: -Mel.

Borreri, lineata, lentigera, & m.: -L. & Fragilaria lineata; -Podiscus

Jamaicensis; -Rosaria lentigera.) --

" forma Bottnica, Grun. - Det. Syll. p. I329;

(Melosira B.) -

" v. hispida, Castr. - Det. S. p. I329:

(Mel. Borreri forma hisp.)

NUMMULOIDES, Heib. p.29; O'M. I. D. p.243-264;

(Mel.)

ORICHALCEUM, Mert. - Lagr. I334 p.34:

(Conferva; -Mel.) ----

SUBFLEXILE, K. - Lagr. I334 p.45:

(Melosira s., & Jurgensii; -Mel. varians, var. s.; -

TUBERCULOSUM, Cl. - Det. Syll. p. I330:

(Melosira t.) --

WESTII, O'M. - ? - (Melosira m.)

MARGARITOXON. -- (Ehrh, 1801.)

COHNII, Janisch in Verh. Schl. Gesells. January, I361;

(Entopyla C. & Australis; -Euphyria & Gephyria incurvata.) --

MASTODISCUS. --- (Bailey, 1874.)

Vide J.W. Bailey N. Sp. p.4: 1853:

(Auliscus.) -

MASTOGLOIA. ----- (Shevailer, 1846.)

Am. Nat. I333 p.510-519:

Zinn Atlas p. 92:

Atlas p. I. I35123, 41, 42, 44, 45;

C. Trav. 2, p. 142:

Atlas p. I. I37121, 23-30, 33, 35:

Per. Villier. p. 11-3121:

ACUTA, Grun. - Cl. Vega p. 491-5513; Malaisie; Det. Syll. p. I319:

Atlas p. I. I3513, 24:

Atlas p. I. I33114, 32, 34, 35, 36, 40:

Atlas I33122; Cl. Nav. 2 p. 136-23/13:

ACUTUSCULA, Grun. MSS.; Cl. Vega p. 495; Det. S. p. 319;

AFFINIS, Cl. - Led. No. Iip. I63-2319; Cl. Nav. 2 p. 151:

AFFINATA, Grun. - Atlas I33131; C. Nav. 2 p. 155: 4th p. 162-2715

(navicula; - M. equamosa.)

+ angulata, (M. Thaitiana, Cast., angulata, Gr.)
+ antiqua, Gr. - (M. Smithii, var. & M. elliptica v. Danesi;

+ apiculata, Cl. Nav. 2 p. 154: (M. acutiuscula ^{p. 154} ~~p. 154~~ Balkanica

+ arata, Cl. Nav. 2 p. 156-2 f 9:

Cl. Nav. 2 p. 146: -

+ aspenula, Gr. - L. D. Vol. 1 p. 161-23 f 12: - (M. Thaitiana, Gr.)
" var. Gilberti, A. S. - Atlas 187 f 14, 15: Cl. Nav. 2 p. 14

+ Baltjikiana var. bullata, Cl. Nav. 2 p. 158:

+ Baltica, Gr. - (M. lance, var. amphicephala & elliptica: - (Orthoneis, is.) -

> " var. splendens, Br. - L. D. Vol. 2, No. 16, p. 240-22 f 4: - (Orthoneis sp.?) -

+ Barbadensis, Gr. - Cl. Nav. 2 p. 149: - (Cocconeis 12, 4 varia Lodes.)
" var. impunctata, Br. - L. D. 1 p. 176-24 f 8: Cl. Nav. 2 p. 149:

+ Bospori, Danf. p. 15-154: - (M. Kinsonianii, -
" var. Baltjikiana, Gr. - L. D. # 545 see b: - (M. Baltj.) -

+ capitata of Gr. - Cl. Nav. 2 p. 151: - (Stigmaphora) Cl. 1891 p. 24:

+ Clevei, Cl. Nav. 2 p. 148: - (Gr)

+ Cocconeis, Cl. Nav. 2 p. 159-2 f 20: Atlas 188 f 14:

ALBIFRONS, Brun.-Atlas I37f33:

(M. exarata.) ---

AMPHICEPHALA, Grun.-Atlas I35f15:

" v. humerosa, Brun.-Atlas I35f13, 14;

AMYGDALA, Fortm.-Ann. Bot. Brit. I392p. 19-2f7: -(M. exigua)

ANGULATA, Lewis, N. & R. S. p. 65-2f4; Lagr. I373p. 57; Cl. & M. No. 205: Grun.

I373p. 15; Sm. Sp. T. 211; Villef. p. 44-3f22; Woll. pl. I07f10; Malaisie;

Atlas I35f24; I3714-II;

" v. pusilla, Grun.-M. M. J. I3771. 175-195f3; Cl. Nav. 2p. 147

ANTIQUA, Schum. H. T. p. 30-4f63; I3621. 190-9f53; R. E. D. p. 263; M. T. P.

I375p. 6 -109f4: LeD. No. I3p. 16-1f19; Det. S. p. 317; Cl. Nav. 2p. 147

APICULATA, S. B. D. 2p. 65-62f337; Grun. I360p. 577-5f9; Prit. p. 925; Bull;

+ Carr. p. 114; Guinard p. 33; Breb. Verm. p. 10f17; Jan. & R. p. 9-2f17; R. E.

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M. T. P. 2-5-3; Cl. Vega p. 494; Perag. p. 31; Villef. p. 44; Woll. pl. 5f24;

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> AUCILEGIA, Grun.-M. T. P. 2-5-5; Det. S. p. 323; Atlas I35f21, 22:

> BAHAMENSIS, Cl.-LeD. No. I3p. 14-1f15; Atlas I35f20, 21; Cl. Nav. 2p. 147

> BALUTICIANA, Grun.-Atlas I35f1, 2: Cl. Nav. 2p. 147; (M. Petholochia)

> BALKANICA, Grun.-Atlas I37140;

+ > BALTICA, Grun.-V. H. S. pl. 4f24; Det. S. p. 320; Atlas I35f33; (M. citr.) -

BINORNATA, O' M. -M. J. I371p. 211; Det. Syll. p. 325;

BINOTATA, O' M. -M. J. I3721. 312; Det. S. p. 325; Cl. Nav. 2p. 147

BISULCATA, Grun.-M. M. J. I3771. 173-195f3; Det. S. p. 323; Cl. Nav. 2p. 147

" v. Corsicana, Grun., V. H. S. pl. 4f23; Villef. p. 44; Det. S. p. 323;

Malaisie; Atlas I37f23; (Mel. Cors.) ---

BRAUNI, Grun. I363p. 156-13f2; I373p. 14; R. E. D. p. 263; M. T. P. 2-5-1, 2, 3:

+ V. H. S. p. 71-4f21, 22; T. No. 49; Truan I385p. 32-2f3, 4; Villef. p. 44; Cl.

I391p. 50; Det. S. p. 322; Atlas I35f39, 45; I38f4-12: Cl. Nav. 2p. 158:

" v. humila, Grun.-V. H. S. p. 71-4f23; Cl. I391p. 50; Det. Syll. p. 322:

> Atlas pl. I38f13: -(M. humil.)

BRUNII, A. S., Atlas I38f27; (M. fallax.)

> BULLATA, A. S., Atlas I36f36; -(M. erythroca.)

CAPITATA, S. B. D. 2p. 65-54f341; 62f337; Prit. p. 925; Grun. I360p.

577-5f9; Cl. 1897p. 24: (M. Smithii, v.) --

CAPITATA, Grun., M. J. I3621. 335-10f11, 12; R. E. D. p. 321; Det. S. p. 323:

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CHERSONENSIS, A. S., Atlas I36f31, 32; -(M. elegans) Cl. Nav. 2p. 147

CITRUS, Cl. Vega p. 495-35f7; Malaisie; Atlas I37f16-19; Det. S. p. 320:

(M. Balticae-Phylactenia ninita.) -- Cl. Nav. 2p. 147

CLEVEI, Br. & T. p. 39-9f13; Atlas I36f34, 35; -(Dietzoniensis) (v. l. O.) --

CLOSEII, O' M. I. D. p. 326-29f10; Det. S. p. 322:

+ COCCONEIFORMIS, Grun. I360p. 578-5f14; R. E. D. p. 263; Det. S. p. 321;

CONCINNA, A. S., Atlas I36f9:

CONSTRICTA, Cl.-LeD. No. 11f. 159-23f5; Cl. Nav. 2p. 154:

" var., A. S., Atlas I37f2;

CONVERGENS, O' M. -M. J. I373p. 319; I. D. p. 325-29f9; Det. S. p. 321;

CORSICANA, Grun.-Cl. & M. No. 153: (M. bisulcata, v.)

COSTATA, O' M. -I. D. p. 328-29f13; M. J. I373p. 319; Det. Syll. p. 313:

7 crucicula, Gn. Cl. Nav. 2p. 148

-(orthoneis)

Danesii, Dampf. Balt. p. 16-1f3: -(M. elliptica.)
" v. elliptica, Dampf. Balt. p. 16-1f3: -(M. elliptica.)
" v. turgida, Brun. - Atlas 185 f5-8: -(Elliptica, var. Danesii.)
" v. inflata, Brun. - vide description of atlas 185 f11:

7 Dubia, Cl. Nav. 2p: 162-2f38

elliptica, Ag. -

- > " v. Australis, Cleve, Nav. 2p. 152:
- + " v. Danesii, (M. a. signata, S. signata h.p. of Danesii, var. turgida.)
- > " v. punctata, Cleve Nav. 2p. 153:
- + entoleia, Cl. Nav. 2p. 158:
- + erythroea
- > " var. interrupta, Htz. - Cl. Nav. 2p. 154: -(M. interrupta)

+ exigua, Cl. Nav. 2p. 151: -(M. angulata.)

- > fallax, Cleve, Nav. 2p. 153-2f16: -(M. fallax)
- > flexuosa, Cl. Nav. 2p. 154-2f12:
- + viridana, C. (H. viridana)

fallax, H. fallax, Cl. Nav. 2p. 153: -(M. fallax) var. punctata, H. fallax)

- CRAVENI, Leud. Fortm. - LeD. Vol. 2p. 36-10f5; *Cl. Nav. 2p. 159*; (Orthon. ....)
 CRIBROSA, Grun. I860p. 577-5f10; *R.E.D. p. 263*; V.H.S. pl. 23f6;
 Malaisie; Det. Syll. p. 325; *Cl. Nav. 2p. 149*; (Orthon. ....) ----
 CRUCIATA, Fortm. - LeD. Vol. 2p. 35-10f4; Atlas I87f50; (Navic. ....)
 COSPIDATA, Cl. - LeD. No. I3p. I4-If13; Atlas I87f25-27; (Navic. ....)
 DANESII, Thw. - S.B.D. 2p. 64-62f333; Grun. I860p. 576; Prit. p. 924-15f30;
 R. Al. Eur. I001; Cal. p. II4; Mull; R.E.D. p. 261, 155; Eiben, I871; Prit.
 I.D. p. 326; Herib. p. 80; M.T.P. 2-6-29; Socotra; Dannf. p. 16-If3; V.H.S.
 p. 70-4f13; Cl. I88Ip. 3; Perag. p. 61; Det. S. p. 315; Atlas I35f22;
 (Dickieia; -M. elliptica.)
 v. limosa, Brun. - Atlas I85fII;
 DEBYI, Cl. - LeD. No. IIP. I61-23fII;
 DECORA, Fortm. Cey. p. 36-3f32; Det. S. p. 324;
 DECORATA, Grun. - Cl. Nav. p. 32; - (Navic. dispersa.) ----
 DECUSSATA, Grun. 1858; LeD. No. IIP. I62-23f17; Atlas I35f19, 41;
 (M. trivolvra?) - *Cl. Nav. 2p. 147*;
 DELICATULA, Cl. - LeD. No. I3p. I4-If20; Atlas I87f32; *Cl. Nav. 2p. 146*
 DIVERGENS, A.S., Atlas I87f52; *Cl. Nav. 2p. 161*;
 DOLJENSIS, Pant. Jr. 22-10f88; (M. Smithii, v.)
 EGREGIA, A.S., Atlas I86f16; *Cl. Nav. 2p. 162*;
 ELICTA, A.S., Atlas I87f3;
 ELEGANS, Lewis, W.M.D. p. 17-2f13; N. & I. p. 346-179; Ill. Sp. T. 5; Gr.
 Sp. T. 212; Woll. pl. 107f3; Det. S. p. 317; Atlas I87f40; I35f19, 20;
 I37f41; *Grun. 1882 p. 150-29f20*; *Cl. Nav. 2p. 154*;
 + ELLIPTICA, Ag. - V.H.S. pl. 4f19; Cl. I33Ip. 3; I39Ip. 50; Socotra;
 Atlas I35f8, 24-27; *Cl. Nav. 2p. 152*; - (M. obtusa, Pant. - ... (Grassillia, 2p. 161)
 v. Danesii, Thw. - Atlas I35f5-7; - (Frust. & M. Danesii.) *Cl. Nav. 2p. 152*;
 ELONGATA, Fortm. Cey. p. 36-3f31; Det. S. p. 321; Atlas I86f12; (M. ...)
 + ENTOLEIA, Cl. - LeD. No. IIP. I60-23f3; Atlas I35f15, 17; - (M. formosa.) -
 ERYTHROEA, Grun. I330p. 577-5f4; Hedw. Vol. 5p. 21; R.E.D. p. 263; M.V.S.
 I377p. 174-194f12; Det. S. p. 313; Atlas I35f25, 26; *Cl. Nav. 2p. 154*; (M. ...)
 v. vars., Grun. - M.M.J. I377p. 174-194f13, 14; Det. S. p. 317;
 v. biocellata, Grun. - M.M.J. I377p. 174-194f13; Det. Syll. p. 317; (M. ...)
 EXARATA, Cl. *Nav. 2p. 156-2f35*; Atlas I87f29; - (M. albifrons.)
 EXIGUA, Lewis N. & R.S. p. 65-2f5; Eiben, I871; Pet. Cat. p. 26; Malaisie;
 M.T.P. 2-6-26; Sr. Sp. T. No. 673; Cl. & M. No. I35; V.H.S. p. 70-4f26, 25; T.
 No. 50; Woll. pl. 30f15, 16; Cl. I39Ip. 50; Det. S. p. 322; Atlas I35f33;
 v. Gallica, Petit. - Atlas I35f35, 37;
 FOXINA, Cl. - LeD. No. IIP. I60-23f19; *Cl. Nav. 2p. 158*;
 FIMBRIATA, Grun. I333p. I33; R.E.D. p. 262; Det. S. p. 325;
 (Cocconeis; -Orthon. ....) - *Cl. Nav. 2p. 148*;
 FLORIDEA, Cl. - LeD. No. I5p. 55-3f1; *Cl. Nav. 2p. 151*; (este 'Floridana')
 FOLIOLUM, Brun. - Atlas I87f45; *Cl. Nav. 2p. 162*;
 FORMOSA, Cl. - (M. entoleia.) --
 FUNAEBIENSIS, A.S., Atlas I87f13; (M. ...)
 GILBERTI, A.S., Atlas I87f14, 15; - (M. asperita, v.)
 GOESII, Cl. - LeD. No. IIP. I60-23f3; Atlas I35f15; *Cl. Nav. 2p. 154*; (M. ...)

... .., Cl. Nav. 2p. 149-214

> Hillaaryana, Brn. - L.D. 2, No. 22 p. 240-22 f 5: - (Orthoneis)

inaequalis, Cleve Nav. 2p. 150-2 f 15:

- gibbosa, Gr. - Nav. 2p. 150-2 f 15: - (Orthoneis)

" fossilis, Cl. Nav. 2p. 160:

" marina, Jan. R. - Cl. Nav. 2p. 160-2 f 13: - (Nav. mar. l. c.)

> Kelleri, Pant. - Cl. Nav. 2p. 160: - (Nav.)

> Kinkeri, Pa. t. 3 pl. 41 + 562: - (M. Balty)

+ Subensis, Cl. Nav. 2p. 157-2 f 5: (M. rectiuscula, L. G. Atlas 187 f 10)

laminaris,

" var. intermedia, Cl., Nav. 2p. 153-2 f 10:

> lamprostricta,

" var. adamantina, Brn. - L.D. 2, No. 22 p. 240-22 f 8:

> lanceolata, forma micena, Brn. - L.D. 2, No. 22 p. 22 f 10:

> latericia, Cl. - Cl. Nav. 2p. 162: - (Orthoneis). Atlas 187 f 10:

GREVILLEI, S.B.D. 21. 35-32f1339; M.J. 1333. 4-1f13; M.M.J. 1333. 7; M.I. p.925; Heib.p.94; Carr.p.114; Jan. & R.p.9-4f9; R.E.D.p.260; O'M.I.D. p.323; V.H.S.p.71-4f20; T.No.48; Wolle pl.30f17,18; Kinnora; Del. Syll.p.315; Atlas 135f1-3: *Cl. Nav. 2p.146*; (M. Smithii, v.)-

* v. elliptica, Brun.-Atlas 135f19:

GROVEI, Cl.-Led.No.IIp.131-23f10: *Cl. Nav. 2p.149; (M. Smithii) -*

GRUNDLERI, A.S., Atlas 133f26; *Cl. Nav. 2p.162*:

GRUNOWII, A.S., Atlas 133f1-7: -(M. 5-Costata.)

HORVATHIANA, Grun. 1330p.573-5f13; R.E.D. 1.353; Pat.Vill. 1.44:

DeT. S.p.325: *Cl. Nav. 2p.149*:

(Orthoneis.)---

INTERRUPTA, Hantzsch, 1333p.20-2f5; Grun. 1333p.16; R.Alg. Eur. 1.13 No.

1403; R.E.D.p.263; DeT. S.p.323; Atlas 136f37; -(M. Erythroca, var. int.) -

INTERSECTA, A.S., Atlas 136f33; *Cl. Nav. 2p.162*;

JAPONICA, Cl.-Led.No.IIp.132-23f16; *Cl. Nav. 2p.160*:

JAVANICA, Cl.-Atlas pl.133f33: *Cl. Nav. 2p.159*:

JELINECKI, Grun. 1333p.99-12, f11; M.M.J. 1377p.174-195f11; Sm. Sp. T. No.

213; A.J.M. 1373p.134; Malaisie; Cl. 1373p.7; Vega p.494; Del. S.p.

313; Atlas 137f19; *Grevillea vol. 1p.78-5f12: Cl. Nav. 2p.160* (Nav. Jelineckii) --

* forma minor, Cl.-DeT. Syll.p.323; - - - - - (Nav. Jelineckii)

* v. rostellata, Grun., in Heaw.; - - - - - : Del. S.p.313: -(M. rost.) --

* v. Italica, Brun.-Atlas 137f43; -(M. Jelin.) -

KARIANA, Grun.-Cl. 1330p.17-1f3; Vega p.460; Del. S.p.319; *Cl. Nav. 2p.151*:

KERGUELENSIS, Cast. 1337p.22-13f11; Del. S. 1.321; (M. 5-Costata, var. E)

KINSMANNI, Lewis, M.D. 1.17-2f15; Wolle, pl.25f25, 27; Del. S. 1.317: (M. 5-Costata, var. E)

KUELLMANNI, Cleve Vega p.495-35f6; Malaisie; DeT. Syll.p.319:

Atlas pl.136f27: *Cl. Nav. 2p.147*:

LABUENSIS, Cl. Vega p.495-35f6; Del. S. 1.316; Malaisie; Atlas 133f4: +

LACUSTRIS, Grun.-V.H.S.; (M. Smithii, v.)-

* v. conifera, Brun.-Atlas 135f12:

LAMINARIS, E.-Grun., Cl. & M.No.153; Cl. Vega p.494; DeT. S.p.321:

Malaisie: *Cl. Nav. 2p.153*:

((Ceratonais))

LANCEOLATA, Thwaites.-S.B.D. 21. 34-54f310; Grun. 1330p.576; 1373p.14-

3f11; Prit.p.924; Heib.p.94; Eul. Sp. T. No.56; Carr.p.114; R.E.D.p.

261; M.D. pl.42f22; New Zealand; Lewis, N. & R.S.p.39; Girard Foss.p.13-

3f5; Hull; 1333p.230; Cl. & M. 206; Sm. Sp. T. 214; Breb. Verm. p.10; O'M.

I.D.p.324; Macdonald pl.10f21; Dannf. p.15-1f2a, b; Fortm. Cey. p.35;

Lanzi, Ostia p.31; 1376p.5: M.T.P. 2-5-7: V.H.S.p.70-4f15-17; Lag. 1376

p.57; Carp. 1331p.359f190; Wolle pl.30f19; Perag. p.61; Pant. 2p.41;

Malaisie: Atlas 133f29: *Cl. Nav. 2p.153*; (M. & Nav. 133f29)

* var. "b" producta, Grun. 1330p.576-5f6; Lagr. 1376p.57; Malaisie;

Cl. Vega p.494;

(M. Smithii, p.1.)

* var. "g" minuta, Grun. 1330p.576-5f7; Malaisie;

* v. Hungarica, Pant. 2p.41-7f136; -(M. Smithii) -

LANCETIOLA, Cl.-Led.No.IIp.133-23f13; Atlas 133f34; *Cl. Nav. 2p.151*:

LINEOLATA, A.S., Atlas 136f35;

LEMNISCATA, Fortm. Cey. p.35-3f29; Malaisie; DeT. Syll.p.324;

Atlas 136f14, 15; *Cl. Nav. 2p.159-2f26*: -(M. decora, Fortm.)

LEUDUGERI, Cl. & Grove.-Led. Vol. 2p.68-10f5; Atlas 133f13; *Cl. Nav. 2p.151*:

LINEATA, Cl. & Gro.-Led. Vol. 2p.59-9f11; Malaisie; Atlas 133f22; *Cl. Nav. 2p.151*:

+ marginulata, M. J. 1877 p. 175: Cl. Nav. 2p. 150

> hirsuta, Paris,

(Pocconis.)

" microscopa, M. J. 1877 p. 22/24-22

> resquena, Pa. 7. 3 pl. 42 f 50: - (M. Balty.)

notata, Pent. - Cl. Nav. 2p. 151: - (Orthoceras.)

> annulata, Cl. Nav. 2p. 150-2 f 19: - (Orthoceras, Pocconis.)

> Putschella, Cleve, Nav. 2p. 153-2 f 27-29:

> Purpura Gm. - Cl. Nav. 2p. 157: - (M. Braueri, v. purp.) -

Quinquecostata, Cl. Nav. 2p. 161: (Nav. olivacea Geze is: m. granovii + obscura, 5 dorsalis + sinuata, f. 4)

" triquetralis, Post. Cl. Nav. 2p. 161: - (M. Kory.)

" elongata, Cl. Nav. 2p. 161: - (M. elong.) -

" oblonga, Cl. Nav. 2p. 161: -

> Rhomboides, P. f. 1877 p. 175: - (M. Balty.)

+ rhombus, Cl. Nav. 2p. 146:

+ rostellata, Cl. Nav. 2p. 147:

+ rhombus, Cl. Nav. 2p. 150:

- MACDONALDII, Grev.-Trans.Bot.Soc.Edinb.1854.237-3115; Det.S.11.
p.323; Atlas pl.187f42,43: *Cl. Nav. 2p. 158-2f21*:
- MANCA, A.S., Atlas 183f33;
- MARGINULATA, Grun.1863p.15-1112; M.T.P.2-5-4; Det.S.1.321;
* var., A.S., Atlas 186f30; -(*A. marg.*) -
- MAURITIANA, Brun.-Atlas 186f28;
- MAXIMA, Grun.1863p.156-13f1; R.E.D.p.262; Det.S.p.313;
- MELLAGRIS, Grun.1863p.156; 1863p.16; R.E.D.p.261; M.T.P.2-5-5; Cl.
Java p.12; Det.S.p.314: (*Ceratoneis*; -*M. lanceolata*; -*Navicula*
* v. *Hungarica*, Pant.-Det.S.p.315: (*M. lanceolata*, v. *min.*)
* v. *undulata*, Grun.-R.E.D.p.261; Det.S.p.315: (*Mast. und.*)----
- MINUTA, Grev.-R.J.M.S.1857p.12-3115; Prit.1.925; Grun.1863p.16; R.E.
D.p.263; M.M.J.1877p.174-195f7; Fortm.Cey.p.35: Cl. Vega p.494; Det.
S.p.317; Malaisie; Atlas 187f22,24; *Cl. Nav. 2p. 158-2f21*:
- * forma *Borneensis*, Det.Syll.p.317:
- OBESA, Cl.-Led.No.15-1f16: *Cl. Nav. 2p. 160*:
- OBSCURA, Fortm.Cey.p.33-3183; Det.Syll.1.324; -(*M. truncatula*)
- OBTUSA, Pant.2p.41-71f34; Det.S.p.319; }-(*M. elliptica*)
- * v. *fluvialis*, Brun.-Atlas 183f18;
- OCULIFORMIS, Brun.-Atlas 187f39;
- OVALIS, A.S., Atlas 185f30; -(*M. ovata*.)
- OVATA, Grun.1863p.573-5f12; R.E.D.1.262; Cl.1863p.17-1112; Vega p.
460; V.H.S.pl.28f5; Brun & T.p.72; Villef.p.44: Det.Syll.p.318;
Malaisie; *Cl. Nav. 2p. 158-2f21* (*Orthoneis*.)----
- PARADOXA, Grun.-Cl. & M.1857? Det.Syll.1.325; (*Cl. Nav. 2p. 158-2f21*)
- PANDURIFORMIS, Cleve.-N.L.K.O.1.4-1f1: (*Dictyonis* f.)
- PORTIERANA, Grun.1863p.157-13f3; R.E.D.p.263; O'M.I.D.p.320-2311:
Det.S.p.218: *Cl. Nav. 2p. 153*: *Rev. Cell. h. 44-5f23*
- PERAGALLI, Cl.-Led.No.IIp.160-23f7; Atlas 186f39; *Cl. Nav. 2p. 158-2f21*
- PERACUTIA, Jan.-Atlas 187f37; *Cl. Nav. 2p. 162*:
- PETHOI, Pant.3p.7-37f519: (*M. mistiv.*)
- PISCICULUS, Cl.-Led.No.151.55-312; *Cl. Nav. 2p. 158-2f21*
- PUSILLA, Grun.1873p.14-3f10; J.R.M.S.1879p.373; Atlas 185f31,32;
(*M. Smithii*, v.) *Cl. Nav. 2p. 158-2f21*; *Cl. & M. 1872*
- QUINQUECOSTATA, Grun.1863p.573-5f3; 1863p.16; R.E.D.p.262; Cl. Vega p.
494; Perag.p.61; Villef.1.44-3f21; Malaisie; Det.S.p.323; Atlas 187f1:
* var., A.S., Atlas 186f17,18:
* var., Hantzsch 1863p.20-6a,f6: (*M. 5-cost.*)----
* v. *Neapolitana*, Brun.-Atlas 186f10:
- RADIANS, A.S., Atlas 188f23; *Cl. Nav. 2p. 162*:
- REMOTA, A.S., Atlas 188f29; *Cl. Nav. 2p. 162*:
- RETICULATA, Grun.-M.M.J.1877p.174-195f14; J.Q.C.1863p.321; Villef.p.
44-2f10: (*Dictyonis Jamaicensis* & *marginata*.)----
- * v. *Japonica*, Brun & T.p.72:-(*Dict. marg. var. Janischii*.)
- RHOMBICA, Cl. Vega p.494-3519; Malaisie; Det.Syll.1.325; *Cl. Nav. 2p. 158-2f21*
- RHOMBUS, Petit.-Led.Vol.21.53-9f12; Atlas 187f33-35; Malaisie; -(*Nav.*)
- ROSTELLATA, Grun.-M.M.J.1877p.174-195f12; Det.S.p.313; -(*M. Jelinekii*, v.)
- RIMOSA, Cl.-Led.No.13p.13-1115; Atlas 186f25; *Cl. Nav. 2p. 158-2f21*

+ aequalis,

1 1 1 1

DISCIPLEA, E. - Abh. B. 1345p. 153; W.S.A.p. 25; Prit.p. 314; Det. S.p. 1012;
 HEPTAGONA, E. - A. Ber. 1344p. 209; A.J.S. 1341. 320-412; W.S.A.p. 25;
 Prit.p. 314; Woll. pl. 59f9; Det. Syll.p. 1014;
 HEXAGONA, E. - Abh. Ber. 1345p. 155; M.D. pl. 43f25;
 OCULUS-CHAMELEONTIS, E. - Abh. B. 1341. 259; W.S.A.p. 25; Prit.p. 314;
 Det. S.p. 1013; (Pyxidicula.) -
 PRAETEXTA, E. - Mik. pl. 10115; M.D. pl. 43f20; (Pyxidicula.) -
 QUINARIA, E. - A. Ber. 1344p. 209; W.S.A.p. 25; Prit.p. 315; Det. S.p. 1013;
 ROTIA, E. - Abh. Ber. 1344p. 209; W.S.A.p. 25; Prit.p. 314; Det. S.p. 1013;
 (M. crux, var.) - RUTILALS, Brun. - Le D. vol. 2 No. 22 p. 240-22 f. 11/12;
 SEXANGULA, E. - Abh. B. 1344p. 209; Mik. pl. 33-17f12; W.S.A.p. 25; Prit.p.
 314; M.D. pl. 43f25; Woll. pl. 62f13; Det. S.p. 1013;
 SIMBIRSKIANA, Pant. 2p. 75-29f314, 315; Det. Syll.p. 1014;

MASTONETS.-----

BIFORMIS, Grun. - Cleve Revue. p. 194: - (Stammonia Australis & c.) ---

MELONAVICULA. -- (? 1890.)

Vide J.R.M.S. 1390p. 78: -- Possesses Priority over
 the Genus "Raphidodiscus" of Christian, and is identical. --

MELOSIRA. ----- (Agardh, 1824.)

-, Meneg. A.N.D. p. 339; -, Greg. D.C. p. 27-2f44;
 -, Pfitzer p. 123; -, Tanarek 1379p. 57;
 -, B.S.B. 1335p. 153-1f3; -, Ann. S. Belg. 1333pl. 4f2d, e;
 -, Pant. 3p. -27f1094; -, Atlas pl. 17515, 16, 17, 25;
 -, Atlas 176f53, 53, 59; -, 177f11, 51-53;
 -, Atlas 178f34, 47-51, 53, 59; -, Atlas 179f1;
 -, Atlas 130f41-44; -, Atlas 131f55, 30, 32, 33, 35-37;
 -, Atlas 132f6-3, 23, 25, 33, 40, 41, 47; -, Atlas 133f1, 12;
 Aequalis, A. Cons. p. 34; W. Syn. p. 30; Linnea 133p. ; R.S.D.p.
 13-2f10; R.E.D. p. 40; (M. varians.) ---
 AMERICANA, K.B. p. 55-30f39; W.S.A.p. 30; A.M.N.H. 1343p. 13; Prit.p.
 320; R.S.D.p. 14-2f11; R.E.D. p. 44; Woll. pl. 57f10; (Orthosira.)
 ANASTOMOSANS, Grun. - V.H.S. pl. 90f14; Det. Syll. p. 1012;
 ANGULATA, Grun. - E.D. p. 40; Forum. Cey. p. 72; Malaisia;
 (Coscinodiscus decipiens & minor; -Orthosira.) ---
 ARCHITECTURALIS, Brun. - Atlas 177f45-50; Det. S.p. 1343;
 ARCTICA, Dickie. - Prit.p. 319; R.E.D. p. 44;
 (Gaillonella; -M. hyperborea & nummuloides, var.) ---
 ARCTICA, E. - Abh. Ber. 1353p. 523;
 ARCUATA, Pant. 3p. -9f157; Det. S.p. 1347;
 ARENARIA, Moore. - A.N.H. 1343p. 319-914; W.S.A.p. 25-21f27; W.S.A.p. 25; R.
 S.D. p. 14-2f5; Mull; Desmaz. I, No. 3II; 2, No. II: Prit.p. 319-3f17; R.D.
 Ex. No. 39; R.E.D. p. 42; R. Alg. Eur. Nos. 42I, 726; Neupauer pl. 3f37; Weisse
 1334p. 632-4f2; Schum. H.T. p. 3D; Girard Foss. p. 9-1f7; Italy; Nylander;
 Pet. liste p. 26; M.T.P. 3-6-5; Brun Alp. p. 136-1f2; Dannf. p. 49; Sm. Sp. I.
 216; V.H.S. pl. 90f1-3; T. No. 463; Botan. Cbl't. 1333p. 194; Bot. Deutsch.
 Gesells. 1335p. 35pl. ; Prings. Jahrb. 1333pp. 231-290, pl. 14 to 13; -----

- J.R.M.S. I835p.497; Hoffmann, Marburg; Delogne; Perag. p.77: Wolle pls. 53f5-7; II2f2; Cl. I89Ip.66; Herib. p. I86; Del. S. p. I333; Atlas pl. I79f I5-20; *Ardissona* I863p.396: -(Cyclotella rotula; -M. arenosa; -Orthosira -Gaillonella a., biseriata, undulata, varians, vermicularis.)--
 " v. granulata, Gutw. Mater. Fl. Galicyi I890p.36-I832; Del. S. p. I339;
 " v. Hungarica, Pant. 2p.77; 3p. -40f555; 39f546; Del. S. p. I339;
 ARENOSA, Hass. Alg. p.393-93f2,3; (M. & Orthosira arenaria).
 ?
 ASIATICA, Brun.-Atlas I79f6; Del. S. p. I347;
 ARUNDINACEA, Castr. in litt., I893; Del. Syll. p. I346;
 BAILEYI, H.L.Sm.-Atlas I32f53; (Cestodiscus.)-
 BIHARENSIS, Pant. Ip. -I5f I30; Notar. I333p.533; Del. S. p. I343;
 BINDERIANA, K.S.A. 55-58; R.S.D. p. I4-2f I2; R. Alg. E. No. 324; R.E.D. p. 42; Hoffmann, Marburg; Ebert, Cassel;
 (M. Italica & crenulata, var.)-
 BISERIATA, E.-Grun., Atlas I80f22; Carp. I33Ip.363, fI92 sub; Mik. pl. 33-I2f I3; Del. S. p. I347; (Gaill.)--
 BITUMINOSA, Pant. 2p.77-7f I30; I2f2 I3; Del. S. p. I344;
 " v. dilatata, Pant. 2p.77-9f I53; I6f272; Del. S. p. I344;
 " v. interrupta, Pant. 2p.77-3f I4I; Del. Syll. p. I344;
 BORRERI, Grev.-Hooker's Brit. Fl. Vol. 5p.40I; Wyatt Alg. Danm. No. 232; A. M.N.H. I343p.343-912; I348p.3-III^a C^a: Harv. Manual p. I96; S.D. 2. 81. 73-50f330; Front.; Heib. p.28; N. & R.S. p.7I; Hull; Italy; O'M.I.D. p.246-26f I; Castr. Milan I873p. I7; Dannf. p.48; Grun. I873p.3I-4f I4; I884p.43; J.R.M.S. I873p.686; M.T.P. 3-6-8; V.H.S. p. I98-35f5-7; T.453; Perag. p. 77; Villef. p.79; J.Q.C. I835p. I74; I837p.66; Cl. Vega p.490; I89Ip.66; Wolle pl. 53f8-II; Herib. p. I84; Atlas I82f34; (Mel. & Gaill. moniliformis; Frag. & Gaill. lineata; -M. Bottnica & nummuloides.)-
 " forma applanata, A.S., Atlas I82f33;
 " var., H.L.Sm. Sp. T. No. 677;
 " v. Bottnica, Dannf.-Cl. I89Ip.66: -(M. Bott.; -Lysig. moniliforme, v.)-
 " v. hispida, Castr. A.N.L., I879; Cl. Nares; V.H.S. pl. 35f8; (Lysigonium moniliforme, var.)--
 " v. ignimontana, Brun & H.-Herob. p. I34-2f I;
 " v. moniliformis, Grun. I873p.3I;
 " v. octagona, Grun. I873p.3I-4f I2; Cl. I89Ip.66: -(Podosira constricta.)-
 " v. subglobosa, Grun. I873p.3I-4f I3; Malaisie;
 BOTTNICA, Grun.-Cl. & M. No. 237; Dannf. p.48; (M. Borreri, v.)--
 CALIFORNICA, Ralfs.-Prit. p.3I9; R.E.D. p.44; Sm. Sp. T. No. 2I3; Amazon: E., Abh. F. I852p.534; Del. Syll. p. I348; (Gaillonella.)-
 CALLIGERA, E.-K.S.A. p.3I; Prit. p.3I9; Del. S. p. I345; (Gaill.)--
 BOULAYANA, Perag.-Herib. pp. I89, 229;
 BRUNII, Perag. & H.-Herib. p. I88-5f8-I0;
 CAMPYLOSIRA, E.-Ralfs, Prit. p.3I9; R.E.D. p.44;
 Del. S. p. I343; (Gaill.)--
 CANALIFERA, Brun & H.-Herib. p. 224-6f I5;
 CAPUT-MEDUSAE, Pant. Ip. 45-I7f I5I; Notar. I333p.536; Pant. 2, p.77;
 Del. S. p. I343;

+ Clavigera, (M. & Gail soc.) -

2.

CARCONENSIS, Grun.-V.H.S.pl.37f27:

(M.granulata,v.)-

CINCTA, Pant.Ip.46-30f306; 2,1.77; Notar.I833p.536; DeT.S.p.I343;

CIRCULARIS, E.-Ralfs, Prit.p.821:

(Gaill.)--

2 CLAVIGERA, Grun.-V.H.S.pl.9If1,2; J.Q.C.I835p.I74; I837p.66: Wolle
pl.53f16; Pant.2,p.77; DeT.S.p.I342; Atlas I75f21-24; I79f22; 3

CLYPEUS, Brun & Temp.p.40-5f14; Atlas I79f2,3; DeT.Syll.p.I333;

COARCTATA, E.-Amer.pl.3-5f9; Prit.p.818-IIIf20,27; R.E.D.p.44; DeToni,
S.p.I343: (Gaill.; -M.Italica.)

CONCATENATA, Rabh.E.D.p.33; Italy; DeT.S.p.I349:

(M.salina,var.)--

CONCINNA, Castr.Intrasc.I865p.I6, No.I02; Heuw.Vol.5p.III; Italy;

DeT.Syll.p.I333;

CORNUTA, Br.& Temp.p.40-7f18; DeT.Syll.p.I342;

CORONATA, K.S.A.p.31; Prit.p.320; R.E.D.p.44;

(Gaill.)--

COSTATA, Grev.-T.M.S.I866p.77-8f3-6; Sm.Sp.T.No.219; Reinhard;

Atlas I80f35-37:

(Skeletonema.-----

Vol.Castr.I837p.93-24f5;

CRENULATA, K.S.A.p.55-263; R.S.D.p.I4-2f3; Marissal; Italy; R.E.D.p.41;

Bleisch,I863; Weisse I864p.660-4f5; Neupauer p.I39-If3; Dannf.p.49:

M.1.P.3-3-I2; Sm.Sp.T.220; Pet.liste p.23; Cl.& M.219; I89Ip.66: V.

H.S.p.I99-88f3-5; Kinnora; Lake Michigan; Grun.I834p.49; V.H.T.No.

464; Hoffmann,Marburg; Wolle pl.57f16,17; Spaner,Daren; Malaisie;

Herib.p.I36; Atlas I8If4-II,23,43,44,31; DeT.Syll.p.I334;

(Aulacosira; -Gailonella c. & Italica; -M.Italica,var.; -M.& Orthosira
orichalcea.)--

var., Cleve.-Atlas I8If2;

v.ambigua, Grun.-V.H.S.pl.38f12-15; Grun.I834p.49-5f45; Malaisie;

Cl.I89Ip.66; Herib.p.I37; Pant.3p. -24f352; Atlas I8If12-15;

DeT.Syll.p.I335; a. cl. 1895 p.38

v.Binderiana, K.-V.H.S.p.200; DeT.S.p.I335:

(Mel.Bina.)---

v.debilis, Pant.3p.2. -22f323; DeT.S.p.I335:

v.fossilis, Pant.2p.77-13f227; DeT.S.p.I336;

v.hungarica, Pant.3p.2. -7f115; DeT.S.p.I336;

v.Italica, K.-V.H.S.pl.38f7; DeT.S.p.I335; -Gaill. cont. (Mel.It.)---

v.Javanica, Grun.-V.H.S.pl.38f6; Malaisie; DeT.S.p.I335;

v.laevis, E.-Grun., DeT.Syll.p.I335:

(Mel. & Gaill.1.)

v.lineolata, K.-Grun.I834p.49-5f46; Cl.I891p.66; Atlas I8If1;

DeT.S.p.I335;

(Mel.lineol.)--

v.Mocsarensis, Pant.3p.2. -24f360:

v.Pantocsekii, DeToni, Syll.p.I336: (M.cren.v.ambigua, Pant.)-

v.tenuis, K.-V.H.S.p.200; Grun.I834p.49-5f33; V.H.T.sub No.464; Cl.

I89Ip.66; Wolle pl.57f19,20; Atlas I8If29-31,33,56; DeT.Syll.p.

I335:

(Mel.t.)--

v.semilaevis, Grun.-DeT.Syll.p.I335: V.H.S. 88 f. 18:

(Mel.sem.)

v.Jeremiae, Grun.-DeT.Syll.p.I335:

(Mel.Jer.)-

v.tenuissima, Grun.-DeT.S.p.I335:

(M.ten.)

v.undulata, Pera & H.-Herib.p.I37-5f15:

v.valida, Grun.-V.H.S.pl.38f3; Atlas pl.I8If32; Herib.p.I37:

DeT.S.p.I335;

CRIBROSA, K.S.A.-A.M.N.H.I857p.II-2f15:

(Coscinoiscus concavis.)

+ Dickiei, Thw. =

7 " forma Chilensis, En. VHS. pl. 90 f 13, 14: (En.)

+ distans, E. =

+ " v. scalaris, VHS. pl. 86 f 3066, 31; Woll. pl. 57 f 23-25, 28:

CRISTATA, Pant.2p.77-IIIf135; DeT.Syll.p.1344:

CYCOLA,

Thun's Catalog,

CRUCICULA, Grun.-DeT.Syll.p.1345:

(Orthosira.)---

CURVATULA, Jan.-Atlas I79f24; DeT.Syll.p.1347;

CROTONENSIS, Bailey.-Sm.Sp.T.No.373: Wollé pl.57f6:

(Gaill.c.)-

DAVIDSONII, A.S., Atlas I3If33-90:

DECIPIENS, Grove.-Atlas I3If24-23:

DECUSSATA, E.-K.B.p.56-3f7(1-3,5); K.S.A.p.30; Prit.p.320; R.E.D.p.

43; Sm.Sp.T.221; DeT.S.p.1344:

(Gail.d. & granulata.)

" v.ordinata, K.B.p.56-3f7(4); K.S.A.p.30; (Gail.granulata, Marchica.)-

" v.maxima, Rabh.E.D.p.43:

+ DICKIEII, Thw.-K.S.A.p.339: Prit.p.320-I5f29a-d: R.E.D.p.43; Sm.Sp.T.

No.222; V.U.S.p.200-901 *10,12,15,16*; T.No.439; Pant.2p.77-I3If24,241:

23f340,342; Herib.p.133; DeT.S.p.1340;

(Orthosira.)---

> " v.ossilis, Pant.2p.77-3f146; DeT.S.p.1340;

DISCIGERA, Ag.Syst.p.3; Berkeley Glean.p.31-IIIf2:

(Gail. & M.nummuloides, *sp. n.*)

DISTANS, E.-K.B.p.54-2f12; K.S.A.p.29; R.S.D.p.13-2f9; Braemar; S.B.D.

2p.58-6f335: A.M.N.H.1355p.260; Weisse I36Op.353-1f2; I364p.360-4f3:

Prit.p.313; R.D.Ex.No.41; R.Alg.E.No.1165; Carr.p.92; Schum.H.T.p.

31; Nylander, W.: R.E.D.p.41; O'M.I.D.p.247-26f3; Petit & Leud.; Sm.

Sp.T.223; Italy; M.T.P.4-6-17; Lagr.I373p.14; Brun Alp.p.135-1f3; Cl.

& M.No.56; I38Ip.7; I39Ip.66; Neupauer p.139-2f39; Hoffmann, Marburg;

V.H.S.p.199-36f21-23; T.461; Wollé pl.57f30-32,36; Malaisie; Herib.

p.135; Atlas I3If64,65; I32f4,5; DeT.S.p.1333; *Q. Ce. 1894*

(Gaillonella.)

" vairs., H.V.U.S.pl.36f17-20; A.S., Atlas I31f14;

" v.alpigena, Grun.-V.U.S.pl.36f23,29,30a; Malaisie; I31f14.

" v.laevisima, Grun.-Atlas I32f13; DeT.S.p.1333:

(Det.1.)---

" v.nivalis, W.S.-H.V.U.S.p.199; *86f18-27*; Br. Alp. I35-1f4; V.U.Type 40;

DeT.S.p.1333; Malaisie; -(Cocc. minor; -M.nivalis; -

(Orthosira.)--

" v.seata, E.-DeT.Syll.p.1333;

(*G. seata*.)

" v.scalaris, Grun.-Atlas I3If34-41; DeT.S.p.1333:

(M.scalar.))--

DOZYANA, VandenBosch, in K.S.A.p.29; Prit.p.321; DeT.S.p.1345;

DUBIA, K.B.p.53-3f6; K.S.A.p.23; Prit.p.317; R.E.D.p.39;

Atlas I77f59:

(*Poussira*.)---

DUPLICATA, A.S., Atlas I32f52;

EXCENTRICA, Pant.3p. -6f90; DeT.S.p.1347;

EXPECTATA, A.S., Atlas I77f54-58; DeT.S.p.1346;

FAUSTIA, A.S., Atlas I77f3-10; DeT.Syll.p.1343;

FEROX, A.S., Atlas I30f23; DeT.Syll.p.1347;

FRAGILIS, K.-Linnaea I333p.72:

(Conferva.)----

FRANKLINI, E.-Cl.I363p.213; DeT.S.p.1349:

(Craspedodiscus; -Hyalodiscus F. & subtilis; -Pyxidicula Auristica.)----

FUNGIFORMIS, Pant.3p. -19f275; DeT.S.p.1347;

GALLICA, Ralfs, Prit.p.321; DeT.S.p.1343:

(Gail.)-

GARGANICA, Rabh.S.D.I.14-2f3; Prit.p.321; R.E.D.p.44; Italy;

DeT.Syll.p.1345;

+ granulata, E. -

" v. Australiensis, H.V.H. - 87f14: (9218)

" var. " varprocera, H.V.H.S. pl. 87f15:

" v. Jeremiae, G. - H.V.H.S. pl. 87f17:

" var. Jonensis

" forma curvata, H.V.H.S. pl. 87f24:

" forma procera, H.V.H.S. pl. 87f23:

- GELIDA, Cleve Vega p.490-33f83;
 GLOBIFERA, Harvey Man.p.196; A.M.N.H.1843p.349-9f3; K.B.1.56;
 (Rosaria; -Podosira Montagnei.)----
 GLOMUS, Castr.1887p.95-2If10; Notar.1889p.759; Det.S.p.1336;
 v.major, Castr.1887p.95-2If11; 23f4:
 GOWENII, A.S.,Atlas 176f4-6; (M.annulata.)--
 GRANDIS, Party Kl.Leb.p.200-17f4; (Cymatopleura elliptica.)
 GRANULATA, E.-Ralfs, Prit.p.320; Schum.H.T.p.31; 1869p.85; Beitrage
 1869p.706; Weisse 1864p.107-1f1; R.E.D.p.43; Grun.1868p.20; 1334p.
 49-5f42; Brun Alp.p.137-9f25; Italy; Sm.Sp.1.224; Carp.1881p.353,f
 192 sub; V.H.S.p.200-37f9-12; T.No.463; Pant.Ip. -22f202; 31 **2.**-7f
 106; B.J.N.H.1861p.332-1f7; Cl.1891p.66; Wolle pl.57f7-9,21,22,33;
 Herib.p.155; Kane Mich.p.; Atlas 131f57,58,59; Malaisia; Pant.2f.
 73-71121; Det.Syll.p.1334;
 (Gail. g., Marchica, procera, tenerrima; -M.Carcenensis, crenulata,
 ornata & spiralis.)---
 v. **s.**, H.V.H.S.pl.87f7,8:
 v. **b** maxima, E.-Abh.Ber.1853p.527; R.E.D.p.43; Italy:
 v.attenuata, Pant.3p.23f414; -Det.S.p.1334;
 + v.Australiensis, H.V.H.S.pl.87f13, **4**16; Det.S.p.1334;
 v.borealis, Pant.3p. **2.**-7f109; Det.S.p.1334;
 v.Boryana, Pant.3p. **2.**-1f6; Det.Syll.p.1334;
 v.bambusina, Petit.-Jour.de Mic.1890,f2; Det.Syll.p.1334;
 v.curvata, Grun.-V.H.S.pl.200-37f18; Det.S.p.1334;
 v.decussata, V.H.S.pl.87f17; - (**M. gran.?**)--
 v.hungarica, Pant.3p. **2.**-13f272; Det.S.p.1334;
 v.Jonensis, Grun.-V.H.S.pl.87f25,26; Det.S.p.1334;
 v.Carcenensis, Grun.-Det.Syll.p.1334; (Mel.Carc)
 v.procera, H.V.H.S.pl.87f **9**:+ (Mel.proc.)---
 v.spiralis, Pant.Ip. -11f96; Det.S.p.1334; (Gail. & M.sp.)-
 GROVEI, A.S.,Atlas 130f40; Det.Syll.p.1347;
 HALOPHILA, Ralfs, Prit.p.321; Det.S.p.1343; (Gail.)---
 HARADAAE, Pant.3p. -3f124; Det.S.p.1347;
 HERIBAUDI, Brun.-Herib.p.190-2f9; Atlas 132f22,23;
 HETRURICA, K.B.p.55-2f6(0); K.S.A.p.29; Prit.p.320; Det.S.p.1345;
 HEUFLERI, Mene.-K.B.1.44; (Diatoma & Oontidium Menei.)----
 HISPIDA, Peraz.Villef.1.79-2f13; Atlas 131f51,55; Det.S.p.1339;
 HOKKAIQUANA, Pant.3p. -3f135; 3191; Det.S.p.1340;
 HORMOIDES, Montagne, Flora Bolivia **1839**-p.2; 131p.1.29; Cl.1863p.216;
 113; 21, Baltic; Latr.1873p.9; (Podosira h. & hormoides.)--
 HOROLOGIUM, Ralfs, Prit.p.319-5f32; Wolle pl.63f20,21; Det.Syll.p.
 1343; (Gail.: -Sphaeroterma.)-
 HUNGARICA, A.S.,Atlas 179f9-12; Det.S.p.1347;
 HUNGARICA, Pant.3p. **2.**-11f179; Det.Syll.p.1347;
 HYALINA, Synp.Okrzemki Okolik Poznania, 1860p.540-1f6; Det.S.p.1337;
 HYALINULA, Castr.1887p.94-2If1; Det.S.p.1336;
 HYPERBOREA, Grun.-Cl. & M.No.236; V.H.S.pl.3513,4; Atlas 131f54;
 (M.arctica; -M.nummuloides, v.)

+ lineata, Conf. lin. Dill. -

- INTERJECTA, Jan.-Atlas I76fI-3; DeT.Syll.p.I342: (Orthosira)
 IRREGULARIS, Pant.2p.73-27f394; DeT.S.p.I343: (Valve coriacea.)---
 ITALICA, K.B.p.55-2f3; K.S.A.p.29; Prit.p.8I3-IIIf29; I5f33;
 Carp. I33I, 353, f159; Nylander, w.: Atlas I3If5; (Gail. crenata, Crotonensis & I.: -M. coarctata.)---
 " var. "b" crenulata, K.B.p.55-2f3; K.S.A.p.30; Nylander, w.:
 (Gail. & M. cren.: -M. orichalcea.)
 " var. "p" Binderiana, K.B.p.55-2fI; K.S.A.p.30; Prit.p.3I3: -(Mel.B.)---
 " v. orichalcea, Mertens.-Nylander, w., Fenniae.-(Gail. & M. orich.)
 JAPONICA, Pant.3p. -4f3; 3fI37; DeT.S.p.I347;
 JURGENSII, Ap.Syst.p.9; K.B.p.54-2fI5; K.S.A.p.29; R.E.D.p.13-2f7; R.
 D.Ex.No.40; Prit.p.8I7-5f3; R.E.D.p.40; Italy; M.T.P.3-3-I3; Eiben,
 I37I; Cappel. p.2: Sm.Sp.T.225; Camf.p.49; V.H.S.p.I99-33fI-3; T.No.
 460; Perag.p.77; Villef.p.79; Cl.I39Ip.33; Atlas I32fI5, I6, 27-3I;
 (Conferva & Gail. lineata; -Lysigonium; -M. subflexilis.)-
 " v. subangularis, Grun.-V.H.S.pl.33f9; T.No.444 sub4(Lysig.Jurg., v.)
 " var., H.V.H.S.pl.33fI-4: (Lysig.Jurg., v.)-
 JUTLANDICA, Grun.-(In V.H.S.: -Est Omphalotheca.)--
 KINKERI, Pant.3p. -4f532;
 KOCHII, Pant.3p. -20f292; DeT.S.p.I343: (M.sol.)---
 LABUENSIS, Cleve Vega p.502-33f34; DeT.S.p.I336;
 LACUSTRIS, H.H.Chase.-Lake Michigan list; DeT.S.p.I343;
 LAVIS, Ralfs.-Prit.p.3I3; R.E.D.p.44; E., Abb.33f.I370 p.1.2-If75; V.H.
 S.pl.33fI9; Woll. pl.57fI3; Pant.2p.73: (Gail.: -M. crenulata, v.)--
 Pant.3p. -7fII7; Herib.p.I37; DeT.Syll.p.I343;
 LAEVISSIMA, Grun.-V.H.S.pl.33f24; Atlas I32fI0-I2: (M. distans, v.)-
 LAMINARIS, Ralfs.-Prit.p.32I; DeT.S.p.I343: (Gail.)--
 LENTIGERA, Harvey Man. p.196; K.B.p.56: -(Lysig. moniliformis; -Rosaria.)--
 LINEATA, Ap.Syst.p.3; Hook.Brit.Fl.p.402; K.B.p.53-2fI3; 3fI; K.S.A.
 p.23; Kickx, J.: Prit.p.8I7; Hedw.Vol.Ip.I03-I3f4; Carr.p.92; R.E.D.p.
 39; Sm.Sp.T.226; A.J.M.I373p.I34; -(Conferva; -Fragilaria; -Gaillonella
 -Lysig. monil. & I.: -M. Borreri; -M. & Rosaria lentigera.)----
 LINEOLATA, Grun.-V.H.S.pl.33fI, 2; Herib.p.I33: (M. crenulata, v.)----
 LOCZYII, Pant.2p.73-5f92; DeT.S.p.I343;
 LYRATA, K.B.p.56; K.S.A.p.3I; Prit.p.32I; V.H.S.pl.37fI, 2; Grun.I334
 p.49-5f3; Cl.I39Ip.33; Grun.p.I33; Atlas I3If59-74; DeT.S.p.I332;
 (Gail.: -M. crenulata, v.)-
 " var., Cleve, Atlas I3If79;
 " v. biseriala, Grun.-V.H.S.pl.37f3; DeT.S.p.I334;
 " v. lacustris, Grun.-V.H.S.pl.37f3; Herib.p.I33; DeT.S.p.I334;
 " v. " formae tenuiores, Grun., V.H.S.pl.37f4, 5; DeT.S.p.I334;
 MACULATA, .-Lap. I375; 9fI; Grun. Cap. p.72, (Fragilaria.)
 MAJOR, Grove.-Atlas I77fI, 2; DeT.S.p.I346;
 MADAGASCARENSIS, A.S., Atlas I3If79;
 MARCHICA, E.-Ralfs, Prit.p.320; Italy: DeT.Syll.p.I343;
 (M. & Gail. procera & m.)-
 MARINA, W.S.-Jan.Gu.p.26-Ia, f3, 4; Jan. & R.p.9-4f2; Flogel, Baltic;
 Forch. Cey.p.72; Malaisie; Atlas I75f4, 43; (M. silcata; -Orthosira.)--

> nummularia

" var., Cl. 1897 p. 24; Cl. 1896 (3) No. 5, f. 16:

| nummuloides,

" var. hyperborea, Oestrup 1897 p. 346:

MEDITERRANEA, Grun.-V.H.S.pl.91f3,5; Cl.Nares; Atlas 130f33,39;
(Skeletonema.)

* var., Cleve Nares p. :

MENILITICA, Pant.2p.73-7f126; DeT.S.p.1344: (Coscinod. subtilis, Neap.)

MESODON, Ralfs in Prit.p.321; DeT.S.p.1343: (Gail.)

MINUTULA, Chauvin.-Breb.Cons.p.10; Alg.Fal.p.42, pl.5; K.B.p.56; K.S.

A.p.32; DeT.S.p.1343: (Gloeotila ferruginea.)--

MIRABILIS, Brun.-Atlas 177f43,44; DeT.Syll.p.1346;

MONILIFORMIS, Ag.Syst.p.3; Cons.p.64: Linnaea 1333p.64:- K.Syn.

1.59-5f71; K.B.p.53-3f2; K.S.A.p.23; Miller, Lichtenburg, etc., Vol.4,

1.76-2f1; Vicks, J.: Prit.p.317-5f71; Breb.D.C.; Carr.p.92; M.Vern.

p.3; Grun.1363p.23; R.Alg.E.No.1062 sub; R.E.D.p.33; Italy; Eiben,

1371: O.M.Kerg.; Atlas 132f32; (Conferva inflexa, m. & numuloid.; -

Gail., Lysig. & M. lineata; -Gail.; -Lysig.; -M. Borreri & numuloides.)----

* var."b" major, K.Syn.p.59; Linnaea 1333p.69: > uq. Cons.p.65

MONTAGNEI, .-Lagr.1376p.9: (Podosira.)-

NAGELI, Ralfs.-Ray Soc.Proc.1346p.219; Prit.p.322-15f23,23:-(Gail.)----

DeT.Syll.p.1343;

NEOGENA, Pant.3p. -41f559:

NIVALIS, W.S.-A.M.N.H.1355p.259; S.B.D.2p.53-53f333; Braemar; Italy;

Prit.p.313; Carr.p.92; Schim.4.1.p.31; Arenig Bach; Nylander, W.: R.

E.D.p.41; Oestrup 1897p.346: Herib.p.135: Atlas 132f3;

(Coscinodiscus minor; -M. distans, v.)----

NOBILIS, Grev.-Tr.Bot.Soc.Edinb.Vol.3p.233-3f3; DeT.S.p.1333:

NORMANNI, Arnott MSS.; V.H.S.pl.90f7: (M. undulata, v.)--

NUMULOIDES, Ag.Syst.p.3; Cons.p.65; Hook.Brit.Fl.p.401; Linnaea 1333

1.69; K.Syn.1.60-5f72; K.B.p.52-3f3; K.S.A.p.27; A.M.N.1.1343p.343-

9f1; S.B.D.2p.54-49f329; Italy; Prit.p.315-5f64; Hff14; Carr.p.92; R.

E.D.p.37; N. & R.S.p.71; Roper, Thames; Hall; H.C.pl.1316; Eul.Sp.1.53;

Grun.1363p.27; 1334p.43-5f41; E., Abh.Ber.1370p.12-1f37; Dittel, 1370p.

23-2f17a-c; Eiben, 1371; Flogel, Baltic; Reinhard; Lagr.1376p.10; Cl.

1373p.7; 1391p.66; Cl. & M.55; M.T.P.3-6-9: Sm.Sp.T.227; Malaisie; V.

H.S.p.193-85f1,2: T.No.457; Wollé pl.57f1; Shark River; A.M.M.J.1391

pl.1f22; Atlas 131f92; 132f1,2; < 32, 40, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

(Conferva inflexa & n.; -Conferva, Gail. & M. moniliformis; -Gail.:-

Gail.: -Lysig.; -M. Arctica, Borreri, discigera, salina.)

* v. elesuiana, Pant.1p.46-23f209; 2,p.73: Notar.1333p.536:

(--Var. Biharensis ?)----

* var."b" pedunculata, Carr.p.92: (M. salina, K.)--

* v. hyperborea, Grun.-Cl. Vega 1.459; Nares 1.313; (M. arctica & h.)----

OAMARUENSIS, Grove & Sturt.-J.Q.C.1337p.145-13f43,49; Notar.1333p.

469; Atlas 175f1-4; 179f7: DeT.S.p.1341;

OCEANICA, E.-Fortm.Cey.p.72; Malaisie; (Endietya; -Orthosira.)--

OCHRACEA, .-Ralfs, A.M.N.H.1343p.351; Hass.Alg.p.400; Prit.p.321:

(Conferva; -Gail. ferruginea; -Oscillatoria ochrea.)

OCTAGONA, A.S., Atlas 132f19-21;

OCULUS, E.-Abh.Ber.1344p.202; K.S.A.p.31; Prit.p.319: R.E.D.1.44;

(Gail.: -M. sol.)----

OMIA, Cl.-J.Q.C.1335p.174-13f15; Pant.2p.73; Atlas 179f2; DeT.1.1344:

+ Roeschana, a. el. 1895, 39.

ORBIFERA, Brun.-Atlas I75f25: Det.Syll.p.I346;

ORDINATA, Mertens.-K.B.p.56-3f7(4); (M.azocussata,v.)----

ORICHALCEA, Mertens.-K.-Linnea I833p.7I; K.Alg.Dule.No.3: K.Syn.p.60-5f68; K.B.p.54-2fI4; K.S.A.p.29; A.M.N.H.I843p.35I-9f6; Hass.Alg.p.399-93f6,7: R.S.D.p.I3-2f2; Marissal; Prit.p.3I8-5f65; Neupauer p.-3f68; Schum.H.T.p.3I: Bleisch,I863; New Zealand; Arenig Bach; R.E.D.p.4I,f8; Italy; Eiben,I87I; Pet.liste p.26: Brun Alp.p.I37-I9; 9f24; Sm.Sp.T.228; A.J.M.I873p.I84; Delogne; Lagr.I884p.33; wolle pl.58fI7,I8; Herib.p.I39; Atlas I8If53,54,84; Det.Syll.p.I342; (Conferva; -Gail.coarctata & S.: -Lysichorium; -Orthosira; -M.Italica,v., & crenulata & Thompsoni.)-

* v.crenulata,K.-Br.Alp.p.I37-I9h; (Aulacosira; -M.Italica,var.)--

ORNATA, Grun.-V.H.S.pl.9IfI9-2I: Cl.Vega p.490: Pant.2,1.73:

Grun.I884p.43-5f39,40; (Paralia?)

* var., A.S.,Atlas I75fI8-20:

PENSACOLAE, A.S.,Atlas I8If73-78:

PERAGALLOI, Pant.3p. -36f505; Det.S.p.I348;

PERAFFIANA, Reinsh Alg.Franken p.II-If2; Dew.S.p.I34I;

PILEATA,E.-K.S.A.p.3I; Prit.p.3I8; R.E.D.p.44;

Det.Syll.p.I345: (Gail.)-

PLANA, K.S.A.p.3I; Prit.p.32I; Det.S.p.I345; -(Gail.)---

POLARIS, Grun.I884p.43-5f53; Atlas I79f3; Det.S.p.I34I: -(M.sol,v.)

PONTIFICALLIS, Brun.-Atlas I83fI:

PRAECLARA, A.S.,Atlas I79f4,5; Det.S.p.I347;

PUNCTATA, Grun.-Cl.& M.No.220; M.T.P.3-8-IO: Nylander,W.:

Dannf.p.47; Atlas I8If59: (Orthosira.)

PUNCTIGERA, Ralfs, Prit.p.3I9: (Gail.)

RADIATA, Grun.I863p.27; M.T.P.3-8-8: (Cyclotella; -M.sol.)-

RECEDENS, A.S.,Atlas I77f62-64; I76f54; Det.S.p.I346;

RHOMBOIDES, Pant.3p.2.-4If563;

ROESEANA, Rabh.S.D.p.I8-IOf5; R.Alg.E.Nos.535,564 sub; Prit.p.3I3-5f67; R.E.D.p.42; Sm.Sp.T.229; Italy; Petit & Lema.; V.I.S.p.I99-39fI-6; T.465; Cl.I89Ip.66; Malaisie; Herib.p.I35: Atlas I76f7-I4; I82f36-33; Det.Syll.p.I337; -(Gail.laevis; -M.& Orthosira spinosa.)

* var., A.S.,Atlas I82f9;

* v.dendroteres, E.-V.H.S.pl.89fI2,I3: T.466: Det.S.p.I337:

(Liparogyra; -Orth.mirabilis.)-

* v., forma elongata, E.-Grun.,V.H.S.pl.89f9:

* v., " porocyclia, Grun.-V.H.S.pl.89fII:

* v., " spiralis, Grun.-V.H.S.pl.89fIO:

* v.epiduron,E.-V.H.S.pl.89fI7,I8; T.467: Det.S.p.I338:

(Orthosira; -Stephanosira; -Porocyclia dendrophila.)-

* v. " forma porocyclia, Grun.-V.H.S.pl.89fI9,20:

* v.hamauryas, E.-Grun.,V.H.S.pl.89fI4-I6: Det.S.p.I337:

(Liparogyra circularis; -Stephanosira h.)---

* v.spiralis,E.-Grun.,V.H.S.pl.89f7,8: (Liparogyra s.)---

SALINA, K.B.p.52-3I4(I-4); K.S.A.p.27; R.S.D.p.I3-2fI; Westworp,O.I.No.793: Desmaz.I,No.I06: Breb.B.C.: Prit.p.3I7; Roper,Harvey; R.E.D.p.33; R.Bac.Exs.No.I6; R.Alg.E.I65: Eiben,I87I: Det.S.p.I346; (Gail. & M.nummuloides; -Sphaerophora globifera.)

+ exhibits R. - Camp. 1841 p. 523 f 3702:

- ' var. "b" concatenata, K.B.p.52-3f5(2,3): 2If5b; K.S.A.p.27; Prit.1.317: (M.nummuloides, v.: -Mel.con.; -Rosaria globifera.)---
 SAMOENSIS, A.S., Atlas I77f20; Det.Syll.p.1347;
 SARATOVIANA, Pant.2f.73-27f333; (M.ornata, v.: -Paralia.)
 SARMATICA, Pant.2f.73-11f133; Det.S.p.1344;
 SATURNALIS, Br.-Atlas I77f24,25: Det.Syll.p.1347;
 SCALA, ~~E.~~ -Rafle, Prit.p.321; V.H.S.pl.33f34,35; Pant.3f.2.---113;
 (Gaillonella; -M.distans, v.)--
 SCALARIS, Grun.-V.H.S. (M.distans)
 SCULPTA, K.S.A.p.31; Prit.1.319; E., Abh.B.1370pl.2-11f71; Sm.Sp.1.232;
 A.J.M.1373p.134; V.H.S.pl.9If13,14; Wille pls.57f34,35; 53f13,14;
 Malaisie; Atlas I77f30,31; Det.S.p.1342; (Gail.: -Orthosira.)-----
 SELECTA, A.S., Atlas I77f40-42; I75f16; Det.S.p.1346;
 SETOSA, Grev.-Trans.Bot.Soc.Ed.Vol.3p.433-3f17-19; Sm.Sp.1.379; Cl.2
 M.I75; V.H.S.pl.36f10-16; Atlas I32f42-46: (Lysigonium.)---
 SIBIRICA, A.S., Atlas I77f12-22; Det.S.p.1347: (M.silcata, v.)--
 SOL, ~~K.~~ K.S.A.p.31; Prit.1.319; R.E.D.1.44; V.H.S.pl.9If7-9; T.No.473;
 Grun.1334p.45; J.R.C.1337f.33; Witt I333p.17-4f13; Brun. & T.1.72;
 Wille pl.53f1,2; Pant.2,1.73; Atlas I73f57; I79f21; Det.S.p.1341;
 (Cyclot. & M.radiata; -Orthosira; -M.Kochii & polaris; -Gail. & M.ornata; -
 Gaillonella.)-
 ' var., Castr.1337p.93-10f3; I7f3; 2If7;
 SOLIDA, Eilenstein MSS.: V.H.S.pl.33f33-39; Atlas I39f50,51; I31f42;
 Det.Syll.p.1333;
 ' v. Haitiensis, Grun.-V.H.S.pl.36f40-42; Det.S.p.1333;
 SPINOSA, Brun. Alp.p.133-1f5; Arenig Bach; Det.S.p.1343: -(Orthosira)---
 SPINOSA, Pant.3f.2.---23f413; Det.Syll.p.1343;
 SPIRALIS, K.S.A.p.31; Prit.p.320; V.H.S.pl.37f19-22; Wille pl.
 57f26,27,29: (Gail.: -M.granulata, v.)
 STRIATA, Perag. & H.-Herib.p.190-5f11;
 SUBLEXILIS, K., Linnea I333p.70; Syn.p.50-5f70; V.H.S.pl.33-21f3; K.S.A.
 p.28; K.Alp.No.27; R.S.D.p.13-213; S.R.D.2f.57-51f331; R.D.ex.No.41;
 Prit.p.317; Herib.p.23; R.E.D.p.39; New Zealand; Mill: Cl.1333p.213;
 O'M.I.D.p.247-26f2; Pet.liste p.26; Sm.Sp.1.232; Amazon; O'M.Kerg.;
 Carp.1331p.347, f177; Italy; Lagr.1334p.44; Atlas I32f17,18;
 (Conferva & M.lineata; -Lysig.s. & Jurgensii & moniliforme; -M.varians.)---
 SUBORNATA, A.S., Atlas I73f50-57; Det.Syll.p.1346;
 SULCATA, ~~K.~~ K.B.p.55-2f7; K.S.A.p.30; Breb.D.C.: Prit.1.319-9f11; 11f23;
 Italy; Roper, Thames; Grun.1333p.23; Jan.Gu.p.26-1a,f22; R.E.D.p.42;
 E., Abh.B.1370pl.2-1f72; Eichen, 1371; Cl. & M.57; Danf.1.19; Pet.Cat.
 p.40; Fortm.Cey.1.72; Sm.Sp.1.233; M.1.P.3-6-7; Shark River; V.H.S.
 p.201-9f13; T.No.470; Cl.Nares p. : Vega 11.439,502; f177.1.77;
 Viller.1.79; Atlantic City; Malaisie; Witt I333p.19-4f14,20; Wille
 pl.53f12-15; Atlas I73f1-5,7-24; I33f10;
 (Discosira; -Gail.: -Paralia marina & s.: -M.marina; -Orth.marina & s.)---
 ' v. biseriata, Grun.-V.H.S.pl.9If123,24; Cl.Vega p.469; Malaisie;
 Villef.p.79;

- * v. coronata, E.-V.H.S. pl. 9 If I7; I3; ^{forma minor.} Malaisie; Villef. p. 79: (Mel. cor.)
 * v. crenulata, forma Barbadiensis, A.S., Atlas I77f30-39;
 * v. " Sibirica, A.S., Atlas I77f23-29;
 * v. lucida, Brun & Temp. p. 72;
 * v. separanda, A.S., Atlas I73f25-33, 35, 36;
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" var. "b" S.B.D. 2p. 7-32f273b; Grun. 1332p. 345; R.E.D. 1. 295:

" var. "g" elongatum, S.B.D. 2p. 7-30f273g; Grun. 1332p. 345; R.E.D. 1. 295:

" v. Grunowii, Kirchner Alg. Schliesens 1. 205; Det. Syll. 1. 343:

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INTERMEDIUM, H.L.Sm. Sp. 1. 238; A.O.M. *vol. 1* 1. 12-3f2; Grun. 1379p. 29; A. J.M. 1373p. 134; Wille 1. 37f26, 29, 30; Det. S. p. 343:--

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RADIANS, Ag. Syst. 1. 3: (Echinella flabellatum:--

Gomphonema (& Lichophora) argentea & flabellatum:--Lichophora.)---

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" var. "b" Agglutinatum, Ag. Cons. p. 39:

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(M. circulare, v.)---

MESASTERIAS.---(Ehr., 1872.)~

ABYSSII, E., Abh. Ber. 1372p. 52-9f7; (Asterolampra Rogeriana.)----

MESOCAENA.----- (Ehr., 1840.)~

-, Det. Syll. p. 1423:

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- INTRICATUM, K.B.p.II6-26f5; K.S.A.p.I05; Prit.p.933; Carr.p.II3:
(Berkeley; -Schizonema intricatum, & int.)---
- INVESTIENS, Montagne.-Ralfs, Prit.p.933: (Schiz.)
- KUTZINGII, .-Ralfs, Prit.p.933: (Schiz.)
- LACINIATUM, Harvey.-Ralfs, Prit.p.933; Carr.p.II3:-(Schiz.)
- LINEATUM, K.B.p.II6-26f4; Desmaz.I, No.II4; K.S.A.p.I06:
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- MEDUSINUM, K.B.p.II6-26f6; K.S.A.p.I03; Prit.p.932: (Schiz.)-
- MENECHINI, Ralfs, Prit.p.932: "
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- PLUMOSUM, K.-Ralfs, Prit.p.933: (Berk. Prit.p.933, v.; -Schiz.)
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- SELAECUM, K.B.p.II7-25f2, c; K.S.A.p.I07; Prit.p.931:
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- " var."b" corymbosum, K.S.A.p.I07:
- " var."g" torquatum, K.S.A.p.I07:-(M.tor.)----
- SIROSPERMUM, K.S.A.p.I09; Prit.p.931; Carr.p.II5: (Schiz.)-
- SMITHII, Ag.-Ralfs, Prit.p.930; Carr.p.II5: "
- SPINESCENS, K.B.p.II6-27fII; K.S.A.p.I03; Westendorp, G.:
Prit.p.934: (Schiz.)-
- SPLENDENS, Meneg. In litt.; - (Schiz. Smithii)
- STALIANUM, Men.-K.S.A.p.I06; Prit.p.932: (Berk.; -Schiz.)-
- TENELLUM, K.B.p.II7-24f7; K.S.A.p.I07; Prit.p.932: (Schiz.)-
- TORQUATUM, Harvey.-Prit.p.930; Carr.p.II5:
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> albam, Cleve var. 2p. 55 + pt. 1 pl. 4 f 89:

> Algidæ, Gn. - 1884 p. 4 - 1 f 31: Cl. var. 2p. 40: (it. glacialis, f. 1)

- H.T.P.3-4-II; Vinnova; T.B.C.I337p.70-33f4; V.4.7.No.I33; 150f6all,
Marb.; Spamer,Duren; Belloe,Liehon; Petal.p.30; Wollf p.1141,3;
Stroose Kleiken p.10-11f2; Herib.p.114;
(N.firma,v.; -N.iriatis,v.; -N.liber,v.; -N.ceratoscuta, amphilepta &
ampliata; -Neidium.)
" var., H.V.1.S.pl.13f4;
" v.amphyrhynchus, Grm.I330p.541-513; R.E.D.p.193; Brm.Alp.p.72-
7f20; -(Nav.a.; -Neidium aff.,var.a.,forma major.)
" v.firma, Rabh.E.D.p.193; Alp.Eur.I43f sub; -(Nav.f.; -Neidium a.var.f.)
" v.producta, Rabh.E.D.p.197; Br.Alp.p.72-7f22; (Nav.f.)--
" v.tropica, Dickie & Grm.-Amazon;
" v.unulata, Grm.I330p.541-5f3; Petit Cat.p.20; V.4.S.pl.13f3;
Herib.p.115; (Neidium a.var.una.)
AFFIRMATA, Fortm.Cey.p.24-2f22; Del.Syll.p.133; -(Mastoglyria)
AFRICANA, E.-Abh.Ber.I333p.130; Mik.pl.21f27a,b; (Grammatophora.)--
AFRICANA, Petit Table Bai p.7,11; Del.S.p.37;
AGALUS, E.-Abh. .134p.13; V.4.p.192; V.5.p.13; .13.11.
I5(A),f31:p.77; (Plenostira.)--
AGATA, E.-A. .130p.31; Mik.13.2-30f3; 2-30f3;
(Amphicampa; -Amphicampa.)---
ALBIGENSIS, Grm.I334p.51-1f29; Del.S.p.139; -(N.maculosa.)
ALGERIENSIS, Montagne fl.Alger.p.190; Syll.p.470; V.S.A.p.73; Prit.
p.909; R.E.D.p.136; Del.S.p.124;
ALLAMANTANA, Grm.-Fell. .109; D.E.D.p.134; Del.S.p.127; (Pinn.)--
ALPESTRIS, Grm.I330p.545-3f4; R.E.D.p.131; V.4.S.pl.12f30; Petit,
I333; Del.S.p.152; (Caloneis; -N.firma.)
" v.Tatrica, Gutw.Galicyi p.20-1f17; Cl.Nav.p.53; Del.S.p.152;
ALPHA, Cl.-LeD.No.I3p.13-1f4; Nav.2p.44;
ALPINA, W.S.-Ralfs,Prit.p.906; Grm.I330p.522; Donk.3.2.p.27-4f6;
Arenig Bach; OPM.I.D.p.342-30f4; Sm.Sp.7.No.242; Atlas 45f1-4;
Del.Syll.p.16; (Pinn.a,7p.)--
ALTERNANS, Schum.I337p.57; H.T.pp.46,72-3f46; Atlas 42f22,23;
(Scolioleura.)---
" var."b"minor, Schum.I337p.57; H.T.73
AMBIGUA, E.-Amer.p. .p.1.2-2f9; Mik.pls.3-4f14; I5(B)f15; I5(A)f41;
Nord.p. .-2f34; K.B.p.95-23f66; K.S.A.p.76; R.S.D.p.40-3f59; R.C.Ex.
34; R.E.D.p.192; Westermarck, .; . . . . .
902; Grm.I330p.539-2f23; 1111; Grm.I330p.53-3f14; H.1330,1331;
Nylander, .; . . . . .
3f5; Pedicino p.10-2f3-3; Prollius p.60; Delone; OPM.I.D.p.350-3f1
10; Br.Alp.p.67-7f23; M.T.P.3-4-23; M.M.J.I373p.33; Sm.Sp.7.243; V.
H.S.p.100-12f5; T.No.121; Ebert,Cassel; Gallia,Pagan; Lake Michigan;
Spamer,Duren; Hoffmann,Marb.; Pet.liste p.20; Trian I335p.37-1f23; J.
L.S.I334p.243; Petal.p.30; Belloe,Liehon; . . . . .
(Pinn.; -Vanheureka.)--- atlas 21f42-44
" var.craticularis, H.V.H.S.p.100-13f3; T.No.111; . . . . .
Del.S.p.137; (Sirella c.)--

orientalis, Grun. - Cl. var. 2 p. 36-1 f 31:

" var. N. degenerens, Cl. var. 2 p. 36.

+ aminophila, Cl. var. 2 p. 29:

" N. degenerens, Cl. var. 2 p. 30:

" N. flavatica, Gr. - Cl. var. 2 p. 30:-

(N. flav.:- N. cancell. v. s. degenerens.)

- amphibia, Cl. var. 2 p. 45:-

N. gastrum v. styriaca: N. styriaca, Pt.] -

amphibia, E. Bgg. Ann. 1889:

AMERICANA, E., Amer. p. 129; Mik. pls. 2-2f16; 4-2f3; K.B.p. 100; K.S.A.p. 32; R.S.D.p. 40; Prit. p. 392; Sci. G. 1363p. 132f127; R.E.D.p. 22; O.B.I. D.p. 351-30f50; Amazon; V.H.S.p. 105-12f37; Kinnora; Malaisia; wolle pl. 10f51; V.H.T.No. 133; Cl. 1391f. 5; Nav. p. 133; Herib. p. 115; Det. Syll. p. 174; (Pinnularia.)

" forma minor, H. & Perag. - Herib. p. 115-4f12: - (N. Americana.) --

" v. caudata, H. & Perag. - Herib. p. 115-4f12: (N. Americana.)

AMICA, Cl. - N.L.K.D. p. 12-3f37; Det. S.p. 174: (Caloneis.)

+ AMPHILA, Gr. - 1331f. 13-30f50-70; Pet. 2f. 31: - (N. americana, v. caudata)

" v. caudata, Gr. - 1331f. 13-30f50-70; Pet. 2f. 31: (N. americana, v. caudata)

" v. intermedia, Gr. - 1331f. 13-30f50-70; Pet. 2f. 31-11f100: (N. americana, v. intermedia)

+ AMPHIBOLA, Cl. 1391f. 33: - (N. gastrum, v. Styriaca; N. punctata, v. as, metricala) +

AMPHICEPHALA, E. - Det. Syll. p. 133: (Pinn.) --

AMPHICEROS, K.B.p. 95-3f39; K.S.A.p. 75; Prit. p. 901; R.E.D.p. 193; Atlas 47f25, 26; Cl. Vega p. 491; Dannf. p. 25; Bellec, Lichon; Spamer, Duren; Det. Syll. p. 190; Perag. p. 60: (N. elongata, v. caudata, v. - pinn.) --

" v. parva, Dickie & Gr. - Amazon:

AMPHIGOMPHUS, E. - Amer. p. 129, pl. 3-1f3; Mik. pls. 2-2f11; 2-3f8a, b, 9; 3-1f3; 3-2f5; 4-1f5; 4-3f5; 5-3f15; 5-1f12; 7-3a, 11f, 12; 9-1f12; 13-2f10; 14f24; 15-A, f39; 17-1f6; 7-1f9; K.B.p. 93-23f40; K.S.A.p. 73; R.S.D.p. 33-3f47; Prit. p. 903; Schum. 4.7. pp. 47, 75; Gr. p. 103; Mull; R.E.D.p. 173; O.B.I. D.p. 337-3f127; Sp. S. 4. 211; Atlas 49f27-29; V.H.S. p. 172-7f13; Kinnora; Bellec, Lichon; Perag. p. 57; wolle pls. 13f10; 19f5; Hoffmann, Marb.; Herib. p. 113: > Mik. pl. 3-4f12: > No. 7-1f9: (Neidium: - Nav. iridis, var., & firma: > Nav. bicornuta, Gr. -)

" var. "b" striata, K.B.p. 93-23f41; K.S.A.p. 73; Atlas 49f31: (Pinn.)

AMPHILEPTA, E. - Abh. Ber. 1357p. 555; Prit. p. 911; Det. S.p. 192: - (N. affinis.)

AMPHIOXYS, E. - Amer. p. 129, pl. 1-1f5; 1-2f15; 2-1f5a; 2-3f15; 3-1f5; 3-3f4; 3-4f7; 5-3f10; 7-1f13; 13-1f9a, b; 13-2f14; 14f27; 15-A, f13, 19; 15-B, f9; 17-2f13; 33-10f9; 35A-14f2; 37-3f5, 6; westendorp, G. No. 797; K.B.p. 91-23f37; K.S.A.p. 69; R.S.D.p. 33-3f33; Prit. p. 904; Weisse 1330 p. 33-3f3; 1331f. 33-4f23; Schum. 4.7. p. 39; 1331f. 13-3f11; 1364f. 20-2f21; R.E.D.p. 174; Nylander, w.: Proclins p. 33; Pet. liste p. 19; Kinnora; Callia, Pagan; Hoffmann, Marb.; wolle pl. 13f11, 12; 1. M. pl. 39-3f30; Spamer, Duren; 37-3-3f6: - (Cymbella; - tantzschia; - Pinn.) -

AMPHIRONA, E. - K.B.p. 100; K.S.A.p. 31: (Pinn.)

AMPHIRRHINA, E. - Ralfs, Prit. p. 901; Det. S.p. 191: (Pinn.) --

AMPHIRRHINCHUS, E. - Amer. p. pl. 3-1f10; K.B.p. 95-4f13; 2f11; 23f47; K.S.A.p. 76; R.S.D.p. 40-3f50; S.B.D. p. 51-13f142; Prit. p. 901-12f5; R.E.D.p. 190; Weisse 1330p. 39, 21-3f15; 1331f. 33-4f23; Pagan, Thames; M.D. pl. 4f19-24; Mull; Donk. B.D. p. 34-5f9; Amazon; Nylander, w. Dittel p. 3; Gr. 1373f. 39; 1376f. 29; Proclins p. 30; wolle, Cassel; & Z. p. 16-1f13; M.T.P. 3-4-12; Kinnora; Atlas 49f27-29; V.H.S. pl. 13f5; Bellec, Lichon; T.B.C. 1337p. 39-36f1; Hoffmann, Marburg; Spamer, Duren; wolle pls. 14f3, 4; 19f13; Perag. p. 60; Herib. p. 115: (Neidium: - Pinn.; - N. affinis, v., & iridis, v.: - N. amphispheenia, firma, 13 punctata.) --

" v. major, Herib. p. 115:

AMPHISBAENA, Bory, Encyclop. Meth. 1324; Turpin, Diet. class. pl. 1-2f2, 9; E.

manuscript 5-1818:

+ anglica, Cl. 1895 p. 113: ~~Cl. 1895 p. 113~~: (Cl. 1895 p. 113: anglica.)

? "var. minuta, Cl. Stav. 2p. 22:

? "var. subulsa, Gn. Cl. 1895 p. 22.

(1) (1) L.V. - BIL. Kadm. P. ---

+ anthracis, Cl. Nav. 2 p. 19:

apiculata, fr. minima, astat. 4 of 8:

apis, K. Pet. Cap. Nov.

appendiculata, A. Schulz, 1852 p. 89-74.

+ apiculata, Cl. Nav. 2 p. 62: - K. Hen. v. Kieckhefer -
"V. Couperi, G. L. - Cl. Nav. 2 p. 63: - (Pinn. C. p. 65 -
"V. Kottuniana, A. S. - Cl. Nav. 2 p. 64: - (Pinn. C. p. 65 -

V. stauroneiformis, A.S., Atlas 2f20, 21; Det. S.P. 99: -76. *Stauroneis* sp.

areschougiana Griseb. Fl. Alp. 524-1/23

- AQUITANIAE, H. & Per. - Herib. p. 81-2f4; *Cl. Nav. 2 p. 37.*
- ARABICA, Grun. - Atlas 3f13, 14; Det. Syll. p. 126; *Cl. Nav. 2 p. 49.*
- ARADINA, Pant. 3p. 2. - 30f17; - (*N. lanceolata*, v.) -
- ARABICA, H. & Per. - Atlas 3f13, 14; Det. Syll. p. 126; *Cl. Nav. 2 p. 49.*
- ARABICA, O.M.I.D. - O.M.I.D. S. 1374p. 250-319; I.B. p. 593-594; Det. S. p. 74; (N. Donkii, A.S.) -
- ARABICA, Pant. 3p. 2. - 23f342;
- ARCTICA, Cl. 1373p. 16-3f13; Vega p. 473; M.J. 1374p. 253-3f1; Cl. & M. 57; Det. S. p. 101; *Cl. Nav. 2 p. 49.*
- (Amphora stauroptera; -A'prora. lepidoptera & obtusa.) -
- ARCUATA, Pant. 3p. - 6f97;
- ARCUS, E. - Beitr. 1334p. 120; Inf. p. 132-2f10; Mik. pl. 4-1f22; (Ceratonis; -Eunotia; -Synedra gibba.) --
- ARENARIA, Donk. - M.J. 1361p. 10-1f3, 9; Donk. B. D. p. 56-3f5; Breb. D. C.; R. E. D. p. 177; O.M.I.D. p. 411-34f17; Atlas 47f33-41; Sm. Sp. T. 250; Malaisie Lager. 1376p. 34; Dannf. p. 27; Fortm. Cey. p. 23; Villef. p. 46; Pant. 2p. 42; (N. lanceolata, v.) --
- u. var. V.H.S. Kl. 8 f 18.*
- ARENARIA, Pant. 2p. 42-3f140; Det. S. p. 101; *Cl. Nav. 2 p. 49.*
- ARENICOLA, Grun. 1362p. 149-30f56, 77; Pant. 2p. 42-20f58;
- Det. Syll. p. 54; *Cl. Nav. 2 p. 21.* (A'prora., breb.)
- ARENICOLA, Grun. 1360p. 521-1f23; Cl. 1363p. 225; R. E. D. p. 207; Det. S. p. 34;
- ARRANIENSIS, O.M.I.D. p. 395-33f12; (Diploneis nitescens.) ---
- ARVERNA, H. & Per. - Herib. p. 105-4f19; *Cl. Nav. 2 p. 49.*
- ASPERA, E. - Mik. pl. 1374-20f6; Fortm. Cey. p. 23; Atlas 43f2-6; Deby Polar p. 17; Cl. & M. 100; Cl. 1373p. 3; Vega p. 497, 505, 510; V.H.S. p. 94; T.D.C. 1367p. 70-53f5; Villef. p. 75; Golla pl. 20f4; Malaisie; Det. S. p. 100; (Trachyn. a., & var. pulchella; -Pinn.: -Staurois (Stauroptera) acanthus, a., & pulchella.) ---
- var., Cl. & M. No. 26;
- v. Hungarica, Pant. 2p. 42-10f130; Det. S. p. 110; (Trachyn. a., v. hungarica.)
- v. intermedia, *Grun.*, Atlas 43f14, 15; Grun. 1364p. 36-1f20; O.M.I.D. 1365p. 166; Det. S. p. 110; (Var. Kitt., p. p.: -Trachyn. a., var.)
- v. Kittoniana, -DeToni, Syll. p. 110;
- ASPERULA, K.S.A. p. 71; Prit. p. 904; Det. S. p. 146; (Pinn.)
- ASYMMETRICA, Cl. Vega p. 468-36f27; Det. S. p. 63; Pant. 3p. 2. - 7f110; Cleve Nav. p. 129; - (*N. truncatus*, pp.) -
- ATOMOIDES, Grun. - V.H.S. p. 107-14f12; Det. S. p. 166; Herib. p. 120; (Nav. minima, var.) --
- v., cum mapis stauroneiformis, V.H.S. pl. 14f11a, 13, 14; - (N. minima, v.) ---
- v. subserians, Grun. - V.H.S. pl. 14f11b;
- ATOMUS, Naeg. - Grun. 1360p. 552-2f6a-f; Schum. 1364p. 21-2f24; 1369p. 33-2f20; H.T. p. 70; V.H.S. p. 107-14f24, 25; T. No. 149; Gallia, Papan; Perag. p. 59; Golla, Ligon; Det. S. p. 166; Herib. p. 120; *Cl. Nav. 2 p. 49.*
- (Amphora; -N. muralis; -N. oculata, v.; -Synedra.) --
- ATTENUATA, K.B. p. 102-4f23; K.S.A. p. 86; Marissal; K. & Z. p. 14-1f4; (Frustulia; -Pleurosigma; -Sigmatella.) --

> australica, 2.5.1

cl. nov. 2p. 611

(N. Couperi, 10.10.11
N. Couperi, var.)

Bahisiensis,

"v. elstiana, (m. cl. nov. 2) p. 4; - [v. minuscula, v.]

* Leptichirus, Petit - r. H. m. :

- BARBADENSIS, E.-Prit.p.911: Del.S.p.133: (Pinn.)
- BARBIOS, A.S., Atlas 129f5: *Cl. Nav. 2p.56:*
- BARKLEYANA, Grun.D.C.p.3-1f9; Breb.D.C.p.22; Prit.p.903; Edw.N.4.11. 3f25; R.E.D.p.201; Malaisie; -(N.palpebralis, v. ~~3~~)---
- BARKERIANA, O'M.-M.J.1375p.410; I.D.p.332-31f13; Del.S.1.147; (N.subsalina.)
- BARTHOLOMEI, Cl.1373p.3-1f5; M.J.1373p.510-44f5; Atlas 130f9: (Caloneis Powellii, v.; -Dictyonis.)
- BASALIAEPHONA, Br. & Per.-121b.p.39-213a, 6; *forma bigibba*, Br. & Per.-Herib.p.39-2f5c; *forma recta*, Br. & Per.-Herib.p.39-2f5d:
- BASILICA, Brun 1391p.32-15f14; Pant.3p7-3f129: (Diploneis b. & gemmata: *Nav. gastrum, v. Len.*)
- BAUMLERI, Pant.1p.32-12f103; 2, 1.42; *Notar. 1333p.470*; Cl. Nav. 1.147; Del.Syll.p.122; *23f347*; v.interrupta, Pant.1p.32-12f103; Cl.Navic.p.134;
- BECCARIANA, Grun.-113a-1303p.133-1f2; *Notar. 1333p.191*; Del.S.1.113: (Caloneis.)-
- BECKII, Pant.2p.42-11f133: Del.S.p.49; *Cl. Nav. 2p.30:*
- BENGALENSIS, Grun.-Atlas 311, 2; Del.S.1.125;
- BETA, Cleve Nav.p.135-5f30;
- BEYRICHIANA, A.S., Atlas 39113, 17; J.L.C.1333p.137; Villier.1.32; Pant. 1p. -3f31; 2, p.42; Malaisie; Del.S.p.30: -(Diplon.gemmata, "b".)-
- BIBLOS, Cl.-LeD.Vol.2p.77-12f9, 10; (Libellus; -Stanonis.)--
- BICAPITATA, Lagr.1373p.23-1f5; O'M.I.D.p.352-30f32; Lake Michigan; V. H.S.p.73-3f14; T.No.37; Cl.1331p.5; Vega p.491; Truan 1335p.40-1f24; 2f7; Herib.p.93; Del.S.p.27: -(*P. inter. & orna biceps*: - (N.dicephala, E.: -N.mesolepta; -Pinn.)---
- v.constricta, O'M.I.D.p.353-30f34;
- v.crucifera, O'M.I.D.p.353-30f33;
- v.hybrida, Grun.-V.H.S.pl.3f9; Herib.p.94; Del.S.p.23: (Pinn.microstauron.)---
- v.major, Dickie & Grun.-Amazon:
- BICEPS, E., Amer.p.130pls.2-3f3; 3-1f13; Mik.pls. 5-3f7; 3-1f21; 10-113a-a: 15(A)f10; 17-11f13; 33-71f15; K.B.p.93-23f11; K.S.7.1.73; R. S.D.p.40-3149; Prit.p.900; R.E.D.p.195; Schum.1334p.21-2133; Prullin 1.31; Atlas 45f31-31, 39; 49f52; *Notar. 1333p.470*; *Notar. 1333p.191*; Harb.; A.J.M.1373p.135; Amazon: Herib.p.94; Del.S.1.32: *Ahar. 1333p.191* (N.breapitata & fulva; -N.phychocephala, v., & *sphaerophora*, v.)-
- BICLAVATA, Cl. & Grun.-LeD.Vol.2p.63-10f7: (Caloneis.)
- BICONSTRICTA, Gr. & St.-J.L.C.1333p.132-10f19; *Notar. 1333p.352*; Del.Syll.p.15: (Caloneis.)----
- BICUNEATA, Grun.1360p.543-1f4; Cl.1333p.227-4f3, 4; R.E.D.p.206; O'M. I.D.p.305-3114; Malaisie: (N.maxima; -N.(Caloneis) libera, v.)-
- v.minor, Grun.1373p.15-4f22; 3f3; Flogel, Baltic; Fortm.Cey.p.24: (Nav.trochus, var.)
- BICUSPIDATA, Cl. & Grun.-N.L.K.D.1.10-2f22; Del.Syll.p.15: *(N. trochus, var.)*
- BICURVATA, O'M.-M.J.1372p.419; Del.Syll.p.157:

ibifessa, A.S. - Atlas 212 f 33, 39;

+ bituminosa, Pt. -

|| var. cincta, Pt. - Cl. Trav. 2p. 67. - (n. cincta.)

|| " valida Pt. 2p. 6. f 89;

+ blanda

|| blanda 21 - f 14

(Pinn 13.) —

Boltonia, var. 49 f 44, 45:

+ Boltonia, Oestrup 1877, 120:

+ Boltonia,

8 " Boltonia Oestrup 1877, 120: 2 pl. 22 f 18:

Borealis

11 vars., Atlas 45 f 15-18, 21

brachysira, in T.H.P. No. 39

L'ITALIA E' MIA

Brasilensis,

"*V. bicornata*, Cl. Nav. 1p. 48-1f19:

Brebissonii, K. - A. Schütz 1852 p. 89-7f1; Petit Cap. Horn:

Leucobiala, 1260, 1131

Св. Пав. 2р. 47:

Cl. var. 2p. 48:

(Pinn. Braunii.)

First. x Nov.

Pin, 5 ft. on. —

Cl. Nav. 2p. 78:

f279; - (Pinn. Brebiss.; -

.S.p.24; detrio.

.1.104; Donk.B.
hm.N.7.1. -2f
olle pl.10f7; P.
.am.10f7.10f7

42; Cl. 1880). 30;
(Caloneis b., var.) --

1 = 11. Joff 17; 0 =

1970-1980

17; Br. 1391.33-1394; Det. S.
av. 2 p. 51:

V.) - - - -

$$f(x) = 8, \quad f'(x) = -\frac{1}{2} \ln(x^2 + 1) - 1, \quad f''(x) = -\frac{x}{x^2 + 1} - 1.$$

933; R.E.C.I. IV
- (var. 12 re)

1891

101,00; - (100,00)

Sp. et. v. l. m. l. l.

[illegible]

Cancellata, Dk. - Ostropi 1897 p. 321;

" V. Marocana, Cl. Nav. 2p. 30:

" V. retusa, Breb. - Cl. Nav. 2p. 30: - (V. retusa; V. can. ex. Sch. vs
retusa, vs retusa)

- BULNHEIMIANA, Grun.-V.4.S.p.103-14fda; Det.Syll.p.137; Cl.Nav.p.154;
 " v.Belgica, Grun.-V.H.Type 113 sub; Det.S.p.137; Cl.Nav.p.154;
 CAELATA, Grun.- ?-(Cocconeis.)-
 CANTATA, E.-Det.Syll.p.130; (Pinn.)---
 CALIFORNICA, Grev.-Edinb.New Phil.Jour.1859p.29-4f5; Prit.p.393; R.E.
 D.p.224; Deby Polder p.17; Fortm.Cey.p.25; Cl.1873p.5; Wollé pl.
 14f17; Det.Syll.p.109: - (*N. Hannebergi*, v. *Cal.*) Petit, *Can.*
 " var., A.S., Atlas 3f6, 15, 16;
 " var., Wollé pls. 14f24; 16f1;
 " var., Malaisie:
 " v.Campeachiana, Grun., Atlas 3f19; Brun & T.p.72: - (*N. Hannebergi*, v. *Cal.*)
 " v.elliptica, Perag.Villef.p.47-2f7; Det.S.p.109:
 CALIGINOSA, Cl. & Grun.-LeD.Vol.2p.37-10f9: (N. Hannebergi, v.)-
 CAMPBELLI, Petit, Cat.p.22-5f23; Hedw.1873p.129; Det.Syll.p.77:
 J.R.M.S.1873p.241-45f23: (Caloneis.)---
 CAMPROCARPA, K.-Grun.1830p.562: (Nitzschia.)--
 CAMPYLODISCUS, Grun.-Atlas 3f9, 10, 12; Cl.Vega pp.493, 511;
 Wollé pl.12f15; Det.S.p.94: Petit, *Can. Horn.* (Diloneis.)--
 " var., A.S., Atlas 70f64, 65;
 CAMPYLOGRAMMA, E.-Abh.Ber.1853p.523; 1870pls.2-1f33; 3-3f16;
 Prit.p.910: (Scolioleura.)--
 CANCELLATA, Donk. B.D.p.55-3f4^{ab}; Schm.N.D.p. -2f36, 37; Pet.Cat.p.22;
 J.R.M.S.1873p.417-34f34; Det.S.1873p.34; V.4.S.p.33-2, 11f; T.1873p.34;
 1830p.36; Vega pp.470, 511; Perag.p.59; Pant.2,p.43; Malaisie; Det.
 Syll.p.48: *Cl. Nav. 2p.30: Atlas 46f29, 30, 31* (Pinn. & Nav.truncata, Donk.)--
 " forma intermedia, Grun.1832p.149; Det.Syll.p.43;
 " v.ammophila, Grun.1832p.149-2f66, 67; V.H.S.p.34; Det.S.p.43;
 " v.Gregorii, *Ralfs*.-Atlas 45f41, 42; 71, 72; Cl.1830p.37; Vega p.470;
 Det.S.p.49: *Cl. Nav. 2p.30*: (N. & Pinn.Gregorii.)--
 " v.impressa, Lagr.-Cl.1830p.36; Vega pp.470, 497; Det.S.p.49:
 (N.1873p.36; Pinn.1873p.36)---
 " v.minuta, Grun.-Cl.1830p.37-2f41; Vega p.470; Det.S.p.49; (*ammophila*, v.)
 " v.Scaldensis, H.V.H.S.p.36-A, f17; Det.S.p.49: - (*N.ammophila*, v.)
 " v.Schmidtii, Grun.-Atlas 45f45; 75f74, 75; Cl.1830p.36;
 Vega p.470; Det.S.p.49: - (*N. can. v. retusa*)
 " v.subapiculata, Grun.-Atlas 46f66, 68; Cl.1830p.37; Vega p.470;
 Det.S.p.49; *Cl. Nav. 2p.30: Oestrup 1897p.321*: (N. Gregorii.)-
 CANDIDA, Schum.1867p.57-2f47; Det.Syll.p.37:
 CANTONENSIS, E.-Abh.Ber.1847p.131; Prit.p.905; R.E.1873p.22;
 Det.Syll.p.101:
 CAPENSIS, E.-Det.Syll.p.130: (Pinn.)
 CAPITATA, E. Inf.p.135-13f20; K.B.1.99-30f10; K.S.A.p.32; Prit.p.900;
 Schum.1869p.35-2f10; R.E.D.p.193; Det.S.p.33: *Cl. 186p.132: N. B. p. 53*:
 (N.amphisbaena; -Pinn.c., uicephala & semen.)
 CARASSIUS, E.-Amer.p.130, pl.2-2f12; K.B.p.95-23f37; K.S.A.p.75; R.S.D.
 p.40-6f57; Grun.1860p.537-1f31; 2f11; Prit.p.900; Lew.W.M.D.p.11-2f
 21; Schum.1867p.55; R.E.1873p.193; Collin, *Paris*; Prit.1873p.900;
 Ebert, Cassel; Sm.Sp.1.No.255; A.J.M.1873p.136; Hoffmann, Marburg; -----

+ Carinifera, - (two cincta, var c)

" v. angusta, from J.H.S 7/17, - (A. carinifera)

+ Carinifera,

" Var. laxepunctata, Cl. Nav. 2 p. 48:

> centrastr, Cl. Nav. 2 p. 32-1 f 35:

Chironomus, from J.H.S 7/21:

Chi, Cl. Nav. 2 p. 37-1 f 29:

- DET. Syll. p. 133: *(N. coccinea, v. elliptica.)*----
- CATHONUM, E. -DET. S. p. 192: *(Cathon.)*----
- CARDINALIS, E. -Abh. Bot. 1340: 19; Grn. 1339: 51; 1333: 17; 1331: 303-12f72; Nylander, W.; Manoury 1370pl. 1f4; Sm. Sp. 1.333: Atlas 44f1, 2; V. H. S. p. 74-A, f5; T. No. 60; O'M. I. D. p. 341-30f2; Kinnora; Lake Michigan; Petit, 1333p. -4f14; Wollé pls. 10f45; 12f13; Det. S. p. 12; Herib. p. 35: *Tolosa, p. 125* *(Pinn.; -Stauroneis; -N. 1331: 1312.)*----
- * v. *Africana*, Brun, 1391p. 33-16f9; *-(Pinn. divergens, v. elliptica.)*----
- * v. *serotinitata*, Rattay, Trans. Roy. Soc. Edinb. 1333: 123-2013; Det. Syll. p. 12;
- CARI, E. -Inf. p. 179; Mik. pl. 12f20; K. B. p. 92; V. S. A. p. 71; Prit. p. 904: R. E. D. p. 225; V. H. S. pl. 7f11; Det. S. p. 179: *Cl. 1895p. 11: - (N. angusta.)*----
- CARIBAEA, A. S., Atlas 2f17; 6f10-12; 70f43; Schm. N. D. p. -1f40; Cl. 1373p. 5; Vega p. 495; Fortm. Cey. p. 26; Hobbs; Wollé pl. 1311: 70f. Syll. p. 93: *(N. clavata, v. -N. maculata, v. - (N. Wrightii, v.))*----
- CARINATA, E. -~~Wollé~~ Det. 1340p. 13; Mik. pl. 7-32, 11f7-23; K. B. p. 92; V. S. A. p. 71; Prit. p. 905: R. E. D. p. 225; Det. S. p. 179;
- CARINATA, Grn. -Atlas 2f1; Cl. 1373p. 5; Villot. p. 19; Wollé pl. 1311: 70f. Malaisie; Det. S. p. 101: *Cl. nov. 2p. 48: +*
- * v. *densistriata*, A. S., Atlas 70f42; Villef. p. 49; Malaisie; *Cl. nov. 2p. 48:*
- * *f. minor*, A. S., Atlas 2f2; *Cl. nov. 2p. 48:*
- CAROLINENSIS, E. -DET. Syll. p. 133: *(Pinn.)*----
- CASERTINA, DeNotaris, Erbario Crittogamico Italiano, No. 1560; ~~deu~~ 1372p. 133, No. XI: Det. S. p. 169;
- CASSA, W. S. -Cat. British Mus. p. 26; Carr. p. 107; Det. S. p. 157;
- CASTRACANEI, Grn. -N. L. K. D. p. 12-3f33; Cl. & M. No. 154: *Cl. 1895p. 11: -* *(Cathon.)*----
- DET. Syll. p. 175: *(Cathon.)*----
- CATHERINAE, E. -Mik. p. 311; Prit. p. 911; Det. S. p. 133;
- CERATOGRAMMA, E. -Amer. p. 93: *(Stauroneis birostris)*
- CERATOSTIGMA, E. -Amer. p. 93; Mik. p. 12; Prit. p. 911: *(N. affinis.)*----
- CERTS, Schm. 1371p. 55-2f33; O'M. I. D. p. 347-30f13; Det. S. p. 55;
- CESATII, Rabh. S. D. p. 39-6f39; R. Bac. Exs. 63; Prit. p. 904; R. E. D. p. 174; V. H. S. p. 33-3f35; Cl. 1331p. 5; Det. S. p. 59; Herib. p. 103: *(Cymbella; -N. appendiculata, v.)*----
- CEYLANENSIS, Fortm. Cey. p. 26-2f25; *Cl. nov. 2p. 46: - (Dictyonis Jamaicensis.)*
- CHALLENGEII, Grn. -Cl. 1330p. 54; *-(A. 1330p. 54; -Tropidoneis antarctica.)*----
- CHARONTIS, E. -Abh. Bot. 1345p. 269; Mik. pl. 353-46, 11f2; Prit. p. 901: R. E. D. p. 224; Det. Syll. p. 132;
- CHESSONENSIS, Grn. -Atlas 12f40; ~~1331p. 54~~ 1311p. 15; Wollé 1311p. 70f. Det. S. p. 34: *(Diploneis.)*----
- * CHILENSIS, K. B. p. 97; K. S. A. p. 79; Grn. 1360p. 513; Prit. p. 907-12f33; Det. S. p. 65: *(Pinn. --non Bleisch.)*----
- CHIMMOANA, O'M. -M. J. 1372p. 285-13f1; Det. S. p. 79; ~~deu~~ 1372p. 153;
- CHYZERI, Prit. p. 43-5f95; Det. S. p. 55: *(N. viridis, v. -)*----
- CILIATA, Corda. -Almanach Carlsbad; Meneg. A. N. D. p. 375: *(Cocconema gibbum; -Epithemia.)*----
- CINCTA, Pantocsek 2, 1.44-II f196: *(N. pseudo-cincta.)*-----

+ Cincta, L. - Cl. Nav. 2 p. 16:-

(4111:-)

" var. Cari. E. - Cl. Nav. (2) p. 17:- (Nav. Cari.)

" v. angusta, Gr. - Cl. Nav. (2) p. 17:- (St. ang.; - St. cari, v. ang.)

+ circumscissata id. id. 212848:

+ clavata, - (L. Hem. stry. v. clav.:-)

" var. Indica, Gr. - Atlas 204 f. 12:- (H. Indica? V. hibernica:)
Cl. Nav. 2 p. 62:- (H. Indica var. gran. -)

" " Exsul, L. - Cl. Nav. 2 p. 61:- (Nav. Ex.) -

" " Proxima, Gr. - Cl. Nav. 2 p. 62:- (Nav. prox.) -

Clementis, Cl. Nav. p. 24:

+ cluthensis:

+ " var. Finnarchica, Rel. 7, Cap. 4 - 112848:-

CINCTA, E.-Ralfs, Prit.p.901: Eiben, 1871; Darnf. 1.26; Cl. & M.No. 136:

Sm.Sp.T.256; A.J.M. 1873p.133: V.H.S.p.32-7f13, 14; T.Nos.32, 33;

Det.S.p.39; 1816.1.93: ~~Cl. 1872p.31~~ (Pitt. 118---)

forma minuta, H.V.L.-Deton, Syll. 1.40:

v. Heufleri, V.H.S.p.32; Det.S. 1.40: ~~Cl. 1872p.31~~ (N. & Pinn.H.)--

v. 1816p.112, V.H.S. 1.32; T.N. 34; Det.S. 1.40: (N.V. 131.)

CIRCUMDOXA, Grun. 1891p.33-132: (Pitt. 118p.117)

CIRCUMSECTA, Grun., Cl. 1830p.42; Vega pp.505, 511; wolle 9f27; Det.

Syll.p.109: (N. hibernica; -N. polysticta, v.)

CISTELLA, Grev.-T.M.S. 1833p.19-1f12-14; R.E.D. 1.227; Det.S. 1.135:

(Cocconeis glabrata.)---

CITREA, A.S., Atlas 49f12; Det.S.p.126: (Neidium.)

CLANCULA, A.S., Atlas 12f33, 34; Det.S.p.35: Sm.Sp.T.No.634:

(Diploneis interrupta, v.)----

CLAVATA, Gr. J.M.S. 1836p.43-5f17; Prit. 1.393; Carr. 1.107; Dorn. 1.11:

15-215; A.Schr. N.D. 1. -1133: Atlas 70f100; 129f110; Dorn. 1.112;

O.M.I.D. 1.330-32123; Lagr. 1870.1.41; 1830. V.H.S. 1.10; Cl. Vega 1.490;

Malaisie; Villaf. 1.43; ~~Cl. 1872p.31~~ (N. Gr. 1812p.118, 1518² 1811p.111.)---

v. elliptica, A.S., Atlas 3f13; Cl. Vega p.511:

v. Caribaea, Perag. Villaf. 1.43: ~~Cl. 1872p.31~~ (N. Gr. 1812p.118, 1518² 1811p.111.)---

v. elongata, Perag. Villaf. p.43-5f37: ~~Cl. 1872p.31~~

v. rhombica, Clave Navic. 1. 4f11: ~~2p. 62: 14f11~~ ~~Cl. 1872p.31~~

CLAVICULUS, Arnott in litt.:-(N. leptocoma):-----M.D. 1.1152, 0, Cl.

Carr. 1.105; New Zealand; Schum.N.D. 1.90-2123; Lagr. 1870.1.45; Sr. Sp.

T.No.631; Part. 21.44; Det.S. 1.36; (Pinn.)--

CLEMENSIS, Grun. 1832p.144-30f32; V.H. Type No.99; Det. Syll. 1.51:

CLEPSYDRA, Ralfs, Prit. 1.393--N. & Pinn. dissimilis):-----Dorn. 1.112-

1012; M.J. 1831.3-113; Gr. D.C. 1.13; R.E.D. 1.131; O.M.I.D. 1.347-321

10; Atlas 43f39; Sr. Sp. 1.237; V.H. Type 113; Det.S. 1.125: 1811p.111;

(Trachyneis clepsydra & Debyi.)---

var., A.S., Atlas 43f33;

CLEVELI, Lagr. 1873p.34-1f10; Det.S.p.112: (Caloneis.)-

CLEVELINA, O.M.I.D. 1.409-5413; M.J. 1870.1.414: (N. sibirica.)-

CLUTHENSIS, Greg.D.C.p.6-1f2; Prit.p.900-7f73; Carr.p.107; R.E.D. 1.

134; O.M.I.D. 1.330-3219; Lagr. 1870.1.45; Darnf. 1.26; Cl. 1830p.42;

Vega p.471; wolle 11.14827; Det.S. 1.131; ~~Cl. 1872p.31~~

v. erythroa, Grun. 1890.1.329-3417; N.D.V. 1.14; Det.S. 1.121: (N.V. 131.)

v. funicularis, Grun.-Cl. 1830p.43-2f49; Vega 1.471; Det.S. 1.121: (N.V. 131.)

v. maculifera, Cl., N.D.V. 1.14-2f23; 1891p.33: Det.Syll. 1.121: (N.V. 131.)

v. minuta, Cl., N.D.V. 1.14-2f22; wolle 10f11; Det.S. 1.131: (N.V. 131.)

v. producta, O.M.I.D. 1.330-3219a; ~~Gr. 1872p.31~~

COARCTATA, E., Abh. Ber. 1842p.20: Atlas 11f30-32; 59f11; 174f11;

Det. Syll. p.34:-(Diploneis c.)

COCCOGRAMMIS, Gr. J.M.S. 1836p.43-1122; A.A.N. 1.1371.275-276; S. 1.1.

2, p.92; Grun. 1860p.550-2f9; Prit.p.876; Schum. 1862p.133-9f43; 1364p.

20; 1369p.33-2f13; H.T.p.39; Carr.p.106; New Zealand; Dorn. 1.112-

3f11; R.E.D. 1.136, 139; O.M.I.D. 1.370-3f136; Lagr. 1873p.32-2f3; Cl.

1831p.15; 1891p.32: Kinnora; V.H.S. 1.14f1; T.No. 140; Gallia, Japan:---

+ eucroniformis Tr. Cl. Nav. 2p. 9:

Tr. - Tr. - Tr.

> concilians Cl. Nav. 2p. 54-1f. 25:

Tr. - Tr. - Tr.

connectors, Tr. - Tr. 212 f 24; Cl. Nav. 2p. 55: (k. l. y. a. n. c. n. g. n.)

> consanguines Cl. Nav. 2p. 52: A. S. M. D. P. - 2 f 32:

+ consors: Cl. Nav. 2p. 25:

(N. leudugan)

- wolle pl. 10f14; Det. Syll. p. 133: *Cl. 1895 p. 12*: (N. carassius & nax)
 " var. "b", Rabh. E. D. p. 133:
- COCCONEIODES, ~~Rabh.~~ Ralfs, Prit. p. 900: (Pinn.)---
 COCCONEIS, E. De Toni, Sylloge p. 133: (Pinn.)
 COERULEA, O'M. I. D. p. 353-3f15; Det. S. p. 133;
 CONFEIFORMIS, A. Schm. N. D. p. 88-1f22; 2f13; O'M. I. D. p. 397-35f13;
 Det. S. p. 93: (Diploneis.)
 " v. densestriata, A. S., Atlas 70f54; (Dipl. c., var. d.)---
 " v. suborbicularis, A. S., Atlas 317; 70f53; (Dipl. c., var. c.)
 COLLISIANA, O'M., I. D. p. 334-32f19; Det. S. p. 33:
 COLUMNARIS, E. - Abh. 32. 1343. 135; Mik. p. 18. 7-104; 102; 110. 1. 102;
 Atlas 4011; wolle 13f1, 5; 13f16. p. 113; Det. S. p. 101: *Cl. 1895 p. 12*:
 COMMIXTA, Breb. - (N. pisciculis, K. -)
 COMOUTATA, Grun. - Atlas 45f22-25, 26; 45f27; 45f31. 1; 45f32;
 wolle 17f13; *Petit, Cap Horn*: (N. hemiptera; -N. viridis, v. *hemiptera*)
 COMOIDES, Grev. - Cl. Vega p. 475: (Schizoneima.)
 COMPACTA, Grev. - M. S. 1371. 11-313; Prit. p. 900; R. E. D. p. 201;
 Det. Syll. p. 129:
 COMPAR, Jan. - Atlas 70f69; Det. Syll. p. 101: (Dipl.)---
 COMPLANATA, Grun. - Cl. 1334. 42; Vega p. 476; Cl. Nav. p. 156. 6f
 iconibus; *Le D. 2. No. 21 p. 217-2172*. (Amphora; -Eubellus.)
 " v. hyperborea, Cl. Nav. p. 156: (Amphora h.)---
 " v. subinflata, Grun. - Cl. Navic. p. 153: -(Amphora s.)
 COMPLANATA, E., De Toni, Syll. p. 193: - (Pinnularia.)-
 COMPRESSA, E. - Det. Syll. p. 193: - (Pinn.)
 COMPRESSICAUDA, A. Schm. N. D. p. 91-2f35; Atlas 43f32; Lagr. 1373p. 34;
 Brin & Tem. p. 72; Det. S. p. 61: *Cl. Nav. 2 p. 33*:
 CONCENTRICA, Bail. - A. J. S. Vol. 43p. 139-3f13-15: -(Goniothecium Rogersii.)
 CONCINNA, Bailey Coll.: - (N. praetexta.)-
 CONECTA, A. S., Atlas 12f43; wolle 15f12; Det. S. p. 35:
 (Diploneis 01811 v. c.)
 CONSERVACEA, K. - V. H. S. pl. 14f36; Cl. Nav. p. 133: (Draconis.)-
 " v. hungarica, Grun. - V. H. S. pl. 14f33: --Var. peregrina): ---
 " v. peregrina, Grun. - V. H. S. pl. 14f37; Cl. Nav. p. 133: -(Draconis & v. hung.)
 CONFEDERATA, Part. 3p. - 34f43I: - (N. Schultzei.)---
 CONUGATA, *Conjugata* (Det. S. p. 101. 102-103): -(Pinn.)---
 CONOPS, K. B. p. 100. K. S. A. p. 33; Prit. p. 393; Neap. Asat. p. 192-2f45;
 Amazon; Det. S. p. 73: (Dipl.)-
 CONSIMILIS, A. S., Atlas 2f43; Schm. N. D. p. 91-2f43; Lagr. 1373p. 45;
 Det. S. p. 177: (Diploneis.)---
 + CONSORS, A. S., Atlas 43f24-27; Cl. Vega p. 505; Det. S. p. 94: (Diploneis.)
 CONSPICUA, E. - Pinn. p. 100; Prit. p. 11131; Det. S. p. 133: *Consp. 2 p. 43*:
 CONSPICUA, A. S., Atlas 43f10, 11; Det. S. p. 11. 60, 190;
 CONSTRICTA, E., Int. p. 133-2117; Mik. p. 133A-1713; Prit. p. 393;
 R. E. S. p. 220: (Denticella; -Sarcinella.)--
 CONSTRICTA, Grun. 1360p. 535-1f13; R. E. D. p. 205; Fortm. Gey. p. 25; Dannf.
 p. 34; Atlas 12f35; 39f42; V. H. Type 100; Viller. p. 101; 102. 1. 102;
 (Caloneis; -Diploneis; -N. musca, Donk.: -N. timida.)--
 var. d. S. Atlas 109f42

conspicua, Cl. Nov. 2 p. 26: - (*Schizonema*)

CONTATA, Grm.-V.H.S.p.I09-I4f3I; Del.S.p.I63; Cl.Nav.i.f.I63;
CL.NAVI.i.f.I62: (N.Galapagos, A.S., & cont.)
v.biceps, -V.H.S.p.I09-I4f3Ib; Del.S.p.I63; Cl.Nav.i.f.I62;
CONTRICHA, A.S., Atlas I3fI7, I3; Del.S.p.II6:-(Trachyphala capensis, v.)--
CONTIGUA, A.S., Atlas 3f43; Del.S.p.94: (Diploneis.)---
CONTRACTA, E.-Abh.Ber.I342p.235: Del.S.p.I92:
CONTRACTA, Grm.-Atlas I3fII3: (Caloneis Galapagensis, v.)----
CONVEXA, S.B.D.I.49-I6fI55; Fortm.; M.T.P.3-3-9: Prit.p.909; Carr.p.I05;
R.E.D.p.57; St.Sp.T.256; Gravillea I872p.73: A.S.O.I873p.I63:
(A'prora. latestriata; -Scoliopleura c.)
COPIOSA, A.S., Atlas I29f6; Cl.Nav.2p.59:
COQUEBENSIS, Donkin, M.J.I359p.293-I3fI4: (Goniophora perfractum.)--
CORREPTA, A.S., Atlas I6ofI5: (Caloneis Galapagensis, v.Japonica.)
COSMARIA, Breb.MSS.:-(N.undosa, E.)-
COSTATA, K.B.p.93-3f56; K.S.A.p.72; Grm.I36Op.54I; Prit.p.903:
R.E.D.p.225: wolle pl.24f6, 7: Herio.p.37-4f7: Pinn.tata):
(N.Pannonicus; -Stenoneis polygramma: 12+...)
COSTULATA, Grm.-Cl.&M.No.26I; V.H.S.p.55-A, II7; Tjpt.60.7I;
Cl.I33Op.27; Del.S.p.47; Cl.Nav.2p.59: 2p.112p.112f6f7
COTIFORMIS, Grm.-N.L.K.C.p.II; Del.S.p.20;
COUPERI, Bailey.-Rafes, Prit.p.393; wolle pls.I6f7; I7f2; Atlas pl.
2fI2; Del.S.p.93: -(Pinn. baccata, v.) (Pitt.)---
CRABRO, K.S.A.p.33: S.B.D.2, p.94; M.J.I357p.3-3fII; Mull; Grm.I36Op.
524-3f2I; I363p.I3; Breb.Verm.p.I0: Prit.p.394; Carr.p.I05; Schm.
I337p.56; Donk.I36Op.43-7fI; Cl.I33Op.229; Vega p.47I; R.E.D.p.204;
A.Schm.N.D.p. -If5, 6; 2f4; Atlas IfI4-20; I2f7I, 72; I29fI7, I3; Pet.
Cat.p.26; Lagr.I36Op.35; O'M.I.O.p.40I; Carr.p.25; Atlantic I36Op. J.
O.C.I335p.I37; Fortm.Cey.p.25; Malaisia; V.H.S.p.55; V.H.S.I0I; M.T.P.
T.p.72; Patz.p.30; Vittat.p.72; wolle pls.I3f55; I4f7; Part.2p.44-
2f22; Del.S.p.33: (Caloneis brevis, v.) (Pitt.)---
(Diploneis; -N.multicostata & nitida; -Pinn.g. & pandura.)---
var., A.S., Atlas 69fI2, 2:
v.denticulata, O'M.I.O.p.405-33f34: (Nav.dent.)
v.intermedia, O'M.I.O.p.405:
v.japonica, A.S., Atlas I74f4; (Dipl.e., var.separabilis.)----
v.multicostata, Grm.-V.H.S.pl.9f2; Atlas I74f6, 7;
(Nav.m.; -Dipl.e., var.)- Petit, Cap Horn
v.nankooensis, A.S., Atlas 69f4; Del.S.p.69; (Dipl.e.var.N.)
v.oranensis, A.S., Atlas 69f3: Del.S.p.69:-(Dipl.e., var.mit.)--
v.pandura, Breb.-Rabh.E.D.p.205; V.H.S.pl.9fI: Del.S.p.69:
(Diploneis c., var.p.; -N.& Pinn.pandura.)---
CRABRONIFORMIS, Grm.-Atlas IfI24; wolle I5f9; Del.S.p.34;
(Diploneis eximia, v.) (Pitt.)---
CRASSA, Grep.-M.J.I355p.40-4fI9; S.B.D.2p.I02; Prit.p.909; Carr.p.I05;
R.E.D.p.I73; M.T.P.3-3-9; Fortm.Cey.p.25;
(Caloneis brevis; -N.humerosa.)----

cruciata, Cl. - { Pinn. c. } -

crucifera, L. - Cl. Star. p. 32. - (L. mot. c. c. p. 2)

cruciformis, (Pinn. c.) -

- CRASSINERVIS, Breb.-S.B.D. Ip.47-3If27I; Mull; Braemar; Prit.p.900: R.
D.Ex.No.55: Gran.I36Op.543-3f12; Schum.H.1.p.43; I364p.22; Cair.p.
I05; Roper, Thames; Donk.B.D.p.42-3f12; Mull; Cl.I337p.635; I353p.225;
Cl. & M.No.38; N.A. 321a; O'M.I.D.p.272-3f11; H.1.1.1877.1.1, 174-
1851 "A, B": I374p.22; I375pp.235, 279; M.M.J.3-4-12; Mull; Linton, 1877.1.1, 174-
Bras Alp.p.64-7f3 "F": Sm.Sp.1.260; A.O.M.I373p.I36; Tanarek I379p.
35, f2a, I6b; Kinnora; Petit I333p. -4f3; Malaisie; Slamer, Duren; Herib
p.III; (Cl. Nav.)
Saxonica & torfacea; -N. & VanHeurekia rhomboides & v.; -VanH.c.)--
" var."b", Schum.H.1.p. -4f59; M.M.J.I375p.3-109f5;
CRASSIROSTRIS, Gran.-Cl.I330p.41-3f17; Vega p.473; Del.S.p.I62; Cl.
Nav.p.I07; Herib.p.I04;
" v.Maasoensis, Gran.-Cl.I330p.43; Vega p.473; Del.S.p.I62;
Cl.Nav.p.I07;
CRASSULA, Nag.-K.S.A.p.390; R.S.D.p.40; Prit.p.900: R.E.D.p.I95;
Del.Syll.p.I71;
CRATICULA, E.-De Toni, Sylloge p.I90: (Pinn.)---
CRAVENI, ---Fortm.Cey.p.25-2f19; Del.Syll.p.II7: (Pinn.)---
CREGULLI, H. & Perag.-Herib.p.II9-4fI7: (Caloneis fasciata.)-
" v.lanceolata, H. & Perag.-Herib.p.I20-4fI3: -(Cal. fasc.)--
CRIOPHILA, Castr.-Del.Syll.p.25; Notar.I339p.639: (Pinn.)---
CRISTATA, E., Abh.Ber.I354p.240; I370p.13-3fI5; Mik.pl.35B-4b, f13;
(Donkinia.)---
CRUCIATA, Fortm.Cey.p.25-2f19; Del.Syll.p.II7;
" CRUCIATA, Cl., N.L.W.D.p.3-1f11; Wollg. II f5: -(Pinn.)---
CRUCICULA, w.S.-Donk.B.D.p.41-3f11; Cl.I330p.35; I331p.9; I331p.27;
Dannf.p.20; V.H.S.p.95-10f15; T.H.S.II2; Del.S.p.II3; Cl.Nav.p.II0;
(Stauroneis dilatata, w.S.)---
" v.minuta, Gran.-Cl.Nav.p.I40: -(Stauroneis c., var.m.)-
" v.obtusata, Gran.-Cl.I330p.35-2f37; Cl.Nav.p.I40; Del.S.p.II5;
(Nav.obtus.)-
" v.protracta, Gran.I332p.I40-30f475; V.H.S.p.95-3, f27;
Del.S.p.II5: (Nav.10.)---
CRUCIFERA, O'M.I.D.p.354-30f37: -----Gran., Atlas 45f50-54? Cl. & M.No. 62
I54; Dannf.p.23; Malaisie; (N.apiculata, v., & Granowiana.)-----
CRUCIFIX, Bras & T.p.42-7fIP: Del.Syll.p.I02: (-Pseudo-amphipora.)
CRUCIFORMIS, Donk.M.J.I36Ip.I0-If7; B.D.p.65-10f4; Schum.N.D.p.90-2f
25; Dannf.p.24; Lagr.I373p.32; Cl.I373p.5; I330p.23; Vega p.464; V.
H.S.p.74-A, f8; Wollg. 24fI9; Del.S.p.I4: -(-Pinn.Brachissonii, "a.")--
" v.borealis, Cl.Vega p.464, 49I;
" v.brevior, Cl.Vega p.464-35fI3: -(Pinn.c. var. br.)-
" v.Seychellensis, Gran., Cl.I332p.33; Del.S.p.I5;
" v.Upolensis, Gran.-Cl.I330p.23; Del.S.p.I5;
CRUCIOLA, w.S.-Cl.Navie.p.III: Del.S.p.187p.3f3: (Schizoneis, w.S.)---
CRUX, E.-Inf.p.I84; Mik.pls.I2f37a-c; I6-2fI2; Prit.p.839; Del.S.p.
I87: (Pinn. & N.) follis & inflata; Tetracyclus.)-
CRYPTOCERIALA, K.B.p.95-3f20, 26; K.S.A.p.74; Braemar; R.S.D.p.39-3f7I;
S.B.D.11.53-17fI55; Mull.1877.1.1, 174-1851 p.24; R.D.Ex.No.43; Prit.p.901; T.H.S.
p.I93; Gran.I330p.627; I331p.10; I331p.13; Del.S.p.1.1; Cair.p.105;

- Cryptocephala, K. -

"v. lanceolula, Schum. - V.H Sp² 8 f 11.

> "v. perminuta, Gn. - Cl. Nav. (2) p. 14: - (Nav. per.)
+ "v. pumila, (A. rhombulus lanceolula; - v. p. .... lanceolula v. fossilis;

+ "v. veneta, Cl. Nav. (2) p. 14:
(N. veneta.) -

"v. rhynchocephala, - (Nav. rh.; lanceolula).

Cl. I363p.223; I33Ip.5,9; Nares; I39I.32; Schum.d.7.1.63; I359p. -
2fI7; Neipauer p.196-3f30; Donk.B.C.p.37-5fI4; R.Alg.e.No.447; 1111;
Brugger p.236; New Zealand; Ardissonne I364.393; Alch. Bach; Eiben,
I37I; O'M.I.D.p.4I4-34f25; Ebert, Cassel; Prollius p.3I; Sm.Sp.7.26f;
Arizon; Petit & Leda.; liste p.20; Gran Alp. 75-7f29; O'M.I.D. p.11-
2f9-12; Gallik, Pagan; Dannf.p.23; Lake Michigan; V. i. S. p.34-3fI, 5; 7.
92; Hoffmann, Marburg; Perag.p.30; Bellon, Eichen; wolle 12f16; Del.
Syll. p.46; Herib.p.10I: *Cl. Nav. (2) p. 14.*

(N. appendiculata, ^{var. exilis} Ehrenbergii & gregaria *cf. mutica, p.p.*)

v. angustata, Gran Alp. p.70: (Nav. ang.)---

v. latior, Dannf. p.23-3fI2; Cl. I39I.32; *Cl. Nav. (2) p. 14.*

v. exilis, Gr. - V. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. intermedia, A.M. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. latissolata, Gr. I350p.117-2f26; V. i. S. p.34, 5; 7. No. 92; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

(Nav. lanc., K.)

v. minor, Gr. I350p.527-2f28c,d; Spaner, Duen;

v. parvula, Gr. - Del. Syll. p.13; *Cl. Nav. (2) p. 14. (Nav. ex.) p.p.*

v. elongatissima, Gr. I350p.117-2f26; Strose Kl. p.9-1f22; (P. gibba.)

v. Thurholmiensis, Lager. - Cl. I39Ip.32: (N. Thur.)

v. veneta, Rabh. E. D. p.198; V. H. S. p.35; Perag.p.30; Del. Syll. p.46; +

CUBITUS, Gr. & Tapp. p.42-3f3; *Cl. Nav. 2 p. 31*

CUNEATA, O'M., I. D. p.355-30f40;

CURTESTRIATA, Pant. 2p.44-2fI9; 3f2. - 12fI33: ~ (P. gibba.) ~

CURVINERVIA, Gr. - Cl. I373p.3-2fI3: (Alloioneis; -Scolioptera.)---

CURVIPUNCTATA, A. S., Atlas 3f40; Malaisie:

CURVULA, E. - Inf. p.13I-13fI4; Amer. 1.2-4f6; K. B. 1.102-4f3I; 29fI;

K. S. A. p.33: Eiben, I37I: *nik. p. 11.*

(Frist. inflexa; -Nitzschia sigmatella, var., & c.; -Pleurosigma.)---

CUSPIDATA, K. B. p.94-3f24, 37; K. S. A. p.74; R. S. C. p.37-5fI6: R. Alg. E. No.

II36; Desmaz. I, No. I464; 2, No. I064; Mathier; Marissal p.23-1fII; S. B.

D. Ip.47-13fI3I; Prit. p.905-12f5; Gr. I350p.523; I355p.12-2fI3; 45p.

p.32; Weiss I350p.339-3f23; Gr. I350p.523; I355p.12-2fI3; 45p.

I7I; Carl. p.107; Donk. B. C. p.39-3f3; Eul. Sp. 7.37; Roper, Thames; N. &

R. S. p.7I; Mull: Cl. I354p.223; I33Ip.9; Cl. & M. No. 99; Vega p.49I; 29I

pg.32; Navic. p.109; Petit & Leda.; liste p.20; I333p. -4f5; Prollius

p.32; Gr. Alp. p.664; Strose Kl. p.9-1f22; A. O. M. I379p.97; M. W. J.

I374p.22; Sm. Sp. 7. No. 259; Nylander, w.; Sur. Jap. p.12-1fI3a-c; O'M. I. D.

p.357-3fI; Macdonald p.10f24a; Kinnora; Dannfelt p.29; Delogne; V.

H. S. p.100-12f4; 7. No. 120; Hoffmann, Marburg; Talarck I379p.33, fI5A;

Bellon, Eichen; wolle 12f16; Del. Syll. p.46; Herib. p.107: *Adas 2118 34-39, 32.*

B. C. I337p.72-66fII; M. T. P. 3-4-5; Perag. p.53; wolle 12f16; Del. S. p.

I36; A. M. M. J. I39Ip.1.1f12; Herib. p.107: *Adas 2118 34-39, 32.*

(Bacillaria & N. fulva; -Cymbella latifasciata; -Frist.; -N. vilpina &

amphisbaena; -VanHeurckia.)---

v. ambigua, E. - Pfitzer p.33-3fI-9; Cl. Nav. p.110;

(Nav. amb., birostrata, quarnerensis & sphaerophora.)-

v. alpestris, Gr. Alp. p.66, - 7f6: *Del. Syll. p. 137.*

v. amphisbaena, E. - Rabh. E. D. p.170:

(Nav. amph.)----

Dactylus,
"forma maxima, T.H.S. 5-f1: - (Pinn. dac.)
"var., A.S. illus 4215; Petit, Cap. 10.

Leucura, (of allas = P. sub-laris): -

- var. "b" fulva, Nitzsch.-R.E.D.p.170; Pet. lists p.20; (Nav.f.)
 forma craticula, Perag. & H.-Herib.p.107-4615;
 v. craticularis, Grun.-New Zealand: *Atlas 211f37*; ~ (Smirilla c.)---
 v. danaica, Grun.-Cl.Nav.p.110; (Stictodermis feni, 211.)-
 v. halophila, Grun.-V. d. S. p. 100-B, f30; T. No. 12, sub; Det. Syll. p. 135;
 (Nav. hal.)---
 v. latitanti, Petit.-Pant.p.108-1102; Cl. Nav. p. 113;
 v. lanceolata, Grun. 1330p. 529;
 v. longicollis, Sar. Jap. p. 12-1f16d; Det. S. p. 137;
 v. obtusa, Grun. 1330p. 529;
 CUSPIS, O'M.I.D.p.353-31f3; Det. S. p. 137;
 CYMBULA, Donk.-M.J. 1339p. 294-13f6; Cl. Vega p. 491;
 V. d. S. p. 1.7f32: *(N. lanceolata, v. cymbula: -* (N. varians.)---
 CYCLOPHORA, Casti. 1337p. 34-23f13; Notar. 1339p. 637; Det. S. p. 172;
 CYNTHIA, A.S., Atlas 3f41; O'M.I.D.p.395-33f10; Woll. 9f25, 26;
 Det. Syll. p. 93; (Dipl.)---
 CYPRINUS, K.B.p.99-29f35; K.S.A.p.32; Breb. D.C.p. : Prit. p. 938; Grun.
 1330p. 524; 1373p. 15; Schum. 1337p. 42-1f50; T. No. 12, sub; V. d. S. p. 1.409-34f11; Sm. Sp. 7.252; Lagr. 1373p. 33; Dannf. p. 25; V. d. S. p. 1.7f3; T.
 No. 73; Perag. p. 58; Villef. p. 46; Herib. p. 102;
 (Pinnul. c. & digito-radiata: *Nav. peregr. v. meniscus*)
 CZEKEHAZENSIS, Pant. 2p. 44-4f59; Det. S. p. 73; (N. diadema, Neq.)---
 DACTYLUS, K.B.p.99-29f35; K.S.A.p.32; Prit. p. 938; Grun. 1330p. 524; 1373p. 15;
 1333p. 222; 1331p. 1; Petit. 1333: Pant. 2p. 44-4f59; 1333p. 222; Sm. Sp. 7.252;
 250; *Atlas 42f24, 25*; Woll. 21f1; Petit, 1333: Pant. 2p. 44-4f59;
 Herib. p. 81: *J. Q. C. 70p. 37*; (N. nobilis, v.; -Pinn.)
 var. subgigas, Woll. p. 1.21f4;
 DALMATICA, Grun. 1330p. 525-1f14; Atlas 3f53-60; Cl. Vega p. 511;
 Villef. p. 51; Det. Syll. p. 81; (Diploneis; -Pinn.)---
 DARIANA, A.S., Atlas 42f24, 25; Woll. 17f5; Det. S. p. 16; Herib. p. 32; *Atlas 42f24, 25*
 DAVIDSONIANA, O'M.I.D.p.361-31f13; Det. S. p. 130;
DEBILIS, Pant. 2p. 44-1f1214; 3f1. -3005; Det. S. p. 131; *(Pinn. lenticularis)*
DEBILISSIMA, Grun. 1334p. 51-1f42; Det. S. p. 139; *Cl. Nav. (2) p. 5*
 BEBYI, Pant. 1p. 20-13f125; Det. S. p. 131; (Diploneis.)
 DECIPIENS, Grun. 1330p. 525-1f14; T. M. S. 1350p. 91-- (Stictodermis feni, 211.)-
 DECIPIENS, O'M.I.D.p.359-31f3; Det. S. p. 133; Casti. 1337p. 32-27f17;
 DECORA, E.-Det. S. p. 133; (Pinn.)---
 DECORA, Gro. & St.-J. Q. C. 1337p. 133-10f13; Notar. 1337p. 552; Atlas
 174f27; Det. S. p. 179; Cl. Nav. p. 74;
 DECUMANA, Pant. 3p. 72-33f499; *(Pinn. lenticularis)*
 DECURRENS, K.B.p.99; K.S.A.p.31; Mik. p. 11f23; Prit. p. 396; R.E.D.p.
 139; Schum. H. 1. p. 40, 75; Atlas 42f29, 30; Cl. Vega p. 494-23f16;
 Woll. pls. 9f33, 39; 25f3; Herib. p. 95; (Pinn.)--
 var. "g", Prit. p. 396; (N. trabecula.)
 DECUSSATA, K.S.A.p.70; Grun. 1330p. 541; Prit. p. 903; Petit Cat. p. 20-
 4f11; J. R. M. S. 1373p. 215-14f11; Det. S. p. 135; Malaisie: *Cl. Nav. (2) p. 5*
 (N. extensa; -Pinn.)-
 DEFINITA, Gro. & St.-J. Q. C. 1337p. 133-10f13; Notar. 1337p. 552; Atlas
 174f27; Cl. Nav. p. 135;

+ Delawarensis, Cl. Nav. 2p. 41:

+ dicapitata, Cl. L.S. 2, n. 19p. 44-45. -

+ Delwittiana, (h. Yarensis, var.)

- dicapitata Green. 1882 pl. 30 f 55

" W. elgimensis, Frey. - Cl. Nav. 2p. 21: - (Pinn. Elg.)

" W. dicapitata, Fr. - 1882 p. 156-30 f 54: Cl. Nav. 2p. 21:

" " stauroneiformis, A. A. T. 1884 p. 53, 54:

+ didyma Petit, Cap. 4. Green. Herp. 82.

" " "S" Seq. - J.M.S. 1856 p. 44-5 f 16.

+ difficilis - (Kennedyi, var. def.) -

+ digitato-radiata, Greg. -

+ " var. cyprius, Oestrup 1897 p. 319:

" Seydellensis, Cl. Nav. 2 p. 46:

+ diffusa, Ait. - Perag. Vill. p. 49-3 f 30: Cl. Nav. 2 p. 46:

" V. Balearica, Cl. Nav. 2 p. 46:

" V. minor, Cl. Nav. 2 p. 46:

+ directa, Widn. - Arl. 47 f 5; A. Sch. H. D. pl. 3 f 2: Oestr. 97 p. 320: ^{Petit. Cap Horn:}

" V. Javanica, Cl. Nav. 2 p. 27: -

" V. remota 47 f 1-4:

distans, W.S. - P. t. t. Cap 11/12/13

disticha, W.S. - Atlas 2/12/13

+ divergens,

"forma minor, Atlas 44 f 14, ^{15, 42}~~34, 35~~ 45 f 31-34; - (Pinn. stauroneiformis, ^{recauf. pl.})
"Atlas 44 f 6-7 = Pinn. circ. v. elliptic; -

CISSIMILIS, Rabh., DeToni Syll.p.8I; ---Pinnularia;)-----W.S., in A.M.N.H.
1857p.8-2f6; Prit.p.9I0; DeT.S.p.267:

(N.elepsydra, Ralfs, & Scoliopleura:)-----

DISTANS, W.S.-Ralfs, Prit.p.907; Grun.1330p.523; 1331p.13; 1334p.42;
Breb.D.C.p. : Cl.1368p.224; 1373p.17; Vega p.470; Petit Cat.p.26;
Lagr.1376p.32; Fortm.Cey.p.27; Flogel, Baltic; O'M.I.D.p.343-30f6; V.
H.S.pl.87-A, f18; Atlas 46fII-I4; Dannf.p.18; Perag.p.53; Brun & T.p.
72; DeT.S.p.33: (Pinn.)--

v.borealis, Grun.1334p.3-1f26; Cl.1380p.33-2f42; Vega p.476; (Pinn.)--

DISTENTA, Schumann H.T.p.73; 1357p.53-2f23; Atlas 2f14; Wolle pl.
13f10; DeT.S.p.101: *Cl. Nav. 2p.62:*

DISTOMA, Grun.-Cl.1380p.30; DeT.S.p.123:- (Caloneis & N.brevis, var)

v.angustior, Cl.1380p.31-1f26; DeT.S.p.124;
(Caloneis d., var.; -N.brevis, v.)--

v.lator, Cl.1380p.31-1f25; DeT.Syll.p.124:
(Cal.dist.var.; -N.brevis, v.)

DIVERGENS, W.S.-Ralfs, Prit.p.896; Grun.1330p.522; 1331p.13; 1334p.42;
p.70; Cl.1368p.225; 1381p.5; Arenig Bach; O'M.I.D.p.345; Atlas 12f
10, 11; 44, 76; 1357p.53-2f23; Dannf.p.27; Perag.p.53; 1350p.
-417; M.T.P.2-1-3; DeToni, London; Kinnord; Lake Michigan; Wolle pl.
19f20, 21; Malaisie; DeT.S.p.17; Herib.p.39; (Pinn.)--

v.elliptica, O'M.I.D.p.345; Grun.1334p.46-1f19; DeT.S.p.17:- (Pinn.e.)

v.longa, O'M.I.D.p.345-30f13:

v.Mullensis, Greg.-Kinnord list;

v.prolongata, H. & Perag.-Herib.p.39-4f1; (Pinn. elongata, v.)

v.undulata, H. & Perag.-Herib.p.39-4f2; (Pinn. elongata, v.)

DIVERGENTISSIMA, Grun.-Cl. & M.No.136: Cl.1381p.5; V.H.S.pl.6f32;
DeT.S.p.193;

DIVERSA, Grev.-Trans.Bot.Soc.Edino.1331p.579-15f14; DeT.S.p.79:
(Dipl.Weissflogii; -Donkinia;)

DOCZYII, Pant.2, p.45-14f247; DeT.S.p.9I:- (Dipl.Smithii.)

DOLGENSIS, Pant.Ip.24-24f219; DeT.S.p.123: *Cl. Nav 2p.51:*

DOMBLITTENSIS, Grun.1332p. -30f60: (Diploneis.)--

DONKINIA, O'M.I.D.p.393-33f20; V.H.T.No.103: (N.misc.)--

DONKINII, Carruthers p.103: (N.truncata.)--

DONKINII, A.Schm.N.D.p. -1f12; 2f6; Fortm.Cey.p.27; Atlas 12f10;
Vega p.471; Wolle 15f17: (Dipl.constricta; -N.Archeliana.)-

var., A.S., Atlas pl.12f63;

DUBIA, E.-Amer.p.130p.1.2-3f3; M.T.P.5-2f4; 51-3f32; W.S.1.95-23f6f;
K.S.A.p.7I; R.S.D.p.40-6f60; Prit.p.902; Carr.p.105; Schm.H.T.p.70;
M.S.1356p. -1f8; Schm.1334p.21-2f65; S.S.D.2.1.106; R.S.D.1.213; Dann
B.D.1.30-5f5; Atlas 49fII, 24; Lake Michigan; O'M.I.D.p.337-31f23; Cl.
1391p.9; Wolle pls.10f27; 17f22; Herib.p.114;

(Neidium; -N.iridis, v.; -N.Peisonis, v.)--

DUPLEX, Pant.3p. -42f579: (N.quadriseiata.)--

DUBRAVICENSIS, Pant.3p. -19f23I:

DUPPLICATA, E.-Amer.p.143, pl.2-6f24; M.T.P.1.21f35; W.S.1.100-23f73; W.

Elegans, W.Sm. —

“ var. *cuspidata*, Cl. Har. 2 p. 68.

- S.A.p.83; R.S.D.p.40-5f4; Prit.p.893; R.E.D.p.223; Wolle pl.23f3;
Det.Syll.p.32;
DURRANDII, Kitton.-J.Q.C.1836p.297; J.R.M.S.1835p.1042; Malaisie;
Atlas pl.129f1,1a: *Cl. Har. 2p. 65*;
" v. intermedia, A.S., Atlas 129f3; Malaisie: *Cl. Har. 2p. 65*-(N. briliata, v.)-
" v. rhomboides, A.S., Atlas 129f4: *Cl. Har. 2p. 65* (N. briliata, var.)
DUX, E.-Ralfs, Prit.p.903; Det.S.p.136; (Pinn.)-
EGENA, A.S., Atlas 130f42,43; (Caloneis.)----
EGERIA- Pant.3p. -42f573; -(Mast. 5-cost.)
EGYPTIACA, Grev.-T.M.S.1866p.127-12f16,17; Det.Syll.p.174;
Malaisie: (Caloneis.)
EHRENBERGII, K.B.p.92-3f33; K.S.A.p.71; Prit.p.906; Neup.Asatag p.
190-1f23; R.E.D.p.175; Nylander, W.; Brun Alp.p.80-3f23;
(N. lanceolata, E. Inf.; -N. cryptocephala & viridula.)----
ELATA, Forth.Cey.p.27-3f33; Det.S.p.151; -(Mast. 5-cost.)
ELEGANS, S.B.D.1.49-13f137; Breb.D.C.p. : Grun.1360p.534-2f37; Prit.
p.907; Carr.p.107; Heib.p.35; Hall; Roper, Thames; Donk.4.D.1.28-411;
R.E.D.p.132; 410, 41, Baltic; O'M.I.D.p.363-3f119; Lagr.1373p.46; Wolle
pls.9f22; 24f9; Sm.Sp.T.270; Dannf.p.27; M.T.P.3-3-10; Malaisie; Cl.
139Ip.32; Det.Syll.p.146; *Cl. Har. 2p. 68*;
> (Caloneis amphisbaena, v. Fenzlii: -N. Fenzlii, p.p.)-
ELEGANTULA, Grun.1360p.522-1f29; R.E.D.p.208; Det.S.p.90;
ELESDIANA, Pant.1.24-17f152; 2,1.45; Det.S.p.72: -(Dipl. splendens, v.)-
ELGINENSIS, E.-Ralfs, Prit.p.902; Cl.1330p.35; Wolle 20f22;
Det.S.p.57: *Cl. Har. 2p. 68* (N. discipha; -Pinn.)----
ELLIPSIS, W.S.-Hull list;
ELLIPTICA, S.B.D.1p.48-17f152; O'M.I.D.p.391-33f2;
(N. lyra, var., & Smithii.)
" var. "a" sporangialis, S.B.D.1.43-17f152a; Front.; -(Diploneis E.)---
ELLIPTICA, E.-Abh.Ber.1844p.204; K.B.p.93-30f55; K.S.A.p.80; S.B.D.2,
p.92; Prit.p.899; Carr.p.108; Heib.p.31; Grun.1360p.531; 1363p.13;
1376p.17; R.Alp.E.Nos.502,735 sub; Neup.Asat.p.192-2f47; R.E.D.1.170;
Cl.1337p.665; 1338p.226; Cl.& M.No.137; 133Ip.9; Vega p.491; Donk.B.
D.p.7-1f6; Schum.H.1.1.69; 1334p.21; New Zealand; Roper, Thames; Hall;
Nylander, W.; Eiben, 1371; O'M.I.D.p.334-32f21; Lanzi, Tor.; Lagr.1373p.
27; 1376p.33; Atlas 7f29-32,23,24,54,55; Brun Alp.p.77-3f13; Sm.Sp.T.
271; M.T.P.3-3-3; Dannf.p.30; Tanaka 1379p.34,1156; Gallia, Papan; V.
H.S.p.92-10f10; Deby Polder p.17; Strose, Kleink.; V.H.T.No.107; Det.
Syll.p.39; Atlantic City; Delogne; Bellec, Lichonp.43f13; Pet., 1333;
Lake Michigan; Perag.p.59; Wolle 14f13,19; Herib.p.104; *Cl. Har. 2p. 68*;
(Cocconeis Fimica & striata; -Diploneis; -N. ovalis, W.S., & formula; -
Pinnularia cocconeoides.)--- *Pettit, Cocconeis*
" var., A.S., Atlas 7f27,23; " var. "b", S.B.D.2p.92;
" v. cocconeoides, Rabh.E.D.1.130; Det.S.p.90; (N. & Pinn. d.)--
" v. costata, O'M.I.D.p.335;
" v. Davidsoni, O'M.I.D.p.335;
" v. disciformis, R.-Det.Syll.p.90; (Pinn. d.)
" v. extenta, Perag.p.59; R.E.D.p.130; Herib.p.105;

+ Eutomon, Petit Cap Horn:

+ Ergadensis, Petit Cap Horn:

Esociulus, forma elongata, atlas 47 f 35, 37:

Esone
var. *floridula*, Gr. - cl. & m. #44: atlas 44 f 8: - (Pinn. leg., r. Fl.)

+ excapata, Gr. - (vide *N. lyra*, vars.) - Jan. Gaz. pl. 15 f 22:

-
- v.fossilis, Pant.3p. -2f32; (Diploneis Smithii.)
  - v.grandis, Grun.1882p.145: (Dipl.ellipt.v.gr.)--
  - v.major, H.& Per.-Herib.p.105;
  - v.Minor, Rabh.E.D.p.180; Grun. 1882p. : Det.Syll.p.90:
(Diploneia e.; -N.parmula.)--
  - v.minutissima, Grun.-V.H.S.p.92-10f11; Lake Michigan; Det.Syll.p.
90; Malaisie: Herib.p.105; -(Diploneis puella; -N. puella Schm.)
  - v.oblongella, Naeg.-V.H.S.p.92-10f12; T.No.103; Det.Syll.p.90:
Herib.p.105; (Nav. ob.)----
  - v.ovalis, Hilse.-O'M.I.D.p.385-32f22; (Nav.ov.)---
  - v.parmula, Perag.p.59: (Nav.p.; -N.elliptica,v.minor.)-
  - v.parva, O'M.I.D.p.386:
  - v.puella, Schm., Det.S.p.90: -(N.puella,p.p.; -Diploneis p.)----
  - ELONGATA, E.-Mik.1853p.77: -(Gyrosigma; -N.diagonalis; -Pl.ang. flatm.)----
  - ELONGATA, Grun.-A.Schm.N.D.p. -2f42; Petit, Nimrod: Fortm.Cey.p.27; Cl.
Vega p.511; Wille 9f37; Det.S.p.139; Malaisie; *Atlas 3f22-25*
  - ELONGATULA, Pant.2f.45-3f40; Det.S.p.171: - (Caloneis.)-
  - EMARGINATA, E.-Abh.Ber. *1877* p.460; 139-3f33; Prit.p.393; R.E.C.p.228:
Det.S.p.181:
  - ENTOMON, E., Kreid.1840p.75: Amer.pl.1-1f3,4; K.B.p.100-23f74; K.S.A.p.
83; Prit.p.393; Donk.B.D.p.49-7f5; Schm.N.D.p. -1f13,14; O'M.I.D.p.
401; Atlas 13f43-45,48,49; Lagr.1873p.38; M.T.P.3-3-5; Pet.Cat.p.20:
Cl.1873p.4: Atlantic City; Wille pls.126; 63f1; Villef.p.82; Det.
Syll.p.81: Malaisie: (Diploneis; -N.divergens & splendida; -Pinn.)--
  - vars., Castr.1837p.28-20f10,17:
  - EPSILON, Cl., LeD.No.13f.12-1f3; *CC. Nav. 2p. 42*
  - ERGADENSIS, Ralfs, Prit.p.907: O'M.I.D.p.409-34f10; (Cancellata,v.1819)
  - EROSA, Cl.Vega p.463-33f23; Det.Syll.p.53; *(1873-5-27)*
  - ERYTHROEA, Grun.1850p.539-3f17; Fortm.Cey.p.27; Atlas 3f22: (N.Clauder.)18
  - ESOCULUS, Schm.1852p.139-9f13; 1357p. -2f51; R.E.C.p.190:
Atlas 47f35,37; Det.S.p.155;
  - ESOX, K.B.p.94-8f53; K.S.A.p.73; Prit.p.395-12f43; Pet.Cat.p.12; Nonp.
Asat.p.195-3f54; O'M.I.D.p.31f23; Sm.Sp.1.272; A.S.M.1851p.136; Det.
Syll.p.164; Wille 23f14; Melio.p.31-414; (Pinn.)-
  - EUDOXIA, O'M.I.D.p.397-33f19; Atlas 3f29,10; Fortm.Cey.p.27; Villef.p.
51; Vega pp.472,511; Wille pl.1413; Det.S.p.173; Malaisie:
(Dipl,contigua,var.)----
  - var., A.S., Atlas 70f71:
  - ETA, Cleve.-LeD.No.13p.13-1f5; *CC. Nav. 2p. 42*
  - EUGENIAL, *(1872)* O'M.I.D.p.395-33f13; Atlas 3f14,15; N.L.W.D.p.7-7f13;
Fortm.Cey.p.27; Wille 10f10; Det.S.p.173: -(Caloneis; -Cl.1.contigua,v)
  - EURYALE, E.-Mik.p.355; Prit.p.911: Det.S.p.139:
  - EURYCEPHALE, Rabh.S.D.p.40-3f70; Prit.p.901; R.E.C.p.199:
Det.S.p.151;
  - EURYSOMA, E., Kreid.1833p.130-4f10n; Mik.pl.3-1f33; K.B.p.103-21f17; K.
S.A.p.37: Prit.p.911: Det.S.p.135: (Cocconeis; -Stauroneis.)-
  - EXCAVATA, Grev.-T.M.S.1836p.130-12f15; Atlas 3f22-25; Fortm.Cey.p.27:
Villef.p.49; Br.& T.p.72; Wille 14f13,27; Pant.2f.45; Det.S.p.136:
  - v.Angelorum, Brin & Timp.1.72: *(1872-1-1)* (Nav.Ang.)----

Excerpta

at 1270, page 3:

Sierrita, Gu. Atlas 21217

Sierrita Cl. Gu. Cl. No 2 p. 28: (Sierrita 3)
Pestup 1947, 321

- EXCENTRICA, Grun. I360p.545-IfI; R.E.D.p.130; Atlas 50f3,7; Wollf. I3f2:
(N.Bleischiana & maxima; -N.(= Caloneis) liber, var. ex.)
- EXEMPTA, A.Schm.N.D.p. 2f5; Atlas II f23,29; 69f13,40; Cl.I373p.3;
Fortm.Cey.p.23; Villerf.p.53; Wollf. I3f4; C.A.Syll.p.34; Malaisie;
(Diploneis e.)
- EXIGUA, Greg., V.H.S.pl.3f2; Amazon; (N.gastrum; -Pinn.)
- EXIGUA, Pant.3p7.---3f45:
- EXILIS, Grun.-V.H.S.p.I0I-I2fII, I2; T.No. I23:-(N.appendiculata, v.)---
K.B.p.95-4f6; K.S.A.p.75; R.S.D.p.39-3f34; Prit.p.90f: Grun. I360p.
553-2f30; Hoffmann, Marburg; Schm. I367p.53-2f3f; O.M.I.D.p.407-54f2;
Spaner, Ocher; Dannf.p.27; Petit liste p.20; Delise, Lichon; Wollf. I3f
40; Lake Michigan; Det.S.p.I42: (Achnanthisium microcephalum:-
N.Falaisensis, lanceolata, cryptoccephala, var., & leptoccephala)---
Herib.p.IIO:
- EXILISSIMA, Grun.-V.H.S.p.I03-I4f30; T.No. I4f; *Cl. Nav. 2 p. 2 f. 1*;
EXILLIMA, Grun. I363p.9: (N.microcephala.)--
- EXPEDITA, A.S., Atlas 69f6; Malaisie; Det.S.p.85: *Petit Cap. Hanc.*
- EXPLETA, O'M.I.D.p.394-33f9; Atlas 69f7,8; Det.S.p.I03:
(Dipl. crabro, v.; -N. notabilis, v.)--
- EXTENSA, Ralfs, Prit.p.903: (N. decussata.)-
- EXSUL, A.S., Atlas 2fI3; Vega p.493; Wollf. I3f5; Det.S.p.I0I: *Cl. Nav. 2 p. 2 f. 1*
- FABA, K.S.A.p.82; R.S.D.p.40; Prit.p.392; R.E.D.p.202:
Det.Syll.p.3I: (Dipl.)
- FALAISENSIS, Grun.-V.H.S.p.I03-I4f5; T.No. I4f; Cl.Nares p. ;
Herib.p.I20: Det.S.p.I03: *Cl. Nav. 2 p. 2 f. 1*: (N.exilis, K.)-
v.lanceola, Grun.-V.H.S.pl. I4f6b: *Cl. Nav. 2 p. 2 f. 1*
- FALKLANDIAE, E.-Mik.p.239; Prit.p.9II: Det.S.p.I39:
- FALLAX, Cleve Nav.p.I33-5f27;
- FAMELICA, Castr.-Cyclof. I339p.9; Det.S.p.I79:
N.scopulorum, v. perlonga.)----
- FASCIATA, Lagr. I373p.34-2fII; Hedw. I374p. II9: V.H.S.pl. I2f34;
Malaisie; Cl.Vega p.49I: Det.S.p.II7: (Caloneis.)
- FASCICULATA, Grun.-Cl. & M.No. I73; -(N.scopulorum, v.)-
- FEBIGERI, Cl.-N.L.K.D.p.9-2f2I; Wollf. II f3; Det.Syll.p.I24: *Cl. Nav. 2 p. 2 f. 1*
(Achnanthes Danica; -N. Neumayeri, Pant.)-
- FENZLII, Grun. ~~I360p.534-2f37~~, I363p. I53; R.E.D.p. I32; Dannf.p.23;
(Caloneis; -N. amphisbaena, v., & elegans.)-
- FILHOLII, Soubeiran., Sulfur.p.63-IfIO: Det.S.p. I30:
- FILIFORMIS, Pant. 2, *L. --- 3f133*;
- FIMBRIATA, Grun.- (Achnanthes heteropsis.)-
- FIRMA, K.B.p.92-2fIO; K.S.A.p.7I: S.B.D. Ip.46-I3fI43; Braemar; A.M.N.
H. I355p.5-IfI; Mull; Prit.p.909: Grun. I360p.542; I334p.47; Lew.W.M.D.
pp.3, IO; N. & R.S.p.7I: Bleisch, I363; Donk. B.D.p.3I-5f7; S.G. I363p.
63f33; Arenig Bach; M.J. I369p.294-I3f3; New Zealand; Amazon; Schm.H.
T.p.47; I364p.2I; Pet. Cat.p.20; Sm. Sp. T.273; M.T.P.3-3-23; Lagr. I373,
p.29: Atlas 49fI3, I43; Cl.Nares p. ; Kinnora; Brun Alp.p.74-7fI: A.
S.M. I387pl.4; Bellec, Lichon; Wollf. I9fIO; Det.S.p. I55: Herib.p. II6:
(Neidium; -Frust. fulva; -N.(= Pinn.) alpestris, lata, var. & dilatata,
Pannonica, tumescens, affinis, var.)

+ fluitans, -

v. *biconvexa*, Bn. - *Lesl.* 2, No. 22 p. 241-22 f 19, 20;

v. *cuneoquadrata*, Bn. - *Lesl.* 2 No. 22 p. 241-22 f 21, 22;

fall. 22 p. 132 No. 6, 36 p. 53.

- var. "a" major, Grun. I330p.544-3fI; Lagr. I373p.29; Strose Kleinen p. 10-If5a; Sur. Jap. p. I3-2fI31, m;
- var. "b" dilatata, Schum. H. 7. p. 75-4f3; Sci. Cos. I337p. I3, fI31; Lewis W. M. D. p. 9; M. T. P. 3-3-25; *Hum. 200 p. 343*; (Nav. d.) --
- var. "c" amphigomphus, S. B. B. p. 90; Sci. Cos. I337p. I3, fI32; *Hum. 200 p. 343*; (N. microstoma & a.) --
- var. "d", Science Goss. I337p. I53, fI53;
- v. affinis, Lewis, W. M. D. p. 9; M. T. P. 3-3-25; (Nav. aff.) --
- v. amphirrhynchus, Lew., W. M. D. p. 9; M. T. P. 3-3-25; (Nav. am.) --
- v. cuneata, Grun. I333p. 545; Lagr. I373p. 29; Strose Kleinen p. 10-If5b; Lew., W. M. D. p. 9; (N. amphig.) ---
- v. dubia, Dickie & Gru. -Amazon;
- v. Hitchcockii, E. -M. T. P. 3-3-27; (Nav. d.) --
- v. latissima, Greg. -Lew., W. M. D. p. 9; M. T. P. 3-4-I; (Nav. l.) --
- v. scolioleptioides, Pet. & Leud.; lists p. 19-IfI; T. M. S. I337p. - I37fI; Petit Class. fI;
- v. subampliata, Grun. -Atlas 49fI9; M. T. P. 3-3-24; (N. sub.) --
- v. subundulata, A. S., Atlas 49fI6; Wille I9f9; Det. S. p. I26;
- v. tropica, Dickie & Gru. -Amazon;
- forma triundulata, Suring. Jap. p. I3-2fI3a-k;
- FISCHERI, A. S., Atlas 3f33; Wille I4fI1; Det. Syll. p. I25; (Nav. Johnsoni, Grev.) ---- (*N. maculata*.)
- FLAMMULA, A. Schum. N. S. p. 90-2f12; Det. S. p. I72; - (Stenonopsis inflata, v.) --
- FLAMMA, A. S., Atlas 4f27, 28; Det. S. p. I73; - (Stenonopsis inflata, v.) --
- FLAMMULA, A. S., Atlas 42f26; Det. Syll. p. I73; - (Stenonopsis inflata, v.) --
- FLAMMICA, Grun. I330p. 527-If9; Cl. I373p. I7; Vega p. 465; Atlas 49fI2; Det. S. p. 41; (N. angustata, v.) ----
- FLATII, Pant. 3p. 2. - 2f133; *Hum. 200 p. 343*; (N. fluminensis, v.) --
- FLOROSA, E., *Beitr. 1331p. 30*; (N. & Flomopsis alternata, v.) --
- FLORICANA, Cl. -N. L. K. C. p. 3-If19; Wille I4fI7; Det. Syll. p. 125; (N. fluminensis? *Pinn. flor.*;) --
- FLOROWII, Grun., V. H. S. p. I09-I4f4I; T. No. I43; Det. Syll. p. I63; Cl. Navic. p. I32; (Diadesmis.) --
- FLUITANS, Br. -Brun I39Ip. 34-I5fI3; *Cl. Nav. 2p. 57*;
- FLUMINENSIS, Grun. I330p. 525-If7; Cl. I330p. 23; Vega p. 463; (Nav. floridana; -Pinn.) -- *Pinn. quadrata, var.*
- v. Kerguelensis, Grun. -Cl. I330p. 23; Vega p. 463; (*P. quad. var.*)
- v. minor, Grun. -Cl. I330p. 23-IfI2; Vega p. 463; - (*P. quad. var.*)
- FOLDERRIA, Grun. -M. T. P. 3-2-IfI; Det. Syll. p. I82;
- FOLIOLA, Br. -Brun & T. p. 45-7f5; Det. S. p. I22; Cl. Nav. p. I34;
- FOLIUM, E., Kreid. I340p. 76; Det. S. p. I90; (Pinn.) --
- FOLLIS, E. -Inf. p. I79; Mik. pls. 5-3f6; I3-IfI4a-c; I5-2fI2; I7-IfI5; I7-2fI2; Conk. B. S. p. 11-3f13; K. L. K. C. p. 3-If19; Det. Syll. p. 125; Schum. I339p. 35-2f9; Hull: Kinnora; (Biblarium: -N. crux; -N. & Frust. inflata: *Anomoloneis*;) --
- FONICOLA, Grun., V. H. S. p. I1-IfI3; Det. S. p. I97; (Stenonopsis inflata, v.) --
- FONICULARIS, Grun. -V. H. S. p. I03-I2f13; Det. S. p. I97; (Stenonopsis inflata, v.) --
- (*Cal. fasciata*; -Nav. bacillaris, *X*;) --

Foveipata,

" var. punctata, Cl. Nav. 2p, 66:

" " vesicularis, - Nav. 194; - Nav. Rosignoli, & N. seductilis, var., Pl.]

" " nummularia, Gr. - Cl. Nav. 2p, 66: (var. numoides.)

" " densestriata, Ad. - Cl. Nav. 2p, 66: -

" " pygmaea, Gr. - Cl. Nav. 2p, 66: - (N. pygmaea, var. hirsuta.)

Tormentaria Cl. 1p. 10-2f24: Atlas 46f¹⁰7. Cl. Nav. 2p 32-1f33:

Dr. T. Syll. p. 19: -

(N. mediterranea?)

+ fortis Gr. - Cl. Nav. p. 21:

+ frumentaria, Cl. 1p. 10-2f24:

+ frumentaria, Cl. 1p. 10-2f24:

- FORCIPATA, Grev., M.J. 1359p.35-3f10, II: Prit. p.397: Carr. p.107: Donk. B. D.p.12-2f4; Cl. 1333p.223; Vega p.51f; Grun. 1333p.13; R.E.D.p.173: A. Schm.N.D.p. -1f45; 2f13, 13; Atlas 70f17; ~~Alger, Baltic; Lagr. 1373p. 39; V.H.S.p.94-10f3; Perag.p.59; Villef.p.50; Atlantic City; Malaisie~~ Shark River; Wolle 1311b, 29; Del.Syll. p.197: ~~Cl. Nav. 2p.66: (Nav.s.)--~~
- > " var., A.S., Atlas 70f34;
- > " v.densistriata, A.S., Atlas 70f12-13: Villef.p.50; Del.S.p.97: +
- > " v.striata, A.S., Atlas 70f12: Villef.p.50;
- > " v.minor, A.S., Atlas 70f32; Del.S.p.97: (= var. densistriata.)
- > " v.tanquerensis, Grun. 1333p.100-12, 13; Del.S.p.173:
- > " v. ~~suborbicularis~~, A.S., Atlas 70f32, 31; Del.S.p.97: ~~(Nav.s.)--~~
- > " v.suborbicularis, Em.V.H.S.pl.10f5; Cl. Nav. 2p.66: (Nav.s.)--
- > " v.versicolor, Grun.-Atlas 70f13-22; Schm.N.D.p. -2f17; V.H.S.pl. 10f3; Villef.p.50; Brun & T.p.73; Del.S.p.97: Cl. Nav. 2p.66:
- > " NAVICULA, O'M.I.D.p.397-35f13: Atlas 3f3: (Pinn.)--
- > " NAVICA, E., Amer.p.130; Mik.pls.4-3f7; 17-2f10; K.B.p.101; K.S.A.p. 35; R.S.D.p.41; Prit.p.394; Nylander, W.: Deby, D.T.p. : Wolle pl. 24f12; Del.S.p.132; *Phodusa*
- > " NAVICULA, Grun.-Cl. 1373p.6-1f3; J.M. 1373p.510-44f3; Del.S.p.79: Atlas 136f38-41; 2/2 f8: (Caloneis.)--
- > " NAVOSA, Greg.-T.M.S. 1356p.42-5f3; Prit.p.909: Carr. p.106; R.E.D.p. 133; Sm.Sp.T.274; M.T.P.3-3-13; Atlas 50f12-14; Lagr. 1370p.44; Grun. 1373p.17; V.H.S.p.102-II f2; T.No. 133 sub; Cl. 1333p.9; Vega p.505; 1391p.35; Malaisie; Wolle 19f2, II; Villef. p.46; Del.Syll. p.142; (Caloneis; -N.Liburnica.)----- *Petit, Cap Horn.*
- > " var., M.T.P.3-3-14; Atlas 50f8-11:
- > " v.fossilis, Pant. 2p.45-20f310; Del.S.p.143: -(Cal.liber, v.excentr.)--
- > " v. holmiensis, Cl. 1391p.35: (Cal.for.var.H.)----
- > " NAVIS, Greg., Prit.p.905; Donk.B.D.p.57-3f3; Guinard p.34; O'M.I.D.p. 411: Atlas 46f12-22, 37-39; Pet.Cat.p.22; Grun. 1333p.100: Lanzi, 1373 p.6; Cl. 1373p.17; Vega p.470; Grevillea Vol.Ip.79: Fortm.Cey. p.23; Lagr. 1373p.35; Del.S.p.173: (Cal.liber, v.excentr.)-----
- > " v.olina, Grun. 1333p.100-12, 13: Grevillea Vol.Ip.79-5f14a, b; - (Cal.liber, v.excentr.)-----
- > " NAVICULA, Fortm.Cey.p.23-3f27: Del.S.p.139: -(Cal.liber, v.genuina.)---
- > " NAVIS, E., Mik.pl.10-1f3; Prit.p.909: M.J. 1332p.131; R.E.D.p.223: (N.Louisiana; -N.Thomsonia, 31, 32, 33, 34;)-----
- > " NAVIS, Heiberg p.34: (Berkeleya.)--
- > " NAVISCAL, O'M.I.D.p.339-32f30; Del.S.p.103:
- > " NAVIS, Rao. 1311p.11-30, 1001; 1311p.11-30, 1001;
- > " NAVICULA, A.Schm.N.D.p. -3f13a; Atlas 70f30; Del.S.p.133; Cl. Nav. 2p.66:
- > " NAVICULA, Grun.-M.M.J. 1377p.179: Cl. Nav. p.103: (Amphileura s.)
- > " NAVIS, Grun. 1334p.51-1f25; Cl. 1330p.39; Del.S.p.133; (Nav.Kariana, v.minor.)--
- > " NAVIS, Pant. 2p.45-10f170: (N.latissima, v.)----
- > " NAVIS, E., Beitrag 1331p.34; Inf.p.177-13f3; Amer.pls.3-1f9; 3-2f1; 3-1f1; Mik.pls.1-3f13; 4-2f10; 7-1f3, 7; 7-2f3, 7; 7-3a, f13; 3-3f1; 9-1f17; 13-1f12; 10-2f10; 34-12a, f5; 39-3f34; Abh.Ber. 1332p.

Lucania, pinnatifida - Em 7-156:

frutiformis, E. Abh. B. 1829 p. 17:

Gammarus
" V. setilimeatus Coch. 2p. 45: Lea D. no. 13 p. 12-14:

+ gastrium, Q. et H. Mar. D. p. 48 no. 1897 p. 314:

- 33-If11; 18711.1.(B)f33; R.S.G.p.37-3f32; Weissz 1330, 1339-3f123; Cl.
p.307-2f53; Donk.B.G.p.41-3f9; O'M.I.D.p.353-3f12; Vinnora; Proclitus,
p.59; Siamer, Duren; Del.S.p.137; Hoffmann, Malour;
(Bacillaria Phoenicenteron; -Cymbella f. & minor; -Frustulia anceps,
depressa, f., major & parvula; -N.cuspidata; -Pinnularia; -Pleurosiph-
onia; -Stauroneis bilostriis.)-
- FUSCA, Greg.-Ralfs, Prit.p.393; Grun.1333p.150; Carr.1.103; Donk.B.G.
p.7-1f5; R.E.D.p.179; Flogel, Baltic; Pet.Cat.p.25; Atlas 7f2-4, 7-9;
3f33-37; O'M.I.D.p.333-32f17; Cl.1373p.15; Vega p.472; Lagr.1373p.33;
Deby Pold.p.17; Wolle 12f25; Pant.2p.45; Del.Syll.p.37; Villef.p.50;
V.H.S.p.91-B, f24; T.No.105; Brun & T.p.72; *Petal. Cap. thorn* (Diloneis
borealis & f.; -N.Smithii, v., & hyperborea; -Pinn.quadrifasciata.)--
- " vars., A.S., Atlas 3f51; Villef.p.51; Malaisie:
" v.delicata, A.Schm.N.D.p.87-1f23; Atlas 7f1; Malaisie:-(Dipl.f.v.del
" v.delicatula, Perag.Villef.p.50; Del.S.p.37:
" v.excisa, A.Schm.N.D.p.87-2f9; Del.S.p.37:-(Dipl.hyperborea v.exc.)--
" v.fusca, Deloni, Syll.p.37:
" v.1373p.15; 1373p.33:-(Dipl.1373p.15, v.1373p.33)---
FUSCATA, Schum.1337p.57-2f43; O'M.I.D.p.373-32f4; Dannf.p.29;
(Caloneis (& Nav.) amphisbaena, v.: -N.humerosa, v.)
- FUSIDIUM, E.-Amer.p.130; Mik.11s.5-3f4; 7-1f16; K.B.p.93; R.S.G.p.11:
Prit.p.901; R.E.D.p.224; Wolle 23f10; Del.S.p.134;
FUSIFORMIS, Grun.-M.M.O.1377p.97-12f11; Del.Syll.p.123; Cl.1373p.15;
(Amphipleura Danica & Frauenfeldii; -Berk.fusidium; -Tropidoneis.)
- " v.ostrearia, Gaillon.-Grun., M.M.O.1377p./75-195f12; Cl. & M.No.143;
V.H.S.pl.14f33; A.J.M.1879p.102; Cl.Nav.p.106:
(Nav.ost.; -A'pleura.Danica; Vibrio ostrearius.)--
- FUSIOIDES, Grun.-Cl.1380p.46; Del.S.p.164; Cl.Nav.p.133:-(N.subala, Gr.)
- FUSUS, E.-Del.Syll.p.191:-(Pinn.)--
- FUTILIS, A.S., Atlas 13f17, 18; 39f36; Forcm.Cey.p.23; Cl.Vega pp.495,
505; Malaisie; Wolle 17f3; Del.S.p.35: (N.vana.)
- GAILLONII, Bory Encyclop.1324; Diet.Vol.24f4; (Synedra.)--
- GALEA, Br.-Brun 1391p.34-13f7; *Cl. 1373p.34*:
GALLICA, W.S.-Lagr.1373p.33; V.H.S.pl.14f39; T.No.147;
Del.S.p.138: (Diauesmis.)---
GALLII, Pant.2p.45-1f19; Del.S.p.13: *1373p.34*:
GALLAPAGENSIS, Cl., N.L.K.O.p.14-3f30; Del.S.p.131:-(N.fenestri, v.):-(N.)
" v.japonica, A.S., Atlas 130f16; (Caloneis Gallap.var.jap.)---
GALVAGENSIS, O'M.I.D.p.410-34f12; Del.S.p.52;
GALLA, Clave.-Lac.No.101.12-11f2; *1373p.34*:
GALLICANA, Ralfs, Prit.p.904; R.E.D.p.187; Del.S.p.130: (Pinn.)
GARKEANA, Grun.-Cl.Nav.p.155: (Rhoiconeis.)
- GASTROIDES, Grun.-M.M.O.1330p.39-4f17; S.1373p.12: 1111:-(Dip.1111:)-
GASTRUM, E.-K.B.p.94-23f56; K.S.A.p.74; Prit.p.900; Donk.B.G.p.22-3f10;
B.J.N.H.1862p.333-f34; Lew.W.M.D.p.11-2f17; O'M.I.D.p.415-34f23; V.
H.S.p.37-8f25; Cl.1330p.31; Vega p.465; 1391p.31; Wolle 10f2;
Lake Michigan; Del.S.p.13; Pant.2p.45-1f19; 1111p.11; *1373p.34*:
(N.varians; -Pinn.g. & Kefvingensis: *N. exiguu, ppr; N. Hoffmanni*)

forma ... 1892 p. 30 f 51: - (N. placenter.) VHS. 8 f 27:

2 var. anglica, Cl. 1880 p. 34:

+ v. ~~juncea~~ sis, Cl. Nav. 2p. 23: - (N. Basilica.) Oestrup 1897 p. 319:

+ v. ~~figura~~ figura - (P. ...) - 4. gastrum var. ...

+ gelida, cl. -

" v. subimpresca, Gn. - Cl. Nav. 2p. 29: - (Nav. subimp.) -

" v. tenuis, Cl. Nav. 2p. 29: - (P. subimp. var. ...)

+ gibba Volsta p. 423: (of Donk., = P. tauroptera: -
Bleich, in Rath. Alg. ... = forma curta = (P. gibba.)

.....

forma elliptica, H. & Perag.-Herib.p.102:

v.Boryana, Pant.2p.46: Del.Syll.p.54: *Cl. Nav. 2 p. 23:*

v. eximiae, Gru.-Cl.1830p.31; Del.S.p.54: *Cl. Nav. 2 p. 23:* (H. & Perag. 1830)

v.Jennisseysensis, Gru.-Cl.1830p.31-If23; Vega p.465; Del.S.p.54: *+*

v.latiuscula, Gru.-Cl.1830p.31; Del.S.p.54: *Cl. Nav. 2 p. 23: Stone pl. 15/10.*

v.placentula, H.V.H.S.p.37-3f23, 23; Del.S.p.54: *(Hav. 1)*

v.Styriaca, Gru.1832p.144-30f30, 31; 1834p.46-If35; Del.S.p.54;

(N.punctata, v.asymetrica & N.amphibola.)----

GELIDA, Cl.-Gru.1834p.51-If27, 28; Cl.Vega p.473-3/f42; *(N. Kuriana, v. curia)*

Del.S.p.125: *Cl. Nav. 2 p. 27: Stone pl. 15/10.* (H. & Perag. 1830)

GEMINA, E.-Mch.Ber.1840p.19: K.B.p.100: V.S.A.p.33; Prit.p.394; R.E.D.

p.205; Schm.N.2.p.11-111; 211; 1870p.42-612; Atlas 1830p.1111;

Cey Folder p.10; Sch.N.1830p.1111, 10; 1111; V.1111p.11;

(Diploneis; -N.bombus; -Pinn.)-

v.densistrata, A.S., Atlas 1811, 12; Gru.1830p.1111-1111; (H. & Perag. 1830)

~~v. densistrata, A.S., Atlas 1811, 12; Gru.1830p.1111-1111; (H. & Perag. 1830)~~

GEMINATA, Turpin Mem.Museum Vol.10p.303-13f2;

Prit.p.394; (Frustulia.)

GEMMA, E.-Kreid.1840p.73-4f5; (Succinea.)

GEMMATA, ^{Sw.} Linnb.New Phil.Jour.1859p.30-4f7; Prit.p.394; R.E.D.p.220;

Cl.1873p.4; Fortm.Cey.p.23; J.Q.C.1835p.103; 1836p.322: Del.S.11.

p.69: *Petit, Cap. Horn:* (Diploneis.)

v.issriata, Gru.1830p.100-1a, f16; Grevillea Vol.11.91-3f1; Del.

Syll.p.69: *(Nav. 4 Dipl.gem.)--*

v.fossilis, Pant.1p.25-20f131; Del.S.p.69: (Dipl.g., var.f.)

v.Mediterranea, A.S., Atlas 3f42: Pet.Cat.1.25; Villef.p.51;

Del.S.p.69: (Dipl.M.)-

v.spectabilis, A.S., Atlas 3f33; Fortm.Cey.p.23; Pet.Cat.1.25; wolle,

10f46; Villef.p.41; Malaisie; Del.S.p.69:-(

(Diploneis g.: -Nav.Grunowii & s.)

GEMMATULA, Gru.-Atlas 1819-21; Fortm.Cey.p.23; Cl.Vega p.505;

Del.S.p.85: *Petit, Cap. Horn:* (Dipl.g. & splendida.)---

v. var., Cl.1873p.3: J.Q.C.1835p.107-111;

GEMMERA, A.S., Atlas 2f6; Del.S.p.101: *Cl. Nav. 2 p. 61:*

GENTILIS, Donk.B.D.p.39-1211; Dam.1p.23; V.A.1p.30; Del.S.11.

Herib.p.31: *(Pann.; -Atlas 42 f 1:* (N.major, v.crassa.)---

GENUFLEXA, K.B.p.101-2f6; K.S.A.1.35; Prit.p.910; R.E.D.1.226;

(Rhoiconeis.)- *Cl. Nav. 2 p. 25:*

GIBBA, E.-Beitrag 1830p.64; Inf.p.184-13f19:-(Eunotia nouosa; -

Epithemia p. & ventricosa):-----K.B.1.33-34f72; V.A.1.33; R.E.D.

Pls.1-31a, b; 9-1021; 10-212; 10-1111; 12(A)111; Mass.Alg.1.411-1022

4: Prit.p.393; Gru.1830p.317; 1830p.11; Arschig Bach; Schm.1834p.211

1867p. -2f54; Donk.B.D.p.70-1215; Cl.1833p.224; 1831p.5; Amazon;

Nylandt, W.: Lake Michigan; Atlas 48f45-51; Petit, 1835; liste p.21:

M.1.P.3-3-17; - - - - - Vinnora; Belle, Luchon; 1.3.

C.1837p.72-66f11; Malaisie; Dam.1p.23; wolle Fortm.11; Atlas 1830

p.92: (N. densistrata & stenogaster; -Pann.1830p.1111-1111)

+ gigas, Tolsta p. 423:

sepioides, (L. f. 9, 16)

" septentrionalis, Ch. Nav. 2p. 41. Atlas 6 f 37:

Oestrup 1897 p. 321:

Gamphonemacae - (Anomoeoneis exilis, v. gam.)

Gracillima, re. tm. no. 103: atlas 45 f 62; - (Pum. gracill. v. angusta.)

- (Gracillima - Gr. Nav. 2 p. 48: - (Gr. polycticta: N. Baileyana.)
" Gr. os. icha, U.S. Atlas of 15. 16; - (Gr. os. icha.)

906: Weisse I360p.359-3f31; I361p.360-4f2; Nylander, w.: Nepht.
Asatag p.I92-2f46; Brugger p.237: Grun.I360p.526-2f27; Schum. u. T. p.
39; I362p.52-5f42; R. u. S. p.11; Cl.I367p.663; I368p.664; I369p.665;
K. & Z. p.13-If17: Gallik, Papen; Eiben, I371: Prollius p.62; O'M.I.O.p.
406-34f4; Sm.S. p.1.277; Dannf. p.23; Atlantic City;
Pet.N.136; I366 p.13; V. I. S. p.35-3f17; T. No. 94; Perag. p.53; Def. S.
Spaner, Duren; Lake Michigan; Belle, Lichen; Wille 10f22, 23; Def. S.
p.40; Herib. p.99: *Cl. Nav. 2p.17*
(Bacillaria palea & Phoenicenteron: -Cymbella hopkirkii & hyalina; -
Frust. avenacea, conspurans, multifasciata, oblonga & palea; -N. lan-
ceolata; -Pinn.; -Pleurrosiphonia.)--
v. laevis, K.-R.E.D. p.171: Brun. Al. p.65; Def. S. p.41: (Nav. l.)--
v. schizom. Br. V. I. S. p.35-3f17; T. No. 94; Perag. p.53; Def. S. p.41;
(Schizom. & Pinn. l.)--
v. VanHeurckii, Herib. p.99:
GRACILLIMA, Grun.-Grun. I369p.521: Prit. p.90; R. u. S. p.11; T. No. 94;
I99: Arenig Bach: Schum. u. T. p.70-4f49; O'M.I.O. p.356-30f43; Brun.
Al. p.73-7f58; Nylander, w.: Kinnor; Arcton: Pinn. p.66; Cl. I367p.
33; Herib. p.37: (Pinn. g., Hilseana, linearis, tenuis.)--
var., A.S., Atlas 45f 62, 63; V.H.S. pl. 3f24:
v. linearis, Greg.-Rabh. E.D. p.200: (Pinn. l.)---
v. subcapitata, Greg.-Rabh. E.D. p.200: (Pinn. s.)--
v. tenuis, Greg.-Rabh. E.D. p.200: (Pinn. t.)--
GRACILII, Grun.-Atlas 7f5, 6; 3f35-37; Petit Cat. p.24; P. Min. 136;
Cl. Vega pp.405, 511; Def. S. p.94: (Diploneis.)--
GRACILATA, E. -Rabh. Her. I369p.521: (Diploneis.)--
GRACILATA, Def. S. p.94: I363p.17-3f11; Prit. p.90; Gallik. p.39; I364p.
39; I365p.17-3f11; Carr. p.105; Herib. p.105; Cl. I367p.663; T.
E.D. p.201; O'M.I.O. p.377-32f2; I368p.664; I369p.665; T.
T. 273: Ganzl, I370p.3; V. I. S. p.35-3f17; Schum. u. T. p.70-4f49;
Syll. p.127; Malaisia; Wille 10f14; Pant. 2p.43;
var. "a" imbricata, Carr. p.105:
var. "g" latissima, Carruth. p.105: (Nav. l.)--
var. "a" humerosa, Carruthers p.105: (Nav. h.)--
v. Javanica, Fortm.-Ann. Bot. Brit. I392p.17-2f2;
GRANDIS, Grun. I332p.145:-(Diploneis elliptica, var.)---
GRANUM, Schum. I367p.53-3f36:-(N. clavata, v. linearis.)---
GRANUM-AVENAE, Schum. I367p.53-3f36; Def. S. p.139: (N. clavata.)--
GRATA, Pant. 2p.43-1f21; Def. Syll. p.130: *Cl. Nav. 2p.68*
GRACARIA, Dokk.-M. S. I361p.10-1f10; T. No. 94; Perag. p.53; Def. S. p.43; Herib. p.
102; Cl. Nav. p.103:-(N. clavata, v. linearis, v. humerosa.)--
v. Thirholmensis, Dannf.-Cl. Nav. p.109:-(N. T., & laevis of Pant.)--
GREGORIANA, Grev.-M. S. I357p.10-3f17: (N. clavata & linearis.)--
GREGORII, R.-Ralfs, Prit. p.901: Schum. M. S. p.70-2f22; *Atlas 46f 64-67*
(N. clavata, v. linearis, v. humerosa.)--
GREGORII, O'M.I.O. p.403-33f31; Def. S. p.72: (N. diadema, "g".)---
GRAVILLI, Ag.-Heib. p.33; Cl. I367p.663; Vega p.473; Nav. p.152; Lagerst.
I370p.14:-(Libellula, v. linearis, v. humerosa.)--

> Groovei, Cl. L. & D. vol. 2 p. 15-1 f 14: Nav. 2 p. 45:

+ Groovei, Cl. L. & D. vol. 2 p. 15-1 f 14: Nav. 2 p. 45:
" Var. symmetrica, Cl. Nav. 2 p. 51:

> Guatemalensis, Cl. Gro. - L. & D. vol. 2 no. 19 p. 144-9 f 2:

+ Guttata, Cl. M. Subnos. 154, 155:

" Var. maxima, Cl. Nav. 2 p. 35:

" " Peragalli, Cl. Nav. 2 p. 35: - (Nav. Perag.)

Nationata

" Var. robusta, Cl. Nav. 2 p. 69: - (N. robusta, Pl.)

+ Haueri, Cl. Nav. 2 p. 18:

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GROENLANDICA, Cleve, N.L.W.O.p.7-1f13; Vega 1.455; wolle pl.11f17:

Del.Syll.p.13:

(Pinn. f.)-

GRUNDLERIANA, O'M.I.O.p.366-31f25; Del.S.p.113:

GRUNDLERII, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

C.1330p.323: Cl.Vega p.511; wolle 11f13,9; -(Albionensis-Diploneis.)--

GRUNOWII, Rabh.E.O.p.203; Atlas 70f73; Brin & T.p.73: Malaisie; O'M.

I.O.p.362-31f17; Castr.1337p.23-15f19:

(N.Fenzlii:----

N.spectabilis; -N. & Diploneis gymmata, var.s.)

GRUNDLERIANA, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

GUINAZZIANA, Brin & T.p.73: 1.45-319; Del.S.p.113:

(Cl.1.)---

GURVII, Pant.3p2. -4f53; Cl.760p.111

GUTTULIFERA, Rabh.S.O.p.40-6f74; Prit.p.910; Del.S.p.191:

GUTVINSKI, Pant.3p2. -14f217; -(Pinn.vindob.)-

GUTTAIA, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

H.ALBUM, Cleve Nav. 4p.4f3,9: 2p.55:

HAHNII, Petit Cap Horn p.124-10f11; Notar.1333p.322; Del.S.p.156:

HALIONAIA, Pant.1.25-11f94; Notar.1333p.471; Pant.2.1.10;

Del.S.p.13: Cl.Nav.2p.68:

v.auricula, Pant.2.1.10-11f11; Del.S.p.156: Cl.Nav.2p.68:

v.minor, Pant.2.1.10-26f331; Del.Syll.p.13: Cl.Nav.2p.69:

HALOPHILA, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

HALULIFERA, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

(Cl.1.111.7

v.interrupta, Cleve Nav.p.154-3f19:

HANTKENII, Pant.2p.46-3f150; Del.S.p.74: (Cl.1.Chersonensis.)

HARADAAE, Pant.3p. -6f100; Cl.Nav.p.129:

HARPA, L.-Adh.131.134p.135; Del.S.p.156:

HARPLESIA, Cleve.-Sm.2.1.10-11f11; Del.S.p.156:

Del.Syll.p.13:

(Pinnularia.)

HASIA, Pant.3p2. -5f74; 14f213; Cl.Nav.2p.25:

HAYNALDII, Pant.2p.47-24f331; Del.S.p.334: (Cl.1.splendida, v.)-

HAZII, with 1333p.17-11f9;

(Cl.1.111.7

HAUCHII, Cl., N.L.W.O.p.9-21f7; Cl. & 113.203; Del.Syll.p.113;

(Caloneis liber, v.genuina.)--

HAUCHII, Grun.-Cl.1330p.37; Atlas 45f10; Del.S.p.64; Cl.Nav.2p.34; +

HAZII, Pant.2p.47-24f331; Del.S.p.334: (Cl.1.splendida, v.)-

HAUCHII, Cl., N.L.W.O.p.9-21f7; Cl. & 113.203; Del.Syll.p.113;

O'M.I.O.p.364-31f17; M.T.P.3-2-10; Sm.Sp.1.232:

35; Kinnord; V.H.Type 75; Del.S.p.156:

(N.obtusa.)--

v.bivittata, Rabh.E.O.p.139; Del.S.p.156;

v.lata, Rattr.-Jr.Roy.Soc.Eu.1333p.422-29f1a,b; Del.S.p.156;

HEBERTIA, w.S.-Cat.brit.museum p.20; Carr.p.100; Del.Syll.p.113;

HEERI, Pant.2p.47-11f195; 12f210; Del.S.p.71;

HEMIPTERA, K.B.p.99-30f11; K.S.A.p.73; Prit.p.903; Grun.1330p.519-2f

20: Nylander, w.: Schim.4.1.p.73; Cl.1337p.334; 1333p.223; O'M.I.O.p.

349-30f22; Lagr.1373p.21; Atlas 45f23, 27; M.T.P.3-2-5; Sm.Sp.1.232:

Kinnord; Petit & Leud.; liste p.21; Bellon, Lichon; Lake Michigan;

wolle 11f13,9; Pant.2.1.10-11f11; Del.S.p.156; Cl.Nav.2p.68:

v.auricula, Pant.2.1.10-11f11; Del.S.p.156; Cl.Nav.2p.68:

Neurodyi - *Gen. et Spec. - M. G. 1871*

- * *v. ar. p.*, ^{constricta} *Sm. Cat. p. 24-4 f. 13: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. maxima*, *Cl. Nav. 2p. 58:*
- " *v. constricta*, *Cl. Nav. 2p. 58:*
- " *v. scutellariae*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. limba*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. californica*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. circumsecta*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. nebulosa*, *Jan. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. formica bacillifera*, *Cl. - Cl. Nav. 2p. 58: J.R.M.S. 1878 p. 245-14 f. 13:*
- ~~" *v. abnormis*, *Cl. Atlas 129 f. 14: J.R.M.S. 1878 p. 245-14 f. 13:*~~
- " *v. difficilis*, *Cl. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. caliginosa*, *Jan. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*
- " *v. constricta*, *Cl. - Cl. Nav. 2p. 59: J.R.M.S. 1878 p. 245-14 f. 13:*

7 *Hermannii*, *Reichert. - J.R.M.S. 1878 p. 144-9 f. 1:*

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- [illegible]

Helicoverpa

" constricta, Cl. Nov. 2p. 43:

" v. Fuchsii, Pt. - Cl. Nov. 2p. 43 - (+ laticincta,) -

- hungarica, Gn. -

" v. capitata, G. - Cl. Nov. (2) p. 16

hyalina, var. - Atlas 70 f 5:

IRMEI, Pant. 3p4. - I7f257: - (*P. distinguenda*)

inæqualis, E. ~~M~~^M Ber. 36 p. 53:

+ *inæqualis*, Gn. -

" var. *abbreviata*, Gn. - Cl. 1850 p. 39-2 f 43; - (St. Transitaris, v.)

- ICOSTAURON, E.-Gran., 1330p.519; O'M.I.C.p.350-35f27; Cl.1330p.27-11
 I4: 1331p.3; Del.S.p.110; (M.C.Pinn.VII 1013, v.; -1111p.1-1011p.1011)
 * v.conferta, A.S.Pinn.-1310p.101-1012; -1012p.101-1012
 IGNOBILIS, Pant.2p.43-23f337; Del.Syll.p.IVI:
 ILLINOIENSIS, E.-Mik.1353p.34; Del.S.p.139:
ILLUS, Pant.2p.43-23f337; Del.S.p.139:
IMPACTA, Cl., Vega p.133-33f34; Del.S.p.30; Del.S.p.30
 IMPERIALIS, K.S.A.p.32; Prit.p.393; R.E.D.p.225; Del.S.p.30:-(Dill.)
 INFLATA, Cl.1310p.133-133f34; Del.S.p.30; Del.S.p.30
 IMPRESSA, Gran.-Atlas 3117, 13; wolle pl.14123, 25; Del.S.p.134:
 Del.S.p.134: -Ce. Nav. 2p.50:1
 * v.semiconvoluta, Gran.1332p. ?:
 IMPRESSA, Lagr.1373p.33-2f10; 1330p.133-133f34; Atlas 4310-2; Del.S.p.134
 (N.cancellata, Del.S.p.134)
 INAEQUALIS, Crouan, Algae Gaud.p.5; Del.S.p.1423;
 INAEQUALIS, L.-Int.p.131-131f34; Var.1.13(A)123; 1330p.131-131f34
 I3; Prit.1352p.33f34; Neup.p.193-2f44:-(Cymbella & Pinn.abbreviata.)-
 INAEQUILATERA, Lagr.1373p.33-2f10; Del.S.p.134:-(Cymbella aequalis.)--
 INAEQUISTRIATA, Rattr.-Trans.Bot.Soc.Edinb.1333p.423-29f4;
 Del.S.p.134:
 INCERTA, Gran.-V.H.S.p.107-14f43; Del.S.p.135; Ce. Nav. 2p.26
 INCISA, O'M., I.C.p.404-33f33; Del.Syll.p.73;
 INCLUDENS, Pant.3p. -13f20f: (Maidm.)--
 INCOMPERTA, Lewis, W.M.D.p.13-2f20; wolle pl.25f2; Del.S.p.193;
 (Frust.i. & interposita.)----
 INCONSPICUA, Greg.D.C.p.3-1f3; Prit.p.395; Carr.p.103; R.E.D.p.133:
 Flögel, Baltic; Lagr.1373p.45; Del.S.p.170: (Stenoneis.)-
 INCUDIFORMIS, Cleve, Vega p.437-33f23, 30:
 (N.ineus, var.: -Rhoiconeis: Nav. transitans. v)
 INCURVA, Pant.3p. -13f20f:
 INCURVA, Adersw.-----Falcatella Aderswaluii):-----Greg., M.O.1353p.3-
 1f23; S.B.D.2p.103; Prit.pp.393, 902; Carr.p.105; Donk.B.C.p.33-312;
 R.E.D.p.225, 226; O'M.I.C.p.377-377f34; Del.S.p.133:
 * v.minor, Gutwinski Galicyi 1390p.22-1f13; Del.S.p.133:
 INCURVATA, Greg., T.N.S.1353p.44-5f13; Prit.p.393; Donk.B.C.p.49-7f4;
 Carr.p.105; A.Schm.N.D.p.28-1f10, II; 2f3; O'M.I.C.p.399-33f24; Petit
 Cat.p.23; Cl.Vega p.471:
 (N.interrupta, v.: -N.pellucida; -N.splendida, v.: -Dill.1310p.133-
 INCUS, Gran., Atlas 4717; Villef.p.43; Malaisie; Del.Syll.p.133:
 (N.directa, var. Del.S.p.133 abbreviata.)
 INDEX, Brun & T.p.44-5f7; Del.Syll.p.30; -(N. Balleana.)
 INDICA, K., Ann. Bot. 1310p.333; Var.1.13; T.N.S.A.p.73; Prit.p.393;
 R.E.D.p.225; Del.S.p.133: (N.abbreviata.)--
 INDICA, Gray, T.N.S.1352p.93-91f3; Var.1.13; Cl.1373p.13:
 Vega p.505; Shark River; wolle 17f11: (N.Macraei.)--
 * var., A.S., Atlas 3f7:
 INELEGANS, Gro. & Start.-J. L.C.1337p.132-1016; Notar.1337p.333;
 Del.S.p.33; Cl.Navic.p.135-5f13:
 INFLATA, Gran.1331p.133-133f34; Del.S.p.133; Cl.Navic.p.133;

inhalata,

var. lanceolata, Cl. Nov. 2 p. 57.

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INFLATA, K.B.p.99-3f36; K.S.A.p.8I--N.hungarica:-----R.S.D.p.4I-5f10;
S.B.D.2p.50-17f153; Mull; R.Alg.sub No.1235; Prit.p.399; Grun.1360p.
533-2f4I; Heib.p.32; Bleisch,1363; Donk.B.D.p.2I-3f9; New Zealand; R.
E.D.p.19I; Roper,Thames; Hull; O'M.I.D.p.4I3-34f23; Pet.liste p.20;
Sm.Sp.7.234; Lagr.1373p.42; Brun Alp p.76-7f15; Belloc,Luchon; Gallik
Pagan; Kinnora; Cl.1330p.27; 1391p.37-242; Navic.p.139; 1311p.11;
Marb.; Spamer,Duren; Perag.p.59; wolle pls.10f23; 19f29; Det.Syll.p.
149; T.B.C.1337p.70-36f5; (N.hungarica, n. p. 2)

(Diploneis crabro; -Frust.; -N.follis & humilis; -N.limosa, v.)-----

var. "b" striata, K.B.p.99-3f36(3); K.S.A.p.3I:

Schum.1369p.33-2f25

(N.crux.)

INLEXA, Grun.-Ralis,Prit.p.905; Donk.B.D.p.5I-3f2; Pet.Cat.p.22; Cl.
1330p.37; Vega p.470-36f33; Atlas 1369,70; O'M.I.D.p.4II-34f13; T.
B.C.1337p.7I-33f10; Fortm.Cey.p.29; Shark River; wolle pl.10f25;
Det.Syll.p.49: Cl.Nav.2p.31; (Pinn.)---

v.Biharensis, Pant.2p.48-3f36; Det.S.p.50:

INFORME, Grun. 1382p. ?

INHALATA, A.S.,Atlas 2f50; Petit Cat.p.24; J.R.C.1385p.166:

Det.Syll.p.100: Cl.Nav.2p.57;

v.Biharensis, Pant.2p.48-3f139; Det.S.p.100: Cl.Nav.2p.57;

INNOMMATA, A.S.,Atlas 3f45; Malaisie;

INORNATA, Grun.-Cl.1380p.46-3f56; Vega p.474; Atlas 136f39;

Cl.Nav.p.133; Det.S.p.164:-(N.acus, Cl., 1380.3

INSIGNIS, Pant.2p.48-2If324; Det.S.p.65:

INSTABILIS, A.S.-Det.Syll.p.60: Cl.Nav.2p.57:-(Pinn.Nav.1381.)--

v.major, A.S.Atlas 43f36-37,39; Det.S.p.60;

v.minor, A.S.,Atlas 43f33,40; Det.S.p.60;

INTEGRA, W.S.-Ralis,Prit.p.395; Donk.B.D.p.40-3f3; Call.p.105; O'M.

I.D.p.356-30f43; Cl.1380p.33; Nav.p.14I; V.H.S.p.96-IIIf22; Det.S.p.

II3:-(Cymbella:-Pinn.i. & rostrata; -Stauroneis Janischii.)-

INTERCEDENS, A.S.,Atlas 160f3-5; (Caloneis musca.)----

INTERLINEATA, Grove & St.-J.R.C.1380p.323-1312; Nav.1387p.343;

Det.S.p.179; Atlas 204f1: Cl.Nav.2p.50:

INTERMEDIA, Lagr.1373p.23-If3; Pet.liste p.2I; Malaisie; Det.S.p.24;(Pinn.)

INTERPOSITA, Lewis,W.W.D.p.13-21I9; Sm.Sp.7.233; wolle pl.11f14;

Pant.2p.48; Det.S.p.193: (Frust.)-

INTERRUPTA, Bailey, (A.O.S.1342p.1.2f13; W.S.1.100-29f23; K.S.A.p.38;

Cole,Essex; Prit.p.394; Grun.1360p.53I-312Q; 1366p.13; Donk.p.196-3I

6I; Donk.B.D.p.47-7f2; Schum.H.7.1.74; Nylander,W.: R.E.7.1.205; O'M.

I.D.p.400-33f23; Lagr.1373p.23-2f6; 1374p.36; Atlas 12f3-3,10,11;

45f72; Kinnora; Malaisie; Cl.1313; V.H.S.p.9-9f7; T.No.100; wolle

10f3I,50; Pant.2p.48; Det.S.p.69; T.26Tap 427

(Diploneis; -M.adya, bicapitata & monovata; -Pinn.1313.)---

vars., A.Schum.N.D.1.1.13-113; Atlas 12f3,9; 59f24; V.H.S.11.913;

v.bicapitata, .-wolle pl.10f32;

v.fossilis, Pant.2p.48-6f112; 12f203,215; Det.S.p.70:

v.microstauron, .-wolle pl.12f4:

v.Novae-Zeelandiae, A.S.,Atlas 12f12; Det.Syll.p.70;

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+ irrorata,

" *v. ceylanica*, Cl. Har. 2p. 56: Atlas

„v. mexicana, Cl. nov. sp. 56: Atlas 2f19:

"*v. substauroneiformis*, Gn. - Ch. Kar. 2 p. 56: - (Ch. app. 2 p. 100)

Same line vis, of par. 2b.36:

similaevelatus - Br. - cl. nov. 2p. 36: - (fac. nov.)

" " Schizostauron, Cl. Nav. 2 p. 37:

insoniana, Grav. - In. MS. 1862 p. ~~106-3~~ 107-1 p. 8.
R. & S. p. 226: Oct. 5, p. 123.

Æt. p. 226: De I. I. p. 123:

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- v. Talyana, Grun. I382p. I50-30f59; Pant. 2p. 48; Det. Syll. p. 70;
v. Zanzibarica, A.S., Atlas 1211, 1; Det. S. p. 70;
INTERRUPTA, E.-Abh. Ber. I332p. 80: (Pinnularia.)--
INVERSA, E.-M.H. J. I340p. 13; K.B. p. 102; V.H.S. p. 77: (Dorakia)
IOTA, Cleve Navic. p. I54-5f22, 23;
IRIDIS, E.-Amer. p. I30, pl. 4-I12; K.B. p. 98-23f42; V.H.S. p. 71; Det. S. p. 97;
Schum. I382p. 133; E.M. J. p. 60-812; R.E.D. p. 171; V.H.S. p. 70-1.0.1.
305-31f23; Atlas 4912; Lake Michigan; V.H.S. p. 108; T.M.C. I387p. 72-
66f17; Wölle pl. I3f4; Herib. p. II3; Det. S. p. I53; -(N. firma; -Pinn.)----
forma angustior, H. & Per.-Herib. p. II3:
var., V.H.S. pls. I3f1; B'f32; Lake Michigan;
v. affinis, O'M.I.D. p. 367-31f27; V.H.S. p. I04; Lake Michigan;
Det. S. p. I55: (Nav. ampliata & aff.)----
v. amphigomphus, E.-O'M.I.D. p. 367-31f27; Cl. I381p. 5; V.H.S. p. I04, 13f2:
Lake Michigan; Det. S. p. I54: (Nav. amph.)----
v. amphyrhynchus, E.-V.H.S. p. I04; Lake Michigan; Det. S. p. I54;
(N. amph. & producta; -N. affinis, v.; -Pinn.)--
v. dubia, E.-V.H.S. p. I04-B, f22; Det. S. p. I54: (N. dub.)--
v. producta, .-V.H.S. p. I04; Lake Michigan: -(N. prod.)--
v. undulata, .-V.H.S. p. I04; Det. S. p. I55: -(N. affinis, v. und.)--
IRREGULARIS, Pant. 2p. 10-30f424; Det. S. p. 30; 672-4p. 17
IRRORATA, Grev.-Trans. Bot. Soc. Edinb. I391p. 27-411; J.P.P.S. I380p. 178-
7f1: -Prit. p. 397; R.E.D. p. 221; Wölle; Cl. I373p. 4; Malaisia; Atlas
2f12, 22, 23; Wölle pl. I3f2, I7; Det. S. p. I00: 672-2p. 17
v. elliptica, Cl. Nav. 7p. 56 - 2p. 1.0.4f13:
v. fossilis, Pant. 2p. 49-8f147; Det. S. p. I00: - 672-2p. 17
ISOCEPHALA, E.-Amer. p. I35; K.B. p. I01; O'M.I.D. p. 351-30f31; Amazon;
Wölle pl. 23f6; (Pinn.)---
ISOSTAURON, .-Nylander, w.: (N. & v. 6p. 17
ITALICA, Rabh.-Schum. I364p. 21; Det. Syll. p. 90: (Pinn.)
JAMAICENSIS, Grev.-T.M.S. I368p. I26-I2f23; Malaisia: (Dictyonis.)--
JAMALINENSIS, Cl. I380pp. I3, 38-2f40; Vega p. 470; Det. S. p. II3: +
JANISCHIANA, Rabh.-Jal. & R. p. 10-2115; R.E.D. p. 171; V.H.S. p. 103:
JANISCHII, Castr. I387p. 29-30f15; (Dictyonis p. 17, v. 103.)
JAVANICA, Grun. I363p. 13, 130-I113: (Thalassia.)--
JAVANICA, A.S., Atlas 6f32; Malaisia;
JEJUNA, A.S., Atlas 46f76; Castr. I337p. 33-2f11; V.H.S. p. 103: 672-2p. 17
var., Castr. I387p. 33-23f11: - (N. jejuna)
JELINECKIANA, Grun. I363p. 13, 13; Det. S. p. 157: -(N. jejuna; -N. 103-2p. 17
JELINECKII, Grun. I363p. I51-I4f12; R.E.D. p. 227: -(N. Jelineckiana.)-
JENNERI, S.B. J. p. 49-13f134; Grevillea Vol. 1p. 41-21f102, 0; Mill:
Roper, Thames; (N. tumida; -Scolioplena J. & tumida.)---
JENTZSCHII, Grun. I382p. 133-30f164; Cl. I391p. 66; Det. S. p. 91; 672-2p. 17
JIMBOI, Pant. 3p. 7. -5f81; Cl. Nav. p. I56:
JOHNSONI, w.S. - O'M.I.D. p. 373-31f46;
Sp. Sp. T. 286; A.J.M. I373p. I36; V.H.S. p. 99-B, f23; Brun & T. p. 72; 672-2p. 17
Wölle pl. 23f13; Malaisia:
(N. Wischeri & scopulorum; -Pinn.; -Trachyneis.)----

Kariana,

- + v. fipid. Gr. - Cl. Man. sp. 28! - (= var. minor) Oestr. 1897 p. 321;
+ " v. detersa, Oestr. 1897 p. 321;

+ litigiosa, Hb. & Hamberg

> laciniata, Ham. - Oestr. 1897 p. 320. (Schizoneura 2.)

- " var. Belgica, H.V.H.S.p.99-"B" f29: -(N. scopulorum, v. Belg.)--
 JORDANI, E.-Mik.p.47; Del.Syll.p.191: (Pinn.)---
 JUGATA, Cl., N.L.K.O.p.13-3f33; Del.S.p.101: (Pseud-Amphipora.)-
 JULIENI, Per. & Herib.p.199-3f3,9; (Fust.interposita, v.)---
 JURGENSI, K.B.p.93-3f3; K.S.A.p.72; R.S.D.p.33-3f79; Prit.p.905;
 R.E.D.p.173; Del.S.p.169:
 KALFVENSIS, Grin.-Cl.Navic.p.141;
 KAMORTHENSIS, Grin. I363p.152-14f13; I363pp.19,101; R.E.D.p.127;
 Del.S.p.133; *Atlas 6f8,8#*; *(N. humerosa, v.)*-(N. latissima, v.)---
 KANIZII, Pant. 3p *7*, -3f41: (Caloneis.)--
 KAPPA, Cl.Nav.p.134-5f21:
 KARIANA, Grin.-Cl. I330p.39-2144; Vega p.469; Grin. I334p.51;
 Del.S.p.130; *cl. Nav. 2p. 28*:
 " forma curta, Cl.Vega p.470-37f40; -(*N. gelida*)
 " var. "a" genuina, Cl.Vega p.469;
 " var. "b" detersea, Grin. I334p.51-1f23,24; Vega p.469-35f33; *cl. Nav. 2p. 28*:
 " var. "g" minor, Cl.Vega p.469; I330p.5: -(= *N. frigida*)
 KEFVINGENSIS, E.-Abh.Ber. I340p.20; K.B.p.97; K.S.A.p.73; Prit.p.905;
 Cl. I363p.225; Atlas 47f61,62; (N. peregrina, v.)
 KELLERI, Pant. 2p.49-3f121; Del.S.p.159; (Pinn.)
 KESSEII, Grin. I334p.71-1f37; Del.Syll.p.103;
 KERGUELENSIS, Ralfs, Prit.p.909; Del.S.p.191; (Pinn.)--
 KERGUELENSIS, Grin. I337p.55-25f15; (N. peregrina, v.)
 KINKERI, Pant. 2p.49-9f169; -(*N. pennata, v.*)
 KINKERIANA, Pant. 3p *7*, -42f571: (Caloneis.)---
 KIRCHENPAUERI, Jan.-Del.S.p.153: (N. marina, v. & R.)
 KITTONIANA, *Nav. 2*, Atlas 2f10; M.O. I375p.201; Botom.Cey.p.20; -(*N. peregrina, v.*)
 KJELLMANNII, Cl.Nav.p.111; (Pleurosigma; -N. Vegas.)--
 " v. subconstricta, Grin.-Cl.Nav.p.111: (N. Vegas, v.)---
 KOCHII, K.S.A.p.34; Prit.p.395; R.E.D.p.223; Del.S.p.121: -(Pinn.)---
 KOCHII, Pant. 2p.49-4f72; Del.Syll.p.35;
 KOSSUTHII, Pant. Ip.23-14f120; 25f230; 2, p.49; -(Dietyoneis marg.)-
 KOTSCHYI, Grin. I337p.233-21f12; R.E.D.p.193; Del.S.p.193;
 Gallia, Papan; (N. Kotschyana.)
 KOTSCHYANA, Grin., Cl. I330p.41; I331p.9; R.E.D.p.193; V.H.S.pl.10f22;
 Del.S.p.129; Cl.Nav.p.130; (N. Kotschyana.)--
 KROKII, Grin. I332p.133-30f43; Del.S.p.197;
 KRYOKONITES, Cl.Vega p.473-37f44; Nav.p.109; Del.S.p.137;
 " v. semiperfecta, Cl.Vega p.473-33f45; Nav.p.109; Del.S.p.137;
 " v. subconstricta, Cl.Vega p.473-33f45; Nav.p.109; Del.S.p.137;
 KRYOPHILA, Cl.Vega p.473-37f43: (Caloneis; -N. subpolaris.)
 KURZII, Grin., Cl. I373p.3-2f12:
 (Alloioneis; -Scoliopleura; -Trachyneis aspera, v.)-
 KUTZINGIANA, H.L.Sm.Spl.1.No.237; A.Q.M. *1000* p.13-10f3; A.Q.M. I373p.
 133; Acuw. I379p.29; Del.S.p.63: -(A'plora.arenaria; -N. arenicola, p.p.)
 KUTZINGII, Grin. I330p.532-1f15; Atlas I3f22-24; wolle pl.10f43;
 Pant. Ip. *1299-29f22* Diploneis; -----(N. bombus---proserpineae, v.)---
 LACINIOSA, A.S. Atlas 12f54; Del.Syll.p.35: (Diploneis.)-

lacustris, Cl. 1895 p. 12; Nov. 2 p. 44:

+ lanceolata, Cl. Nov 2 p. 21; ~~Frangula~~ ~~var. lanceolata~~

" var. tenella, A.S. - Cl. Nov 2 p. 22 - (var. tenella, A.S.)

" var. cymbula, Cl. Nov 2 p. 22:

" var. latior, Donk. - Cl. Nov 2 p. 22 - (var. latior, Donk.)

" var. hordeiformis, Pa. 1. - Cl. Nov 2 p. 22 - (var. hordeiformis, Pa. 1.)

" var. ..., (Cl. Nov 2 p. 44) f. 49:

- LACRIMANS, A.S. Atlas 12f59-3I: Form. Cey. p.29: Cl. 1373p.3; Vega 44-495, 505, 511: wolle pls. 12f23; 15f1; Del. Syll. p.70: *P. 57, 67*
(*Diploneis gemmatula*, var. l.)-----
" v. fossilis, Pant. 2p. 47-2f13; Del. S. p. 71: -(*Dip. gemm.*, v. laci.)---
LACUNARUM, Gran.-V.H.S. pl. 12f3I; Cl. 133Ip.9; wolle pl. 10f39; Lake Michigan; Del. S. p. 135; -(*Caloneis fasciata*; -*Stadioneis bacillum*.)
LACUSTRIS, Gies.-M.S. 1356p.6-1f23; S.B.D. 2, p. 103; Pitt. p. 903; Carr. p. 106; R.E.D. p. 200; Schm. N.D. p. 48-1f29; O'M.I.C. p. 330-32a1f; Atlas 3f30; Cl. 139Ip. 34-2f14; (N. carassius; -*Stadioneis Scandinavica*, *p. 7*)
" var. "b", Kinnora; -
LADOGENSIS, Cleve 139Ip. 35-2f5; (Caloneis.)-
LAEVIS, E.-Mik. p. 90; Del. S. p. 191; (N. gracilis.)--
LAEVIS, Pant. 2p. 50-25f336; -(N. laeviuscula; -N. gregaria v. Tharholm.)---
LAEVISSIMA, K.B. p. 96-2f14; K.S.A. p. 77; M.S. 1354p. 100-11f32; S.B.D. 2, p. 91; Pitt. p. 395; Gran. 1350p. 349-2f5; Schm. 1352p. 131; Carr. p. 103; Donk. B.D. p. 23-5f2; New Zealand; Hull; R.E.D. p. 133; Amazon; O'M.I.C. p. 373-3f154; Nylander, w.: Brun Alp. p. 33-7f32; Cl. 1330p. 45-2f52; V. 1. S. p. 13113; Del. S. p. 134; 1216p. 111;
(*Diploneis gemmatula* v. *Granowii*; -*O. Smithii*; -*N. bacilliformis*, granum, minutissima, perpusilla & pseudo-bacillum.)-
" forma elongata, Del. & Per. -Merib. p. 114; ---
" v. rectangularis, K.-Rabh. E.D. p. 133; (N. & *Stadioneis* l.)-
" v. trinodis, Brun Alp. p. 33; (Achnanthidium & Nav. l.)-
LAGERHEIMII, Cleve Nav. p. 131: *Le D. 2, No. 17 p. 01-7f11*:
LAGERSTEDTII, O'M.I.C. p. 415-34f27; Del. S. p. 54;
LAMBDA, Cleve Nav. p. 133-5f19; -
LAMPROCAMPA, E., ~~Mon.~~ Ber. 1340p. 20; K.B. p. 102-4f5; K.S.A. p. 33; Nepal p. 194-2f53; (Gyrosigma; -Pleurosigma.)
LAMELLATA, ~~E.~~, *Le D. 2, No. 17 p. 01-7f11*; *n. Ehrh.* -10f29; 7. 11. 94-1-3534; 601 43; K.S.A. p. 74; Cole, Essex; R.S.D. p. 39-3f77; S.B.D. 1, p. 45-3f272; Pitt. p. 904; weisse 1330p. 359-3f35; Gran. 1330p. 527-2f23; New Zealand; R.E.D. 3, p. 171, 175; Hull; Schm. N.D. p. 109; 1351p. 33; 1352p. 131; O'M.I.C. p. 403; Dippell 137Ip. 5; Amazon; ~~Atlas 1, 47f119~~; Sm. Sp. 1. No. 233; C. & M. 131; Hoffmann, Marburg; Petit liste p. 20; Prollius p. 31; Stama, Duren; Del. Syll. p. 57; Brun Alp. p. 35-7f14; V. 1. S. p. 33-3f13; 1. 93; Gallia, Papan; Belloc, Luchon; Cl. 1330p. 35; 139Ip. 31; Vega p. 491; Lagr. 1334p. 53, 154; *Le D. 2, No. 17 p. 01-7f11*; 7. 11. 94-1-3534; 601 43; 601 43; 601 43; 601 43;
(*Collettonema*; -*Cymbella*; -*Trist.*; -*N. arenaria*, v.; -*N. cryptocephala*, v.; -*N. appendiculata*, Ehrenbergii, gracilis, gregaria, oxysphaenia & phyllepta; -*Pinnul. gracilis*; -*Schiz.* (& *Vandurekia*) *viridula*.)---
" forma curta, Rabh. E.D. p. 175; V. 1. S. p. 33-8f17; (forma minuta.)
" " minuta, Rabh. E.D. p. 175; Del. S. p. 53; (N. *Smyrtonia*.)
" var. arenaria, Donk.-V. 1. S. p. 33-8f18; Del. S. p. 53; *R.H.T. 97*; (N. *arenaria*.)--
" v. cymbella, Donk.-Cl. 139Ip. 31; *Le D. 2, No. 17 p. 01-7f11*; (N. *cymbella*.)--
" v. phyllepta, K.-V.H.S. p. 33-8f18; Del. Syll. p. 53; *Cl. Nav. 2p. 22*; (Nav. l.)--
LANCETULA, Schum. 1337p. 55-2f34; V. 1. S. p. 33-8f18; (N. *cryptocephala*, var., & *exilis*, of K.)-
LATA, Breb.-K.B. p. 92-3f51; K.S.A. p. 79; Pitt. p. 903; Gran. 1350p. 313; ---

+ latissima,

" v. ~~e~~ Congata, Pt. - Cl. Nav. 2p. 44: (N. humerosa, v. el.)

+ Chrysomelidae, 6. — Cl. Trav. 2p. 24-1f 67:

Chrysomelidae, 6. — Cl. Trav. 2p. 24-1f 67:

LEPTOSTIGMA, E.

P.906; Woll. pl.24f14; Det.S.p.145;

K.S.A.p.70; Prit.

(Prit.)--

LEPTOSTIGMA, Grun.-V.H.S.p.12f29; Det.S.p.135; 1

LEPTOSTIGMA, E.-Mik.p.13(A)142; Prit.p.901; R.E.D.p.225; Det.S.p.135; 1

LEPTOTERMIA, E.-Abh.Ber.1844p.340; Det.Syll.p.191;

LETOURNEUREI, Part.21.49-24f358; Det.S.p.135; 1

LEUDUGERI, Cl.Vega p.505-33f22; Det.S.p.135; 1

LEVENSI, Carruthers p.106; Det.S.p.193;

LEWISIANA, Grev.-T.M.S.1863p.115-1f7; Lewis, N. & R.S.p.3-2f3; Monil.

R.E.D.p.135; Atlas 50f13-13; Petit Cat.p.21; 1

LIBELLUS, Grev.-D.C.p.57-3f101; Prit.p.904; R.E.D.p.172; Brn. & T.

p.72; Hull; Cl.Nav.p.153; *Oestrup 1897p.317*;

(N.rhombica; -Libellus, Nav., & Schizonema Grevillei.)-

LIBER, S.B.D.II.48-13f133; Brb.D.C.p. : Prit.p.907; Brb.Vern.p.1

-f14; Grn.1860p.547; 1863p.154; Carr.p.103; Hull; Donk.B.D.p.32-9

Calis, R.E.D.S.p.171; Det.S.p.135; 1

484, 497; Schm.N.D.p. -2f45; Atlas 50f13-13; Petit Cat.p.21; 1

Calis, R.E.D.S.p.171; Det.S.p.135; 1

137; Perag.p.59; Woll. pl.25f5, II; Villef.p.46; Det.S.p.157;

(Caloneis; -N.excentrica & maxima.)

" var."b"-Roper in M.O.1853p.25-3f10;

(N.affinis.)

" v.bicuneata, Cl.1873p.17;

(Caloneis l., var.bic.)---

" v.elongata, Grn.-Cl.Vega p.491;

" v.excentrica, Peragallo p.59;

(Caloneis l., var.: -N.exc.)----

" v.maxima, Brb.Vern.p.10; Cl.1873p.17; Det.S.p.135; 1

(Nav.m.)--

" v.major, Rabh.E.D.p.130;

(N.maxima.)----

" v.linearis, Grn.-V.H.S.p.105-12f35; Villef.p.46; Det.Syll.p.143;

(Nav.lin.: -Caloneis liber, v.)----

LIRILIS, E.-Im.p.103-13f22; Prit.1872p.1319; Mik.pl.13-2f11;

14f38; (Cymatopleura & Sirella solea; -N.binois, platula &

quinquecostata.)---

LIRILIS, Grn., 1860, p.547-11f2; Det.S.p.135; 1

V.H.S.p.102-11f3; Det.Syll.p.143;

(Caloneis amphibaena, vars.l. & formosa; -N.formosa, var.)---

LIBYCA, E., ~~Mik.~~ Ber.1840p.20; Mik.p.19; K.B.p.74; K.S.A.p.74;

Prit.p.906; R.E.D.p.225; Det.S.p.135;

(Pleurostoma.)---

LICURARAE, E.-Detoni, Syll.p.190;

(Pinnularia.)--

LIMBATA, E.-Amer.p.130pl.I(2)f16; K.B.p.96-28f50; K.S.A.p.77; R.S.D.

p.40-3f75; Prit.p.902; R.E.D.p.224; Det.S.p.134;

LIMICOLA, Cl.-Med.No.13, p.14-1f12; *Rev.(2)p.9*;

LIMITANEA, A.S.Atlas 11f23; Det.S.p.73; -(Diploneis crabo, var.l.)

" var., A.S.Atlas 69f12; Det.Syll.p.73;

(Nav.l.)--

LIMOSA, K.B.p.101-3f50; K.S.A.p.34; R.S.D.p.41-6f31c; Prit.p.394; M.

J.1860p.191-13f7; Grn.1860p.544-3f36; Det.S.p.135; 1

Hull; Donk.B.D.p.173-12f6; Cl.1863p.227; 1891p.37; Nyland, w.: Schm.

1891, 36; Roper, 1871; Det.S.p.135; 1

101; 102; 103; 104; 105; 106; 107; 108; 109; 110; 111; 112; 113; 114; 115; 116; 117; 118; 119; 120; 121; 122; 123; 124; 125; 126; 127; 128; 129; 130; 131; 132; 133; 134; 135; 136; 137; 138; 139; 140; 141; 142; 143; 144; 145; 146; 147; 148; 149; 150; 151; 152; 153; 154; 155; 156; 157; 158; 159; 160; 161; 162; 163; 164; 165; 166; 167; 168; 169; 170; 171; 172; 173; 174; 175; 176; 177; 178; 179; 180; 181; 182; 183; 184; 185; 186; 187; 188; 189; 190; 191; 192; 193; 194; 195; 196; 197; 198; 199; 200; 201; 202; 203; 204; 205; 206; 207; 208; 209; 210; 211; 212; 213; 214; 215; 216; 217; 218; 219; 220; 221; 222; 223; 224; 225; 226; 227; 228; 229; 230; 231; 232; 233; 234; 235; 236; 237; 238; 239; 240; 241; 242; 243; 244; 245; 246; 247; 248; 249; 250; 251; 252; 253; 254; 255; 256; 257; 258; 259; 260; 261; 262; 263; 264; 265; 266; 267; 268; 269; 270; 271; 272; 273; 274; 275; 276; 277; 278; 279; 280; 281; 282; 283; 284; 285; 286; 287; 288; 289; 290; 291; 292; 293; 294; 295; 296; 297; 298; 299; 300; 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Cinosa,

" var. "8" bicuneata, pum. - y. -

Malaisie; Del.Syll.p.I47; Herib.p.III:

(*Caloneis* (& Nav.) *silicula* & vars.; -*Neidium*: -*N. leptogonyla*,
tumida & *ventricosa*.)-

forma minuta, Cl.I39Ip.37:

for. 191, 191 & 191. - 191. p. III:

var. *microneata*, Gran.I360p.545-3f7; R.E.D.p.I39: Schm.I369p.36:

Petit liste p.I9: J.L.S.p.245; (S. 50)

v. *curta*, Gran.-V.H.S.pl.I2f23; Herib.p.II2: -(*Caloneis* s., var.)

v. *gibberula*, Gran.I360p.544-3f3a; Schm.I369p.36; R.E.D.p.I39: O'M.

I.D.p.366; Petit liste p.I9: Brun Alp p.73-7fII: Cl.I33Ip.5: Delogne:

V.H.S.p.I05-I2fI9; Lake Mich.; Perag.p.59; Bellec, Luchon: Wollé pl.

22fI3; Herib.p.II2; (*Caloneis silicula*, v. *gib.*; -*N. gib.*)--

v. *inflata*, Gran.I360p.545-3f3c, IO; Schm.I369p.36; R.E.D.p.I39:

Petit liste p.I9; Bellec, Luchon: Perag.p.59:

(*Caloneis silic.*, var. *i.*; -*Nav. infl.*)---

v. *subinflata*, Gran.-V.H.S.pl.I2f22; Lake Michigan; Wollé pl.

22fII: Herib.p.II2; -(*Caloneis silic.*, v. *infl.*)

v. *truncata*, Gran.I360p.545-3f3d, e, 9: O'M.I.D.p.366-3f3I;

Schm.I369p.36: (Nav. tr.)-

v. *undulata*, Gran.-V.H.S.pl.I2f22; Lake Michigan; Wollé pl.22fI2;

Herib.p.II2: (*Cal. silic.*, var.)---

v. *ventricosa*, Donk.-Cl.Vega p.49I; I39Ip.37;

LIMPIDA, Perty, Klein.Leb.p.204-I7f9: Prit.p.902; R.E.D.p.I97:

Del.S.p.I39:

LINEARIS, Greg.-Prit.p.902; Atlas 45f73; Gran.I360p.546-I2; R.E.D.

p.280: Petit & Lema.; Cat.p.2I: O'M.I.D.p.37I-3f39; Fortm.Cey.p.39;

Reinhard; Atlas 50f34; Wollé pl.I9f6; Malaisie: *Del. 277/6p. 68.*

(*Caloneis* (& Nav.) *liber*, var. *lin.*; -*N. maxima*, v.)----

LINEATA, Donk.-I.M.S.I353p.32-3fI7: Donk.B.D.p.3-I2; Breb.Verm.p.I0:

Carr.p.I07: Schm.N.D.p.87-I2f6: Atlas 7f44; O'M.I.D.p.364-3f22;

Lagr.I376p.39; Villef.p.50; Part.2, p.50: -(*Diploneis*; -*N. quadrifasciata*

var., A.S.Atlas 69f3I; Schm.N.D.p.87-I2f7:

LINEOLA, E., Abh.Ber.I343p.I04; Mik.p.39: Gran.I384p.52-I2f45, 46;

Del.Syll.p.I59; Cl.Nav.p.I07:

v. *perlucida*, Gran.-Cl.Nav.p.I07: -(Nav. p.)

LINEOLATA, E.-Inf.p.I55-I2f6; -*Nav. p.*: ---*Nav. p.*: ---*Nav. p.*:

4-I2; A.S.S.I37I2; Mik.p.39-3fI7: 7-I2f3; 10-I2f3; 12-I2f3;

I7-2fI7: 23-I0f2; 29-3f3; R.E.D.p.33-3f33: (*Caloneis* s.)-

Herib.p.III: -(*Frustulia* & *Vanh. Saxonica*, var. *i.*)--

LINTER, Witt.-J.M.G.I373, No. I, p.3, fII:

LIRATA--(LYRATA)---

LITTORALIS, Donk.-B.D.p.3-I2; Breb.Verm.p.I0: S.S. 91, 92, 93, 94; Atlas

7fI2; 3f25: Cl.Naves; I373p.4; Vega p.472; V.H.S.p.92-3, I23; Villef.

p.50; Wollé pl.I0fI2: (*Diploneis*; -*N. ovulum*)---

var. *s.*: A.Schm.N.D.p.87-I2f24, 25; Atlas 3f23, 24; Wollé pl.I0fI2:

LOBATA, Gro. & St.-J.Q.C.I337p.I33-I0fI2: Notul.I337p.356;

(*N. spatulifera*.)----

LOBATA, Schwartz.-Rabh.Alt.Eur.No.243I cum icone; Cl.I373p.7-I2f3

M.S.I373p.5IO-44f3; Del.S.p.I5I: (*Caloneis* s.)

Canoga.

forma Balsica, Gn. - atlas 47: Petal., Cap. 11

" Campeschiama, Gn. - atlas 47 f 9: Petal., Cap. 11

+ Lyra, G. ~ Cl. var. 2 p. 63: - Petal., Cap. 11
Jan. G. 15 f 5-9, 12, 13:

LUCAYII, Mart. p. 70-8111; Det. Syll. p. 133: (Pinnularia) ---
LUNCA, Griseb. - M.S. 1353. 3-1127; S. A. S. p. 105; Prit. p. 910: Cl. Nav. p. 105; R.E.D. p. 200: Det. S. p. 30: (Neidium affine, v. long.) -
LORENZIANA, Griseb. 1360 p. 547-If3; R.E.D. p. 202; Det. Syll. p. 153: (Cistula) ----
LUCIDA, O'M.I.D. p. 379-32f3: Pant. 21. -13f264: Det. Syll. p. 131; Cl. Nav. p. 107: (Includes N. inculta) ----
LUCICULA, Griseb. - V.T.S. p. 14-14f20: (Pinnularia) ---
LUCULENTA, A.S. Atlas 43f12; Det. S. p. 59;
LUDLOVIANA, A.S. Atlas 43f12; Det. Syll. p. 13: (Pinnularia) ---
LUMEN, Perag. Villef. p. 45-2f19; Notar. 1339 p. 356; Det. S. p. 14; (Nav. regula, v.) ---- Pinn. rect. :-
LUNATA, K.B. p. 104-4f1(4); K.S.A. p. 35: Prit. p. 910: (Falcatella) --
LUNDSTROMII, Cl. 1330 p. 13, 33-2f39; Vase p. 170: Det. S. p. 124: Cl. Nav. p. 140:
v. Friesiana, Griseb. - Cl. Nav. p. 140-5f13: (Cymbella fr.) --
LUNYACKSEVII, Mart. p. 11-23-11f12; Notar. 1333 p. 17; Det. S. p. 100; (H. praeterita, var.)
LUXURIOSA, Griseb. - T.M.S. 1352 p. 13-If10; Griseb. 1353 p. 100: R.E.D. p. 227: Det. S. p. 142; Cl. Nav. p. 74:
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LYRA, E.-Amer. p. 131, pl. I-If9a; K.B. p. 94-23f55; K.S.A. p. 74; R.E.D. p. 40-5f15; S. A. S. p. 98; Griseb. B.C. p. 13-11f12; Griseb. 1353 p. 13: Prit. p. 397; Griseb. 1350 p. 532-3f22, 23; 1353 p. 13; Det. x. 2 f. 12-37; Griseb. 1351 p. 12; 1310 p. 33; Griseb. 1353 p. 11-2f7; Griseb. 1357 p. 107: R.E.D. p. 177: Hull: Cl. 1357 p. 355; 1353 p. 225; 1373 p. 13; 1373 p. 4: Vase p. 172, 173; K.S.A. H. pl. 3f35; Lewis N. & R.S. p. 71: B.O.N. 1. 1353 p. 31 cum icones: Reinhard; A. Schm. N.D. p. 89-If32; Atlas 2f24, 25; 13, 32; 3f11, 12; 129f11-14; Pet. Cat. p. 24; Sm. Sp. p. 192; J.M. 1373 p. 52-11f1; Griseb. 1353 p. 13; V.T.P. 3-3-1; Lagn. 1373 p. 43; Fortm. Cey. p. 29; Lagni Ostia p. 29; 1353 p. 5; V.T.S. p. 95-10f1, 2; 1. 110; J.M. 1354 p. 2-11f; Malaisia: Parag. p. 5; Villef. p. 19; Huller 1353 p. 44-2f25; J.M. 1357 p. 73-30f13; Huller 13f3, 14; Det. S. p. 95; J.L.C. 88 p. 309-24; (N. clavata, Gregoriana, Rovignensis, wrightii: -Pinn. De Hammetty, p.p.)
var., (Pinnularia) ---
M, T.P. 3-3-2; --Atlas 70f47; --Per. Villef. p. 49:
v. approximata, A.S. Atlas 213; Det. Syll. p. 98: (Pinnularia) ---
v. acuta, Pant. 21. 50; 3p. -33f463; Det. S. p. 96: (Pinnularia) ---
v. approximata, Griseb. - Cl. 1373 p. 4-11f: (Pinnularia) ---
v. Atlantica, A. Schm. N.D. p. 89-If34; Atlas 2f33; Villef. p. 49; Det. Syll. p. 95: (Pinnularia) ---
v. Australica, A.S. Atlas 2f37; Malaisia; Det. S. p. 95:
v. "b" abrupta, Griseb. B.C. p. 14-If14; Jan. G. 1. 27-2b, f9; R.E.D. p. 173: Reinhard; Hull: O'M.I.D. p. 393; Perag. p. 59; (Nav. ab.) ---

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Fr. Mss. - Cl. Nav. 2p. 63:

" elliptica, ^{forma bullata,} Cl. Nav. 2p. 63: - (Fr. bullata, non)

" Ehrenbergi Gr. - Cl. Nav. 2p. 63: - (Fr. Ehrenbergi, non)

" var recta forma abnormis, Cl. - Cl. Nav. 2p. 64: - (var. abn.)

" " " fornicata, Cl. - Cl. Nav. 2p. 64: - (var. For.)

subelliptica, Cl. Nav. 2p. 64: -

" var Zanzi barica, Fr. - Cl. Nav. 2p. 64: - (var. Zan., Fr.)

+ macilenta, Gr. Cap. Rom.

" var. elliptica, Ratt. Falsta p. 423-29 f 4a:

+ maculata, Cl. Nav. 2p. 46:

" V. Caribaea, Cl. Nav. 2p. 46: - (var. Car.)

+ maculosa, Cl. Nav. 2p. 19:

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+ marginulata, cl. hav, 2p. 71:

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mesolepta, f. c. s. = Pim. mesolepta, v. polyne:

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- MEDITERRANEA, K.B.1.93-3f17; K.S.A.p.72; Prit.p.904; R.E.D.p.132;
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- MEDITERRANEA, Cl. & Gr.-Cat. 1391.35-15f11; *cl. n. 24/33=33*
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- MEGALODON, Rafs, Prit.p.910; Del.S.p.190; (Pinn.)---
- MEGALOPTERA, E.-Herib.p.38-4f5; (*Pinn. lata* --- & *Pinn. ma*)
- MEGASTAURUS, Cl., Vega p.454-3f19; Del.S.p.29; *cl. n. 2p. 68*
- MELEAGRIS, K.B.1.92-30f37; K.S.A.p.70; Prit.p.903;
 (Mastoploia lanceolata & n.)-
- MENAPIENSIS, O'M.I.D.p.343-30f15; Del.S.p.26;
- MENEFITICA, Part.2.31-2f50; Cat.Syll.1.115; ~~cl. n. 24/33=33~~
- MENISCULUS, Schum.1337.35-2f35; Cat.1.23;
 Cl.1331p.9; 1391p.32; (*cl. n. 24/33=33*)----
- var., H.V.1.S.pl.3f21, 22;
- v.Upsalensis, Grun.-V.H.S.p.32-3f23, 24; Herib.p.93; (N. Uf *sa2-*)
- MENISCUS, Schum.1337.35-2f32; O'M.I.D.p.371-32f7; Cat.1.23;
 Cl.1391p.32; (N. *sa2* 112, v.)
- MESOCOCYCLA, E.-K.B.1.99; K.S.A.p.31; Prit.p.905; wolle 25f1; -(Pinn.)--
- MESOLEIA, Cl., N.L.K.D.p.10-2f25; Cl. & Gr.190; Del.S.p.19;
- MESOLEPTA, K.B.1.107-25f75; 30f34; K.S.A.p.34; Del.S.p.19; ---L., Grun.
 1.1.4-2f11; Mik.pl.17-2f11a, b; R.E.D.1.11-3f72; Prit.p.904; Grun.1332-
 1.520; 1333.17; 1310.1.35; Cl.1331.22; Atlas 1331.7; R.E.D.1.
 203; O'M.I.D.p.414; Nylander, w.: Arenig Bach: Amazon: Lag.1373p.22;
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- v.3oryana, Part.3p.1. -2f1312; -*cl. n. 24/33=33*
- v.constricta, Grun.1330p.520-4f72 (N. termes, v. stanoniformis.)-
- v.intermedia, Grun.1330p.518; -(N. inter., f.1.1; -N. mesolept., v. stanon.)-
- v.nivalis, E.-Del.Syll.1.34; (b. nivalis.)
- v.nodosa, E.-Malaisie; Del.Syll.1.33;
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- v.nodulosa, Grun.1330p.520; (Nav.n., var. termes.)-
- v.producta, Grun.1330p.520-2f222; Del.S.p.19; *cl. n. 24/33=33*
- v.stanoniformis, Grun.1330p.520-2f220; Lag.1373p.22; So.91.1.23,
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- v.termes, V.H.S.p.30; Del.Syll.1.32;
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- MESOPACHA, E.-Ach.32.1341.357; Mik.pl.15(A)12; (Stanoniformis.)--
- MESOTYLA, E.-Arn.p.131, 1.4-2f7; Mik.pls.1-3f14; 10-1f10; K.B.1.99-
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> mollis, W.Sm. - Cl. Trav. 2p. 26: - (*Schizonema*.)

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> multifida, Cl. Trav. 2p. 43: - (*S. granulata*, ~~major~~ *var. javanica*.)

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- MICROSTOMA, *K. S. A. p.* 71; *R. S. D. p.* 33-3f53; *Weisse.* 1860p. 359-3f32;
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- MICROTATOS, *Part.* 1p. 27-9f30: *Det. S. p.* 130: (Diploneis.)--
- MIKAS, *Part.* 3p. 11-23f33: - (*N. Sp. 10. 11. 12.*)
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- * *v. atomoides*, *Grün.* - *Cl. Nav.* p. 123: (Nav. ac.)--
- MINOR, *Bren.* - *K. S. A. p.* 41--*Syneura parvula*: --- *Grün.* *O. C. p.* 5-1f1: *Prit.*
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- * *v. bahisiensis*, *Grün.* - *V. i. S. pl.* 14f12: (Nav. ac.)--
- * *v. Istriana*, *Grün.* - *V. i. S. pl.* 14f14: (N. Bahisiensis, *vac.*)
- MINUTISSIMA, *Rabh. S. D. p.* 39-3f30: *Prit.* p. 910: *R. E. D. p.* 225:
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- * *v. intermedia*, *Cleve*, *Atlas* 150f7, 3:
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- MODERATA, *Cl.* - *Grün.* 1832p. 143-30f39; *Det. S. p.* 37:
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- MODICUS, *Grün.* 1832p. 149-30f39; *V. i. S. pl.* 14f19; *Det. S. p.* 121;
- * *v. Abyssinica*, *Grün.* - *Part. Flora* 30f39p. 112-114; *Atlas* 133p. 104;
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 * v. *Cohnii*, Hilse. -Cl. 1330p. 41; Navic. p. 129; V. 1. S. p. 10f17:
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 * v. *Goeppertiana*, Hilse. -Cl. 1330p. 41; Nav. p. 129; V. 1. S. p. 10f15, 16:
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 * v. *legumen*, Cl. Nav. p. 130;
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- * v. suborbicularis, O.M.I.C.p. 337-32f23;
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- * v. acuminata, Brin Alp. p. 79;
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- NERVOSA, Brin. -K.S.A.p. 72; (N. costata, "b").----
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OP. 1. D. 1. 375-30142; Atlas 43f15, 16, 74, 75; N. T. 3-3-21; Petit Cat.

1. 22; V. A. S. p. 76-A, f9; Cl. 1330p. 38; Vaga 1. 470; Perag. 1. 59; Villef.

1. 46; Woll. 17f16, 17; Shark River: Det. Syll. 1. 21: Trachyneis p. 10

(Aphora di. 105? - N. di. 105, radiata: Schum. v. 1

* v. stellata, Grun.-V. 1. S. 1. 77-A, f10; Det. S. 1. 21: Trachyneis (Nav. 31.)

RADIOLIS, Reib. Phil. 1. 911; Grun. 1330p. 19-1117; Det. S. p. 31: (Phil.)

REUSSII, Pant. 3p. -33f473; (N. di. 105-radiata.)

RHENANA, E.-Am. 1. p. 101, pl. 7-3127; Phil. 1. 7-117; V. S. 1. p. 73: N. S. 1. p.

33-5f14; R. E. D. p. 223; Det. S. p. 133: (Mastogloia & N. di. 105, radiata.)

RHO, Cleve, Nav. 2. p. 13-1, 2. p. 13-13

RHOMBICA, Grun.-M. S. 1335p. 30-1110; S. G. D. 2. 102; Phil. 1. 933; Carr. 1.

107; R. E. D. 1. 131; Donk. B. D. 1. 53-911; OP. 1. D. 1. 333-3114; Carr. 1. 107,

p. 4; Cl. 1330p. 43; Vaga 1. 500; Nav. 1. 152; Rhombica; Woll. 21f17, 18:

(Nav. lineatus.) ---- Nav. 5. 1335p. 33-5f132: Trachyneis p. 10

* forma latior, Greg.-T. M. S. 1335p. 33-5f1; R. E. D. p. 131:

* v. Japonica, Brun.-Cl. Nav. p. 152: (Schizoneis J.)

RHOMBIDES, E.-Am. 1. 3-1f15; K. B. p. 94-23f45; 30f44; K. S. A. p. 73; R.

S. G. 1. 33-3f15; S. G. D. 1. 46-15f129; 2, 1. 90; Rhombides; Phil. 1. 933;

Amazon: J. R. M. S. 1331p. 231, 234; Grun. 1330p. 510; 1335p. 13-1111; Carr.

D. p. 171; Schum. H. T. p. 63-3f41; Donk. B. D. p. 42-3f11; Law. W. M. D. 1. 10; A.

M. N. 1. 1335p. 151-4f11-13; New Zealand; Carr. 1. 107; Arago 130h: S. G.

1331. 157, f157; Girard 30ss. p. 11-1f15; OP. 1. D. 1. 374-3f11; Rhombides;

St. Sp. 1. 313; M. N. 1. 1335p. 247, 255, 279; 1337p. 1, 173-1301" 2; 173f11, 12;

Petit liste 1. 20; N. T. 3-4-29; Rhombides; M. N. 1. 1335p. 5-10113; Carr.

Richman; Pet. 1333; Woll. 17f19, 10; 22f21; 1310p. 110: (M. N.) 1337p. 106f11

Colletonia viridula & viridis; -Tristitia rh., Saxonia & Carolina:

N. crassinervia; -Vanderhoekia crassinervis & rh.) -- Trachyneis p. 10

* forma elliptica, Grun. in litt.; R. E. D. p. 172;

* sporangialis, Lewis, N. & R. S. 1. 34-2f3; W. M. D. 1. 11-2f10, 11:

S. G. 1337p. 157, f153; Carr. 1. 107: (Nav. fossilis.)

* v. obtusa, Grun. 1330p. 549-3f14; R. E. D. p. 172;

* v. amphiblenoides, Grun.-Cl. 1330p. 47-3f13; (Tristitia & Vanderhoek.)

RHOMBULUS, Grun. 1337p. 55-2f13; (Tristitia & Vanderhoek.)

RHOMBUS, Petit Cat. 1. 23-4f12; J. R. M. S. 1335p. 241-1f12; Carr. 1. 107:

120; Det. S. p. 133: (Trachyneis p. 10)

RHYNCHOCEPHALA, K. B. p. 150-30f35; K. S. A. p. 75; R. S. D. p. 39-3f33; R. E. D.

1. 193; S. G. D. 1. 47-15f132; R. Atl. 211. 337 sub; Phil. 1. 900-7f33; Cl.

1331p. 227; Carr. 1. 107; 1330p. 35; Vaga 1. 400; Carr. 1. 107; Carr. 1. 107;

Schum. H. T. p. 63-3f39; 1334p. 20; Donk. B. D. 1. 33-3f4; Carr. 1. 103; Carr. 1. 103;

Colutsoniana, Grev.-
" var., A.S., Atlas 2 f 11:

nostellata, Atlas 47 f 27:

Kotzeana, Kuhn.
" forma minor, Jn. V.H.S. pl. 14 f 19:-

Gran. 1330p.529; Dippel 1370p.5; Oth. I. O. I. 413-54131; Atlas 47f23, 24, 31, 32;
 Camf. 1.25; Brin Alp 1.30-7f19; M.M.O. 1375p.3-10417; Sm. Sp. 1.No.314;
 M.T.P. 3-2-14; V. I. S. 1. 34-7131; T. I. S. 1. 11131; T. I. S. 1. 11131; T. I. S. 1. 11131;
 9f34; 10f21; Perag. p.30; Delogne; Gallik, Pagan; Hoffmann, Marb.: 521.
 Syll. p.44; Spamer, Duren; Herib. p.101: *Cl. Kar. (2) p.15: Damm. p.25*
 (N. cryptocephala, airrhynchus & Gottlandica.)----

v. *excoertrica*, Grun.-V. I. S. pl. 14f20; Cl. Nav. p. 123:

+ Salicarium, Cl. Nov. 2p. 19: - (t. carassius.)
7 " v. intermedia, Jn. - Cl. Nov. 2p. 19: - (N. cryptoc. v. int.)

7 Santa-cruz, Br. - Le L. 2, n° 22p. 141-22 f. 17.

Scandinavica, Læg. - Cl. Nov. 2p. 48: - (Stauroneis.)

- Schling, Læg.

oooooooo

* v.oblongella, Grun.-V.4.S.pl.14f2f; Harib.p.12f; Cl.Nav.p.11f

(Nav.obl.)----

ROTUNDATA, Hantzsch, in V.4.S.-(test: Grun.)-

(N.p.p.kaza,v.)-

ROTUNDA, E.-Det.Syll.p.137:

(Pinn.)

ROVIGNENSIS, Grun.-Cl.2.V.4.S.205; Det.Syll.p.137: Cl. Nav. 2 p. 35

RUDIS, Cl.2.V.4.S.205-21f7; Det.Syll.p.137: Cl. Nav. 2 p. 35

RUPESTRIS, Harib.-Atlas 45f23-24; Wille: 12f19

(N.p.p.kaza,v.)-

RUPESTRIS, O'M.I.D.p.347-30f17; Kinnora; Det.Syll.p.36; Harib.p.34:

SABAE, E.-Det.Syll.p.133:

(Pinn.)---

SALINARUM, Grun.-Eiben,1871; Cl.2.M.No.107; Sm.Sp.T.No.315; Cl.1330p.

33-2104; V.4.S.205: V.4.S.32-319; T.95; Cl.1331p.32: Det.Syll.p.137

SALVA, A.S.Atlas 45f23; Wille pl.12f9; Cl. Nav. 2 p. 35

SAMBIENSIS, Schum.1357p.53-2f37; Det.Syll.p.33: Cl. Nav. 2 p. 35

SANDENSIS, Grun.-Atlas 50f13, 14; 70f11; Det.Syll.p.33; Cl.1331p.32

497; Det.Syll.p.147: Cl. Nav. 2 p. 35

(Cl.1331p.32)---

SANDRIANA, Grun.1353p.153-15f7; 410f11; Salve; O'M.I.D.p.335-33f17

Det.1373p.41; Atlas 3f10; 70f15; O.D.C.1337p.73; Part.1p.1-90f11

Part.2p.53; Det.Syll.p.105; Cl. Nav. 2 p. 35

* var., Perap.Vill.1p.147;

* var. laevis, Cl. Nav. 2 p. 35

* v.fossilis, Part.2p.53; Det.Syll.p.105:

SANSEGANA, Grun.-Atlas 3f27; O'M.I.D.p.395-33f11; Det.Syll.p.93;

(Dictyonis advena,v.)--

* SATURA, A.S.Atlas 45f27: Cl. Nav. 2 p. 35

SATURNI, Desmaz.-Ann.Sci.Nat.Cr.1p.114f2; 132f10; 505; Rabh.C.18.3p.

47; V.4.S.205; Sm.Sp.T.No.315; V.4.S.11132; L.45f11; 10f11

Syll.p.170; Deloigne; Wille 12f19;

(N.p.p.kaza,v.)-

* var., V.4.S.pl.14f16b:-(N.minima & S.)

SAVANNA, E.-112p.335; Det.Syll.p.100:

SAXONICA, Rabh.-Laf.1373p.32:

(Tristitia.)---

SCALARIFER, Brin 139Ip.33-15f1; Cl. Nav. 2 p. 35

(Allionensis.)---

SCALARIS, O'M.I.D.p.351-30f39:

(Stenonensis.)---

SCALPELUM, E.-K.S.A.p.35: -(N.scalpium; Pl.1331p.101-10f11)---

SCALPUM, Call.1331p.111f11; Harib.1331p.101-10f11;

Ann.1p.3-1f16; Wille 12f19; 10f11; 30f17; K.S.A.101-30f18;

4125; K.S.A.p.35; Harib.1331p.111f11; Wille 12f19; 10f11;

Call.1331p.111f11; Harib.1331p.111f11; Pl.1331p.101-10f11;

SCANDINAVIAE, E.-112p.331-137p.133; Det.Syll.p.137:

SCARSCHMIDTII, Pantoc.1p.28-14f11; 21f35; Wille 12f19; 10f11;

Det.Syll.p.100: Cl. Nav. 2 p. 35

SCIMIZII, Brin 139Ip.33-13f1:

* SCIMIZII, Grun.-Atlas 70f13; Det.Syll.p.100: Cl. Nav. 2 p. 35

SCIMIZIANA, Grun.-Atlas 45f10, 20; Wille 12f19; 10f11; Det.Syll.p.113;

(Trachyneis aspera,v.)--

SCIMIZII, O'M.I.D.p.395-13f17;

(N.Eu.ensis.)---

SCIMIZII, A.Schm.N.D.p.92-3f7, 3; Harib.1331p.111; Laf.1373p.45;

Det.Syll.p.131; Cl.Nav.p.105:

SCIMIZII, Grun.1373p.11-11; O.D.C.1337p.73; 70f15;

Det.Syll.p.134;

(Scalpellum.)

+ Schultzei, N. -

" V. californica, Cl. Nav. 2p. 45-1f26:

" V. monilifera, Cl. Nav. 2p. 45:

+ Schwarzii, var. - Atlas 44f3:

Scoroplocia, Cl. Nav. 2p. 31-:

Scripta, E. alb. Ber. 1840 p. 18:

Scutellaria, v. moorensis, fr. 1882 p. 30 of 65: Cl. Nav. 2p. 40:

Scutellaria, atlas 212 f 16:

" V. Boryana, atlas 212 f 18:

Seductilis,

" var., Per. Vill. p. 49-2f20: - (N. foripata, v. versicolor.) -

Germani Mar. pl. 38-2052: 39-1537:
29-3 f 88, 89:

> semidecora, Brun. - Sci. 2 n°. 22 p. 241-22 f 16:

+ semicruciatu, (Nav. vintis, v. sem.) - Petel, Cap Horn:

seminulum Cl. 1895 p. 13

> semota, A.S. - Atlas 2 f 40, 41:

+ Septentrionalis, Oestr. Mar. D. pl. 8 f 97: Petel, Cap Horn:

- SEMEN, E.-Amer. pls. I-2f17a; 4-2f3; Mik. pls. I-3f11: I3-Iff11: I3-3f23:
I7-2f3; 34-7f10: 33A-I7f2; Abh. Ber. I370 pl. 2-1f36; I371 pls. I(a)f2a3:
I(f)f4: Novu. p. 2f35; V. G. 1.92-23f12; V. G. 2.1.33; A. S. S. I311, I313,
49; R. S. D. p. 33-5f2; S. B. D. Ip. 50-I3f14I; Mull: weisse I35Ip. 273-I7;
Prit. p. 900: Herib. p. 32; Donk. B. C. p. 2f-3f3; Carr. p. 103: R. S. D. p. 103;
Hull: Schum. H. T. p. 63; Nylander, W.: O'M. I. D. p. 413-34f22; Sm. Sp. T. No.
319; Atlas 72f1: 366; C. T.: Ebert, Cassel; V. L. T. 80.93: Minn. I331.
47-I734; Wollé 20f2I; Cl. I39Ip. 36; Nav. p. I33; Del. Syll. p. 4f; *cl. 175p. 10*
(Amphipora navicularis; -N. pusilla, v.: -Pinn.: *Geococconeis flexuosa* app.)
"var. "b", E.-Prit. p. 900: R. E. D. p. I94; (Pinn. S. 311.)--
- +SEMIRODIA, A. S. Atlas Iff15; Vinnora; Del. S. p. 32: *Mar. p. 103*
- SEMINOIDES, Cl. & Grove. -Cl. Nav. p. I39; *S. D. 2, No. 176. 102-7f12:*
- SEMINULUM, Grun. I350p. 532-2f2; S. Grun. I352, I352-3f41; O'M. I. D. p. 413-
+ 34f37; Lagr. I373p. 33-2f9; Gallia, P. 10; Amazon: Cl. I33Ip. 7: Vega p. 49I;
49I; Nav. p. I23: V. H. S. p. I07-I4f3b, 9a; T. No. I43; Bellec, Lichon: Parac.
p. 59; Del. S. p. I35: Herib. p. I19: -(Amphora atomis; -N. Sangeri.)---
"var. ", V. L. S. pl. I4f96:
"v. fragilaroides, Grun. -V. H. S. pl. I4f10; Herib. p. I19: Cl. Nav. p. I23;
- SEMIPLANA, Donk. B. C. p. 26-4f5; Lagr. I373p. 35; O'M. I. D. p. 331; Cl.
Vega p. 465; Del. S. p. I19: -(*Apalpaltralis*, var. s.: -(N. angulosa, "p": -Pinn.)---
- SEMIPECTA, A. Schrn. N. D. p. -If11: Cl. Nav. p. I34;
- SEMPRONIA, Perty. -Klein. Ieb. p. 204-I7f3; Prit. p. 903: Bruggen p. 237:
(N. lanceolata, v. minuta.)
- SENEGALENSIS, E.-Mik. p. 2I2; Del. Syll. p. I90:
- SEPARABILIS, A. S. Atlas Iff3, 5-7, I0, I1: Cl. Vega p. 503: Malaisie; *Reu.*
Wollé I9f27; Del. S. p. 35: (Diploneis erabro, v. parana.)-
- SEPLENARIA, L. W. B. -B. O. N. 4. I36Ip. 354-I73; Del. S. p. I90:
- +SEPTENTRIONALIS, Cl., Vega p. 47I; Atlas 3f7; Del. S. p. I23; *Mar. p. 103*
- SERANS, Biss. -K. S. 1.92-30f23; V. G. A. p. 70: R. S. D. p. 33-3f11; V. G. 1.1.
23f43; R. A. 1. E. No. 634; R. O. Ex. No. 50: 182-21; Will: S. S. D. I. 4f-1f5
I03; Prit. p. 904; Grun. I350p. 539-3f13; R. L. G. p. I72; Alton, 1800; V. L.
M. H. I365p. I6I-4f1-I0: Carr. p. I07: Nylander, W.: Lew. W. M. D. p. 3; Eub. 1.
4. pl. 3f35; Donk. B. C. p. 4I; 3f10: Ell. Sp. T. No. 33: S. B. I337p. I37, I138;
Cl. I333p. 223; I33Ip. 5: M. T. P. 3-4-2; Bran Alp. p. 65-7f2; Q. S. V. S. I372,
p. 36: Pet. liste p. 20; O'M. I. D. p. 375-3f50; Sm. Sp. T. No. 320; Vinnora;
V. H. S. p. I0I-I2f7; T. No. I25 sub; Lake Mich.: Pet. I333: Wollé I0f15:
Del. Syll. p. I4I; Herib. p. I09: -(*Gracilina*; -N. lanceolata, v., & *parana*)
"var. "a" apiculata, Lewis, W. M. D. p. 3-2f5a; Wollé 25f4:
"var. "b", cruciformis, Wollé pl. 25f5:
"v. amphiporaoides, Grun. -Cl. I33Ip. 3:
"v. brachysira, Cl. I33Ip. 5: V. H. S. p. I0I-3, f3I; T. Nos. I26, I27;
Del. Syll. p. I4I: (N. agonina, br., & *ornata*.)-
"v. exilis, Cl. I33Ip. 5:
"v. filia, Grun. -Cl. I33Ip. -I2f9; V. L. G. 30. 100; Del. S. p. I4I;
Herib. p. I09: -(*Anomoneis brachysira*)
"v. minor, Grun. -V. H. S. pl. I2f3; Sm. Sp. T. No. 32I; Vinnora;
Del. S. p. I4I; Herib. p. I09: -(*Anom. brachysira*)
"v. Peragalli, Bran & Herib. -Herib. p. I09:
"v. thermalis, Grun. -V. L. S. pl. I2f10; Del. Syll. p. I4I; -(*Anom. exilis* var. *ther.*)

- > *S. linearis*, Gn. - Cl. Nov. 2p. 28: - (Rhoicaneis Bollana, v.)
 " var. *asymmetrica*, Cl. Nov. 2p. 28: - (Rhoic. Bollana)
 " var. *mediterranea*, Cl. Nov. 2p. 28: - (

S. linearis, Gn. - Cl. Nov. 2p. 28: - (Rhoicaneis Bollana, v.)

Ammonia Dampf. p. 30:

var. A. Schum. Z. p. 87-1719: (1877-14-18, 20 21)

+ Solaris, Cl. Nav. 2p. 32:

Spectabilis - v. marginata, Cl. Nav. 2p. 60: - (v. excavata, p. p.)

" var. angelorum, Cl. Nav. 2p. 60: - (v. excavata, var. angelorum, Jan.; excavata, v.)

" v. hungarica, Pt. - Cl. Nav. 2p. 61: - (v. osnaldi, Pt.) -

" var. excavata, Sv. - Cl. Nav. 2p. 61: - (v. excavata, Sv. - osnaldi, Jan.) -

+ Spec. Tabulis, Cl. Nav. 2p. 60: - (v. tabulis, p. p.)

" var. unguis, Cl. Nav. 2p. 60: -

" var. samaritanensis, Pt. - Atlas 204 17

" " bullata, Cl. Nav. 2p. 60: - (v. bul., v. alutacea)

" " frons, bul., v. alutacea, Cl. Nav. 2p. 60: - (v. bul., v. alutacea, H. Moll.)

" " madagascarensis, Cl. Nav. 2p. 60: -

" " controversa, A.S. - Cl. Nav. 2p. 60: - (v. Herm., v. con.) -

" " abbreviata, Cl. Nav. 2p. 60: -

" " Rauten, Pt. - Cl. Nav. 2p. 60: - (v. Rat.)

Sphaerophora,

" forma minor, H.V.H. 3. p. 7. 123: - (Anom. Sphaer., v. leiceps)

" v. subcapitata, Grun. 1882 p. 157: - (" " ")

Atlas 7f19; Deby Polder p.19; V. u. S. p.91-9f12; "B" f23; T. No. 104;
Tuan 1335p.45-2f35, 36; Brun & T. p.79; Villot p.11; Wollf p.18, 19, 10;
14f12; 20f3; Parag. p.59; Pant. 21.54; Del. S. p.36; Herib. p.104;
(Diploneis s. & major & S., var. subrectangularis; -N. diadema; -N.
elliptica & williamsoni.)----

- var. "b" fusca, Greg. D. C. pp. 14, 39-1f15; Hall:
- (Dipl. fusca, v. Gregorii; -N. fusca & hyperborea.)--
- var. "g" nitescens, Greg. D. C. pp. 13, 39-1f16; J. R. C. 1336p.322; Hall:
- (Diploneis & N. nitescens.)--
- var. "d" suborbicularis, Greg. D. C. pp. 13, 39-1f17:
- (Dipl. & Nav. sub.; -N. forcipata.)--
- v. borealis, Grun. 1334p.4-1f40, 41; Del. Syll. p.37: (Dipl. b.)-
- v. laevis, Dannf. p.30-2f15:
- v. minor, Petit Cat. p.25-3f14; J. R. M. S. 1373p.245-14f14; Pant. 21.54:
- Del. S. p.37: *Petit, Cap Horn*
- v. rhombica, O'M. I. D. p.334:
- v. scutellum, H. V. u. S. p.91; Del. S. p.36: (Nav. l.)--
- v. subrotunda, O'M. I. D. p.333:

SODERLUNDII, Cl. & M. No. 154; Del. Syll. p.193;

SODIROI, Schaarschmidt 1331p.21; Geaw. 1332p.93; Del. S. p.10:-(Pinn.)---

+ SOLARIS, Greg., T. M. S. 1356p.45-5f10; Prit. p.904; R. E. D. p.131; O'M. I.

p.410-34f13; Atlas 45f15; Wollf 1715; Del. S. p.53; Malaisia:

SOLIDA, Cl. 1330p.13, 30-1f24; Vega p.455; Del. Syll. p.30; ~~Del. S. p.30~~

SPATHIFERA, Grove & Sturt. -Atlas 174f23; Bot. Cent. 1333No. 15, 1.37;

Del. S. p.71: (Pinn. lobata: - (N. lobata.)----

SPATHULA, Brun 139Ip.40-15f10: (Caloneis)

SPARSIPUNCTATA, Gro. & St. -J. Q. C. 1336p.323-13f1; Notar. 1337p.343;

Del. S. p.129; *Cl. Nav. 2p.50:*

SPECTABILIS, Greg. D. C. pp. 9, 63-1f10; Prit. p.393; Donk. B. D. p.12-2f5;

Can. p.107; Greg. Verm. p.10; Grun. 1335p.333-1f11; R. E. D. p.175; Cl. 1335,

p.226; Vega p.472; O'M. I. D. p.390; Lagr. 1376p.40; Atlas 3f20, 21; ~~29~~

Fortm. Cey. p.34; Brun & T. p.73; Parag. p.59; Wollf 13f3; Del. S. p.93: +

(Diploneis (& Nav.) pinnata, v. spec.: -N. Grunowii: ~~N. Grunowii~~

var., A. S. Atlas 2f29, 31: 3. f. 2. 9:

v. suborbicularis, O'M. I. D. p.391-32f33; Cl. Vega p.511:

SPECTABILISSIMA, Greg. -T. M. S. 1336p.34-9f19; Fortm. Cey. p.35:-(Vicotia)

SPENCERII, Dickett M. p.19; A. S. S. 1350p.228; J. Q. C. S. 1354p.33;

(Pleurosigma S.)---

SPHAEROPHORA, E. -Amer. pl. 3-4f3; K. B. p.95-4f17; K. S. A. p.75; K. Alp. 34;

R. S. D. p.40-3f35; R. E. D. p.191; S. B. D. p.52-1f143; Prit. p.399; Grun.

1330p.540-2f34; Donk. B. D. p.34-7f12; Del. S. p.75.35; Hall: Cl. 1334p.

227; 1331p.9; Can. p.104; Eichen, 1371; Nylander, s.: Prallus p.38;

O'M. I. D. p.330-3f11; Macdonald pg.10f24b; Atlas 49f49-51; Sm. Sp. 1.

324; Brun Alp. p.37-7f16; Socotra; Petit liste p.19; M. T. P. 3-3-13;

Dannf. p.29; V. H. S. p.101-12f2, 3; T. No. 124; Bellec, Luchon; Parag. p.30;

Belogne; Hoff. Marburg; Spamer, Duren: Del. S. p.140:

(Anomoeoneis; -N. biceps, p.1.: -N. cuspidata, v. ambigua.)--

+ SPHAEROPTERA, E. -Mia. p.370; Del. Syll. p.139:

SPICULA, Hickie. -Cl. Nav. p.110: (Stauroneis hyalina & s.)

SPINA, J. J. Woodward. -Photo, from U. S. Army Museum:

> Spicula, Cl. Trav. 2 p. 31: - (Compare V. directa & pennata.)
> " V. asymmetrica, Cl. Trav. 2 p. 31:

> Stercus-muscarum, Cl. Trav. 2 p. 55-1 f 27:

Streptorhynchus, A.S. Atlas 42 f 7: - (Pinn.) -

- SPIRALIS, O'M.-M.J. 1372p.233-1313; 1375p.101: Del.Syll.p.74;
(N.gemmata ?)
- SPLENDIDA, E.-Beitr. 1332p.31: Inf.p.133-1411:-(N. gemmata; -Fruct. 1332p.31: 1.204; Schm.N. 1.1.17-113, 1; 212; Atlas 1373p.33; Fortm.Cey. 1.20; Atlas 1313p.34; Fortm.Cey. 1.34; O'M. 1.1.1.40-33110; V.H. 1.1.1.73; Cl. 1373p.3; 1373p.15; V.H. 1.1.471, 200; Atlas 1313p.34; S.p.30; Malaisie: *Vaccas 12 f 21, 24* (N. entomon.)---
var., V.H.S.p.90-9f4; Wolle pl. 12f5;
v.diplosticta, Grun.-Atlas 69f22;
v.incurvata, Rabh.E.D.p.204; Del.S.p.31: (N. inc.)---
v.stauroneiformis, Law.W.M. 2.p. -2f9; Del.S.p.31: (N. Braumii.)
STANTONII, Wolle pl. 25f13-15: (Alloionis.)--
- STAUROGERA, B.W.T.-Lake Michigan; Wolle 25f10: Del.Syll.p.190:
STAURONEIFORMIS, A.S. Atlas 43f21; Malaisie:
STAUROPTERA, Grun. 1330p.513; Schm. 1.1.1.73; O.S. 1330p.295-1314: (Pinn. & Lead.; Amazon: O'M. 1.1.1.330-33123; *Atlas 41f20-21; V.H. 1.1.77-31* 7; Malaisie; Grun. 1334p.43-1f13; Del.S.p.25:
(Pinn. s. & divers. 13; -Stauroneis (Stauroneis) 13; -*Fruct. 1332p.31: 1.204*)
var. 'a' gracilis, Grun. 1330p.513-2f13; Pet. & Lead. 1.1.1-1f1;
trib. 1.92: *(Pinn. gracilis 13; -Atlas 41f20-21)*
var. 'g' parva, Grun. 1330p.513-2f19; Schm. 1.1.1.73-4f52;
1339p.33: V.H.S.p.73: Del.S.p.25;
- STELLIGERA, E.-K.S.A.p.70: Prit. 1.901; Del.S.p.145: (Pinn.)
- STODDERI, Greenleaf.-Cleve Nav.p.110: (Stauroneis.)
v. insignis, Grun.-Cl. Nav.p.110-3f13: (Stauroneis lineata, E.)--
- STOKESIANA, O'M. 1.1.1.337-32134; M.J. 1374p.313; 1375p.207:
Del.Syll.p.173:
- STOMATOPHORA, Grun.-Atlas 44f27-29; V.H. Tyre No. 212 sub; Vinnora;
Cl. 1331p.4; Del.S.p.31; Herib.p.95:
- STRANGULATA, Grev.-T.M.S. 1333p.123-12124; Fortm.Cey.p.34;
Cl. 1373p.7: (Dictyonis marginata.)--
- STRIATA, E.-Del.Syll.p.133: (Pinn.)---
- STRIATULA, E.-Inf.p.137-21115; Mik. 1.1.1.12-21110; 13127;
A.S.S. 1342p.93-2121; *Fruct. 1332p.31: 1.204* (Novillia; -Striatula.)---
ST. THOMAE, Cl. 1373p.3-1f4; J.M. 1373p.510-44f4; Del.S.p.35; *Cl. Nav. 1.1.1*
- STOKERII, Cl. 1330p.13, 23-1115; V.H. 1.1.433; Grun. 1334p.51;
Del.S.p.111: (Pinn. quadrulata.)
v. angulicollis, Grun., 1334p.51; Del.Syll. 1.1.111;
v. costator, Grun. 1334p.51-1f32; V.H. 1.1.433; Del.S.p.111;
v. subcontinua, Grun. 1334p.51-1f33; V.H. 1.1.433; Del.S.p.111;
- STYLIFORMIS, E.-Ralfs, in Prit. 1.901:-(Pinn.)-
- STYLUS, E.-Abh. Ber. 1342p.337; Mik. 1.1.104-13A, 13B; Prit. 1.907;
Prit. 1.103; R.E.D.p.225; Del.S.p.130:
- STYRIACA, Grun.-V.H. 1.1.1.1717, 3; Del.Syll. 1.1.102; Pant. 1.1. -12f104;
3f102; 201293; *V.H. 1.1.1.1717, 3* (Styria; -Var. styriaca.)
- SUAVIS, Cl. & Gro.-Cl. Nav. 1.1.155-3f31, 32;
- SURAMITA, E.-Ralfs, Prit. 1.903: Atlas 43f30-33; Del.Syll. 1.1.101;
Herib.p.35: *Prit. 1.903* (Pinn.)
11 var., A.S. Atlas 43f29, 30:

> subdita, u.s. - atlas 2/2 f30:

subsolaris,
"r. brevistriata, G. 1882 p. 143-30 f38: - (Pinn. subso. r. br.)

+ subtilissima, cl. 1895 p. 14:

> Surinamensis, cl. Nov. (2) p. 9-2 f. 1:

Suspecta,
A.S. Atlas 11 f. 25-27:

- SUBTILIS, Grev.-Prit.p.904; R.E.D.p.176; Schm.N.D.p.1.2-3f5, 3; Atlas
Baltic; Sm.Sp.1.No.325; Vitis.1.40; Grun.1.1.73;
(N.lanceolata; -Pinn.)---
var., Parag.Villef.p.46:
SUBTILISSIMA, Cleve 139Ip.37-2f15; Nav.p.14f:-(Stauroneis linearis.)--
SUBULA, K.B.p.91-30f19; K.S.A.p.39; Grun.1360p.543; Prit.p.904; R.E.
D.p.175; O'M.I.D.p.371-3f140; Lagr.1376p.44; Del.Syll.p.159:
(N.fusioides, p.p.)-
var., Grun.1360p.543-1f24; R.E.D.p.175;
SUBULATA, Grun.-Cl.1330p.33; Atlas pl.43f39;
SUBUNDULATA, Grun.-Del.S.p.159:
(Caloneis silicula, v.; -N.firra, v.)
SUBVENTRICOSA, Grun.-Cl.1330p.29-1f19; Vega p.464; Del.S.p.150;
SUCCINCTA, A.S.Atlas 39f32; Del.S.p.76: (Vide N.subeincta.)-
SUDETICA, Hilse.-Del.Syll.p.137: (Pinn.)---
v.Brittanica, Grun.-V.H.Type No.66:
SULCICA, E.-Inf.p.139-2f13; Mik.pl.13-1f12; K.B.p.93-2f13; K.S.A.
p.77; Grun.1360p.513; Prit.p.903: (N.pachyptera; -Pinn.)---
SULCATA, Grev.-Trans. Bot. Soc. Edinb. 1355p.233-3f10; Grun.1.1.73-
3f50; Del.S.p.150; Cl.Nav.p.110: (Cymatoneis; -Stauroneis.)--
SULCENSIS, O'M.-M.O.1372p.233-1f12; Grun.1372p.173; Del.Syll.p.159:
SUMATRENSIS, A.S.Atlas 43f13; Malaisie:
SUPERA, Cleve, Vega p.463-3f123; *Nav. 2 p. 17*; (Stauroneis.)--
v.elliptica, Cl.Vega p.469-3f124; *Cl. Nav. 2 p. 17*
SUPERCADATA, Grun.1330p.40-1f113: (Caloneis.)-
SUPERIMPOSITA, A.Schm.N.D.p.1.2-2f14; Atlas 43f14; Grun.1.1.73;
Villet.p.53-3f129; Del.S.p.177: *Cl. Nav. 2 p. 17*
SURIELLA, E.-Abh.Ber.133Ip.177: (N.viridis.)---
SUSPECTA, A.S.Atlas 11f12, 13; Grun.1.1.73; Wille 12f26;
Del.Syll.p.73: (Diploneis crabro, v.sus.)-
SZABOI, Pantoc.2p.54-6f120; Del.Syll.p.113; Cl.Nav.p.131;
SZONTAGHII, Pant.1p.29-3f25; 23f234; 2, p.54; Del.S.p.15:
(Diploneis.)--
TABELLARIA, (L.)-K.B.p.93-23f79, 80; 30f20; K.S.A.p.30; E.Mik.p.204;
Prit.p.393-12f21; Grun.1360p.313; 1365p.10; 1363p.17; Grun.1.1.73-
12f4; Nylander, w.: O'M.I.D.p.346-30f12; Amazon: Lagr.1373p.25; Atlas
43f4, 13; V.I.S.p.73; Bellise, Lichen: Lake Michigan; J.L.S.1364p.244;
Wille pls.10f23; 2f15; 11f1; Del.S.p.26; Herib.p.93;
(N.(= Pinn.)acrosphaeria & 13f10; 13f11; -13f10; 13f11; var., v.1.)--
v.acrosphaeria, O'M.I.D.p.346: (Nav.2.)--
v.macilenta, Wille pl.20f12, 17: (N.mae.)--
v.stauroneiformis, V.I.S.p.1.73; Prit.1333:
TABIDA, Nylander, 1881:-(Nav.2.)--
TALMIATA, (L.)-Raffs, Prit.p.904-1f15: (Pinn.)--
TAMIENTSIS, Grun.1330p.162-14f13; 1333p.19; R.E.D.p.227;
Del.Syll.p.132: (Caloneis.)---
TASCHENBERGERI, A.S.Atlas 174f3, 9;
(Diploneis gemmata, v.lacrimans; -Dipl.splendida.)-

Tenella, A.S. Atlas 47f45, 46:

Transfuga,
" f. *scutellata*, Pt. - Cl. Nav. 2p. 49: - (*A. irrorata* v. *fos.*)
" *neopaula*, Pt. - Cl. Nav. 2p. 49: - (*var. neup.*)
" *plagiostoma*, Gn. - Cl. Nav. 2p. 49: - (*var. plag.*)

Transitans Cl. - Oestrup 1897 p. 320:

" v. *forma minuta*, Gn. Rega p. 467-36f37; Cl. Nav. 2p. 28;
" v. *gracilenta*, Gn. - Cl. Nav. 2p. 28: - (*var. grac.*)
" v. *incudiformis*, Gn. - Cl. Nav. 2p. 28: - (*var. i. & navicularis*, var.)
" v. *erosa*, Cl. Nav. 2p. 28: - (*A. erosa*)
" v. *asymetrica*, Cl. Nav. 2p. 28: - (*Nav. asym.*) -

TALLEYANA, Grun. I332p. I30-33f39; (Cl. Vega p. 511-51f15; Del. S. p. 107;)
TAU, Cleve, Det. No. I3, p. I4-IffII: *Cl. Nav. (2) p. 9*.
TEMPERI, Br.-Brun & T. p. 43-51f; Det. S. p. 86; Atlas I7fI24; (Pinn.)
TEMPERIANA, Det. Syll. p. 83; (N. scintillans, I. I. f)
TENELLA, Breb.-K.S.A. p. 74; R.S.D. p. 40; Prit. p. 904;
Lake Michigan; V.H.S. pl. 71f1, 22; Cl. I330, v.; Vega p. 49f; (Pinn.) 3f;
wolle 22f15, 16; Det. S. p. 100; *Vega p. 49f*; (Nav. I330, v.) ----
v. fossilis, Pant. 2p. 54-5f9I;
TENUIROSTRIS, O'M.I.D. p. 360-3If9; Det. S. p. I40;
TENUIS, *ag. - Ostrop* 1897p. 320; (Schizonema) -
TERMES, (E.)-O'M.I.D. p. 353-30f35; Atlas 45f37; wolle 9f29, 30;
24f2I, 22; Lake Mich.: Det. S. p. 97; (N. melleo, 12; -Pinn. *v. liliifolia*)
v. stauroneiformis, A.S. Atlas 45f7I; V.H.S. pl. 6fI2, I3;
Det. S. p. 97; (*Pinn. liliifolia*, v.) ----
TERMITINA, E.-Mik. pl. 33-4f4, 5; Atlas 45f34; Amazon: Kinnora;
Det. S. p. 6I; (N. hilseana.) --
THAIIANA, Castr. I337p. 27-20f5; Det. S. p. 79;
THEELI, Cleve, I330pp. I3, 23-Iff22; Vega p. 465; Det. S. p. I5;
THERMALIS, Aratssone. -Det. Syll. p. 29; (Pinn.) ---
THIA, Cl. -Det. No. I5, p. 56-3f5; *Cl. Nav. (2) p. 9*.
THOMASII, Schum. I362p. I32-3f47; I364pl. 3f47; R.E.D. p. I67;
Det. S. p. I70;
THORAX, Brun I39Ip. 4I-I6f6; (Pinn. *To*)
THUMI, Pant. Ip. 29-IOf35; Det. S. p. I30; (Diploneis contigua.) ----
THURLOMIANUS, Canf. p. 27-IffII; Det. S. p. 47; -(N. I330, v. I. T.) -
THURINGIACA, Rabh. Bac. Exs. No. 59; R.E.D. p. 205; Det. Syll. p. I9;
(Nav. Rabenhorstii.) *Pinn. (ata, v. Rabenh.)* -
v. linearis, Gutwinski, Mat. Fl. Galicyi I39Op. 22-IffI9;
Notar. I39Op. I93; Det. S. p. I9;
THURINGICA, K.B. I. IO2-4f27; 30fI6; K.S.A. p. 35;
(Frust. attenuata; -Pleurosigma argulatum & T.) ----
TORNEENSIS, Cleve, I39Ip. 33-2f6; *Nav. 2p. 44*:
v. Aboensis, Cl. I39Ip. 33-2f7; *Nav. 2p. 44*:
TORTUOSA, E.-Ach. Ber. I340p. 27I; Prit. p. 310; Det. S. p. 34-2f23;
Det. S. p. 77; (Scoliopleura.)
TOULAE, Pant. 3p. *L.* -I2fI96; *Cl. 2p. 44*: (N. Schultzei?) --
TRABECULA, E.-Ach. pl. 2-6f29; Mik. pl. 2-3f5; 2-2f6; 3-4f6; 3-3f7;
R.S.D. p. 4I; Bremer p. 267; (N. acuminata, "": -Pinn.) -
TRANSEUGA, Grun. -Cl. Vega p. 51I-51f15; Det. S. p. I07;
TRANSITANS, Cl. Vega p. 497-3f31, 32; Det. S. p. 12; *Cl. Nav. (2) p. 9*.
var. gracilenta, Grun. -Cl. Vega p. 497; *Cl. Nav. (2) p. 9*.
var., Ostrop mar. s. n. l. Hf 43: 1897p. 321.
v. derasa, Grun. -Cl. Vega p. 497-3f32; Det. S. p. 12; *Cl. Nav. (2) p. 9*. (Nav. d.) --
TRANSLUCIDA, O'M.I.D. p. 372-3If4I; Det. S. p. 65;
TRANSVERSA, A.S. Atlas 43f5, 6; Palaisia; Det. Syll. p. 59;
TRANSYLVANICA, Pant. 3p. *L.* -If7;
v. producta, Pant. 3p. *L.* -23f345;

+ TROCHUS, - (~~Anomaeoneis~~ folles)

22 > Troyana, Gen. - in Cl. Am. #275; - (P. Rangoonensis)

TREVELYANA, (E.)-CORK., M.O.I. 1831 p. 1-16; B.S.B. 1873 p. 1-10;
CORK. R.C.P. 183-10f3; O'M.I. 183-30f9; Linn. I. 1791. 31; V.d.S. 1. 74-
"A" f5, 6; T.N. 72: Malaisia; Det. S. 1. 1. 13:
(Pinn.). -
v. linearis, Pant. 3p. - 42f575: (Pinn.). -
TRIGRAMMA, Trevisan Serk. Vol. 41. 54-11f-9; Det. S. 1. 101: (Pinn.). -
TRIGIBBULA, Schum. 1867 p. 53-2f32; 1891. 33-2f25; Det. S. 1. 103;
TRICHOCEPHALA, (E.)-Raffs, Prit. 1. 909; Cl. Vega p. 453-30f29;
Det. Syll. p. 191: (Pinn.). -
TRILINEATA, Grove & St.-J.Q.C. 1837 p. 132-10f8; Notar. 1867 p. 354;
Det. S. p. 67; Cl. Nav. p. 74;
TRINODIS, E.-Inf. p. 179; Mik. pl. 16-1f22; 17-2f22;
(Tabellaria floccilosa). -
TRINODIS, S.B.D. 21. 91; Grun. 1850 p. 551-2f5; Prit. 1. 394; Carr. 1. 100;
Lew. N. & R. S. p. 65-2f6; Gallia, Papan; V.d.S. pl. 14f31a; Lake Michigan;
Cl. 1891 p. 35; Woll. 13f12; Herib. p. 114: (Pinn.). -
(Achnanthidium: Caloneis Schum., v.: -N. laevissima, v., & contorta; -
Rhoicneis: Achnanthus. -
TRINOTATA, Pant. 3p. - 9f152; Cl. Nav. p. 137:
TRIUNDULATA, Grun.-Hedw. Vol. I, p. 27; M.O. 1877 p. 173-195f10; Cl. 1873 p.
5; Det. S. p. 92: (Cymatoneis sulcata). ---
TROCHUS, E.-Inf. p. 179-2f8; Mik. pl. 16-1f13; K.B. p. 99-3f59; K.S.A. p.
81; M.J. 1854 p. 100-4f131; 1856 pl. 1f2; S.B.D. 2p. 102; Prit. p. 399; R.E.
D. p. 190; Schum. 1862 p. 139-9f52; N. & R. S. p. 67; O'M.I. D. p. 369-3f34;
Grun. 1873 p. 15-3f6; J.R.M.S. 1879 p. 679; Lake Michigan; Det. S. p. 152;
(Caloneis & N. Schumanniana; -N. biconstricta, var., & levensis). ---
v. biconstricta, Grun.-Det. Syll. p. 152: -(N. bouosensis & bicon.). ---
TROGLODYTES, Pant. 2p. 54-11f134; Det. S. p. 165: (N. protracta).
TRUANI, Pant. 1p. 29-2f19; Det. S. p. 97: (Pinn.). -
TRUNCATA, E.-K.B. p. 96-3f34; 5f4; K.S.A. p. 77; R.S.D. p. 39-3f67; Breb.
D.C. 1. 13; M.J. 1851 p. 9-1f4; N. & R. S. p. 67; Prit. 1. 957; Sm. Sp. 1. 1. 326;
O'M.I. D. p. 368-3f31; Woll. 23f15, 16; Spaner, Duren;
(N. limosa, v.; -N. cancellata & Donkinii; -Pinn.). ---
TRUNCULUS, Schum. 1867 p. 57-2f42; Det. S. p. 164;
TSCHUKTSCHORUM, Cl. Vega p. 472-37f43; Det. S. 1. 93; (Pinn.). -
TUMENS, S.B.D. 11. 52-17f150; Grun. 1850 p. 541; Prit. 1. 900; Carr. 1. 101;
N. & R. S. p. 71; R.E. D. p. 192; Mull: Eisen, 1871; O'M.I. D. p. 397-3f17;
Deby Poluer p. 20; B.S.B. 1873 p. 32;
(N. Bohemica, constricta, rostrata & scitula: Pinn.). -
TUMESCENS, Grun.-Atlas 49f10; Woll. 13f3; Det. Syll. 1. 117:
(Neidium; -Nav. firma). ---
TUMIDA, Breb.-K.S.A. p. 77; Prit. 1. 910-7f153; S.B.D. 11. 52-17f143; Mull:
New Zealand; Grun. 1850 p. 537-2f43a; Breb. D.C. 1. 13; Schum. 1862 p. 133-
3f51; Carr. 1. 104; Mull: Cl. 1851 p. 229; Nav. p. 155; Marston 1873 p. 1.
2f7; Sm. Sp. 1. 327; O'M.I. D. p. 332; Grun. Alp. 1. 74-7f14; Kimoid;
(N. anglica, Jenneri & pusilla; -N. placenta, v.; -Scoliopterna t. & det)
v. Adriatica, Grun.-Cl. Nav. p. 155: -(Scoliopterna A.). ---
v. lanceolata, Grun. 1850 p. 537-2f44; (Pinn.). -
v. linearis, O'M.I. 183-321f3;
v. subsalsa, Grun. 1850 p. 537-2f43b, c; Stross, Flecken 1. 9-1f10;
(Nav. placenta, v.) (Pinn.). -

+ Tussockia, Cl. Nov. 2 p. 19:

+ valida, Oestrup 1897 p. 319:

> " var. capensis, Cl. Nov. p. 25: Oestrup 1897 p. 319:

> " " Groenlandica, Oestrup 1897 p. 320-2 f 1:

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TUMIDULA, Rabh. S.D.p. 41-5f9; Prit. p. 395; R.E.D.p. 133:

TURGIDA, E.-Abh. Ber. 1330p. 64; Mik. pl. 13-2f21;

(Cystopleura; -Epithemia; -Eunotia.)

TURGIDULA, Pant. 3p. 7. -32f432: CC. *Har. 2p. 63*

TUSCULA, E.-Abh. Ber. 1340p. 21; Mik. pl. 5-11f10; V. l. p. 3; V. S. A. p. 177:

Grün. 1350p. 540; V. d. S. p. 95-10f14; T. No. III: Lake Michigan; Wollé pl.

22f10; Cl. 1391p. 34; Det. Syll. p. 113; Det. S. p. 133: (Pinn. p.)

(Pinnularia; -Stauroneis punctata & l.)

* v. *grata*, Grün. 1352p. 144-30f18; *Har. 2p. 63*

ULMA, (Nitzsch): E. Beitr. 1331p. 64: (Bacillaria & Syndura.)--

ULVACEA, Berk.-Cl. Nav. p. 129: (Dickisia.)-

UMBONATA, E.-Abh. Ber. 1336p. 36; Inf. p. 177-13f5; Weigmann Archiv.,

1336p. 244: (Nitzschia & Syndura thermalis.)----

UNCINATA, E.-Beitr. 1330p. 64: (Epithemia gibba.)--

UNDOSA, E.-Abh. p. 1.2-2f10; Mik. pl. 2-3f9; Abh. Ber. 1371p. 14, f1;

f15; K. B. p. 101-25f33; K. S. A. p. 34; R. S. S. p. 41-3f5; Prit. p. 395;

Berk. R. D. p. 37-6f1; O'M. I. D. p. 359-31f52; Arizon. Wollé 23f13; Det.

Syll. p. 171: (N. cosmaria & quinquecostis

UNDULA, Schum. 1362p. 138-9f37: (Pinn. dicephala.)---

UNDULATA, E., Inf. p. 137-2f16--Denticula:-----Raifs in Prit. p. 395;

R. E. D. p. 208: V. H. T. No. 140: Kinnord; (Pinn. mesostyla.)----

UNDULATA, O'M. I. D. p. 343-30f7; M. J. 1375p. 416; Det. S. p. 14; (Pinn.)

* v. subundulata, Grün.-V. l. Type No. 14094: (Pinn. dicephala)

UNIPUNCTATA, O'M. M. J. 1372p. 236-13f4; Heaw. 1372p. 154; Det. S. p. 73:

UPSALIENSIS, Grün.-Cl. 1330p. 33: Cl. & M. No. 242: (N. menisculus, v.)----

UTRICULUS, E.-K. B. p. 98; K. S. A. p. 73; Prit. p. 909; Det. S. p. 133: (Pinn.)---

VACILLANS, A. S. Atlas 3f61; G. l. p. 34; V. l. S. p. 99-9f9; Wollé,

12f10; 19f22; Det. S. p. 76: (Diploneis; -P. pinnularia.)---

* vars., A. S. Atlas 3f42, 43, 52, 53;

* v. renitens, A. S. Atlas 12f55: (Diploneis V., var. ren.)--

VAGABUNDA, Brun.-Atlas 174f5; (Dipl. ocellata.)----

VALLIANA, Grün.-A. Sch. N. D. p. 177-21f1; Det. Syll. p. 137: *CC. Har. 2p. 74*

VALIDA, Grün. & Cl. 1330p. 32-2f19; Vega p. 459; Det. S. p. 133: *CC. Har. 2p. 74*

* v. minuta, Cleave, Vega p. 459: *CC. Har. 2p. 74*

VANA, A. S. Atlas 69f36; *10-2f27, 28:*

VARIANS, Gr. l. -T. l. S. 1355p. 13-2f20; Prit. p. 912; Lake Michigan;

(b. cymbula, castum, humilis, ventralis, Rhomboidalis.)

VARIOLATA, Cl. -L. S. V. l. 2p. 73-12f7; Atlas 17f135: *CC. Har. 2p. 74*

VASZARYI, Pant. 3p. -16f239: (Achnanthes.)--

VEGAE, Cl. Vega p. 474; Det. S. p. 173: (P. & P. 1355p. 13-2f20; K. S. A. p. 73; Prit. p. 904;

* v. subconstricta, Grün.-Cl. Vega p. 474; Det. Syll. p. 173;

(Nav. Kjellmanni, var. s.)

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VELOX, K. B. p. 91-3f36; K. S. A. p. 69; R. S. S. p. 33-5f12; Prit. p. 904;

R. E. D. p. 174; Spamer, Duren; Wollé 23f21;

VEGETA, K. B. p. 95-30f76; K. S. A. p. 75; R. S. S. p. 33-3f5; Prit. p. 904; Grün.

R. D. p. 43-3f13; Schum. 1357p. 31-2f20; Heaw. 1355p. 9-11f1, 2; 21f10,

1371; O'M. I. D. p. 372-31f45; Sm. S. l. 7. 323; V. H. S. p. 13-3f3, 4; 14f34;

Wollé 23f7: (N. cryptocephala, var. v.: -N. perminuta, pumila, & rhomboidus.)

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" var. intermedia, Cl. Har. 2p. 56:

> intermedia - 20. 57: 172

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VENTER, E. - Det. Syll. p. 190:

(Pinn.)---

VENTRICOSA, E. - Abh. Ber. 1330p. 67: K. B. 1339p. 130-4f10; Mik. pl. 2f37;

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(Caloneis & Nav. silicula, v.: -N. limosa, var., & amphishaena.)-

* v. Jennisseyensis, Grun.-Cl. 1330p. 29-1f18: -(Cal. silicula, var. J.) S. S. 149.

* v. Kjellmanniana, Cl. 1330p. 29-1f17; Det. S. p. 149: -(Cal. sil., v. K.)-

* v. minuta, H. V. A. S. p. 103-12f26; Det. S. p. 149; Herib. p. 113;

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* v. subundulata, Grun.-Cl. 1330p. 29-1f16; Vega p. 464; Det. S. p. 149;

(Caloneis silic. var. sub.)---

* v. truncatula, Grun.-V. A. S. pl. 12f25; Det. S. p. 149; (Cal. sil., v. tr.)----

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VENUSTA, Pant. 2p. 54-5f81: Det. Syll. p. 97: (Caloneis.)

VENUSTISSIMA, Kitten.-J. R. M. S. 1339p. 10: Ann. Bot. Brit. 1921. 17-212;

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VERNALIS, Donk.-M. J. 1369p. 293-13f5: (N. Rheinhardtii & variants.)---

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VICHENSIS, Hantzsch & Petit.-Water. Hydr. des eaux thermales de Vichy:

Mont. Syll. p. 471; Desmaz. 2, No. 504; R. D. Ex. No. 51; R. E. D. p. 173;

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VIRGINEA, Cl. 1373p. 5-1f2; J. M. 1373p. 509-44f2; Det. S. p. 142: -(Cal. 1373p. 5-1f2)---

VIRIDIS, E., Beitr. 1332p. 31: Poggend. All. pl. 3f1; Inf. p. 131-13f13; 2f12:

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134Ip. 96-2f6, 17: -(Pinn.: -N. major, scalprum, sarirella; N. icostauron, v.)-

VIRIDIS, Nitzsch.-K. B. p. 97-4f13; 30f12; K. S. A. p. 73; Hass. Alg. pl. 102f2:

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* Atlas Jannf. p. 23; Atlas 49f9-1f1; Brugger p. 267: Amazon:

M. T. P. 3-2-4; Lake Mich.: Petit & Lend.; liste p. 21; Class. f7; T. M. S.

1377pl. 137f7; Pet. 1333: Nitzsch p. 106-2f137; V. A. S. pp. 3, 73-5f1; T.

55; Bellon, Luchon; Kinnora; Tinn 1335p. 35-1f1; Atlantic City; Pant.

3p. -7f119; Peraz. p. 53; Wille 13f1, 7-10; Malaisia; Det. Syll. p. 11:

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Cymbella laetevirens; -Frust.; -N. viridula, E.: -Pinn. polyptera & v.)---

* forma curta, Herib. p. 34;

* forma longior, Schaalsch.-J. L. S. 1334p. 244:

viridis, K. -

" var. commutata, forma longior, S. L. Rehm. - Fl. 1882 p. 294:

" isokurion, Gr. - (see trichostauron.)

viridula, K. - Fl. 1882 p. 294:

" viridula, Gr. - Cl. Nav. (2) p. 15:

" v. notallata, K. - Cl. Nav. (2) p. 15: - (var. v.; K. rhynch. var. v.)
Oestrup 1897 p. 319:

" forma major, Atlas 47 f. 53, 54:

malpighia, K. -

" var. Oregonica, Cl. Nav. 2 p. 16: Atlas 47 f. 55, 56:

" serotina, Form. 2 p. 14:

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v.commutata, Grun.-V.I.S.pg.73-5f6; T.No.57: J.L.S.I334p.244:

+ Amazon: Truan I335p.36-1f23; Det.Syll.p.II: Herib.p.34: *same p.23*

(Nav.hemiptera & c.)---

v.fossilis, Pant.3p. -12f193; -(*P. distinguenda*)

v.hemiptera, Brun.-LeD.Vol.I, p.20;

v.Patagonica, Lagr.I373p.2I; Cl.I33Ip.I2-16f3; Det.S.p.I2;

v.semieruata, Grun.I332p. : Det.S.p.I2;

v.staurofora, Pant.3pI. -3f93: -(*Pinn. elongata, elliptica*)

v.sublinearis, Grun.I334p.44-1f22; Det.S.p.II: -(Grun.staurofora, c.)--

v.styliformis, Det.Syll.p.II: -(Pinn.s. *styliformis*)

VIRIDULA, E., Inf.p.I33-I34I7; 2f14; Mik.pls.9-1f13; 10-2f45; 11f27:

A.S.S.I34Ip.97: (Frustulia, N., & Nitidula viridis, K.)--

VIRIDULA, K.B.p.4I-4f10, 15; 30f47; V.S.A.p.69; R.S.S.p.33; Wolln: 1:

Prit.p.905: Neipaler p.191-1f27; Cl.I337p.35: I338p.226; Cl.& M.No.

25I; Nares; I330p.33-2f35; I39Ip.3I; R.E.D.p.2f1, f52; Schum.1.T.p.

68; Eiben, I37I; O'M.I.D.p.490-34f14; Pet.liste p.

20; Lagr.I373p.25; I373p.33; Brun Alp.p.30-3f7; S.S.J.No.33; Lenz

Michigan; Dannf.p.26; V.I.S.p.34-7f25, 26; Vinnord; Hoffmann, Marburg;

Perag.p.53; Det.S.p.43; Herib.p.10I: *Cl. Nav. (2) p.15*

(Frust.; -N.gracilis, lanceolata, oblonga, testellata; -Pinn.)----

vars., Cl.& M.Nos.252, 253; *7527; T.No.88; -(A.avenacea)*

v.avenacea, Breb.-V.I.S.p.34; Det.S.p.43;

var."b" Silesiaca, Bleisch.-R.E.D.p.2f4; Cl.I330p.34;

Det.S.p.44: (N. & Pinn.S.)---

v.Ehrenbergii, Brun Alp.p.30-7f23: -(*Char. lance, c. cryptog.* (Nav.E.)--

v.minor, Wolln pl.10f20: *Atlas 47f28; Pinn. elliptica*

v.Slesviensis, Grun.-V.I.S.p.34; T.No.39: Det.S.p.41: -(Nav.S.)-----

VITREA, Cleve Nav.p.III: -(Pleurosigma.)-

VITRISCALA, Brun I39Ip.4I-15f5: *Cl. Nav. 2p.34*: (Alloioneis.)--

VULGARIS, Thw.-Herib.p.33; Pet.liste p.20; Brun Alp.p.33-7f13, 25;

Cl.Vega p.474; Perag.p.6I; Herib.p.109;

(Colletonema; -Frustulia; -Schizonema.)--

v.lacustris, Brun Alp.p.36-3f20; Herib.p.110;

VUKOTINOVICZII, Pant.Ip.29-1f7; 2p.54-12f220; Det.S.p.I3I:

(Caloneis amphisbaena, var.V.)

VULPECULA, A.S.Atlas 2f56; Det.S.p.36: (Diploneis ultimata, v.)-

VULPINA, E.-K.B.p.92-3f43; K.S.A.p.7I; Prit.p.905; R.E.D.p.17I;

V.I.S.p.33-7f13; Cl.Nares; I33Ip.5; I39Ip.3I; Det.Syll.p.4I:

(Cymoella lanceolata, E.) *Cl. I375p.14 Nav. 2p.15*

WANKAREMAE, Cl.Vega p.473-37f47; Nav.p.109: (N.Kydonites, v.)---

WEISSLOGII, Grun.-Cleve Nav.p.152: -(Gronissania.)

WEISSLOGII, A.Schm.I373p.433-3f3, 4; Atlas 1213-29, 31, 32; Malaisia;

Petit Cat.p.23; North.Cey.p.34-9f105; Cl.I373p.4: Vega p.505; V.I.S.

p.90-A, f2I; Villef.p.53; Wolln I3f25; Det.S.p.75: + (Diploneis)

var., A.S.Atlas 12f30;

WEISSNERI, Pant.Ip.29-13f133; Notul.I333p.473; Det.S.p.79:

(Diploneis interrupta, v.)----

WESTERMANI, E., Abh.3er.I330p.117; I333p.117: -(E.ithemia-Cystodonta.)

Wrightii,

" var. *Om.* - M. J. 1867 p. 165-5 f 4 b:

> Xi, Cl. Nav. 2p. 41:

Harringtonii, atlas 2 12 f 4 b: Cl. Nav. 2p. 69:

" *W. americanus*, Cl. Nav. 2p. 69:

" *W. Delavalliano*, K. 85. - Cl. Nav. 2p. 69: - (Nav. Delav.) -

" *W. aradina*, Pt. - Cl. Nav. 2p. 69: - (N. arad.) -

" *W. Phalaenopsis*, Pt. - Cl. Nav. 2p. 69: - (Nav. Phal.) -

" *W. hirsutius*, Pt. - Cl. Nav. 2p. 70: - (N. hirs.) -

" *W. Simlianskiana*, Pt. - Cl. Nav. 2p. 70: - (N. Sim.) -

Zeta, Cl. Nav. 2p. 42:

" *W. mexicana*, Cl. Nav. 2p. 42:

(Zeta in 1867)

> Zosterata (of S. 18) = Nav. *Spines* Cl. Nav. 2p. 31: - (Pett. Cas. 1867)

affine,

" var. *longiceps* Cl. Nav. 2p. 42: - (Pett. Cas. 1867)

- WESTII, S.B.D.Ip.49-16f135; Prit.p.910; Hall: Sm.Sp.7.No.331:
(Scoliopleura.)----
- WILCSEKII, Grun.1334p.46-1f33; Det.Syll.1.124; *Cl. Nav. p.110*
- WILLIAMSONI, O'M.I.D.p.403-33f32; V.H.S.pl.9f5;
(N.didyma, W.S., & Smithii.)---
- WITTII, Grun.-N.L.K.D.p.11-3f31; Det.S.p.174; *Cl. Nav. p.110* (Caloneis.)
- WRIGHTII, O'M.-M.S.1367p.113-5f4; I.D.p.390-32f5;
(N.caribaea, clavata lyra.)--
- YARRASII, Grun.-Sm.Sp.T.No.332; Det.S.p.193; (N.caribaea.)--
- YARRENSIS, Grun.-Atlas 45f1-D; M.T.P.3-2-12; Cl. & M.23f; Vega p.500;
Part.Ip.35-2f20; 21.54-12f19; 10f274; Malaisia: Det.S.p.15; (1895)
" v.bituminosa, Part.21.55-4f74; Det.Syll.1.15; *Cl. Nav. p.69*
" v.gracilior, Part.2p.74-2f323; Det.S.p.16; *Cl. Nav. 2 p.69*
" v.valida, Part.2p.74-12f212; Det.Syll.p.16; *Cl. Nav. 2 p.69*
- YPSILON, Cleve Nav. *1 p.4f10*; - *(Cl. Nav. p.69)*
- ZANARCINIANA, Grun.1350p.523-1f12; Det.S.p.174; (Caloneis.)
- ZANZIBARICA, Grev.-T.M.S.1356p.129-12f22; Atlas 2f5, 3a; Malaisia;
Det.S.p.173; (Diploneis interrupta, v.)
- " v.zebuana, Casti.1337p.3f-23f3; Atlas 129f4; Det.S.p.173; *(Cl. Nav. p.69)*
- ZEBRA, E., Abh.Ber.1330p.113; 1334p.113; (Epithemia.)---
- ZELANTERI, Part.Ip.30-14f113; Det.S.p.131; (Dipl. contigua, v.)--
- ZELLENSIS, Grun.1330p.521-1f34; Schum.1369p.35-2f11; R.E.D.p.207;
O'M.I.D.p.357-30f43; V.H.S.pl.12f14; T.No.129; Cl.1331p.5; Kinn.31a;
Det.Syll.p.34; - *(Cl. Nav. p.69)*
- ZOSTERELLII, Grun.1350p.523-2f23; A.Schm.N.D.1.42-3f3; Atlas 47f42-44;
O'M.I.D.p.403-34f7; Vega pp.463, 497; Villef.p.43; Det.S.p.43; - (Pinn.)+
" v.acutiuscula, Grev.-Cl.Vega p.453; *Nav. 2* - (Pinn.)
" v.szechuensis *Cl. Nav. p.69*
- NEIDIUM.-- (*Fig. 1895*)--
- AFFINE, E.-Gallia.Papan; Cl.139Ip.39; Nav.p.63; (Navicula a.)--
- " v.amphyrrhynchus, E.-Cl.Nav.p.63; (Nav. & N.amph.)--
- " v. " forma major, Cl.Nav.p.63:
(Nav.a., p.p.-Nav.affinis, p.p., -Nav.affinis, v.amph.)---
- " v. " forma minor, Cl.Nav.p.63: *a. Cl. 1895 p.16*
- " v.genuina, Cl., Nav.p.63; *a. Cl. 1895 p.16*
- " v. " forma maxima, Cl.Nav.p.69:
- " " " media, Cl.Nav.p.69:
(Nav.aff., p.p.-Nav.firma, v.subampliata.)----
- " " " minor, Cl.Nav.p.63:
(Nav.aff., & var.; -Nav.bisulcata v.turgidula.)
- AMPHIGOMPHUM, E.-Cl.139Ip.33; Nav.p.69; *1895 p.16*
(Nav.a., firma, p.p., dilatata, iridis var.amphig.)
- AMPHYRRHYNCHUM, Pfitzer 137Ip.39-4f1; Cl.139Ip.39; (Nav.a.)--
- BISULCATUM, Grev.-Cl.139Ip.39; Nav.p.63; - (Nav.o. & seita.)--
- CITREUM, E.-Cl.Nav.p.70; (Nav.c.)--
- DILATATUM, .-Cl.139Ip.33; Nav.p.70; (Nav.d.)--
- DUBIUM, .-Cl.139Ip.33; Nav.p.70;
(Nav.d.; -Nav.iridis, var.d.; -Nav.incurva v.minuta.)---

- FIRMUM, .-Gallik, Papan; Cl. I39 Ip. 39; (Nav. f.)--
 HITCHCOCKII, E. --Cl. I39 Ip. 39; Nav. p. 69: / 895 p. 16; (Nav. H.)--
 INCLUDENS, Pant. -Cl. Nav. p. 70: (Nav. i.)--
 IRIDIS, .-Cl. I39 Ip. 33; Nav. p. 69: (Nav. i.; -Nav. firma v. major.) / 895 p. 16.
 " v. ampliata, E. -Cl. Nav. p. 69: -(Nav. affinis, p. p., & ampliata.) / 895 p. 16--
 LIMOSUM, .-Gallik, Papan: (Nav. l.)--
 OBLIQUE-STRIATUM, A. S. -Cl. Nav. p. 69: (Nav. o-s.)
 PEISONIS, .-Gallik, Papan: (Nav. p.)--
 PRODUCTUM, W. S. -Cl. I39 Ip. 39; Nav. p. 69: / 895 p. 16.
 (Nav. aff., var.; -Nav. p. & iridis, p. p.)--
 TUMESCENS, Grun. -Cl. Nav. p. 70: (Nav. f., var. tum.)---

- NEMATOPLATA. -- (Synq. 63 pl. E, f. 1-4)
 ARGENTEA, Bory Dictionaire, f, 3a: (Fragilaria capricornis & pectinalis.)
 BRACHIALIS, Bory Diet. p. 66 f. 10: (Fragilaria pectinalis.)
 CAPUCINA, Bory Diet.: (Fragilaria c.)
 CAUDATA, Bory Diet.; - Synq. pl. 63 f. 1 (Grammonema striatum, v.)---
 PECTINALIS, Bory Diet.; - (Himantidium l.)
 QUADRATA, Bory Diet.; - Synq. 63 - E. f. 5, 6: - (H. subquadrata; - (Melosira varians.)-

- NEODIATOMA. -- (Munz, 1876)
 ANCEPS, Grun. -Kunze Review. pl. 2, p. 905: Det. S. p. 635: (Diatoma.)
 ELONGATUM, Ag. -Kunze Rev. p. 905, pl. 2: Det. S. p. 635; "
 EXIGUUM, Grun. -Kunze Rev. p. 905; pl. 2: Det. Syll. p. 635; "
 HYMENE, .-Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 OBTUSUM, Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 RHOMBOIDES, O'M. -Kunze Rev. p. 905, pl. 2; Det. Syll. p. 635; "
 VULGARE, Bory. -Kunze Rev. p. 905, pl. 2; Det. Syll. p. 635: (Diatoma.)

- NITZSCHIA. -- (Cressall, 1840)
 ---, Bailey, Amer. Nat. I363p. 510-I3f3, 23: B. aff. f. 1022
 ---, Tanarek I379p. 49: ---, B. S. B. I379p. I6, f. I-20:
 ---, Schum. I369p. 85-2f4, 5: (Tryblionella.)
 ---, Pfitzer I37Ip. 93-3f13, I4; --, Led. Vol. 2, No 21 p. 172-12 f. 7:
 ---, Jour. Roy. Mic. Soc. I393p. I-I f. 7, 3: --, Borscar Russ. D. p. 129-13, f. 9:
 ACICULARIS, S. B. D. Ip. 43-I5f122; Rab. D. ex. No. 56: M. D. pl. I3f13b; deib.
 p. II5; Grun. I362p. 532; Schum. H. 1. p. 30-I f. I7; Cl. I363p. 263; Vega p. 481:
 I380p. IOI-5f102; Hall: Petit liste p. 22; Class. f. 4; Sm. Sp. 1. 333; T.
 M. S. I377pl. I37f4; Brun Alp. p. IO9-5f29; Delogne: V. A. S. p. I35-70f6; T.
 No. 415; Gallik, Papan; Perag. p. 66; Bellac, Luchon: Det. Syll. p. 549;
 Lake Michigan; Herib. p. I74: Borscar Russ. D. p. 126-12, f. 12a, 6:
 (Ceratoneis; -Nitzschiella; -Synedra.)---
 " v. closterioides, Grun. I362p. 532-I2f19; Cl. I380p. IOI; I39Ip. 6I:
 V. A. S. pl. 70f9: Det. S. p. 549; Danf. p. 39: (Nitzschiella c.)---
 " v. closterium, .-V. A. S. p. I35-70f5, 7, 3: (N. clost.)-
 ACLITA, Cleve. -M. J. I379p. 33-2f20;
 ACULA, Htzsch. -Cl. I380p. 90: V. A. S. pl. 63f4: (N. dissipata, v.)--

acuminata, Dammf.p. 36:

- ACUMINATA, W.S.-Cl. & M.No. 156; Cl. 1330pp. 17, 73; Malaisie: Det. Syll. p. 505; V.H.S.p. 173-53f16, 17; T.No. 379; Herib. p. 164; (Tryblionella.)-
 v. genuina, Grun.-Cl. 1330p. 73;
 v. Novae-Zeelandiae, Grun.-In V.H.S. (N. Nov.-Z.)----
 v. subconstricta, Grun.-Cl. 1330p. 71; (N. acum.)-
 ACUTA, Cl. 1373p. 13-3f20; 1330p. 75; Det. S.p. 507;
 (N. Jelineckii var., & formica.)----
 ACUTIUSCULA, Grun.-V.H.S. pl. 68f19-23; T.No. 409;
 Perag. p. 65; Herib. p. 173; (N. amphibia, var.)---
 ADRIATICA, Grun.-V.H.S. pl. 61f2; Cl. 1330p. 34; Det. Syll. p. 522;
 (N. insignis, var., & spathulifera.)-
 AFFINIS, Grun. 1332p. 577-12f16; R.E.D. p. 159; V.H.S. pl. 51f16;
 Cl. 1330p. 39; Vega p. 506; (N. angularis, v.)----
 v. Upolensis, Grun.-Cl. 1330p. 39;
 AFRICANA, Grun.-Cl. & M.No. 197; Det. S.p. 554;
 ALATA, Fortm.-Ann. Bot. Brit. 1392p. 24-2f11;
 AMPHIBIA, Grun. 1332p. 574-12f23; R.E.D. p. 157; Sm. Sp. T. No. 633; Petit &
 Leud.; Pet. 1333: V.H.S. p. 134-63f15-17; T.No. 403; Cl. 1330p. 93; 1331,
 p. 11; 1391p. 61; Det. Syll. p. 543; Herib. p. 172;
 v. var., Dippel 1370p. 4;
 v. acutiusecula, Grun.-Cl. 1330p. 93; V.H.T. 409; Det. S.p. 543 (N. ac.)---
 v. Australis, Grun.-Cl. 1330p. 93; Det. Syll. p. 543;
 v. fossilis, Grun.-Cl. & M.No. 177; 1330p. 93; Det. S.p. 543; a. ce. 1895p. 26; (N. foss.)
 v. Frauenfeldii, Herib. p. 173;
 v. thermalis, Grun. 1332p. 574; R.E.D. p. 157;
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 AMPHILEPTA, E.-Ralfs, Prit. p. 730; Grun. 1332p. 557; R.E.D. p. 132;
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 AMPHIOXYIS, S.B.D. Ip. 41-13f105; Mull; Prit. p. 730; Grun. 1332p. 555; Cl.
 1337p. 63; 1338p. 23; Herib. p. 116; Strose, Kleiken; R.D. Ex. No. 57; R.
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 (Ceratoneis; -Eunotia; -Hantzschia.)
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 " longissima, W.S.-R.E.D. p. 152; (N. sigmoides, "b".)--
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 v. vivax, Grun. 1332p. 555; (N. v.)---
 AMPHIPRORA, Grun.-Cl. 1330p. 31; Vega p. 479; Det. Syll. p. 513;
 (Amphiprora nitzschioides.)-- C. Stimp 1897p. 331;
 ANGILOLULA, Schum. 1337p. 53-1f12; Grun. 1373p. 12; Dannf. p. 33;
 (N. signa, var.)
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- ANGULARIS, S.B.D. Ip.40-13fII7; Breu.D.C.p. ; Prit.p.732; Rapa, Tha.:
 Grun.1332p.531; Herib.p.112; Carr.p.32; Hull; R.E.D.p.151; Reimbard;
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 93; Vega p.430,506; V.4.S.p.177-52fII-14; Part.p.72; 1381p.11; 1382p.11;
 Wollé 43f24-26; Del.Syll.p.525; Malaisie: *Oestrup 1897p.332*;
 * forma Upolensis, Grun.-Cl.1330p.39; Del.S.p.525;
 * v.affinis, Grun.,V.4.S.p.177; Del.S.p.525; (Nz.a.)---
 * v.borealis, Grun.,Cl.1330p.39-5f99; Vega p.430; Del.S.p.525; *Oestrup 1897p.332*;
 * v.Kariana, Grun.,Cl.1330p.39-5f100; Vega p.430; Del.S.p.525;
 * v.occidentalis, Grun.,V.4.S.pl.33f15; Cl.1330p.33; Del.S.p.525;
 ARBUSTATA, W.S.-Grun.,Cl.1330p.73; 1391p.59; V.4.S.p.172-57f22-24;
 Winora; Wollé 44f13,19; Del.S.p.500; Herib.p.113; (Trybl.)--
 * v.acuta, Cl.1330p.73; Del.S.p.500; *Oestrup 1897p.332* (Trybl.)--
 * v.culta, Grun.-V.4.S.p.172-57f25; 1^oNo.373; Del.S.p.500;
 ARTECLOVIANA-Part.1p.41-3f12; 2p.72; Notat.1333p.537;
 Del.S.p.515; (N.110bentura,v.)--
 * forma interrupta, Part.-Del.Syll.p.517;
 ANTICIA, Grove & Sturt.-D.C.D.1337p.73-52f11; 1338p.137; 1339p.137;
 (N.Groveana.)-
 ANTIQUA, Part.1p.41-24f220; Notat.1333p.537; Del.S.p.529;
 * v.cavernosa, Brun.-LeD.No.12p.173-24f12; (Eunotia?)---
 APICULATA, Greg.-Grun.1373p.21; Cl.1330p.73; 1381p.11; Vega p.479;
 1391p.59; V.4.S.p.173-53f26,27; *Oestrup 1897p.320*; (Trybl.)--
 ARCUATA, Greg.-M.J.1359p.33-3f4-7; Prit.p.731; Carr.p.31; R.E.D.p.
 152; Cl.1330p.99; Del.Syll.p.545;
 ARCUATO-SIGMOIDEA, Koslowski,1390,Vol.2,p.27-1f2; Del.S.p.529;
 ARCULUS, Suring.3ap.p.II-1f13; Heaw.Vol.5p.55; Vol.9p.130;
 (N.vermicularis.)--
 ARCUS, Bulnheim.-Rabh.Alg.No.731; Heaw.1359p.22-2f1; (N.obtusa,var.)
 ARMORICANA, Grun.1332p.570; Gannf.p.33; V.4.S.pl.33f3; Gallie,Palan;
 (N.sigmoidea,v.; -N. & Sigmatella Brebissoni; -Synedra.)-
 ASIATICA, Brun & T.p.45-1f14; 9f15; Del.S.p.551;
 BADAMONIS, Grun.-Cl.1330p.73; V.4.S.pl.37f23; Del.S.p.551;
 BICUNEATA, Grun.-Cl.1330p.75; Del.S.p.503; (N.Graeffii.)--
 BICUSPIDATA, Part.2p.72: 3p.72-4f53; Del.S.p.551;
 BILINEATA, Grun.-Cl. & M.Nos.145,146; 1330p.73; Del.S.p.509;
 BILOBATA, S.B.D. Ip.42-15fII3; Carr.p.32; Hull; Lew.N. & R.S.p.66; Sm.
 S.1.T.No.333; V.4.S.p.173-50f1; Cl.1330p.99; 1381p.11; Stark River;
 Villef.p.57; Wollé 43f5,6,15; 112f15; Del.Syll.p.514; Herib.p.113;
 (Nz., Amphiprora & Scoliopleura latestriata.)---*Oestrup 1897p.332*;
 * v.hybrida, Heribard p.113;
 * v.minor, Grun.,V.4.S.pl.30f2,3; Villef.p.59; Del.S.p.514;
 BIROSTRATA, S.B.D. Ip.42-14fII9; Lew.N. & R.S.p.71; Sm.S.1.T.No.336;
 Parag.p.33; Villef.p.53; *Jatm. JM p.18*; (Nz. & Ceratoneis longissima.)-
 BITUMINOSA, Part.2p.72-13f239; Del.Syll.p.552;
 * var.tendior, Part.2p.72-14f252; Del.S.p.552;
 BLEISCHII, Janisch.-Bleisch 1331p.73; Rabh.Alg.1351 sub; Del.S.p.531;
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Chortium, Latm. D.M. p. 19.

+ communis, Rab..

+ " v. abbreviata, Oestrup 1897 p. 333.

- v. gigantea, Gran. I363p.574; R.E.D.p.157;
 BREBISSONI, S.B.D.II.33-31f266; Prit.p.73I; Carr.p.3I; Bull. N. .
 p.155; M.T.P.I-4-25; Sm.Sp.T.No.337; Dannf.p.37; V.H.S.p.I73-6414,5;
 T.No.393; Cl.I380p.9I; Belloe, Luchon: Perag.p.34; Villef.p.57; Wollé
 45f6,3; Del.Syll.p.529; Herib.p.I63: *J.Q.C. 1870 p.40.*
 (Nz. & Syneura Armoricana; -Sigmatella.)-
 v. borealis, Gran.-Cl.Vega p.480:
 BREVISSIMA, Gran.-V.H.S.pl.57f4: (N. obtusa, v.)--
 BREVISTRIATA, Gran.-Cl.I380p.39; Del.S.p.523;
 BRIGHTWELLI, Kitton.-Prit.p.730-3f7; R.E.D.p.I62: Cl.I380p.77:
 Del.S.p.510: (N. punctata, L.W.B.)-
 CALIDA, Gran.-V.H.S.pl.59f4,5; Cl.I380p.75; I38Ip.II: Del.S.p.506;
 Herib.p.I64: (N. tryblionella, v.)--
 CAMPEACHIANA, Gran.-Cl.I380p.74; Vega p.513; Wollé 45f2,3:
 M.J.I380p.395-I3fI6; Del.S.p.506;
 CAMPROCARPA, K.- (Navicula c.)--
 CIRCUMSUTA, Bailey.-Eiber, I37I; Gran.I373p.2I; M.T.P.I-5-I; Mobile;
 V.H.S.p.I74-59f3; T.33I; Cl.I380p.77; I39Ip.59; Wollé 44f7; Del.S.
 p.510: *Dannf. p.364* Surirella; -Trybl. c., Peruana & scitellum.)--
 CLAUSII, Htzh.-Gran.I362p.572; ~~I373p.22~~; Heaw.Vol.2p.40-3f7; Rabh.
 Alg.No.944; Pet.liste 1.22; V.H.S.pl.33f10; Belloe, Luchon: Gallik,
 Papan: (N. curvula, v., & sigra, var.)---
 CLOSTERIUM, S.B.D.II.42-I5fI20; Bull; Gran.I362p.532; Herib.I.II5; Cl.
 I367p.333; I363p.236; I373p.27; I380p.I0I; Vega p.48I; Bul.Sp.T.No.
 72; Lew.N. & R.S.p.63; Dannf.p.33; V.H.S.pl.70f5; T.No.4I6; Perag.p.
 33; Shark River; Lake Michigan; Wollé 40f10-I3, I3; *Oestrup 1897 p.333*;
 (Ceratoneis; -Homoeocladia Agardhii; -Nz. acicularis, var., & longissima,
 var.; -Nitzschiella; -Syneura closterioides.)-
 v. var., V.H.S.pl.70f7,3: ~~Cl. I373p.22~~
 COARCTATA, Gran.-Cl.I380p.63; Cl. & M.Nos.I54, I55 sub; Malaisie;
 V.H.S.pl.57f4; Wollé 44f10; Del.S.p.493: (Nz. punctata; -Trybl.)---
 COCCOLETHOIDEA, Gran.-Cl.I380p.33; Cl. & M.Nos.I73, I95, I96:
 M.M.J.I380p.395-I2f5; Del.S.p.496;
 COMMUNATA, Gran.-Cl.I380p.79: (Nz. umbra, v. minor, w.S.)--
 COMMUNIS, Rabh. Alg.Nos.343, 949; R.E.D.p.I59; Gran.I362p.573-I2fI3;
 Schum.H.T.p.59-I5fI6; I369p.35-2fI; Sm.Sp.I.3-I5; Gallik, Papan;
 M.M.J.I375p.3-I09fI3; Brun Alp.I.I03-5fI3; V.H.S.p.I34-69f32; T.No.
 219; Cl.I380p.97; I39Ip.3I; Belloe, Luchon: Delogne; Perag.p.35; Wollé
 40f24,25; Malaisie; Del.Syll.p.542; Herib.p.I72: *A.G.C. 1896 p.26*;
 (Syneura mucicola & notata.)-
 v. abbreviata, Gran.-V.H.S.pl.I31-39f35; Cl.I380p.97; Del.S.p.511;
 v. obtusa, Gran.-V.H.S.p.I34-69f33,34; Cl.I380p.93; Del.S.p.543;
 Herib.p.I72;
 v. perpusilla, Rabh.-Sm.Sp.T.No.339;
 COMMUTATA, Gran.-V.H.S.p.I75-59fI3, I4; Belloe, Luchon: Perag.p.34;
 Villef.p.57; Herib.p.I65: *Oestrup 1897 p.333*; (Nz. umbra, "n".)
 CONCINNA, Gran.-V.H.T.series 22; Bot.Centr.I333p.324; Del.S.p.517;

constricta Darin p. 36:

> delicatissima, Cl. 1897 p. 24-25 f22

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- CONSTRICTA, Grev. - Ralfs, Prit. p. 730; Grun. 1332p. 537; 1333p. 3; Amazon: Cl. 1333p. 233; 1373p. 27; 1380p. 71; Vega p. 473; R.E.D.p. 152; Florel, Baltic; Pet. liste p. 22; Bellec, Luchon; Brun Alp. p. 103-5f13; Delogne; Lagr. 1373p. 23; Sm. Sp. T. No. 333; V.H.S.p. 172; Villef. p. 56; Malaisie; Det. Syll. p. 502; Herib. p. 133; (Nz. & Syneura dubia; -Trybl.) --
 " forma parva, V.H.S.p. 173-53f3; Det. S.p. 503; *Syneura*
 " v. bombiformis, Grun. - Cl. 1330p. 71; V.H.S. pl. 53f9; Det. S.p. 502;
 " v. genuina, Grun. - Cl. 1330p. 71;
 " v. major, Grun. 1332p. 537; (Nz. dubia.) ----
 " v. minor, Rabh. Alg. No. 1503; R.E.D.p. 153;
 " v. similis, Grun. - Cl. 1330p. 71; Det. Syll. p. 502;
 " v. subconstricta, Grun. - V.H.S. pl. 53f7; Cl. 1330p. 71; Det. S.p. 502;
 COSTATA, Pant. 3p. - 4f536;
 CUNEATA, Suringar Japon p. 9-1f9; Heaw. Vol. 7p. 53; Vol. 9p. 130;
 (Nz. stapharum; -Surirella multifasciata.) ----
 CURSORIA, Donk. - Norman, Hull list; Cl. 1330p. 39; Vega p. 506; V.H.S. pl. 62f19; Wolle 22f17; 43f13; Malaisie; Det. S.p. 523; (Bacillaria.) --
 CURVIROSTRIS, Cl. 1373p. 13-3f21; 1330p. 101; J.M. 1379p. 33-2f2;
 Malaisie; Det. S.p. 543; (Nz. longissima, v.) --
 " v. closterium, E. - Det. Syll. p. 543; (Nitzschiella c.) ---
 CURVULA, E. - S.B.D. 2p. 39; Grun. 1335p. 9; Schum. 1339p. 1. 2f15; Hall;
 R.E.D.p. 153; M.M.J. 1374p. 23; Grevillea 1374p. 39; Amer. Nat. 1373p. 536; Perag. p. 36;
 (Navicula; -Nz. sigma, v. curvula & signatella; -Syneura.) -
 " v. subcapitata, Htzh. - Rab. E.D.p. 153; (Nz. Clausii.) --
 " v. subrecta, Grun. - Rab. E.D.p. 153; (Nz. s.) -
 DAVIDSONI, Dickie & Grun. - Amazon; Cl. 1330p. 75; Det. S.p. 503;
 DEBILIS, Arnott. - Sm. Sp. T. No. 390; Prollius p. 33-2f13; V.H.S.p. 172-57f19-21; T. No. 412; Cl. 1330p. 33; Spamer, Duren; Det. S.p. 493;
 (Nz. palea, v.; -Trybl. a., ovata & Sauteriana.)
 DECORA, Kitton. - M.M.J. 1373p. 203-38f3; (Nz. Jelineckii.) ----
 DELOGNEI, Grun. - V.H.S.p. 134-"C" f33; T. No. 103 sub; Det. Syll. p. 543;
 DENTICULA, Grun. - Cl. & M. No. 224; 1330p. 32; 1331p. 11; 1391p. 57; Kinnora;
 Dannf. p. 37; V.H.S.p. 175-30f10; T. 334; Lake Mich.; Wolle 43f31-33;
 Det. S.p. 513; Herib. p. 135; A. Cl. 1895p. 26;
 (Denticula Kutzingii & minor.) ----
 " v. Delognei, Grun. - V.H.S.p. 173-30f9; Det. S.p. 519;
 " v. minor, Cleve, Vega p. 492-37f33;
 DIANA, E. - Ralfs, Prot. p. 730; Grun. 1332p. 557; R.E.D.p. 152;
 Det. S.p. 553; Eunotia.) -
 DILUVIANA, Cl. Vega p. 501, 513-37f37; Cl. & Dent. p. 139;
 Det. S.p. 497; (N. punctata, v.) ----
 DIPPELLI, Grun. 1332p. 155; Det. Syll. p. 515;
 DISSIPATA, Rabh. Alg. Eur. No. 943; R.K. Fl. p. 50; R.D. Ex. No. 30; V.H.S.p. 173-33f1; T. No. 391; Cl. 1330p. 90; 1391p. 30; Lake Mich.; Wolle pl. 19f20; Det. S.p. 527; Herib. p. 137; *Petit. Cap. form.*
 " v. acula, V.H.S.p. 173; Det. S.p. 527;
 " v. media, Htzh. - V.H.S.p. 173-33f23; Det. Syll. p. 527;
 Herib. p. 137; (Nz. media.)

+ distans, Cestrum 1897 p. 331: Fortm. D. M. p. 19:

7 diversecostata, Bn. - L. D. 2, n. 16 p. 78-5311:

DISSIPATA, H.L.Sm.Sp.T.No.340:-(N.minutissima,W.S.)----

DISTANS, Greg.D.C.p.58-6f103; T.M.S.I357p.79-1f44; Prit.p.732; Carr.

+ p.32; R.E.D.p.16f; Cl.I373p.25; I380p.37; Pet.,Nimrod; Lapp.I378p.29; Malaisie; V.H.S.pl.62f10; Villef.p.57; Det.Syll.p.524:-(N.eximia)

" v.Australiensis, Grun.-Cl.I380p.37: Det.S.p.524;

" v.Quarnerensis, Grun.,Cl.I380p.37: Det.S.p.524; Vega p.512:-(N.Q1.)--

" v.sigmoidea, Grun.-Cl.I380p.87; Det.S.p.524:

" v.subsigmoidea, Grun.-V.H.S.pl.62f16;

" v.tumescens, Grun.-Cl.I380p.37; V.H.S.pl.62f17; Det.S.p.524;

(Nz.Quarnerensis,v.)---

DOLJENSIS, Pant.Ip.4I-2f14; Notar.I333p.537; Det.S.p.497;

(Nz.granulata,v.)--

DUBIA, S.B.D.Ip.4Ipls.I3,I4f112; Grun.I362p.563; Carr.p.82; Lew.N.&

R.S.p.71; Schum.I357p.53; I359p.35-215; Rab.Alg.E.91f; 35p.1, Thallus;

Hull: Eiben,I37I; M.T.P.I-4-II: Dannf.p.37; Sm.Sp.T.34I; Cl.& M.I79:

Gallia,Papan; V.H.S.p.I74-59f9-I2; T.332; Cl.I380p.77; I38Ip.II; Vega

p.479; I39Ip.59; Perag.p.64; Wille 44f5,6,II: Det.S.p.511; Herib.p.

I35; *Fertum Dm. p. 19*; (Synedra constricta.)----

" var."b"constricta, Breb.D.C.p. ; Schum.I357p.53; Carr.p.82

Hull: (Nz.con.)----

" v.minor, S.B.D.Ip.42-3If112b; Grun.I362p.563-12f24;

Det.Syll.p.554 (Nz.commutata.)--

EHRENBERGII, Ralfs, Prit.p.732; R.E.D.p.152:---Synedra amphilepta:----

EHRENBERGII, Schum.I362p.I77; I364p.I9: (Synedra spectabilis.)----

ELEGANTULA, Grun.-V.H.S.pl.69f22a: (Nz.microcephala,v.)

ELONGATA, Hass.Alg.p.435-102f12:

(Nitzschia; -Nz.sigmoidea; -Sigmatalia nitzschii.)

ELONGATA, Htzh.-Hedw.Vol.2p.35-6f5; Grun.I363p.97; Gallia,Papan;

V.H.S.pl.66f7,3; Malaisie: (Nitzschia; -Nz.amphioxys,v.)--

ENTOMON, .-Ralfs,Prit.p.730; R.E.D.p.153; Det.S.p.553: (Synedra.)

EPITHEMIOIDES, Grun.-Rab.Alg.No.2033; Eiben,I37I; Dannf.p.37; Cl.I380,

p.32; V.H.S.pl.60f6-3; Wille 43f12-14; Det.S.p.513:

EPSILON, Kitton.- (Rutilaria.)---

EXIMIA, Grun.-Cl.I380p.33; Det.Syll.p.525: (N.distans,v.)-

FASCICULATA, Grun.I373p.2I; V.H.S.p.I39-66f11-I3; Wille 40f14-17;

Det.S.p.532: (Homocladia sigmoidea; -Nz.sigma,v.)---

FEBIGERI, Grun.-Cl.I380p.3I; J.R.M.S.I380p.395-10f15; Wille 43f1;

Det.S.p.514:

FLEXA, Schum.I362p.I36-3f23; R.E.D.p.156; (Nz.sigma,v.rigida.)

FLEXELLA, Breb.- (Nz.obtusa,v.)

FLEXUOSA, Sm.Sp.p.11-1112; Hedw.Vol.9p.130; Det.S.p.771;

FLOMINENSIS, Grun.I362p.561-12f13; R.E.D.p.152; Cl.Jav.p.12; I380,

36; Vega p.501,507,512; V.H.S.pl.62f3,4; Wille 43f20; Malaisie;

Det.Syll.p.523;

" v.angusta, Cl.I380p.36; Det.Syll.p.525;

" v.majuscula, V.H.S.pl.62f5;

" v.serrulata, Cl.& M.No.I13; I380p.37; Det.S.p.523: (Nz.maj.)--

> fraudulenta, de Scot. p. 300, f. 11: 1897 p. 24:

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> Gracilis, de Scot. p. 300, f. 11: 1897 p. 24:

- MONTICOLA, Grun.-Cl. & M.No. 174; 133fp.7; 139Ip.5f; V.
H.S.pl.39f15-20; Bellec, Lichon: Perag.p.35; Herib.p.171:-(N.113a,v.)
- FORMICA, Hutz.133fp.2f-2f3; M.T.P.1-5-2; Fortm.Cey.p.39;
(Nz.acuta & Delinckii:-Trybl.famelica.)----
- FOSSILIS, Grun.-V.H.S.pl.33f24; Herib.p.173: (Nz.amphibia,var.)--
- FRAGILIDICES, Grun.-Cl.133fp.37; Del.Syll.p.544: (Nz.113b,117)-
- FRANCONICA, Rinsch 133fp.25-11f; Law.Vol.1.110; R.L.2.1.77;
- Rach.Alg.Eur.130f; Del.S.1.502;
- FRUENHELDII, Grun.-Cl.133fp.93; V.H.S.pl.33f18; Del.S.p.545;
(Bacillaria;-Nz.amphibia,v.)-
- FRIGIDA, Grun.-Cl.133fp.94-5f10f; Vega p.43f; Del.S.p.53f;
- FRUSTULUM, H.L.Sm.Sp.1.No.342; wolle 40f22,23;
- FRUSTULUM,K.-V.H.S.p.134-33f23,29; Cl.133fp.93; 139Ip.6f; Pant.2p.72;
Perag.p.35; Bellec, Lichon: Del.S.p.518; Herib.p.173;
(Nz.inconspicua & Hantzschiana;-Synedra.)---
vars., V.H.S.pl.33f27: --, Herib.p.174;
v.acuta, Pant.2p.72-3f107; Del.Syll.p.544: (Nz.111.)-
v.Bulnheimiana, Grun.-V.H.S.pl.33f30; Herib.p.173: (Nz.111.)-
v.constricta, Pant.2p.72-3f100; Del.S.p.544;
v.curvata, Pant.2p.72-3f150; Del.S.p.544;
v.glacialis, Grun.-Del.Syll.p.544: (Nz.111.)--
v.hungarica, Pant.2p.72-3f43; Del.S.p.544;
v.minuta, Pant.2p.72-3f104,105;
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v.obtusa, Pant.2p.72-3f100; 11f102; Del.Syll.p.544;
v.perminuta, Grun.-V.H.S.pl.33f31; A.C.1895p.26: (Nz.111.)---
v.pergusilla, V.H.S.p.134; Herib.p.173; (Nz.111.)-
v.tenella, Grun.-V.H.S.p.134-39f30; 1.No.410: (N.minuta,Bleisch.)-
- FUSIDIUM, H.L.Sm.Sp.1.No.343; (N.minuta,Bleisch.)-
- FUSIFORMIS, Grun.-Cl.133fp.95; Pant.2p.73; Del.S.p.53f;
- GELIDA, Grun. & Cl.-Vega p.430-33f70; Del.Syll.p.53f;
- GIGANTEA, B.-Ratis, Pant.1.62; Grun.133fp.35; Del.S.p.538;
(Synedra G. & Libyca.)--
- GLACIALIS, Grun.-V.H.S.pl.39f9; Cl.Naz.2; (N.frustulum,v.)
- GRACILEMA, Hantz.-Sm.Sp.1.No.344:-(Nz.linearis,v.)*1876*
- GRACILIS, Grun.-Sm.Sp.1.No.345: *1876* 2: (N.113b,117)
- GRACILIS, Hutz.-Rach.Alg.*1876* No.94; Law.Vol.1.110; R.L.2.1.77;
59-1113; R.L.2.1.135; Petit 1130p.22; V.H.S.pl.33f11,12; Cl.133fp.93; Del.Syll.p.540; *Dampf* 27 (N.113b,117)
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- GRANDIS, Kitton.-M.M.O.1374p.219-3215,5; Cl.133fp.33; Del.S.p.520;
- GRANULATA, Grun.-Cl. & M.No.204; M.M.O.1330p.395-1217; V.H.S.pl.117f;
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- GRANULOSA, Fortm.Cey.p.40-3f37; Del.Syll.p.514;
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- * var., Cl. Vega p.512;
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Cl. & M. No. 223; (N. signa, v.)--
- HABITUALI, Rabh.-Det. Syll. p.550; (Nitzschia & Synchaeta.)---
- HAMIZSCHIANA, Rabh. Alg. Eur. No. 943; Grun. I380p.40-5f5; Grun. I382p.
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- * v. laetialis, Grun.-Cl. I330p.99; Det. Syll. p.521;
- HOMOCLODIA, Grun. I382p.575; R.E.D. p.153; V. A. S. p.1.201, 2; Cl. I330p.
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- HUNGARICA, Grun. I382p.53-12f21; I373p.21; Grun. I380p.30-2f2; R.E.D.
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- * v. linearis, Grun.-V. A. S. p.1.53f23-25; Cl. I330p.73; Det. S. p.501;
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- HYBRIDA, Grun.-Cl. I380p.79-5f95; Vega p.479; Filizel, Balt.; Danf. p.
37; V. A. S. p.1.501, 5; Grun. I384p.53-11f1; Det. S. p.573; (N. bilobata, v.)
- * v. Krykonites, Cl. Vega p.479-33f65; Det. S. p.513;
- * *Wille 14f12, 13; Malaisia; Det. S. p.501;*
- HYPERBOREA, Grun.-Cl. Vega p.479;
- * v. Nystromii, Grun.-Cl. Vega p.480;
- IGNIMONTANA, Brun & Heib.-Heib. p.223-3f10;
- INCONSPICUA, Grun. I382p.575-12f25; R.E.D. p.150; Cl. & M. No. 123;
I380p.99; I382p.7; V. A. S. p.1.69f6; Det. S. p.545; Heib. p.174;
(N. frustulum, var., & perisilla.)-
- INCUSIANS, Grun. I382p.533-12f21; R.E.D. p.152; Sm. Sp. T. No. 345;
V. A. S. p. I32-63f5, 6; (N. lanceolata, v.)---
- * v. arida, Grun. I382p.533-12f19; R.E.D. p.152;
- * v. minor, Grun. I382p.566-12f10; R.E.D. p.152;
- INCURVA, Grun. I373p.23; V. A. S. p.1.70f13, 14; (N. Lorenziana, v.)---
- INSIGNIS, Greg.-T. N. S. I357p.30-11f4; Prit. p.732; Grun. I382p.564; Will;
+ Carr. p.31; Cl. I373p.663; I383p.233; I380p.33; I373p.227; Sm. Sp. T. No. 349;
Lagr. I376p.27; Villef. p.57; Det. S. p.521; (N. Asiatica; Pritchardia.)-
- * v. Arctica, Grun., Cl. I380p.34; Vega p.479; Det. Syll. p.521;
- * v. genuina, Grun.-Cl. I380p.34; Vega p.513;
- * v. marginifera, Grun.-Cl. I380p.34-6f105; Vega p.479; Det. S. p.522;
- * v. Mauritanea, Grun.-Cl. I380p.34; Det. S. p.521;
- * v. Mediterranea, Grun.-Cl. I380p.34; V. A. S. p.1.61f1; Villef. p.57;
Det. Syll. p.521; Malaisia;
- * v. notabilis, Grun.-Cl. I380p.34; Det. S. p.521; (N. not.)--
- INTERCEDENS, Grun. I373p.21; (N. signa, v.)---

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- INFERIORII, Hantz.-V. i. S. pl. 64f3; Cl. I. 330p. 95; Vega p. 492; I. 39Ip. 6I; Del. Syll. p. 539;
- INVERSA, Cl. & M. No. 213: -(Error--should be "perversa".)-
- ITALICA, Rabh.-Prit. p. 73I; R. E. D. p. 155; Del. S. p. 533; -(Sigmatella.)----
- JANISCHII, Grun.-Cl. I. 330p. 32; J. R. U. S. I. 330p. 393-I. 3f14; Del. S. p. 513;
- JAVANICA, Grun.-Cl. & M. No. 115: (P. 1. 31 I. 3111, v. 7)----
- JOLINECKII, Grun.-I. 330p. 144-I. 3f3; I. 330p. 3; R. E. D. p. 152; Grun. Cey. p. 40; Cl. I. 373p. 12; I. 330p. 74; Vega pp. 50I, 506, 513; (Nz. acuta, decora, formica, subcostata.)----
- * v. elongata, Cl. I. 330p. 74; Del. Syll. p. 507; *form. D. m. p. 19*;
- KITTLII, Grun.-I. 330p. 155-2912, 25; Part. 2, 73-I. 3f23; I. 3f23;
- Del. Syll. p. 515; Herib. p. 171-5f3;
- KITTONII, H. E. S. S. p. 7. No. 350; A. M. M. J. I. 373p. 11-318; Grun. I. 373p. 12; wolle 43f30; Del. S. p. 527;
- KOLACSEKII, Grun.-Hedw. I. 337p. 13; M. M. J. I. 373p. 1. I. 94f10; Cl. I. 330p. 95; Del. Syll. p. 539;
- KRYOPHILA, Cl. Vega p. 430-33f74; Del. S. p. 534; (N. obtusa, v.)---
- KURZII, Rabh.-Cl. & M. No. 73; Sm. Sp. 1. No. 35I; Cl. I. 330p. 92; Del. S. p. 534;
- KUTZINGIANA, Hilse, I. 330p. 67; Rabh. Alg. No. 1267; Darnf. p. 33; V. i. S. pl. 69f23; Cl. I. 330p. 96; I. 33Ip. II; I. 39Ip. 6I; Del. S. p. 541: -(N. palea, v.)----
- * v. exilis, Grun.-V. i. S. pl. 69f27; Cl. I. 39Ip. 6I; Del. S. p. 541: *form. p. 21*;
- * v. fonticola, Grun.-Cl. I. 330p. 97;
- * v. perminuta, Grun.-Cl. I. 330p. 97;
- * v. Romana, Grun.-Cl. I. 330p. 97;
- KUTZINGII, Rabh. E. D. p. 130; Perag. p. 65; (Synedra parvula.)--
- LABUENSIS, Cl. Vega p. 50I-37f36; Del. S. p. 533;
- LAEVISSIMA, Grun.-Cl. & M. No. 314; Vega p. 460; Nares: Grun. I. 334p. 54-I. 3f5, 56; Del. S. p. 533;
- LAMPROCAMPA, Hantz.-V. i. S. pl. 64f3; (N. vermicularis, v.)-
- LANCEOLA, Grun.-V. i. S. pl. 57f3; Cl. I. 330p. 63; Del. S. p. 497; A. M. M. J. I. 39Ipl. I. 3f27; (Tryblionella.)-
- * v. minutula, Grun.-Cl. I. 330p. 63; Del. S. p. 497; (N. min.)--
- LANCEOLATA, S. B. D. Ip. 40-I. 4f113; T. M. S. I. 330p. 43-2f20; Prit. p. 732; M. D. pl. I. 3f10; Eul. Sp. 1. No. 7I; Carr. p. 32; Grun. I. 332p. 53I; Hall; R. E. D. p. 15I; Cl. I. 333p. 233; I. 330p. 95; S. S. p. 7. No. 352; Doby Pol. p. 22; Carr. Cey. p. 40; Guinard p. 33; V. i. S. p. I. 32-63f1, 2; T. No. 407; wolle 40f3, 9; Perag. p. 65; Del. S. p. 533; A. M. M. J. I. 39Ipl. I. 3f26; -(Sar. curvula.)---
- * forma minima, V. i. S. p. I. 32-63f4; Del. Syll. p. 533;
- * forma minor, V. i. S. p. I. 32-63f3; Del. S. p. 533;
- * v. incrustans, Grun.-Cl. I. 330p. 95; V. i. S. p. I. 32; Del. S. p. 533: -(N. inc.)-
- * v. pygmaea, Cl. Vega p. 43I;
- LATA, Witt.-J. M. G. I. 673p. 66-3f6; Hedw. Vol. 5p. 110; Petit Cat. p. 29; Lagr. I. 373p. 27; I. 373p. 12;
- * v. elegans, Lagr. I. 373p. 27, f2; (Nz. panduriformis, v. lata.)----
- LATESTRIATA, Biss.-Prit. p. 73; Grun. I. 332p. 50; I. 330p. 3; R. E. D. p. 154; Lagr. I. 373p. 27; (Amphipora; -N. bilobata; -Scoliopleura.)-
- * v. panduriformis, Rabh. E. D. p. 154; (N. pand.)--
- LATIUSCULA, Grun.-V. i. S. pl. 65f3; Malaisie; (Nz. signa, v.)--

> lineola, Cl. Scot. p. 300, fig. 10: 1897 p. 24:

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- LESIENSIS, Grun.-Cl. I330p.30; Cl. & M. No. 203; Det. Syll. p. 514;
(N. bilobata, v.; -N. nitellaria, v.)--
- " v. diminuta, Grun.-Cl. I330p.30; Det. S. p. 514;
- LEVIDENSIS, W.S.-V.H.S. pl. 44f3; (Trybl.)--
- LIEBELTII, Rab. E.D. p. 157; Cl. I330p.94; V.H.S. pl. 53f23, 25;
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- " var., V.H.S. pl. 69f3;
- " v. minuscule, Grun.-Cl. I330p.93; Det. S. p. 544;
- LIMICOLA, Grun.-Cl. I330p.70; M.D. p. I330p.191-1311; 43112, 43110;
Det. S. p. 500;
- LILARIS, S.B.D. p. 39, fig. 13, 31ff10; Will: Rab. E.D. p. 53; M.D. No. 335; Will: I330p.37; Part. p. 732; R.E.D. p. 135, 117(1); Grun. I330p.75; Herib. p. 112; Carr. p. 31; Girard Foss. p. 9-1f5; Schum. H. T. p. 53; Cl. I330p.233; I330p.93; I331p.7, 11; Vega p. 43f; Cl. & M. No. 173; Will: Borsow ~~144~~ ~~aff. 111~~ S.H. p. 1.3-1f7; V.H.S. p. 1-4-13; Gallia, paper; Fossile liste p. 22; Class. fig. 13, 15; Will: Br. Alp. p. 107-5f25; S.H. p. 1.7. Nos. 353, 354; Lake Michigan; T.M.S. I377p. I37f13, 15; Dannf. p. 33; Prollius p. 69; Strose, Kleiker; V.H.S. p. I31-37f13-15; T. No. 404; Belloc, Luchon; Perag. p. 65; Hoffmann, Marb.; Wolle 43f17, 22; Gerling pl. 1f4; Det. S. p. 535; Herib. p. 169; (Frust. l. & series; -
Synedra multifasciata; Oxyrhynchus, p. 107-5f25 & series.)--
- " var. "b", S.B.D. p. 39; R.E.D. p. 153;
- " var. "g", Rab. E.D. p. 153; (Frust. & Synedra series.)---
- " var. major, V.H.T. No. 403; Det. S. p. 536; Herib. p. 169;
- " v. subsigmoides, Grun.-V.H.T. No. 405; Det. Syll. p. 536;
- " v. Suecica, Grun.-Cl. I330p.93; Det. Syll. p. 536;
- " v. tenuis, W.S.-Br. Alp. p. 107-5f25; V.H.S. p. I31; T. No. 403; Cl. I330p.93; Vega p. 43f; Lake Mich.: -(N. tenuis, p. p., & media.)
- " v. gracilentis, Hantz.-Dannf. p. 33; -
- LINEOLATA, Grun.-Cl. I330p.75; Dannf. p. 33; V.H.S. pl. 59f1-3;
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- LITTORALIS, Grun.-Cl. I330p.75; Viland; Det. S. p. 503; -(N. trybl., var.)--
- " v. Bengalensis, Grun.-Cl. I330p.73; Det. Syll. p. 503;
- " v. Delawarensis, Grun.-Cl. I330p.76; Det. S. p. 509;
- " v. Samoensis, Grun.-Cl. I330p.76; Det. S. p. 509;
- " v. Slesvicensis, Grun.-Cl. I330p.76; Det. S. p. 503;
- " v. Terrestina, Grun.-Cl. I330p.75; Det. S. p. 503; (N. trybl., var.)--
- LITTOREA, Grun.-V.H.S. pl. 59f21; Shark River;
Wolle pl. 43f13, 17; (N. thermalis, v.)----
- " v. parva, Grun.-V.H.S. pl. 59f25;
- LONGA, Grun.-Cl. I330p.35; Bacillaria.)--
- LOCYII, Part. p. 73-10f117; Det. Syll. p. 502;
- LONGISSIMA (Breb.) Grun., I332p. 53f; M.D. pl. I3f11; Herib. p. 115; V.H.S. p. I35-70f1-3; Cl. I330p.100; Wolle, 1912, 3; Viland; Det. S. p. 517;
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- " v. Chinensis, Grun.-Cl. I330p.100; Det. S. p. 517;
- " v. closterium, V.H.S. p. I35; (N. elost.)

N. subconstricta *diminuta*, Cl. '80 p. 72.

N. subconstricta *diminuta* *Palmer* *Sci. #945*. 1860

N. subconstricta *Cl. Sci. H. p. 500, 1893 p. 24*

- var. fossilis, Brun. & T. p. 46-If10; Det. Syll. p. 548;
 v. reversa, Grun.-Cl. I330p.100; V.H.S. pl. 70f4; Det. S. p. 547;
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 v. undulata, Grun.-Cl. I330p.100; Det. S. p. 547;
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 I55; Hull; Grun. I362p.57I; Cl. I373p.27; I380p.90; Vega p. 480; Lagr.
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 MAJOR, Grun.-V. A. S. pl. 55f6; Woll. 1214,5;
 MAJUSCULA, Grun.-Cl. I380p.37; Woll. 43f19; Det. Syll. p. 523;
 (Nz. fluminensis.)--
 MAMMALIS, Castr. I387p.63-29f5; Notar. I389p.689; Det. S. p. 551;
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 Det. S. p. 503; *Oestrup 1897 p. 330*; (Nz. constricta, v.)--
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 Villef. p. 57; Det. S. p. 504;
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 v. " " minuta, Grun.-Det. S. p. 504; Cl. I380p.72;
 v. formicina, Grun.-Cl. I330p.73; Det. S. p. 504;
 v. minuta, Cl. Vega p. 479; I380p.72;
 v. subconstricta, Grun.-Cl. I330p.72; V. H. S. pl. 53f12; Det. Syll. p. 504;
 MARINA, Grun.-V. A. S. pl. 57f26,27; Cl. I380p.70; Vega p. 487,512;
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 MAXIMA, Grun. I373p.2I; Malaisie; V. H. S. pl. 65f1,2;
 MEDIA, Htz.-Heuw. Vol. 2 (I350) p. 49-5f9; Grun. I362p.576; Rabh. Alg. Eur. No.
 945; Schum. 1.1. 1.59-If15; R.E.D. p. I53; M. A. S. I375p.9-109f12; Sm. Sp. 1.
 356; Cl. I380p.90;
 (N. dissipata, var.; -N. tenuis, v.; -N. linearis, v. fusiformis.)--
 MESOLEPTA, L.W.B.-B. J. N. A. I36Ip.345-2f77; Det. S. p. 554;
 MICROCEPHALA, Grun.-Cl. I330p.96; Cl. & M. No. I39; V. A. S. p. I33-39f2I;
 Det. Syll. p. 540; Herib. p. I72;
 v. elegantula, V. H. S. p. I33; Det. Syll. p. 540; (Nz. el.)--
 MINUTA, Bleisch, I362p.73; R. Alg. Eur. No. 939; Grun. I362p.575-12f2; R.E.D.
 1. I59; Petit, Nimrod; Liste p. 22; Gallik, Japan; V. A. S. pl. 59f23; 7.413;
 Cl. I330p.96; I38Ip.7; Herib. p. I72; (Nz. palca; -S. leuca fusiformis.)

- mit belliana, Oestrup 1897 p. 331:

obtusa, Lamm p. 38:

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- MINUTISSIMA, S.B.D.Ip.4I-I3fI07; Mull: Rab.Alg.Eur.No.942; Prit.p.730;
 Grun.I362p.577: I363p.7; Schim.H.T.p.30-IfI3; New Zealand; Mull; R.
 E.D.p.I59; Carr.p.8I; M.M.O.I373p.33; I375p.6-I09fI0; Brun Alp.p.
 I03-5f20; Gallia, Papan; Petit liste p.22; Bellec, Luchon;
 Perag.p.35: (N. pelpusilla; -N. & Syneura dissipata.)---
 MINUTULA, Grun.-V.H.S.pls.57f7; 39f5; -(N. frustulum, v.-N. lanceola, v.)-
 MITCHELLIANA, Greenleaf.-Proc. Boston S.N.4.I365p.I07, cum icone;
 Cl.I380p.30-5f97; Vega p.479; Det.Syll.p.5I4: (N. lesiensis.)--
 NANA, Grun.-V.H.S.pl.37f3; T.No.399; (N. obtusa, v.)--
 NAVICULARIS, (Breb.)-Cl.I380p.37; Vega p.473; V.H.S.p.I7I-57fI; T.No.
 37I; Dannf.p.35; (Sarirella; -Tryblionella marginata & n.)
 NICOBARICA, Grun.I363p.97-I" a", f4; Fortm.Cey.p.40; J.R.M.S.I380p.394-
 I2f2; Cl.I380p.74; Vega p.507; Det.S.p.503; (N. panduriformis, v.)
 NEOGENA, Grun.I382p.I43-29f22; Pant.2p.73; Det.S.p.532; -(N. sigma, v.?)-
 NORMANNII, Grun.-V.H.T.No.39 sub; Det.Syll.p.554;
 NOTABILIS, Grun.-V.H.S.pl.3If5; Malaisie; Villef.p.57; -(N. insignis, v.)
 NOTATA, Rabh.K.Fl.p.5I; Eiben, I37I: (Syneura.)
 NOVAE-HOLLANDIAE, Grun.-Cl.I380p.73; V.H.S.pl.53fI3;
 Det.Syll.p.504; *Petit, Cap Horn.* (N. acuminata, v.)----
 NYSTROMII, Grun.-Cl. & M.No.I72; (Nz.vivax.)-
 OBESA, Castr.I387p.37-I3fII; Notar.I339p.339; Det.S.p.55I;
 " var., Castr.I387p.37-I3fI3;
 OBLONGA, L.W.B.-B.O.N.H.I36Ip.344-2f70;
 OBSCURA, Grun.-Cl.I380p.38; Det.Syll.p.493;
 OBUSA, S.B.D.Ip.39-I3fI09; Prit.p.73I; Grun.I362p.57I; Carr.p.32; R.
 Alg.Eur.No.74I; R.E.D.p.I55; Eul.Sp.T.No.33; Lew., N. & R.S.p.7I; Sm.
 Sp.T.No.353; Cl. & M.No.77; I380p.9I; Vega p.502; I39Ip.60; Perag.p.
 34; M.T.P.I-4-I7; V.H.S.p.I30-37fI; T.No.393; Wille, 42f7, I3; Herib.
 p.I33; Det.S.p.533; *Det. 70p.40* (Denticula Kützingerii & o.; -N. arcus.)----
 " v. arcuata, Rabh.E.D.p.I55: (N. arcus, p.p., & flexella.)----
 " v. brevissima, V.H.S.p.I30; T.No.400; Det.Syll.p.534;
 (N. brev.; -N. parvula, p.p.)---
 " v. flexella, (Breb.)-Sm.Sp.T.No.359: (N. flexella, Br)
 " v. lepidula, Grun.-Cl.I380p.92; Det.S.p.534; *Dannf.p.38*;
 " v. maxima, Cl.I380p.9I: (N. obtusa.)----
 " v. nana, V.H.S.p.I30; T.No.399; Det.S.p.534: (N. nana.)-
 " v. scalpelliformis, Grun.-V.H.S.p.I30-37f2; Cl.I380p.92;
 Perag.p.34; Det.S.p.534; Herib.p.I33: (N. sc.)---
 " v. vulgaris, Cl.I380p.9I; Det.S.p.533;
 OBUSA-SCHWEINFURTHII, Grun.-Cl.I380p.92; Det.S.p.534; -(N. obtusa, v.)---
 + OCULATA, Cleve & M.No.I54; I330p.30; F.L.V.C.I. 16-4147; Det.S.p.510;
 OVALIS, Arn.-Cl.I380p.95-5fI03; Vega p.46I; V.H.S.pl.39f56; T.No.
 4I4; Bellec, Luchon; Perag.p.35; Det.Syll.p.539; Herib.p.I72; *Det. 70p.40*
 PALEA, S.B.D.2, p.39; Prit.p.732; Grun.I362p.579-I2f3; Bleisch, I363;
 Carr.p.8I; Eul.Sp.T.No.39; Mull; R.Alg.E.No.333; Su. Jap.p.I0-IfI0;
 R.E.D.p.I30; Pfitzer p.96-6fI0, I2; Eiben, I37I; Petit & Leduc; Class.
 fII; Gallia, Papan; T.M.S.I377pl.I37fII; Sm.Sp.T.No.36I; Prollius p.
 69; Brun Alp.p.I03-5f2I, 22; Cl. & M.No.I24; I380p.96; I36Ip.II; I39I,

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- Cl. & M. No. 124; V. u. S. p. 133-39f22b, c; T. No. 411; Spang, C. u. r.; Perag. p. 35; Lake Michigan; Wollé, 40f26, 27; Belloc, Luchon: Det. Syll. p. 340; Herib. p. 171: *Bacillaria* *Exilis* *Sp. 124* *1897* *1898* *1899* *1900* *1901* *1902* *1903* *1904* *1905* *1906* *1907* *1908* *1909* *1910* *1911* *1912* *1913* *1914* *1915* *1916* *1917* *1918* *1919* *1920* *1921* *1922* *1923* *1924* *1925* *1926* *1927* *1928* *1929* *1930* *1931* *1932* *1933* *1934* *1935* *1936* *1937* *1938* *1939* *1940* *1941* *1942* *1943* *1944* *1945* *1946* *1947* *1948* *1949* *1950* *1951* *1952* *1953* *1954* *1955* *1956* *1957* *1958* *1959* *1960* *1961* *1962* *1963* *1964* *1965* *1966* *1967* *1968* *1969* *1970* *1971* *1972* *1973* *1974* *1975* *1976* *1977* *1978* *1979* *1980* *1981* *1982* *1983* *1984* *1985* *1986* *1987* *1988* *1989* *1990* *1991* *1992* *1993* *1994* *1995* *1996* *1997* *1998* *1999* *2000* *2001* *2002* *2003* *2004* *2005* *2006* *2007* *2008* *2009* *2010* *2011* *2012* *2013* *2014* *2015* *2016* *2017* *2018* *2019* *2020* *2021* *2022* *2023* *2024* *2025* *2026* *2027* *2028* *2029* *2030* *2031* *2032* *2033* *2034* *2035* *2036* *2037* *2038* *2039* *2040* *2041* *2042* *2043* *2044* *2045* *2046* *2047* *2048* *2049* *2050* *2051* *2052* *2053* *2054* *2055* *2056* *2057* *2058* *2059* *2060* *2061* *2062* *2063* *2064* *2065* *2066* *2067* *2068* *2069* *2070* *2071* *2072* *2073* *2074* *2075* *2076* *2077* *2078* *2079* *2080* *2081* *2082* *2083* *2084* *2085* *2086* *2087* *2088* *2089* *2090* *2091* *2092* *2093* *2094* *2095* *2096* *2097* *2098* *2099* *2100* *2101* *2102* *2103* *2104* *2105* *2106* *2107* *2108* *2109* *2110* *2111* *2112* *2113* *2114* *2115* *2116* *2117* *2118* *2119* *2120* *2121* *2122* *2123* *2124* *2125* *2126* *2127* *2128* *2129* *2130* *2131* *2132* *2133* *2134* *2135* *2136* *2137* *2138* *2139* *2140* *2141* *2142* *2143* *2144* *2145* *2146* *2147* *2148* *2149* *2150* *2151* *2152* *2153* *2154* *2155* *2156* *2157* *2158* *2159* *2160* *2161* *2162* *2163* *2164* *2165* *2166* *2167* *2168* *2169* *2170* *2171* *2172* *2173* *2174* *2175* *2176* *2177* *2178* *2179* *2180* *2181* *2182* *2183* *2184* *2185* *2186* *2187* *2188* *2189* *2190* *2191* *2192* *2193* *2194* *2195* *2196* *2197* *2198* *2199* *2200* *2201* *2202* *2203* *2204* *2205* *2206* *2207* *2208* *2209* *2210* *2211* *2212* *2213* *2214* *2215* *2216* *2217* *2218* *2219* *2220* *2221* *2222* *2223* *2224* *2225* *2226* *2227* *2228* *2229* *2230* *2231* *2232* *2233* *2234* *2235* *2236* *2237* *2238* *2239* *2240* *2241* *2242* *2243* *2244* *2245* *2246* *2247* *2248* *2249* *2250* *2251* *2252* *2253* *2254* *2255* *2256* *2257* *2258* *2259* *2260* *2261* *2262* *2263* *2264* *2265* *2266* *2267* *2268* *2269* *2270* *2271* *2272* *2273* *2274* *2275* *2276* *2277* *2278* *2279* *2280* *2281* *2282* *2283* *2284* *2285* *2286* *2287* *2288* *2289* *2290* *2291* *2292* *2293* *2294* *2295* *2296* *2297* *2298* *2299* *2300* *2301* *2302* *2303* *2304* *2305* *2306* *2307* *2308* *2309* *2310* *2311* *2312* *2313* *2314* *2315* *2316* *2317* *2318* *2319* *2320* *2321* *2322* *2323* *2324* *2325* *2326* *2327* *2328* *2329* *2330* *2331* *2332* *2333* *2334* *2335* *2336* *2337* *2338* *2339* *2340* *2341* *2342* *2343* *2344* *2345* *2346* *2347* *2348* *2349* *2350* *2351* *2352* *2353* *2354* *2355* *2356* *2357* *2358* *2359* *2360* *2361* *2362* *2363* *2364* *2365* *2366* *2367* *2368* *2369* *2370* *2371* *2372* *2373* *2374* *2375* *2376* *2377* *2378* *2379* *2380* *2381* *2382* *2383* *2384* *2385* *2386* *2387* *2388* *2389* *2390* *2391* *2392* *2393* *2394* *2395* *2396* *2397* *2398* *2399* *2400* *2401* *2402* *2403* *2404* *2405* *2406* *2407* *2408* *2409* *2410* *2411* *2412* *2413* *2414* *2415* *2416* *2417* *2418* *2419* *2420* *2421* *2422* *2423* *2424* *2425* *2426* *2427* *2428* *2429* *2430* *2431* *2432* *2433* *2434* *2435* *2436* *2437* *2438* *2439* *2440* *2441* *2442* *2443* *2444* *2445* *2446* *2447* *2448* *2449* *2450* *2451* *2452* *2453* *2454* *2455* *2456* *2457* *2458* *2459* *2460* *2461* *2462* *2463* *2464* *2465* *2466* *2467* *2468* *2469* *2470* *2471* *2472* *2473* *2474* *2475* *2476* *2477* *2478* *2479* *2480* *2481* *2482* *2483* *2484* *2485* *2486* *2487* *2488* *2489* *2490* *2491* *2492* *2493* *2494* *2495* *2496* *2497* *2498* *2499* *2500* *2501* *2502* *2503* *2504* *2505* *2506* *2507* *2508* *2509* *2510* *2511* *2512* *2513* *2514* *2515* *2516* *2517* *2518* *2519* *2520* *2521* *2522* *2523* *2524* *2525* *2526* *2527* *2528* *2529* *2530* *2531* *2532* *2533* *2534* *2535* *2536* *2537* *2538* *2539* *2540* *2541* *2542* *2543* *2544* *2545* *2546* *2547* *2548* *2549* *2550* *2551* *2552* *2553* *2554* *2555* *2556* *2557* *2558* *2559* *2560* *2561* *2562* *2563* *2564* *2565* *2566* *2567* *2568* *2569* *2570* *2571* *2572* *2573* *2574* *2575* *2576* *2577* *2578* *2579* *2580* *2581* *2582* *2583* *2584* *2585* *2586* *2587* *2588* *2589* *2590* *2591* *2592* *2593* *2594* *2595* *2596* *2597* *2598* *2599* *2600* *2601* *2602* *2603* *2604* *2605* *2606* *2607* *2608* *2609* *2610* *2611* *2612* *2613* *2614* *2615* *2616* *2617* *2618* *2619* *2620* *2621* *2622* *2623* *2624* *2625* *2626* *2627* *2628* *2629* *2630* *2631* *2632* *2633* *2634* *2635* *2636* *2637* *2638* *2639* *2640* *2641* *2642* *2643* *2644* *2645* *2646* *2647* *2648* *2649* *2650* *2651* *2652* *2653* *2654* *2655* *2656* *2657* *2658* *2659* *2660* *2661* *2662* *2663* *2664* *2665* *2666* *2667* *2668* *2669* *2670* *2671* *2672* *2673* *2674* *2675* *2676* *2677* *2678* *2679* *2680* *2681* *2682* *2683* *2684* *2685* *2686* *2687* *2688* *2689* *2690* *2691* *2692* *2693* *2694* *2695* *2696* *2697* *2698* *2699* *2700* *2701* *2702* *2703* *2704* *2705* *2706* *2707* *2708* *2709* *2710* *2711* *2712* *2713* *2714* *2715* *2716* *2717* *2718* *2719* *2720* *2721* *2722* *2723* *2724* *2725* *2726* *2727* *2728* *2729* *2730* *2731* *2732* *2733* *2734* *2735* *2736* *2737* *2738* *2739* *2740* *2741* *2742* *2743* *2744* *2745* *2746* *2747* *2748* *2749* *2750* *2751* *2752* *2753* *2754* *2755* *2756* *2757* *2758* *2759* *2760* *2761* *2762* *2763* *2764* *2765* *2766* *2767* *2768* *2769* *2770* *2771* *2772* *2773* *2774* *2775* *2776* *2777* *2778* *2779* *2780* *2781* *2782* *2783* *2784* *2785* *2786* *2787* *2788* *2789* *2790* *2791* *2792* *2793* *2794* *2795* *2796* *2797* *2798* *2799* *2800* *2801* *2802* *2803* *2804* *2805* *2806* *2807* *2808* *2809* *2810* *2811* *2812* *2813* *2814* *2815* *2816* *2817* *2818* *2819* *2820* *2821* *2822* *2823* *2824* *2825* *2826* *2827* *2828* *2829* *2830* *2831* *2832* *2833* *2834* *2835* *2836* *2837* *2838* *2839* *2840* *2841* *2842* *2843* *2844* *2845* *2846* *2847* *2848* *2849* *2850* *2851* *2852* *2853* *2854* *2855* *2856* *2857* *2858* *2859* *2860* *2861* *2862* *2863* *2864* *2865* *2866* *2867* *2868* *2869* *2870* *2871* *2872* *2873* *2874* *2875* *2876* *2877* *2878* *2879* *2880* *2881* *2882* *2883* *2884* *2885* *2886* *2887* *2888* *2889* *2890* *2891* *2892* *2893* *2894* *2895* *2896* *2897* *2898* *2899* *2900* *2901* *2902* *2903* *2904* *2905* *2906* *2907* *2908* *2909* *2910* *2911* *2912* *2913* *2914* *2915* *2916* *2917* *2918* *2919* *2920* *2921* *2922* *2923* *2924* *2925* *2926* *2927* *2928* *2929* *2930* *2931* *2932* *2933* *2934* *2935* *2936* *2937* *2938* *2939* *2940* *2941* *2942* *2943* *2944* *2945* *2946* *2947* *2948* *2949* *2950* *2951* *2952* *2953* *2954* *2955* *2956* *2957* *2958* *2959* *2960* *2961* *2962* *2963* *2964* *2965* *2966* *2967* *2968* *2969* *2970* *2971* *2972* *2973* *2974* *2975* *2976* *2977* *2978* *2979* *2980* *2981* *2982* *2983* *2984* *2985* *2986* *2987* *2988* *2989* *2990* *2991* *2992* *2993* *2994* *2995* *2996* *2997* *2998* *2999* *3000* *3001* *3002* *3003* *3004* *3005* *3006* *3007* *3008* *3009* *3010* *3011* *3012* *3013* *3014* *3015* *3016* *3017* *3018* *3019* *3020* *3021* *3022* *3023* *3024* *3025* *3026* *3027* *3028* *3029* *3030* *3031* *3032* *3033* *3034* *3035* *3036* *3037* *3038* *3039* *3040* *3041* *3042* *3043* *3044* *3045* *3046* *3047* *3048* *3049* *3050* *3051* *3052* *3053* *3054* *3055* *3056* *3057* *3058* *3059* *3060* *3061* *3062* *3063* *3064* *3065* *3066* *3067* *3068* *3069* *3070* *3071* *3072* *3073* *3074* *3075* *3076* *3077* *3078* *3079* *3080* *3081* *3082* *3083* *3084* *3085* *3086* *3087* *3088* *3089* *3090* *3091* *3092* *3093* *3094* *3095* *3096* *3097* *3098* *3099* *3100* *3101* *3102* *3103* *3104* *3105* *3106* *3107* *31*

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 * v. Javanica, Grun.-Cl. & M.143 sub; Det.S.p.545; (N.Jav.)--
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" v.gigantea, Grun. I362p.534;

" v.minor, Cl. I330p.33; Det.S.p.519:

" v.undulata, Wollé pl.34f1, 2:

SCALIGERA, Grun.-J.R.M.S. I330p.395-I2f3; Cl. I330p.33;

Wollé, 43f4; Det.S.p.520:

SCALPELLIFORMIS, Cleve & M.No.293; ~~I330p.92~~: (N.obtusa, v.)--SCHLIEPHACKIANA, Grun.-Rabh. Alg. Eur.No. I304; *Lew.Vol.51.53;*

R.E.D.p.324; Det.Syll.p.530:

SCHWEINFURTHII, Grun.-Rabh. Alg. E.No. I718; *Heaw.Vol.3p.175;*

Sm.Sp.T.336; V.H.S.pl.67f5, 6:

(N.obtusa, v.)-

SCUTELLUM, W.S.-Wollé, 44f24:

(Trybl.)--

SENEGALENSIS, Grun.-Cl. I330p.99; J.R.M.S. I330p.395-I3f12;

Det.S.p.546;

SERIANS, Rabh.-Cl. I330p.78; V.H.S.pl.59f23; T.No.333;

Det.Syll.p.511:

(N.istilla.)---

SERIATA, Cl. Vega p.473-33f75; Det.S.p.501: *21 / 81*

SIBIRICA, Grun.-Cl. I330p.73-5f94; Koslowski I390p.23-I f3;

Det.Syll.pp.511, 551;

(N.dubia, var.)-

SIGMA, S.B.D.Ip.39-I3f103; Mull; Prit.p.731-4f21; *Breb.D.C.p.7; Heio.*

p.112; Grun. I362p.572; I330p.7; I373p.21; Lew., N. & R.S.p.71; Carr.p.

32; Reinhard; Roper, Thames; Hull; R.E.D.p.153; Guinard p.33; Eiben,

I371; M.T.P.I-4-I3; Petit Cat.p.29; Nimbu; Luzzi, I370p.5; Ostia p.

30: *Fortm.Cey.p.40; Brun Alp.p.105-5f24; Sm.Sp.T.No.337; Lagr. I373p.*

23; Cl. I373p.23; I331p.11; Vega p.460, 506; I391p.50; J.R.M.S. I370p.

331; V.H.S.p.179-33f7, 3; T.No.334; Carr.p.33; *Deby Volu.p.20; Wollé,*40f4, 5; 43f10, 11; *Perag.p.65; Villat.p.57; Malaisie; Det.Syll.p.530.*(N.major, neogena, scabra; -Synedra.)--- *Oestrop 1877, 212*

" v.abludens, Grun. I373p.22; Det.Syll.p.532:

(N.ab.)---

" v.angustilula, Grun. I373p.22; Det.S.p.531;

(N.ang.)--

" v.Clausii, Grun. I373p.22:

(Nz.Cl.)--

" v.consimilis, Grun. I373p.21; Det.S.p.531:

(N.con.)--

" v.curvula, E.-Brun Alp.p.105; Det.Syll.p.531:

(N.sigmatella & curvula; -N.sigmoidea, v.sigmatella) *(var. minor)* -

" v.diminuta, Grun.-V.H.S.pl.66f9; Det.Syll.p.532;

" v.elongata, Grun.-Mobile; Malaisie:

" v.fasciculata, Grun. I373p.22;

(N.fasc.)--

ren. genuina, Gm. 38p. 22:

unidentified

Sigmatella, Fathm. Dm. p. 19:

+ Sigmaidea, Oestrop 1897 p. 332:

0-0-0-0-0-

- v. habirshawii, Hebigier.-V.H.S.pl.35f4; Cl.& M.No.223; Vega p.512; Villef.p.58; Det.Syll.p.532: (N.hab.)-
- v. intercedens, Grun.I373p.22; V.H.S.p.I79-33fI; Cl.Vega p.502; Det.S.p.53I: (N.int.)--
- v. latiuscula, Grun.-Det.Syll.p.532:
- v. maxima, Grun.I373p.2I; Det.S.p.53I: *vestrup 1897 p.332*: - (N.max.)-
- v. parvula, Brun Alp.p.I05: (Navicula; -N.sigmatella.)
- v. rigida, K.-Grun.I373p.22; V.H.S.p.I79-33f2, 5; T.No.397; Perag.p.65; Villef.p.58; Wollé, 40f6; Det.S.p.53I; (Amphipleura r. & sigmoidea; -Frustulia scalaris; -Navicula lamprocampa; -Sigmatella subrecta.)----
- v. rigida, Grun.-V.H.S.p.I79-33f3; Perag.p.65; V.H.T.No.396; Wollé, 40f7; Det.Syll.p.53I;
- v. sigmatella, Grun.I373p.22; V.H.S.p.I79-33f3, 7; T.No.397; Malaisie; (N.sigma, Gr.; -N.sigmatella, v. curvata.)---
- v. subcapitata, R.E.D.p.I53; Br.Alp.p.I05; Det.S.p.53I: -(N.Clausii.)-
- v. subrecta, Grun.I373p.22; Cl.Vega p.512; Det.S.p.53I: (N.subr.)-
- v. valida, Ped.-Grun.I373p.23; Vega p.512: (N.val.)--
- SIGMATELLA, Grap., M.J.I355p.37-4f2; Prit.1.732; Grun.I355p.372; I370, p.22; Carr.p.82; Eiben, I37I; Sm.Sp.T.No.363; Petit liste p.22; J.R.M.S.I379p.332; Bellec, Luchon: *Wollé 1897 p.40f6* (N.sigma, v., & curvata.)---
- v. major, Grun.I362p.572:
- v. minor, Grun.I362p.572:
- v. pusilla, Grun.I362p.573; (Navic. lamprocampa.)
- v. subrecta, Grun.I362p.572-I2fI2; Petit liste p.22:
- SIGMOIDEA, S.B.D.Ip.33-I3fI04; Gront.; Mill; Prit.1.73I-9fI43; M.J. pl.I3f9; Heib.p.II2; Grun.I362p.570; I363p.7; Carr.p.8I; Pop.Sci.R. I355p.394-I3f4; Mill; Nylander, w.: Brugger p.23I; Sm.Sp.Ip.3-I16; R.E.D.p.I54; Cl.I363p.233; I330p.90; I39Ip.50; R.Alg.Eur.No.732; Sm. Sp.T.No.369; Eiben, I37I; M.T.P.I-4-20 to 22; Brun Alp.p.I04-5f23; Petit liste p.22; Bellec, Luchon; Tanarek I379p.49, f23A; Cannf.p.37; Gallik, Papan; Hoffmann, Marburg; V.H.S.p.I73-33f5-7; T.No.392; Mobile; Lagr.I334p.32; Pharm.Cb'l't.I33Ip.I55, cum icone; Perag.p.64; Delogne; Spamer, Duren; Wollé, 42f9; Truan I335p.73-7fI9; Malaisie; Herib.p.I37; J.R.M.S.I393p.I-I9; Det.Syll.p.523: (Bacillaria; -Cymbella; -Frust. nitzschii; -Navicula; -N. elongata, Hass.; -Synedra; -Sigmat. nitzsch.)-
- v. Armoricana, Grun.-Cl.I330p.9I; Truan I335p.73-7f20; Herib.p.I37: *Wollé 1897 p.40f6* (N.Arm.; -Synedra A. & Trevissonii.)
- var. "b", S.B.D.Ip.33-I3fI04b; Bleisch, I363; Carr.p.8I; Vega p.492;
- v. Brevissoni, R.E.D.p.I55; Brun Alp.p.I05-5f27: (Synedra Armoricana & B.)---
- v. undulata, Petit liste p.22; Class.f3; Det.Syll.p.523; T.M.S.I377pl.I37f3;
- SINDATA, Grun.-Cl.I330p.32; I33Ip.50; V.H.S.p.I73-33fII; T.No. 335; Lake Michigan; Wollé, 48fII; Det.S.p.519; Herib.p.I37: (Genticula; -Genticulid; -Genticula; -N. tumida.)---
- v. tabellaria, V.H.S.p.I73; T.No.336: (N.tab.)--

Spathulata, Fortm. D. M. p. 19:

Spectabilis, Fortm. D. M. p. 19: Dammf. p. 37:

subtilis

|| var. palacea, Dammf. p. 38:

|| gemina, Cl. '80 p. 95:

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- SMITHII, Ralfs, Prit. p. 731; Grun. 1332p. 564; Reinhard; Carr. p. 32; V.H. S. pl. 61f4; Cl. 1330p. 34; Det. S. p. 521; -(N. spectabilis, W.S.: -Pritchard.)
 v. genuina, Grun. -Cl. 1330p. 34;
 v. subflexuosa, ^{W.S.} Cl. 1330p. 34; Det. S. p. 522;
 SLESVICENSIS, Grun. -Eiben, 1371;
 SOCIALIS, Grun. -T.M.S. 1357p. 3-1145; Hilt: Cl. 1373p. 27; 1373p. 12; 1330p. 35; Vega p. 479; Lagr. 1373p. 29; V.H.S. pl. 61f3; Dannf. p. 37; Malaisie: ~~Festaf 1897~~ (Bacillaria.) --
 v. Australis, Cl., 1330p. 35; (Bac. socialis, var.) --
 v. Baltica, Grun. -Cl. 1330p. 35-5f107; Vega p. 479; ^{p. 37} (Bac. s., var.) --
 v. basaltica, Brun & H. -Herib. p. 133-1f3;
 v. Kariana, Grun. -Cl. 1330p. 35-5f103; Vega p. 479; (Bac. s., var.) --
 v. Massiliensis, Cl. 1330p. 35; (Bac. socialis, v.) --
 v. Seychellensis, Grun. -Cl. 1330p. 35; Vega p. 512; (Bac. Soc., v.) --
 SPATHULATA, S.B.C. 1. 40-511263; Brev. D.C. p. 7; Prit. p. 732; Grun. 1332p. 530; Carr. p. 32; New Zealand; Hilt; Lew., N. & R. S. p. 66; Sm. Sp. T. No. 370; V.H.S. p. 177-62f7, 3; T. No. 390; R.E.D. p. 131; Cl. 1330p. 39; Vega p. 430; Perag. p. 35; Wolle p. 40f7, 3; Malaisie; Det. S. p. 525;
 v. ^panista, Grun. 1332p. 530; R.E.D. p. 131;
 v. hyalina Grun. -Cl. Vega p. 430; V.H.S. p. 177; (Nz. h.) --
 SPATHULIFERA, Grun. -Cl. & M. No. 203; 1330p. 35; V.H.S. pl. 61f3; Malaisie; Det. S. p. 522; -(N. Adiantica, v., & 1331p. 13, v.)
 SPECTABILIS, S.B.C. 1. 39-14f113; (N. Smithii: -Pritchard.) --
 SPECTABILIS, E. -Ralfs, Prit. p. 732; R. Soc. Exs. No. 51; Grun. 1332p. 574; R.E.D. p. 133; Brev. D.C. p. 7; Nylander, W.: Hilt; V.H.S. p. 130-37f3, 9; T. No. 401; Cl. 1330p. 92; 1391p. 30; Villot. p. 35; Perag. p. 35; Wolle, 40f1; Pant. 2p. 73; 3p. -7f120; Det. S. p. 535; Herib. p. 133; (N. Boetcheriana; Synebra.) --
 v. Americana, ^{W.S.} Cl. 1330p. 92; Det. S. p. 533; ^{Dannf p. 38}
 v. gigantea, Grun. 1332p. 574;
 SPIRALIS, K. -Det. S. p. 550; (Nitzschella.)
 STAGNATA, Rabl. Alg. Eur. 325; R.V. 41. p. 43; V.H.S. pl. 50f4; Cl. 1330p. 73; 1331. II; Det. S. p. 511; (N. emata; -Spirilla multicauda.) --
 STOLICSIANA, Grun. -Cl. 1330p. 99; Det. S. p. 546;
 SUBCILIATA, Grun. -Cl. 1330p. 74; Cl. & M. 149; Det. S. p. 507; (Nz. Jelineckiana, var.) --
 SUBDILATA, Grun. -Cl. 1330p. 33; Det. S. p. 525; (N. distans, v.)
 SUBTILIS, K. -Cl. 1330p. 95; Dannf. p. 35; V.H.S. p. 133-63f7, 3; Perag. p. 35; Belloe, Lichen: Cl. 1391p. 30; Det. S. p. 529; Herib. p. 133; (Frust.; -Navicula acus; -N. tenuis, p.p.: -Synedra.) --
 v. glacialis, Grun. 1334p. 55-1f64; Det. S. p. 539;
 v. Mexicana, Grun. -V.H.T. No. 250;
 v. paludosa, Grun. -Cl. 1330p. 95; V.H.S. p. 133; Det. S. p. 539; ^{Cl. 1391p. 30} (N. pal.)
 SUBULATA, Brev. -Det. S. p. 551; (Nitzschella.)
 SULCATA, Grun. -Cl. 1330p. 73; Det. S. p. 509;
 SUPERBA, Fortm. Cey. p. 40-3133; Det. S. p. 553;
 SZABOI, Pant. 2p. 73-151263; Det. S. p. 552;

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- TABELLARIA, Grun.-Cl.I330p.32; V.H.S.pl.60fI2,I3; Lake Michigan;
 Wolle,43f22,23; Malaisie; Det.S.p.5I9; He(ib.p.I36:
 (Denticula; -Grunowia; -N.sinuata,v.)----
 TAENIA, S.B.D.Ip.43-I5fI25; M.D.pl.I5fI3a; Mull: Sm.Sp.7.No.37I;
 (Ceratoneis; -Cylindrotheca; -Nitzschiella gracilis.) *Detm. D. m. p. 19:*
 TALLYANA, Grun.I332p.I48-29f2I; Pant.2p.73; Det.S.p.543;
 TENUIS, S.B.D.Ip.40-I3fIII; Desmaz.2.No.503; Prit.p.732; Carr.p.3I;
 Grun.I332p.576; Heib.p.II2; Schum.H.T.p.53; Eul.Sp.7.No.70; Mull; R.
 E.D.p.I53; Sur.321.p.10-11fI; Lagr.I373p.43; Sm.Sp.7.No.372; V.H.S.pl.
 37fI6; Belloc,Luchon; Wolle,40fI9,20; Herib.p.I39;
 (N.Hantzschiana, linearis, recta, subtilis, Tergestina; -Syneura.)----
 " var."b", Schum.I364p.I3-2f3; Petit & Lequ.;
 " v.media, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.media,Htz.)
 " v.parva, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.hantzschiana.)--
 " forma robusta, R.E.D.p.I53; (N.recta,Htz.)-
 TERGESTINA, Ralfs-Prit.p.73I; Dannf.p.33;
 (N.tenuis; -Sigmatella; -Syneura.)--
 THERMALIS, ~~Carter~~ Rabh.Alg.E.No.1234, I235 sub; Grun.I332p.559-127
 22; ~~3~~ Schum.H.T.p.50-11f4; R.E.D.p.I55; Amazon; Puccino p.9-21f3; M.H.
 J.I375p.6-I09fII; Eiben,I37I; Braun Alp.p.I06-5fI7; Sm.Sp.7.No.373;
 Gallia,Papan; V.H.S.p.I74-59f20; Cl.I330p.73; Belloc,Luchon; Spamer,
 Duren; Dannf.p.37; Det.S.p.5I2; Herib.p.I65;
 (Navicula umbonata & t.; -N.serians & stagnarum; -Pinnularia; -
 Surirella umbonata & t.)
 " v.intermedia, Grun.-V.H.S.p.I75-59fI5-I9; Det.Syll.p.5I2;
 " v.littoralis, Grun.-Cl.I330p.73; Det.S.p.5I2; (N.litt.)-
 " v.littorea, Grun.-Det.S.p.5I2;
 " v.minor, Hilse I360p.67; R.Alg.E.No.I266; V.H.S.pl.59f22;
 Cl.I330p.73; I39Ip.59; Det.S.p.5I2; *Dannf. p.37:*
 " v⁸.serians, ² Grun.I332p.539; (N. ~~Syn.~~ & Frustulia s.)
 " v.stagnarum, Rabh.Alg.Eur.No.625; R.E.D.p.I53;
 TONGATENSIS, Grun.-Cl.I330p.77;
 TRANSYLVANICA, Pant.3p. -I0fI37;
 TRYBLIONELLA, Hantzsch.-R.Alg.E.No.934; Grun.I373p.20; Carr.p.3I; V.
 H.S.p.I7I-57f9,I0; T.373; Cl.I330p.69; I33Ip.II; I39Ip.59; Wolle,
 44f23; Det.S.p.493; Herib.p.I33; (Tryblionella, species multae.)----
 " v.amoigia, Grun.-Cl.I330p.59-5fII; I39Ip.59; Det.S.p.499; *Dannf. p.36:*
 " v.Biharensis, Pant.Ip.44-24f222; 2p.73; Notar.I333p.537;
 Det.Syll.p.499;
 " v.calida, V.H.S.p.I7I; (Nz.cal.)-
 " v.intermedia, Cl.I330p.69; Det.Syll.p.499;
 " v.littoralis, V.H.S.p.I72;
 " v.maxima, Grun.-V.H.S.pl.57fII-I3; T.No.374; Cl.I330p.69;
 Det.S.p.493; Pant.3p. -7fII6;
 " v.Lavidensis, V.H.S.pl.57fI5-I7; T.No.375; Cl.I330p.70; Vega p.
 473; I39Ip.59; Det.S.p.499; *Dannf. p.36:* (Nz. & Trybl.L.)
 " v.obtusiuscula, Cl.I330p.69; Det.S.p.493;
 " v.salinarum, Cl.I330p.70; Det.S.p.499; (Nz.sal.)-

+ Vermont, Act. City, Sep 10.

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- v. subsalina, Cl. I880p.69: Det. Syll. p.499;
- v. Victoriae, Grun.-V.4.S.pl.57f14; Cl. I880p.69; I881p.11;
Vega p.478; Det. S.p.493: (Trybl. Vic.)---
- v. Yarrensensis, Grun.-Cl. I880p.69; Det. S.p.493:
- TURICOLA, Grun.-Cl. I880p.97; V.4.S.pl.59f14; Det. S.p.542;
Herib. p.172;
- TUMIDA, Hantz.-R. Alg. E. III4 cum icone; R.E.D. p.153: (N. sinuata.)
- VALENS, Ralfs, Prit. p.732-I244; R.E.D. p.152; Det. S.p.536:-(Synaia.)--
- VALIDA, Grun. & Cl.-Cl. I873p.12-3f19; J.M. I879p.33-2f19; Vega p.507;
V.4.S.pl.55f14,9; Villel. p.57; Malaisie; Wolle, 42f1-3; Det. S.p.531:
(N. signa, var.)----
- VENTRICOSA, Kitton.-M.M.J. I873p.206-33f5; Sm. Sp. 1.374; Cl. I873p.13;
I880p.100; Vega p.507; Malaisie; Det. S.p.543: (N. longissima, var.)-
- VERMICULARIS, Hantz.-Raph. Alg. p. No. 339; Prit. p.731; Grun. I882p.571; R.
E.D. p.155; Schum. I869p.88-2f14; Prollius p.68; V.H.S.p.173-74f1,2;
Lake Mich.: Gallik, Papan; Cl. I880p.91; Delohgne; Wolle, 42f12-15; J.
L.S. I884p.245; Spamer, Duren; Det. Syll. p.529; Herib. p.168: Oeshup '97. 35
(N. areulus & lamprocampa; -Sigmatella; -Synaura.)-
- VERMICULATA, Casti. I837p.33-I3f12; Notar. I859p.539; Det. S.p.514;
- VERRUCOSA, O'M.-M.J. I869p.313; Det. Syll. p.554;
- VEXANS, Grun.-V.4.S.pl.57f8; Det. S.p.554:
- VICTORIAE, Dickie & Grun.-Amazon: Herib. p.163: (Trybl. V.)
- VIDOVICHII, Petit Nimrod; Cl. Vega pp.502,507: (homococladia.)
- VIRGATA, Roper, M.J. I853M.3, f6a,b; Breb. D.C. p.22; Prit. p.730; Carr. p.
81; Br. Verm. p.9; Hull; Sm. Sp. T.375; Cl. I880p.103-6f110; J.R.M.S. I880,
pl. I3f13; M.T.P. I-4-I5; Wolle, 25f16,17: (Hantzschia; -Pritchardia.)-
- VITREA, Norman.-T.M.S. I861p.7-2f4; Grun. I862p.536; Carr. p.31; Hull;
R.E.D. p.152; Cl. I873p.27; I880p.93; Vega pp.481,502; Sm. Sp. 1.376;
V.H.S.p. I81-67f10,11; Dannf. p.33; Belloc, Luchon; Wolle, 42f16,21,23;
Det. Syll. p.536; Herib. p.170:
- v. Filimarchica, Grun.-Cl. I880p.94-6f106; Vega p.431; Det. S.p.537;
- v. Gallica, Bn.-Herib. p.170-5f1,2: ranging from 12
- v. Kerguelensis, Grun.-Det. Syll. p.537;
- v. major, Cl. I880p.94; Nares; V.4.1. No.402; Brun & T. p.73;
Det. Syll. p.537;
- v. recta, V.H.S.p. I82-67f17,18; Det. Syll. p.533;
- v. forma majuscula, Det. Syll. p.537;
- v. salinarum, Grun. I882p.563; R.E.D. p.152; Dillel I870p.4:
Cl. I880p.94; V.H.S.p. I82; Det. Syll. p.537;
- VIVAX, Hantz.-Reaw. Vol. 2, p.38-3f4: (Hantzschia.)-
- VIVAX, S.B.D. I.41-3f120; R. Alg. E. No.947; Grun. I882p.535; Reaw. Vol. 2,
p.35; Prit. p.730; Carr. p.31; V.H.S. 1.52f1,2; T. No.339; Cl. I880p.33;
Vega p.506; Shark River; Wolle, 41f14,15; Malaisie; Det. S.p.522;
(N. ambioxys, var., & Nystromii.)-- for the 27th p. 17
- v. hyperborea, Grun.-Cl. I880p.35-5f104; Det. S.p.523;
- WALLICHIANA, Petit, Cap Horn p.127-I0f9; Notar. I883p.323; Det. S.p.547;
- WANKARAMAE, Cl., Vega p.479-33f11; Det. Syll. p.511;

VVVVVVVVVV

WEISSBOGII, Grun.-Cl. I878p. I3; I880p. 3I; Del. Syll. p. 5I7:-(Perrya.)---
 " var. "a" subglabrata, Cl. I873p. I3-4f22; Del. S. p. 5I7;
 " var. "b" sparsa, Grun.-Cl. I880p. 3I; I873p. I3-4f23a: Del. S. p. 5I7;
 " var. "g", interrupta, Cl. I873p. I3-4f23b: Del. S. p. 5I7:

NITZSCHIELLA.-(Kütz., 1864)

ACICULARIS, Rabh. E. D. p. I64; Borse. pl. If I2; Prollius p. 33; Pharm. Cent.
 I880p. 440; Tanarek I879p. 50, f29:-(Ceratoneis; -Nitzschia; -Synedra.)---
 " v. closterioides, Grun. I R. E. D. p. I64; *Synedra*
 CLOSTERIUM, Rab. E. D. p. I63, f43a-c; Reinhard; *synedra*
 (Ceratoneis; -Homoeocladia; -Nitzschia.)-
 CLOSTERIOIDES, Schum. H. T. p. 30-If I7; M. M. J. I875p. 3-I09f I4; N.
 (N. acicularis, v.)--
 GRACILIS, Breb.-Rab. E. D. p. I64; (Ceratoneis; -Nitzschia taenia.)
 HAMATA, Rabh. E. D. p. I64: (Synedra.)
 LONGISSIMA, R. E. D. p. I64; Malaisie:-(Ceratoneis; -Nitzschia birostrata.)
 REVERSA, R. E. D. p. I64, f43d; Malaisie: (Ceratoneis; -Nitzschia.)-
 " var. major, Grun.-R. E. D. p. I64;
 SPIRALIS, R. E. D. p. I64, f43f; (Ceratoneis.)--
 SUBULATA, Rab. E. D. p. I65: "
 TAENIA, Rab. E. D. p. f43e: (Nitzschia t.)-

NOTHOCERATIUM.--(Deflandre, 1891)

FORRESTERIUM, Tempere.-Del. Syll. p. 9I6: (Triceratium.)-
 INSULUM, Castr.-Del. S. p. 9I5: (Tricerat)
 MULTIPLEX, Jan.-Del. S. p. 9I6:-(Tric.)----
 PARALLELUM, Grev.-Del. Syll. p. 9I5: (Tric.)---
 POLYGIBBUM, Pant.-Del. S. p. 9I6: "
 POLYGONIUM, Grev.-Del. Syll. p. 9I5: "
 PORTUOSUM, Jan.-Del. S. p. 9I6: "
 RETICULATUM, Grev.-Del. Syll. p. 9I5: "
 SCHMIDTII, Jan.-Del. Syll. p. 9I6: "
 " var. pustulata, A. S.-Del. S. p. 9I6: "
 SEXANGULATUM, Grev.-Del. Syll. p. 9I4: (Triceratium.)
 SEXPARTIUM, Grove & Start.-Del. Syll. p. 9I6: "
 STRABO, A. S.-Del. S. p. 9I6: "
 TAMIENSIS, Castr.-Del. Syll. p. 9I5: (Triceratium.)-

NOVILLA.--(Kütz., 1864)

BRIGHTWELLII, Cleve I868p. 234: (Sarirella B.)-
 FASTUOSA, Cl. I868p. 234; I873p. I2; Java p. II: "
 GEMMA, Heib. p. IOI; Cl. I868p. 234: "
 LATA, Cl. I868p. 234: "
 NOBILIS, Cl. I868p. 233: "
 OVALA, Heib. p. IOI; Cl. I868p. 234; I867p. 336: Lagr. I873p. 47: (Sar.)
 PINNATA, Lagr. I873p. 47: "
 SPLENDIDA, Cl. I868p. 233: "
 STRIATULA, Heib. p. IOI; Cl. I868p. 234: (Sarirella s.)-

- , Meneg. A.N.O. p. 433:
 -, DeToni, Oss. Bac. Tass. I39Op. 911:
 ACUTA, (E.)-Grun., V. 1. S. (Tricera tinn.)-
 AFFINIS, Grun.-V. 1. S. pl. I33f3, 4: (Tric.)---
 AMPHICEPHALA, (E.)-Ash. 3er. I315p. 333; K.S.A. p. 137; Del. S. p. 333:-(Bidd.)
 ANGULATA, A.S.-DeT. Syll. p. 339: (Bidd.)---
 ANTEPILUVIANA, (E.)-V. 1. S. - (Amphitetrax; -Tricera.)-
 APTERA, (E.)-Grun., V. 1. S. pl. I33f3, 4: (Bidd.)---
 I37-29f33; K.S.A. p. I33; Prit. I352p. 470; Bren. D.C. p. 19; Bidd., I371:
 Roper, Thomas; DeT. S. p. 332;
 (Bidd.)---
 v. mirina, Grun.-DeT. S. p. 333: (Bidd. aur., v.)-
 v. minor, Grun.-DeT. S. p. 333: (Bidd. aur., v.)-
 BARBADENSIS, Grev.-DeT. Syll. p. 339: (Bidd.)---
 BICULPHOIDES, Wyand.-Hedw. Vol. 2p. 45-7f21:-(Bidd. & O. p. 133, v.)---
 BIROSTRUM, Br.-DeT. S. p. 333: (Bidd.)--
 BORIANA, Pant. 2p. 37; 3p. -339; 24f337; DeT. S. p. 335;
 BRITTONIANA, K. & S.-DeT. S. p. 333:-(Bidd.)
 CALIFORNICA, Grun.-V.H.S. (Tric.)--
 CONSIMILIS, Grun., V. 1. S. -(Tric.)---
 COOKIANA, K. & S.-DeT. Syll. p. 333: (Bidd.)---
 CORNUTA, Grun.-V.H.S. -(Tric.)-
 DECORATA, Grev.-DeT. S. p. 337:-(Bidd.)
 DESMIDIUM, Cole, Essex;
 DISCIGERA, H.V.H.S.-DeT. Syll. p. 339: (Tric.)--
 DISSIPATA, Gro. & St.-DeT. S. p. 333: (Bidd.)--
 EDWARDSII, DeT. S. p. 333:-(Bidd.)--
 ELEGANS, Grun.-V.H.S.-DeT. S. p. 339:-(Tric.)
 EXPEDITA, A.S.-DeT. Syll. p. 339:-(Bidd.)--
 FAVUS, H.V.H.S. (Tric.)---
 FENESTRATA, Grun.-DeT. S. p. 339:-(Bidd.; -Auliscus of Atlas I25fII-I3;)
 GALLAPAGENSIS, Cl.-DeT. Syll. p. 334: (Bidd.)--
 GRANULATA, (Bidd.)--
 HEIBERGII, K.S.A. p. I33; Grun. I334p. 7-5f30; (Denticella laevis.)-
 var., H.V.H.S. pl. II4fIO, II; (Bidd. Tuomeyi.)
 LAEVIS, K.S.A. p. I33; (Bidd.; -Cerataulus; -Tric.)---
 MADAGASCARENSIS, V.H.S. (Tric.)---
 MAMMIFERA, V.H.S. (Tric.)-
 MAMMOSA, Grev.-DeT. Syll. p. 337: (Bidd.)-
 MANCA, A.S.-DeT. Syll. p. 339: (Bidd.)---
 MINUTISSIMA, Grev.-DeT. Syll. p. 337: (Bidd.)
 MOBILIENSIS, Bailey M.O. -.3: (Bidd.; -Zygoceros.)-
 NEOGRADENSIS, Pant. Ip. 47-24f2I3; 2, p. 33: Notar. I333p. 542;
 DeT. S. p. 335: (O. Roperiana, v.)
 OAMARUENSIS, Gro. & St.-DeT. S. p. 337: (Bidd.)--
 OBTUSA, K.B. p. I37-I3f3(I-3, 3-3): K.S.A. p. I33; Atlas I22f30, 3I;
 Wollé, 32f23, 24; DeT. S. p. 333; (Bidd. aurita & o.)--
 PEDALIS, Gro. & St.-DeT. S. p. 333: (Bidd.; -Grovea.)---

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- PLANA, A.S.-Det.Syll.p.369:- (Bidd.)--
 POLYCANTHOS, Bn.-Det.S.p.365: (Bidd.)--
 POLYMORPHA, K.B.p.I33-29f30; K.S.A.p.I36; Mont.Syll.p.473; Prit.
 I352p.470; Schum.I367p.30; Det.Syll.p.369:
 (Isthmia; -Bidd. & Cerataulus laevis.)--
 POLYMERA, Rab.E.D.p.30,f88; Det.S.p.369; K.S.A.p.I37; -(Cerataulus.)---
 PRIMORDIALIS, Bn.-Det.S.p.364; (Bidd.)
 PYGMAEA, Pant.3p. -35f493;
 RETICULATA, Roper.-Det.S.p.363: (Bidd.)--
 RHOMBUS, K.S.A.p.I36; Det.S.p.370: (Bidd.; -Denticella.)
 ROPERIANA, Grev.-Det.Syll.p.368: (Bidd.)-
 SEPARANDA, A.S.-Det.S.p.369: (Bidd.)--
 SMITHII, Ralfs.-V.H.S.- (Cerataulus.)-
 SUBAEQUA, K.B.p.I37-I3f8(4,5); K.S.A.p.I36; Det.S.p.364;
 (Bidd.aurita, & s.)-
 v.Baltica, Gn.-Det.S.p.365: (Bidd.s.,v.)---
 SUBLAEVIS, Gn.-Det.S.p.369:- (Bidd.)
 TENTACULIFERA, Cl.-Det.S.p.367: (Bidd.)---
 TUBULOSA, Bn.-Det.S.p.365: (Bidd.)---
 TUMIDA, K.S.A.p.I37; Det.Syll.p.369: (Bidd.; -Denticella.)-
 TURGIDA, K.B.p.I37-I3f8(9); K.S.A.p.I36; Prit.I352p.470; Det.Syll.
 p.364: (Bidd.t. & granulata; -Cerataulus; -Denticella.)----

ODONTELLA-LAMPRISCUS.-(Lampriscus)

- SHADBOLDTIANUS, Grev.-Grun.,V.H.S.pl.I03f5,6: (Triceratium.)-
 v.pentagona, V.H.S.pl.I03f7:

ODONTIDIUM.-(Odontidium)

- , Men.A.N.D.p.330: -, Pfitzer p.I20; Bidd.p.16,17
 -, L.W.B.,Amer.Nat.I363p.510-I3f21: -, Tanarek I379p.54:
 ACUTUM, Schum.I362p.I34-3f9: (Fragilaria.)--
 ALPIGENUM, Kerner.-Rabh.Alg.E.No.I765; Hedw.Vol.4p.56; Erbarium
 Crittog.Ital.No.I35; (Diatoma hyemale.)---
 AMPHICEROS, K.S.A.p.I3; Prit.p.776; R.E.D.p.II7; Det.S.p.341:-(Frag.)-
 ANCEPS, Ralfs,Prit.p.776; R.Alg.E.No.303; Schum.I.I.p.57:
 R.E.D.p.II6; Italy; Sm.Sp.1.377; Brun Alp.p.II5;
 (Diatoma; -Frag.capitata, a., & pteridium.)--
 v.anomala, Brun Alp.p.II6-4f6: (O.an.)---
 forma intermedia, R.E.D.p.II7: (Frag.leptocephala.)
 form.longissima, R.E.D.p.II7:
 for.minor, R.E.D.p.II7: (O.anomalum,"g".:-O.capitatum.)----
 f.ventricosa, Schum.-R.E.D.p.II7: (Frag.v.)-
 ANNULATUM, Corda, Almarach Carlsbad.- (Syrinx.)--
 ANOMALUM, S.B.D.2p.I6-31f373; A.M.N.1.I350p.49-4f7-9; I363p.7-I3f3;
 Prit.p.776; Grun.I362p.357; Carr.p.79; O'M.I.D.p.237;
 (Diat.anceps,v.)---
 v.curta, Grun.I362p.353:-(O.capitatum.)----
 v.longissima, Grun.I362p.357-7f4; Sm.Sp.1.No.379:
 BALDICKII, Btw.-M.J.I359p.I30-9f10:
 (Achnanthes; -Dimeris; -Nitzschia.)

hyemale,

" var. "a" genuina, Grun. 1862p. 356:

marinum, Grun. 1862p. 358-8f23a, b:

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- BINOUE, Rabh.-K.#1.p.31: (O.tacellaria, "b", W.S.: -Fragilaria.) ---
- BOGOTANUM, R.S.D.p.34-2f3; Prit.p.775; R.E.D.p.II7: (O.hym.v., & mesodon.)
- CAPITATUM, Rab.S.D.p.34-IOfI7; Prit.p.775: Grn.I332p.353;
 Prollius p.33: (Diatoma
 anceps; -Frag.c. & leptacephala; -O.anomalum, v., & chamocephalum.) -
- CHAMOCEPHALUM, R.S.D.p.34-IOfI6: (O. & Frag.capitata; -O.hymale.) ---
- CRETAE, Ralfs, Prit.p.776; R.E.D.p.II7; Det.Syll.p.341;
 (Frag.c. & paradoxa.) ---
- ELEGANS, O'M.I.D.p.233: (Denticula e. & ocellata.)
- GLACIALE, K.B.p.44-17f13; K.S.A.p.I2; S.I.C.2, p.I3: Brugger p.279;
 Rab.S.D.p.34-2f5; Schum.I331, I7: (D.hymale.) ---
- GLANS, K.B.p.45; K.S.A.p.I3; Prit.p.776: (Frag.: -Tetracyclus; -Navic.) -
- GRANDE, Rabh.S.D.p.33-2f1:
- GRANULATUM, K.S.A.p.I3; Prit.p.776; Det.S.p.341: (Fragil.) -
- HARRISONI, S.I.C.2, p.I3-50f373; Grn.; Mill; Brugger p.279; R.S.D.p.
 II9; Girard Boss.p.I2-2fI5; Kirch.Alg.Schlies.p.205; Sm.Sp.1.No.
 330; Det.S.p.339; Malaisie; (Diatoma; -
 Biblarium leptostauron; -O.(Frag. & Dimeregramma) H., informe & pinnatum)
 " formae mediocris, minima & minor, Rabh.-Det.Syll.p.340;
 " var."b", Roper.-T.M.S.I354, 77-3f3; S.I.C.2, p.I3-50f374:
- HYVALE, K.B.p.44-17f14; K.S.A.p.I2; R.S.D.p.34-2f4a, b; Brugger; S.I.
 D.2, p.I3-54f239; A.M.N.H.I357p.9-1f10; R.Alg.Nos.42I, 354, II00; Prit.
 p.775-9fI72; I3f24, 25; Brugger p.279; Grn.I332p.353; Carr.p.79; R.
 E.D.p.II6, f33; Roper, Thames; Schum.H.T.p.55; R.Bac.Exs.No.4: O'M.I.
 D.p.237; Kerguelen; Italy; Cl. & M.No.23I; Sm.Sp.1.33I; M.T.P.I-3-I2 &
 I3; Prollius p.77; Tanarek I379p.54, f33; Delogne; Hoffmann, Marburg;
 Wolle, 43f5, 6; A.M.M.J.I39Ip.1.If20; Brun Alp.p.115-4f2
 (Frag.confervoides, h., striata; turgidula; -Diatoma; -Tetrachium; ---
 Melosira Heuffleri; -O.chamocephalum & turgidulum.)
- " forma minima, Rabh.E.D.p.II3: (O.glaciale & turgidum
 " " minor, Rabh.E.D.p.II6: (O. & Frag.mesodon.)
 " v.diatomacea, Grn.I332p.357; (Diatoma mesodon.) --
 " v.glaciale, M.T.P.I-3-I4;
 " v.mesodon, Grn.I332p.357; M.T.P.I-3-I5; Brun Alp.p.II3-4f7;
 Italy; (O.Bogotatum; -O. & Frag.mesodon.) ---
 " v.rotundata, Rab.Alg.E.No.I034; R.S.D.pl.2, f4c:
 R.E.D.p.II6; Spamer, Duren;
 " v.turgidula, Grn.I332p.356; (O.glaciale & t.) ---
 " v.turgida, Brun Alp.p.II7-4f2:
- INFLATUM, O'M.I.D.p.233: (Denticula crassula & i.)
- INFORME, W.S.-A.M.N.H.I357p.I0-2fI2; (Dimeregramma; -O.Harrisoni, v.)
- LEPTOCERAS, K.S.A.p.I3: (Frag.: -Dimeregramma)
- MESODON, K.B.p.44-17fII; K.S.A.p.I2; S.I.C.2, p.I3-54f35; R.S.D.p.34-2f
 2; R.E.Ex.No.32; Brugger; Prit.p.775; Brugger p.230; Grn.I331, 337;
 Schum.H.T.p.55; O'M.I.D.p.237-27fI3; Sm.Sp.1.No.332; Spamer, Duren;
 Hoffm.Marb.; Wolle, 43fI-4;
 (Diatoma & Frag.hymaleis; -Frag.; -O.Bogotatum & hymale.) ---

(*Frag. mitabilis*; -O. harrisoni, var., & *Schm.* I362p. 339; Schum. I364p. 7-2f38 arg:
MUTABILE, S.B.D. 21. I7-34f290; Grun. I352p. 339; Schum. I364p. 7-2f38 arg:
New Zealand; Coll. p. 79; Alcock, 1883; Mill: D' . I. 3. 1. 236-1 f17;
Sp.T.Nos. 333, 692; Nylander, W.: Wolle, 43f7-12; Vinnard; Malaisie;
Kirch. Alg. Schl. p. 204; Det. Syll. p. 339;
(*Diatoma m. & tenue*: -*Dimerogramma*; -*Frag. amphioxys*, *alpinctata*,
diointhalma, m., *pinnata*, *punctata*, *turgida* etc.)--
" v. *intermedia*, Grun. -Det. Syll. p. 339; (*Frag. binodis*, v.)
" v. *genuina*, Grun. -Kirch. Alg. Schl. p. 205; Det. S. p. 339;
" v. *diatomacea*, Grun. -Det. S. p. 339; (*Frag. rot.*, var.)---
NODULOSUM, K.S.A.p. I3; Prit. p. 775; Det. S. p. 64f; (*Frag.*)---
PARASITICUM, S.B.D. 21. I9-30f375; Grun. I352p. 37f; Alcock, 1883; Mill:
Sm. Sp. T. No. 333 sub; (*Frag. binodis*, constrictus, p., & var. etc.; *Schm.*
" var. "b", S.B.D. 2p. 24: -(*Frag. par.*)
PINNATUM, K.B.p. 44; K.S.A.p. I3; Prit. p. 775; Italy;
(*Frag. mitabilis* & p.; -O. mitabile.)
PINNULATUM, K.S.A.p. I3; Prit. p. 775; R.E.D. 1. II7; Det. S. p. 640: -(*Frag.*)--
POLYEDRUM, K.S.A.p. I4; Prit. p. 775; Det. S. p. 640; (*Frag.*)---
PUNCTATUM, Btw. -M.J. I359p. I30-9f9; Det. Syll. p. 640;
ROTUNDATUM, K.S.A.p. I3; Prit. p. 775; Schm. I361. I7; R.E.D. 1. II7;
Det. S. p. 640: (*Frag.*)--
SALISBURGHENSE, Rabh. S.D. p. 34-2f7: -(O. & *Frag. Harrisoni*; -O. minimum.)---
SINDATUM, O'M. I. C. p. 235: -(*Cercionella*, *Dimerogramma*, *Grimmia*, *Milnesia* etc.)--
SPECIOSUM, Btw. -M.J. I359p. I30-9f9; (*Dimerogramma*; -*Frag.*)
STRIOLATUM, K.B.p. 43-2f120; K.S.A.p. I3; R.E.D. 1. 31-2f7; Prit. p. 775;
Stauder, Duran; (O. (*Frag. & Diatoma*) *mitabilis*; -*Frag. l.* & *pinnata*.)---
SYRIACUM, K.B.p. 45; K.S.A.p. I3; Prit. p. 775; R.E.D. p. II7;
Det. Syll. p. 640: (*Frag.*)---
TABELLARIA, S.B.D. 2p. I7-34f29I; M.J. I354p. IOI-4f22: Wolle, 43fI5-20;
S.G. I337, p. I3I, fI3I, I33, I35, I36; Amazon; Malaisie;
(*Dimerogr.*; -*Frag. & Staurosira constrictus*; -O. binode.)--
" var. "b", S.B.D. 2p. I7-34f29 Ib; (*Frag. binodis*.)
" var. (sporangial), Greg. -M.J. I354p. IOO-4f22a: Lewis, W.M.C. p. I3-
2fI, 2: (*Frag. binodis*, v.)---
TENUE, K.B.p. 44-I7f2; K.S.A.p. I2; R.S.D. p. 34-2f3; M.D. pl. I3fI4;
Schum. I364p. I7; Ebert, Cassel; Macdonald pl. IOf7; Prollius p. 77;
Hoffmann, Marburg; (*Frag.*; -O. hyemale.)--
VENTRICULOSUM, Schum. I362p. I34-3fIO; I364p. I7-2f4; -(*Diatoma anceps*.)--
VULGARE, Borg. -Pittzer p. I20-3f10: (*Oligoceros* v.)---

[illegible]

EXCENTRICUS, E.-Abh.Ber.1345p.79; Mik.pl.35A-13fII; V.S.A.p.129;
Prit.p.332-5f90; R.Alg.Eur.Nos.2149, 2235, 2433-2437, 2553; E.Nord.p.
94-2f26; Weisse Gu.p.307-2f54; M.D.pl.43f32; Carr.p.94; O'M.I.D.p.
270-27f5; M.T.P.4-I-7; (Cosc.ex.)
GRAMULOSUS, Grm.-Cl.1330p.II2; (Coscinodiscus.)
HIBERNICUS, O'M.I.D.p.271-27f7; (Coscinod.)----
HYALINUS, Grm.-Cl.1330p.II3; (Coscin.)-
PELLUCIDUS, Grm.-Cl.Vega p.433; (Cosc.)--
POLYACANTHUS, Grm.-Cl.1330p.II2-7fI27; (Cosc.)--
SPICA, E.-Abh.Ber.1345p.79; V.S.A.p.129; Prit.p.332;
(Cosc.odontodiscus, v.)--
SUBTILIS, Grm.-M.T.P.4-I-3; Wollp.34f7; (Cosc.Normannii, Grm.)---
URANUS, E.-Abh.Ber.1345p.79; V.S.A.p.129; Prit.p.332;
(Cosc.odontodiscus.)----

ODONTOTROPIS. - (Fleming, 1872) -

-, De Toni, Oss. Macr. 1900p.911;
BIROSTRATA, Pant.2p.34-17f235; 3pl.14f214; DeT.S.p.332:-(Non-Diat.)---
CALAMUS, Brm & Temp.-DeT.Syll.p.331; (Biddulphia.)-
CARINATA, Grm.-J.D.C.1370pl.14f12, 13; Cl. & M.No.147;
Grm.1334p.7; DeT.S.p.331; (Biddulphia)---
CRISTATA, Grm.1334p.7-2123; 3132; V.S.A.p.10214; DeT.S.p.331;
(Odontella; -Bidd.cr. & flammata.)-
HYALINA, Witt, 1335p.29-912; Pant.2p.34; DeT.S.p.332;
LONGISPINA, Grm.-DeT.S.p.331; (Bidd.)---
TENUICORNIS, Crev.-DeT.Syll.p.331; (Bidd.)-
VITREA, Pant.3pl.33f535; (Non-Diatomaceus.)-

ONEDENIA. - (Fleming, 1872) -

CRETAE, E.-DeT.Syll.p.230; (Amphiplena; -Eunotia.)---
INLEXA, Etl.-V.S.A.No.157; DeT.S.p.229; (Amphiplena; -Eunotia.)--
JAPONICA, Smith, et. - DeT.Syll.p.229; (Amphiplena.)----

OMPHALOPelta. - (Fleming, 1872) -

-, Castr.1337p.130-16f3;
ANTARCTICA, Castr.1337p.129-7f2; Notar.1339p.759; DeT.S.p.1391:-(
(Actinoptychus.)---
AREOLATA, E.-Abh.Ber.1344p.270; Mik.pls.33-13fI7; 35A-13fI2; V.S.A.p.
133; Prit.p.341-3fI5; M.D.pl.43f55; Weisse Gu.p.307-2f55; O'M.I.D.
p.255; Sm.Sp.T.335:-(Actinoptychus; -Actinopt. & Amphiplena)---
CAPENSIS, E.-Abh.Ber.1333p.336; (actinopt)
CELLULOZA, E.-Abh.Ber.1344p.270; V.S.A.p.133; Prit.p.341;
Sm.Sp.1.No.334; (Actinoptychus.)---
JAPONICA, Castr.1337p.129-11fI4; DeT.S.p.1392; Not.1339p.759:-(
JUVENASIS, Crev.-V.S.A.1335p.122-11fI4; (Actinopt.)-
PAPUA, Castr.1337p.131-13f9; Notar.1339p.759; DeT.S.p.1392:-(Actinopt.)--
PUNCTATA, Abh.Ber.1344p.270; V.S.A.p.133; Prit.p.341;
(Actinoptychus sumissimis.)--

SHRUBSOLIANA, Castr. I337p. I3I-23f2; Not. I339p. 730; Det. Syll. p. I392;
(Actinoptychus.) ---
VERSICOLOR, E. -Abh. Ber. I340p. 270; K.S.A.p. I33; Prit. p. 64I;
Sm. Sp. I. No. 336: (Actinopt.) ---

OMPHALOPSIS. - (E. v. 1840) -

AUSTRALIS, Grev. -Trans. Bot. Soc. Edinb. I333p. 537-541f10, II; Fortm. Cay.
p. 53; Det. Syll. p. 717: (Thalassiothrix.) ---

OMPHALOTHECA. - (E. v. 1840) -

AMPLIATA, E. -Mik. p. I27; Det. Syll. p. I425: (Xanthiopyxis.)
HISPIDA, E. -Mik. p. I27, pl. 35A-9f4x; Prit. p. 365-3f44; Det. S. p. I425: -('')-
JUTLANDICA, Grun. -V. i. S. p. I. 33f12; T. No. 449; Det. S. p. I425; (Xanth.)
' forma minor, V.H. Type No. 450:
LAEVIS, E. -Mik. p. I40; Det. S. p. I425: - (Xanthiopyxis.) ---

ONCODISCUS. - (Bailey, 1840) -

APICULATUS, Bailey, Collection; (Coseinodiscus a.) --

ONCOSPHAENIA. - (E. v. 1840) -

-, E. Mik. I353p. 38:
CARPATHICA, E. -Abh. Ber. I345p. 79; K.S.A.p. II; R.S.D.p. 6I; Prit. p.
763-3fI; R.E.D.p. 293; Det. Syll. p. 644; (Gomphonema; -Meridion.) ---

OPEPHORA. - (E. v. 1840) -

MARINA, Petit, Cap. torn p. I3I; Pellet. Diat. p. 33; Det. Syll. p. 643;
(Meridion; -Sceptroneis; -Thalassiothrix.) ---
PACIFICA, Grun. -Petit, Cap. torn p. I3I; Det. S. p. 643: (Fragil.) -
PINNATA, E. -Petit, Cap. torn p. I3I; Det. S. p. 649:
SCHWARTZII, Grun. -Petit, Pellet. Diat. p. 33: (Frag.; -Sceptroneis.) ---

OPHIDOCAMPA. - (E. v. 1840) -

CROCODILUS, E. -Abh. Ber. I369p. 5I: (Eunotia.) --
DENARIA, E. -A. Ber. I369p. 5I, pl. 2-2f3;
DUODENARIA, E. -Abh. B. I369p. 5I, pl. 2-2f10;
NONARIA, E. -A. Ber. I369p. 5I, pl. 2-2f17;
OCTONARIA, E. -A. Ber. I369p. 5I, pl. 2-2f6;
QUATERNARIA, E. -Abh. B. I369p. 50, pl. 2-2f2;
QUATUORDENARIA, E. -Abh. Ber. I369p. 50, pl. 2-2f12;
QUINARIA, E. -A. Ber. I369p. 50, pl. 2-2f3;
QUINDENARIA, E. -Abh. B. I369p. 50, pl. 2-2f13;
SENARIA, E. -A. Ber. I369p. 50, pl. 2-2f4;
SEPTENARIA, E. -A. Ber. I369p. 50, pl. 2-2f5, 17: (Eunotia; -Thalassiothrix.) ---
TAPACUMAE, E. -Abh. Ber. I369p. 52: (Eunotia.) --
TERNARIA, E. -A. Ber. I369p. 50, pl. 2-2f1;
TREDENARIA, E. -Abh. B. I369p. 5I, pl. 2-2f11;
UNDENARIA, E. -Abh. Ber. I369p. 5I, pl. 2-2f9;

Species omnes ascripturae ad Genus "Eunotia", Ehrh. --

+ hirsutella, J. R. C., 192 p. 27-3, f. 5-11.

Gymneta, R. - (Mastigloia) -

_____, C. - (Mastigloia).

Palton of Kota.
 & Gymphonema; N. Syn. p. 38;

Pyramphora
Subgenus *Amphora* - Vide Cl. Nov. 2 p. 125: 1893.

Polynomialen -

Pandurella.
Same as above - p. 26:

22222222

- KUTZINGIANA, Thwaites.-Heib.p.31; Cl.1863p.217;
(Cyclotella K. & operculata, v.)---
INTERJECTA, Jan.-Atlas 176fl-3;
ITALICA, E.-Carr.1.91; (Melosira; -O. spinosa; -O. Roeseana.)
MARINA, S.B.D.2p.59-53f333; Breb.D.C.p.8; Lewis N. & R.S.p.71;
Roper, Thames; Mull: O'M.Keiguelien; Reinhard; Mobile;
(Melosira; -O., Mel., & Paralia sulcata; -Paralia.)
MIRABILIS, S.B.D.2p.63; T.M.S.1863p.39; Carr.p.91; Deby D.T.p. ;
(Liparolyra usneformis; -Mel. Roeseana.)
NIVALIS, Kitton.-Mull; S.G.1863p.37, fl72; -(Mel.; -Coscino. minor.)
OCEANICA, Btw.-M.J.1860p.96-6f16; Carr.p.92;
(Coscino. minor; -Endietya; -Melosira.)--
OPERCULATA, K.-Heib.p.32; Cl.1863p.217; (Cyclot.)-
ORICHALCEA, S.B.D.2p.61-55f337; Braemar; Mull; Heib.p.31;
Cl.1863p.216; O'M.I.D.p.255; Gallia, Papan;
(Aulacosira crenulata; -Melosira; -Gaillonella, Mel., & O. Italica; -
Gaill. Crotonensis & o.)-
PUNCTATA, W.S.-M.J.1864p.100-4ff13; S.B.D.2p.62-62f339; Mull.p.31;
Cl.1863p.217; Carr.p.91; Mull; O'M.I.D.p.251; Amazon: Strose,
Kleiken p.15-1f32;
ROESEANA, E.-Eul.Sp.1.73; Carr.p.91; O'M.I.D.p.255-25f9;
(Melosira; -O. spinosa.)--
ROTULA, K.-Heib.p.32; Cl.1863p.217; (Cyclotella.)--
SCULPTA, E.-V.H.S.--- (Melosira)
SOL, E.-V.H.Syn.- (Melosira.)
SOLIDA, Eul.-M.T.P.4-6-12; (Mel.)
SPINOSA, W.S.-A.M.N.H.1855p.3-1f12; 1858p.260-4f14-17; S.B.D.2p.61-
61f333; Mull; Deby D.T.p. ; Carr.1873p.14; -(Mel. & O. Roeseana.)
SULCATA, Carr.p.91; O'M.I.D.p.252; -(Discosira; -Mel.; -O. marina; -Paralia
TENUIS, Rabh.K.Fl.p.14; Strose Kleiken p.15-1f31; (Melosira.)

ORTHOTROPIS.-(Cleve, 1911)

A Subgenus of Amphiroa; -Cleve, LeD. Vol. 2, p. 53, 1894.---

OSCILLATORIA.-(Greville)

- MAUSCULA, Jurgens Alg. Exs. Decad. 4, No. 7: Ag. Cor. p. 11;
(Berkeleya rutilans, v.; -Schizonema lutescens.)---
OCHRACEA, Grev.-Hooker's British Flora; (Melosira.)
PAXILLIFERA, Schrank.-Proc. Acad. Leopold., Vol. XI, pt. 2, p. 534;
(Bacillaria paradoxa.)--

PALMERIA.-(Greville, 1911)

- HARDMANIANA, Grev.-A.M.N.H. 1865p.2-5f1-4; Sm. Sp. 1. No. 337;
Malaisie; Cl. Vega p. 514;
VULGARIS, Kitton.-Grevillea p. 33 cum icones:-(A'p'ora. complexa.)

PANTOCSEKIA.-(Greville, 1911)

- CLIVOSA, Cl. m.-Part. I, 47-2 f12-5; 1861. 1863. 1865; Part. 2, p. 31;
Det. Syll. p. 1351;

Sulcata Heiberg 1862 p. 33: see also 1897 p. 346.
1897 p. 24:

- , Atlas I75f30, 31, 33, 50-54;
 CONCENTRICA, A.S. Atlas I75f47-49;
 DEBYI, Part. 3p. -33f475; Del. Syll. p. I35I;
 HOKKAIDIANA, Part. 3p. -29f423; Del. S. p. I35I;
 MARINA, W.S. -Heib. p. 33; Cl. I367p. 63I; I363p. 2I7;
 (Orthosira; -P. sulcata.) -
 ORNATA, Cl. I7-V. S. (Mollusca, v.)
 PETROI, Part. 3p. -27f407; Del. S. p. I35I;
 POLYCYSTINICA, Part. 3p. -2If307; Del. S. p. I35I;
 RUSSICA, Part. 2p. 79-27f396; Atlas I75f3-10; Del. Syll. p. I35I;
 SARATOVIANA, Part. -Del. Syll. p. I35I; (Moll. Ornat., v.)
 SEPARANDA, A.S. -Atlas I75f40, 4I;
 SULCATA, E. Cl. I373p. 7; I373p. I3; Lagr. I373p. IO; Deby Pol. p. 20; J. Q.C. I365p. I74; I367p. 63; Grun. I334p. 4I-5f35; Atlas I75f15, 16, 24-23, 32, 33, 35-37, 39, 44, 46, 54, 60, 67; Part. 2p. 79; Del. S. p. I349;
 " v. biseriata, Grun. I334p. 42; Part. 2p. 79; Atlas I75f45; Del. S. p. I350;
 " v. crenulata, Grun. I334p. 42-5f34; Part. 2p. 79; Del. S. p. I350;
 " v. genuina, Part. 2p. 79; Atlas I75f34;
 " v. " formae coronata, plana, radiata, radiolata, Part. 2p. 79;
 " v. hungarica, Part. 2p. 79-I3f295; Del. S. p. I350; 18f107
 " v. " forma coronata, Del. S. p. I350; Grun. I334p. 42; Atlas I75f20, 2I;
 " v. " " hexagona, A.S. Atlas I75fI7, I8;
 " v. " " plana, Del. S. p. I350; Grun. I334p. 42;
 " v. " for. polygona, A.S. Atlas I75fI9;
 " v. " for. radiata, Atlas I75f9, 22, 23, 29; Del. S. p. I350; Grun. I334p. 42;
 " v. " for. radiolata, Del. Syll. p. I350; Grun. I334p. 42-5f35;
 " v. crenulata, forma coronata, Atlas I75f6;
 " v. " forma plana, Grun. I334p. 42; Del. S. p. I350;
 " v. " forma radiata, Atlas I75f7;
 " v. " forma radiolata, Grun. I334p. 42; Del. S. p. I350;
 " v. multifaria, Grun. - Del. Syll. p. I350;
 " v. multifasciata, Grun. I334p. 42; Part. 2p. 79; " v. Sibirica,
 " v. Sibirica, Lagr. I373p. IO; Grun. I334p. 42-5f36; Part. 2p. 79, 30;
 Atlas I75f9, I5; Del. Syll. p. I350;
 " v. Sib., forma coronata, Grun. -Atlas I75fII; Del. S. p. I350;
 " v. Sib., forma radiata, Grun. -Atlas I75fI2-I4; Del. Syll. p. I350;

PARELION. -- (Schubert, 1842)

THUMII, A.S. Atlas I44f59-6I; Del. S. p. 937:-(Ornithocerus magnificus.)--

PENTAPODISCUS. -- (Schubert, 1842)

GERMANICUS, E. -Abh. Ber. I343p. I66; (Eupodiscus quinaris & p.)---

PEPONIA. -- (Schubert, 1842)

BARBADENSIS, Grev. -T.M.S. I363p. 73-7f25; Atlas I44f43, 49;

Ratt. Review p. 673; Del. Syll. p. I370;

LAEVIS, A.S. Atlas I44f50; Del. S. p. I370;

PERACALLIA. -- (Schubert, 1842)

-, Led. Vol. 2, No. 22, p. 220;

Phæoceros.
Subgenus of Chaetoceros: Gran, N. H. P., 1897.

- , A.J.S. I345p. 327-4f I5-I7;
 -, Bailey So. p. I4, f53;
 CAPRA, E. - ~~Mon.~~ Ber. I344p. 271; K.S.A. p. 23; Weisse I344p. 245, f"A";
 M.D. pl. 43f57; Wollé, 64f36; Mik. 18f49; (Dieladia c. & capreolus.) -
 CERVUS, E. - Abh. B. I344p. 271; K.S.A. p. 23; (Dieladia.)
 CHLAMYDOPHTHA, E. - ~~Mon.~~ Ber. I344p. 271; Mik. pl. I349a, b; K.S.A. p. 17; H.
 D. pl. 41f41, 12; Prit. p. 335-3f25; Wollé, 67f15; Del. S. p. I007;
 SEXOGALLICA, Bn. & H. - Herib. p. I33-2f7; 7a, b, c, d;
 TETRACLADIA, E. - ~~Mon.~~ Ber. I344p. 270; Mik. pl. 33-I3f9; K.S.A. p. 23; H.
 D. pl. 43f56; Prit. p. 335-3f25; Wollé, 67f17-I9; A.J.S. I344p. 1.2f13;
 Pant. 2, p. 74; Del. S. p. I007;

PERISTEPHANIA. - (Ehrh., 1842) -

- BAILEYI, E. - Abh. Ber. I370, pl. 3-I f I3; Wollé, 74f I5;
 EUTYCHA, E. - Abh. B. I344p. 240; Mik. pl. 35B-4b, f I4; Prit. p. 324-5f73;
 M.T.P. 4-I-3; Wollé, 64f I3;
 LINEATA, E. - Mik. pl. 33-I2f22; Abh. B. I370p. 53; Bailey Coll.;
 Prit. p. 324; (Stephanopyxis ambigua.) ----

PERITHYRA. - (Ehrh., 1842) -

- AUSTRALIS, E. - Abh. Ber. I339p. 52, pl. 2-2f I3;
 DENARIA, E. - Mik. pl. 35A-9f5x; Prit. p. 342-3f I9; - (Coscinodis radiatus, v.)
 QUATERNARIA, E. - Mik. pl. 35A-9f5x; Prit. p. 342; (P. denaria, v.) -
 SEPTENARIA, E. - Abh. Ber. I372p. 210;

PERIZONIUM. - (Ehrh., 1842) -

- BRAUNII, Cohn & Jan. Mss., I332 cum icones; Schum. I337p. 53-2f56; M.D.
 pl. 42f42; R.E.D. p. 223, f61; Del. Syll. p. 312;

PEROMIA. - (Breb., 1868) -

- ANTIOHA, C. M. I332p. I40-20f5, 9; Del. Syll. p. 349;
 BORYANA, Pant. 3p. - 3f I26;
 ERINACEA - Bn. & H. - H.S. I333p. 16; J.D.C. I370p. 35-I13; V. t. S. p.
 I45-36f I9; Del. S. p. 349;
 (Fibula; - Gomphonema & Syneura fibula; - Syn. spirulaeformis.) -
 HERIBAUDII, Bn. & Per. - Herib. p. I55-I f I a-c;

PERRYIA. - (Gellén, 1874) -

- GRUNGERII, Vitt. - M.M.S. I374p. 213-3f I-3; (Perryia grungerii.)
 PULCHERRIMA, Vitt. - M.M.S. I374p. 213-3f I-3; "
 WEISSELOGII, Vitt. - M.M.S. I374p. 213-3f I-3; "

PHLYCTAEMIA. - (Gellén, 1874) -

- MINUTA, K.S.A. p. 95; Prit. p. 925; R.E.D. p. 223; (Phlyctaemia minuta.)
 MINUTA, K.S.A. p. 95; Prit. p. 925; R.E.D. p. 223; (Phlyctaemia minuta.)

PINNULARIA. - (Gellén, 1874) -

- , E., Abh. Ber. I342p. 337; -, Abh. B. I370p. 1.1b, f52;
 -, Mik. pls. 7-32, f5, 7; 10; -, I3"A" f17;
 -, Mik. 35A-7f I9; -, Mik. 37-2f I4;

- Leptopharia, Cl. Nav. 2p. 86: - (Frustralia.)
 " maxima, Cl. Nav. 2p. 86: - (Navia v. sandwicensis.)
 " sandwicensis, A.S. Atlas 43 f 14 15:
 " for. minor, A.S. Atlas 43 f 23: Cl. Nav. 2p. 86:
 " turgidula, Cl. Nav. 2p. 86: -
 " undulata, Cl. Nav. 2p. 86:
 " lavis, Cl. Nav. 2p. 86: Atlas 43 f 18:

Aestuarii, Cl. Nav. 2p. 93-1 f 16:

Amphora,
 " digitus, A.S. - Cl. Nav. 2p. 95: (Amphora d.)

(P. ...; - ... sp. var. ...; - var. ...ana.)
7 " B. ..., Gn. - Cl. Nav. 2 p. 75: - (var. ...)

+ Balfouriana, Gn. - Cl. Nav. 2 p. 80-1f18:

+ ..., (P. ...)

8 " var. stauroneiformis, cl. - A. cl. 1895 p. 11:

Bogotensis, Gn. - cl. Nav. 2 p. 83: - (var. Bog.)

- Borratis, cl. Nav. 2 p. 80: 328-1353 ~~34-35~~

Breissonii, K. - cl. Nav. 2 p. 78: - (T. monomorum, p. p. -

11 " var. notata, Herib. - Cl. Nav. 2 p. 78: - (var. not.; - P. stauroneiformis, p. p.)

+ Brevicostata,

11 " V. Demerarae, cl. Nav. 2 p. 86: -

11 " var. tenuis, A. cl. 1895 p. 7-1f4:

+ cardinalis, Cleve Nav. 2 p. 79-1f12:

+ Clavicularius, Griseb., Cl. Nav. 2p. 96: - (Nav. Rath. E. D. p. 221:
" var. javanica, Cl. - Cl. Nav. 2p. 96: -

constricta, of Cl. Nav. 2p. 98 - 1 f 14: -

Conspicua, A. S. - Cl. Nav. 2p. 88: - (Nav. con)

c. ciliata, Cl. Nav. 2p. 97: - (Nav. c.) -

c. ciliiformis, - (N. elata.) -

" var. brevior, Cl. Nav. 2p. 97: (Nav. cr. v. brev.) -

" " Seychellensis, Gr. - Cl. Nav. 2p. 97: - (Nav. S.) -

" " Upolensis, Gr. - Cl. Nav. 2p. 97: - (Nav. Up.) -

Aclytus,

" v. Saricana, A. S. - Cl. Nav. 2p. 90:

" v. Stenoceras, Cl. Nav. 2p. 90: atlas 43 f 29:

" v. littoralis, A. S. - Cl. Nav. 2p. 90: - (Nav. littoralis)

: : : : : :

CARDINALIS, E.-S.B.O. p. 55-19f133; Mull; Carr. p. 110; Hill; R.E.O. p. 220; Schum. 1867 p. 575. G. 1863 p. 36, f36; Brin Alg. p. 35-3f23; Cl. 139 Ip. 21: *Cl. nav. 2 p. 94*: (P. episcopalis; -

N. (& Stauroneis) e., & stauroptera; -Stauroneis: *Stauroneis*

CAROLINENSIS, E.-Mik. 1353 p. 71:

CATHARINA, E.-Mik. p. 311:

(Nav.) --

CHILIENSIS, E.-Amer. p. 132, pl. 1-2f2; Mik. pls. 34-11c, f3; 33A-17f3;

R.S.O. p. 42-3f13; R.E.O. p. 224; *Nav. 2 p. 94* (Nav.)

CHILENSIS, Bleisch, 1863; Hedw. Vol. 21. 23-4f1, 2; R. Alg. Eur. No. 33;

(P. borealis, meridensis & lateristriata.) ----

CINCTA, E.-Mik. pl. 10-2f6; R.E.O. p. 226: (Nav.) -

COCCONEIODES, Rabh. S.O. p. 43-6f13; Prollius p. 64; Spamer, Duren;

Hoffmann, Marburg: (Nav. e. & elliptica.)

COCCONEIS, E.-Abh. Ber. 1312 p. 337; Mik. pls. 35A-7f19; 15A, 11f1: (Nav.) --

COLISSII, O'M.-M.J. 1370 p. 202:

COMPLANATA, E.-Nord. p. -2f54;

(Nav.)

COMPRESSA, E.-Abh. Ber. 1360 p. 322:

(Nav.)

CONOPS, E.-Amer. p. 132, pl. 3-7f20; R.S.O. p. 46-6f29; (Diploneis; -Nav.) -

CONSTRICTA, O'M.-M.J. 1377 p. 115-5f3; 82:

(Nav. fortis.) --

COOPERII, E.-Mik. 1356 p. 77:

COSTATA, E.-Amer. p. 132; Mik. pl. 4-2f5; R.S.O. p. 42; R.E.O. p. 225:

(Nav. megaloptera & pleurophora.) --

COUPERI, Bailey M.O. p. 39-2f53; R.E.O. p. 224: *Nav. approx.* (Nav. D.)

CRABRO, E.-Abh. Ber. 1344 p. 31; Mik. pl. 19f29; R.S.O. p. 46; R.E.O. p.

219; weisse G. p. 307-2f53; *Nav. 2 p. 94* (Diploneis; -Nav.) --

CRATICULA, E.-Mik. p. 201:

(Nav.)

CRIOPHILA, Castr. 1337 p. 26-15f2:

(Nav.)

CRUCIFORMIS, Donkin.-Carr. p. 110: *Cl. Nav. 2 p. 94*: (Nav.)

CRUX, E.-Mik. pl. 12f37; R.E.O. p. 224;

(Nav.)

CYPRINUS, E.-Amer. pl. 1-2f7; R.S.O. p. 44-3f22; S.B.O. p. 57-13f17;

N. & R.S. p. 71; Mull; Carr. p. 110; Schum. 1867 p. 53-2f50; R.E.O. p. 218;

(Diploneis; -Nav.) --

DACTYLUS, E.-Amer. p. 132, pl. 4-11f3; Mik. pls. 1-3f12; 2-2f4; 2-3f22; 3-4f1;

4-2f1; 4-3f12; 15A, 11f1, 11; 17-2f2; 33-9f7; R.S.O. p. 42-3f3; M.J. 1350,

pl. 1f7; S.B.O. 2, p. 105; Carr. p. 109; Schum. 1867 p. 20-2f20; R.E.O. p. 219;

Dipl. 1, 1370 p. 10-11f12 Carr. 1337 p. 333, f192 sub; Cl. 139 p. 24;

(Nav.; -P. viridis: *P. gigas*, pp. - *N. dactylus* f. form.)

" var. "b", E.-Mik. pl. 16-2f9;

DALMATICA, Rabh. E.O. p. 219:

(Nav.)

DECORA, E.-Mik. p. 311:

(Nav.)

DECURRENS, E.-Amer. p. 132, pl. 3-1f5; Mik. pls. 2-3f4; 4-3f7; 5-2f16;

11f27; 12f13, 13; 35A-6f9; R.S.O. p. 45-3f23; Adelt, Castell; Schum, O.T.:

Hoffmann, Marburg;

(Nav. d. & gibba.)

DECUSSATA, E.-Abh. Ber. 1345 p. 354; R.E.O. p. 226:

(Nav.)

DICEPHEA, E.-Inf. p. 135; Amer. pls. 2-1f19; 2-2f5; Mik. pls. 3-2f12; 4-

7f17; 4-3f5; 5-1f19; 5-1f12; 11f7-9, 13; 17-1f11; 33-14f20; 10-2f6;

35A-3f3; R.S.O. p. 44-3f44; Schum. 1867 p. 133-9f27; Hoffmann, Marburg;

Spamer, Duren;

(Nav. capitata & d.; -P. brevis.)

+ distinguenda, Cl. Nav. 2p. 92: - (Var. *Hyrtlii* & *paripinnata* *trindis*:
P. trindis & var. *dist.*; *cl. Nav. 2p. 92*

divergens, WS. - forma ornata, Gn. - Cl. Nav. 2p. 79:
" var. *cuneata*, Gn. - Cl. Nav. 2p. 79: - Atlas 44 f10, 11: - (Var. *div.* v. *ell.*) f.
" " *sublinearis*, Cl. Nav. 2p. 79: - (Var. *procera*) - Atlas 44 f20, 23:
" " *elliptica*, Gn. - Cl. Nav. 2p. 79: - (Var. *ell.*; - Var. *div.* v. *ellip.* pp: -
" " *cardinalis* v. *africana*; var. *viridis* v. *stamophora*: -
" " *Schreinfurthii*, d.S. Atlas 44 f4, 5: - Cl. Nav. 2p. 79:

+ *divergens*, Cl. Nav. 2p. 77: - (Var. *nodulosa*, v. -

> " var. *subrotata*, Cl. Nav. 2p. 10-15:

> Episcopalis

" var. *brevis*, Cl. Nav. 2p. 80:
" v. *Africana*, Cl. Nav. 2p. 80:

excellens, Cl. Nav. 2p. 97: L.D. Vol. 1p. 31-5 f6:

" var. *interrupta*, Cl. Nav. 2p. 97: L.D. Vol. 1p. 21:

flamma, al. - Cl. Nav. 2p. 89: - (Var. *fl.*)

flammula, al. - Cl. Nav. 2p. 89: - (Var. *fl.*)

flexuosa, Cl. Nav. 2p. 93 - 1 f23:

fluviana, Cl. Nav. 2p. 94: - (Var. *fluminensis*, var. f.)

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- DIDYMA, E.-Amer. pls. 2-4f3; 2-6f24; 3-7f9; Mik. pls. 13f69; 21f34; 22f30a, b; R.S.D. p. 46-6f26; Jan. Gu. p. 23-2b, f13; weisse Gu. p. 307-2f59; 1334p. 63I-4f34; R.E.D. p. 213; (Diploneis; -Nav.)-
- DIGITO-RADIATA, Greg.-M.J. 1350p. 9-1f32; S.B.D. 2p. 103; Carr. p. 110; R.E.D. p. 215; (Nav. cyprinus & u.)-
- DIGITUS, E.-Mik. pls. 5-3f2; 33-3f15; 33A-3a, f1; R.E.D. p. 225; (Nav.)-
- GLADIATA, E.-Mik. pl. 5-3f13; B.S.D. p. 1331. 337-1f33, 31;
- GLONPILATA, E.-Amer. p. 132, pl. 5-7f25; Mik. pl. 13133; R.S.D. p. 44-6f57; (Nav.)-
- DIRECTA, S.B.D. Ip. 56-13f172; Carr. p. 109; Roper, Thames; Reinhard; R. E.D. p. 217; Jan. & R. p. 10-1f7; 111; Jan. 71. p. 23-1a, f25; (Nav.)
- DISCIFORMIS, Rabh. S.D. p. 42-6f23d;
- DISPLANIA, E.-Amer. p. 132, pl. 3-7f21; R.S.D. p. 43-3f33; S.B.D. p. 220; Hoffmann, Marburg; Spamer, Duren; (Nav.)
- DISSIMILIS, Rabh. S.D. p. 45-6f32; (Nav. clapsydra & u.)
- DISTANS, S.B.D. Ip. 56-13f169; Carr. p. 110; Roper, Thames; Reinhard; Hull; R.E.D. p. 217; Mobile; (Nav.)
- DIVARICATA, O.M.-M.J. 1337p. 115-5f7; (Nav. latissima.)
- + DIVERGENS, W.S.-M.J. 1354p. 100-4f15; S.B.D. Ip. 57-13f177; 19f173; Carr. p. 110; Bleisch, 1353; Schm. 1337p. 57; S.B. 1337p. 133, f146; Hull; R.E.D. p. 221; Blum Alp. p. 33-3f10; Cl. 139Ip. 27; 1895p. 7: Nav. 2p. 80: (Nav. v. elliptica)
- + v. elliptica, Grun.-Cl. 139Ip. 23: a. cl. 1895p. 9: (Nav. e.)---
- + DIVERGENTISSIMA, Cl. 139Ip. 29: a. cl. 1895p. 10: (Nav.)--
- DUX, E.-Mik. pl. 8-2f5; R.E.D. p. 225; (Navic.)
- ERLENBERGII, Rabh. S.D. p. 43-3f11; Ebert, Cassel; Spamer, Duren; Hoffmann, Marb.; -(Nav.)
- ELBENSIS, Greg.-M.J. 1350p. 9-1f33; S.B.D. 2p. 103; Carr. p. 103; (Nav. e.)
- ELLIPTICA, Rabh. S.D. p. 42-6f23; weisse 1361. 331-4f30; Blum Alp. p. 237; Hoffmann, Marb.; Ebert, Cassel; Spamer, Duren; (Nav.)
- ENTOMON, E.-Amer. pl. 1-1f3, 4; Mik. pls. 19f30; 33-17f13; R.E.D. p. 213; (Diploneis; -Nav.)
- > EPISCOPALIS, Cl., 139Ip. 27-1f4: Cl. Nav. 2p. 80: (P. cardinalis, p. f.)
- > ERGADENSIS, Greg.-T.M.S. 1355p. 43-5f22; Carr. p. 109; R.E.D. p. 213; (Nav. cancellata, v., & Erg.)--
- ESOX, E.-Amer. p. 133, pl. 1-2f1; R.S.D. p. 43-3f7; Schm. 1337p. 133-9f13; Cl. 139Ip. 24-1f3; 1895p. 6: Nav. 2p. 80: (Nav.)
- > EXIGUA, Greg.-M.J. 1354p. 93-4f14; S.B.D. 2p. 103; Carr. p. 110; (P. & Nav. mitaillii; -Nav.)---Diploneis, Nav. 135
- >>> FLUMINENSIS, Rabh. E.D. p. 221; (Navic.)
- FORNICULA, O.M.-M.J. 1337p. 117-5f9; (Nav. f. & suborbicularis.)----
- FOLIUM, E.-Mik. p. 263; (Nav.)
- FORMICA, E.-Mik. p. 311; (Nav.)
- FORTIS, Greg.-T.M.S. 1356p. 47-5f19; Carr. p. 110; Carr. p. 215; Hoffmann, Marb.; (Nav.)
- FULVA, E.-Mik. pl. 1f-1f13a, b; (juvencus). (Nav. f.)
- FUSUS, E.-Mik. p. 39; (Nav.)
- GARGANICA, Rabh. S.D. p. 44-3f11; (Nav. f.)

Popillia 1859:

gibba, E. - Cl. Nav. 2p. 82: - (Stenoptera; hirsuta
appendiculata, P.p. + Proserpinus).

" interrupta, Cl. Nav. 2p. 83: - (var. abaujensis: -
H. Tabell. q. V.H.S.; - H. Stenoptera.)

" sancta, Grun. mss.: - Cl. Nav. 2p. 83:

" concolorata, Cl. Nav. 2p. 83: - (H. gibba, v. Tabell.)

quadrifida, Grog. - Cl. Nav. 2p. 74: - (var. P. m. at, Tar.)

" var., Cl. 1895 7 100 10:

Groenlandica, Cl. Nav. 2p. 98: - (Nav.)

hemiptera, K. - Cl. Nav. 2p. 85: - (H. debilis: - H. hybrida: H. hem. v. Rich.: -
" var. interrupta, Cl. Nav. 2p. 85)

HIVSEANA. Rath. Ciq. Sachs. # 953:

inacqualis Mik. 2-3 f 13: abt. B. 1838 p. 103

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GASTRUM, E.-Amer.p.133, pl.3-7f23; Mik.pls.5-1f12; 5-2f13; 7-3a, f14; 13-2f10c; 15A, f23; 37-3f10; 33A-3f2; Abh.Ber.1370pl.2-1f14; 3-1f15; R.S.D.p.41-3f15; M.O.1335p.1f-1f20; S.B.D.2p.100; Schum.1332p.133-3f33; R.E.D.p.223; Ebert, Cassel; Strose, Kl.p.9-1f1a; Spamer, Duren; (Navicula g.) - E. in 1899. Am. 1839: A. Ber. 1826. p. 162.

* var. "b", seminoides, Strose, Klyiken p.9-1f1b;

GEMINA, E.-Abh.B.1340p.214:

(Nav.)

GEMILIS, Cl.139Ip.21: *Navicula gemina*

(Nav.)

GIBBA, E.-Am.1.118.1-213; 2-1f24; 3-1f14; Mik.pls.5-3f12; 5-1f10; 14f13; 7-1f11; 15A, f13; 15-3f23; 17-1f12; 17-2f10; 39-1f10; Am.1.1371, 1f.13, 100; Mull; R.S.D.p.45-3f27; S.B.D.1p.55-1f130; Waisae 1330p.33-1f33; 1334p.107, 331-1f11, 31; 31-1f10; 1333; A.M.N.1.1335p.131-4f17-31; New Zealand; R.Alg.Eur.No.333, 334; Mull; Carr.p.109; Spamer, Duren; R.E.D.p.211; Ebert, Cassel; Brun Alp.p.35-3f17; Hoffmann, Marburg; Prol.p.65; Gallia, Japan: -(P.tabellaria, v.; N.aerosphaeria & g.)-

* v.aerosphaeria, Brun Alp.p.36-9f26;

(Nav. & P.ac.)

* v.curta, Bleisch, 1333p.31;

* v.tabellaria, Brun Alp.p.35-3f13; Tilar 1335p.35-1f25; 2f10; -(Nav.)

GIBBERULA, E.-Mik.pl.33A-2f5; R.S.D.p.45-6f30; Spamer, Duren: -(P.gibba.)

GIGAS, E.-Amer.p.133; Mik.pl.2-3f1; R.S.D.p.45;

S.G.1337p.131, f139:

(Pinn. dent. f.)

(Nav.)

GLACIALIS, E.-Abh.B.1372p.299; No.10.p. -2157;

(Nav. paleo.)

GLOBICEPS, Greg.-M.O.1335p.10-1f34; S.B.D.2p.100; Carr.p.110;

* R.E.D.p.221; Cl.139Ip.30: *Nav. 2p.77*:

(Nav.)

GRACILIS, E.-Abh.Ber.1343p.179; 1f.2: S.B.D.1p.57-1f171; Mull; Carr.

p.110; R.S.D.p.43; Schum.1337p.55; Hull; Hoffmann, Marb.; Frieschlin

Senk.Vol.4, p.69-4f29x; Spamer, Duren;

(Cymbella & Frust.avenacea; -Frustulia; -Nav.lanceolata, & g.)

GRANDIS, Macdonald pl.10f23; 24f"i";

GREGORYI, Rabh.E.D.p.233:

(Nav.)

GUTTULIFERA, Rabh.E.D.p.224:

(Nav.)

GRACILLIMA, Greg.-M.O.1335p.9-1f31; A.M.N.1.Vol.15, Series 2, p.3; S.

B.D.2p.95; Carr.p.108; Hull; Hoffmann, Marb.; (Nav.pisciculus, & g.)

HARTLEYANA, Grev.-A.M.S.1335p.57-3f30: *Nav. 2p.807*

(Nav.)

HEBRIDENSIS, Greg.-M.O.1334p.23-4f13; (P.borealis & latestriata.)

HEMIPTERA, Rabh.S.D.p.42-6f17; Graemar; S.B.D.2p.95; Carr.p.109; R.

E.D.p.212; Pfitzer p.40-4f2, 3; Hull; Hoffmann, Marburg; Spamer, Duren;

Cl.139Ip.25; 1875p.7;

(Nav.instabilis ~~RA~~; -P.acuminata.)

* var. "b", angustior, Rabh.E.D.p.213;

HEMPRICHI, E.-Mik.p.192:

(Nav.)

HETEROPLEURA, E.-Am.1.1.133; Mik.pl.5-2f11; -(Cymbella; -P.inequalis.)

HOFLEII, Rabh.E.D.p.214; Pecten.1.12-2f17-19: *Nav. 2p.807*

+HILSEANA, Jan.-1183, 1330p.32; Cl.139Ip.29; (Nav.h. & subsp.1642.)--

HUNGARICA, Grm.-Cl.139Ip.30:

(Nav.)

ISLANDICA, E.-Cl.139Ip.25; 1875p.7:

(Nav.)

INAEQUALIS, E., Am.1.118.2-1f23; 2-2f10; 4-3f15; Mik.pls.2-2f10; 3-1f10;

3-3f15; 3-4f19; 4-1f13; 4-2f13, 14; 4-3f10; 5-2f10; 5-3f10; 5-1f11; 12-

1f13; 13-2f10a; 12f13; 14f13; 17-2f14b; 15A, f23; 35-1f13; 35-3f13; ----

1875p.7

intermedia, Cl. Nav. 2 p. 80: - (nav. int.; -

+ integra, Cl. Nav. 2 p. 87: a Cl. 3 f. 4:

(P. microstaurum;

interrupta, gibiceps: - N. var. int., β: - N. var. mesolepta, β; nav.

capitata; gibiceps: - N. termis: - N. mesolepta, v. Bory.: -

" forma stamineiformis, Cl. Nav. 2 p. 76:

(var. termis, v. Staur.: - Pinn. Cl. Nav. int. p. p.: -

" var. crassior, gn. - Cl. Nav. 2 p. 76: - (nav. globiceps, var. c.) -

laetiviridis, Cl. Nav. 2 p. 93: - (var. is. var. con.: - Staur. p. p.: - N. virid. v. 1899

189, p. 25; a Cl. 95 p. 7:

> Lagerheimii, a. Cl. 1895 p. 6-1 f. 2:

+ lata, Bl. Frustulia: var. megaloptera + var.: - N. lata, v. minor: -

var. Pin. pachyptera: N. costata: -

" v. curta, gn. - Cl. Nav. 2 p. 81: - (nav. l., v. curta.)

" v. minor, gn. - Cl. Nav. 2 p. 81: - (nav. l., v. minor.)

" v. latishiota, gn. - Cl. Nav. 2 p. 81: - (nav. borealis, v. p. p.: - Pinn. latestr.) -

" v. Rabenhorstii, gn. - Cl. Nav. 2 p. 81: - (N. Thuringiaca: - N. Rabenhorstii: -

var. borealis, v. foetida: -

Leguminosae, G. -

" v. microstaurum, gn. - Cl. Nav. 2 p. 76: - (Nav. flor., β h. divergens, v. undulata.)

" v. ornata, Cl. Nav. 2 p. 78:

Cl. Nav. 2 p. 76: - (nav. l.)

Liguita, Cl. Nav. 2 p. 85-1515

Polinata, L. & St. - Cl. Nav. 2 p. 97: - (Nav. lob. + spathiferia)

Luculenta, A.S. - Cl. Nav. 2 p. 81: - (Navic.) -

+ major, Cl. 1895 p. 6: J.R.M. 5 1894 p. 509 51-2 p. 616 of 1895

Cl. Nav. 2 p. 89: (Fructescentia:

" var. linearis, (N.S.) Cl. Nav. 2 p. 89: (Pim. m. of N.S.; Nav. m. var. an. rectica.

" " levina, A.S. - Cl. Nav. 2 p. 89: - (Nav. L.)

" " asymmetrica, Cl. Nav. 2 p. 89: - (Nav. L.)

" v. subacuta, E. - Cl. Nav. 2 p. 89: (Nav. + P. subac.)

" v. turgidula, Cl. Nav. 2 p. 89:

mesogonyla, E. - Atlas 45 f 45: (N. gibba, H.S.) -

+ mesolepta, var. linearis, Cl. Nav. 2 p. 89: (Pim. m. of N.S.; Nav. m. var. an. rectica. 87-91 2262

" v. stauroniformis, Lm. - Cl. Nav. 2 p. 76

Tennis, A.C. 1895 p. 11:

" v. angusta, Cl. Nav. 2 p. 176: - (var. gracillima, A.S.) -

" v. polygonica, A.S. - Cl. Nav. 2 p. 76: - (var. poly.; - Nav. mes., p.p.) -

Cl. Nav. 2 p. 74: - (L. mesolepta)

mesolepta, Cl. Nav. 2 p. 74: - (L. mesolepta)

monile, E. M. pl. 14 f 17

microstaurum, (N. divergens, f. minor; v. B. ex. sup. m.; - P. int. of Ped.; - N. bicap. v. hybrida:

var. prolonga; - P. R. ab. h. tiana; - N. divergens v. prolonga: -

memnonium,

trilobis Cl. Nav. 2p. 92; (P. mesog., p.p. 4-

a, Cl. Nav. 2p. 87:

" for. capitata, E. Cl. Nav. 2p. 87; - (P. exaristulata, G.)

" var. formica, E. Cl. Nav. 2p. 87:

(var. formica p.p. - P. punct. p.p. P. polygona, p.p.)

> abtusa, E. Mix. p. 4: -

onegonica, Cl. Nav. 2p. 88:

1. Stenoptera; - b. gibba v. brevis; c. caudata; d. biglobosa

. v. cinctistrata & peregrina, v. cinctistrata.

" var. Lagerstedtii, Cl. Nav. 2p. 87:

" var. novaezeelandiae, Cl. Nav. 2p. 87:

PINNULARIA.----

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- MONILE, E.-Abh.Ber.1340p.214; Mik.pls.14617; 17-1f12; R.S.D.p.45;
R.E.D.p.220: (Nav.m. & mesolepta, v.)--
- PONONIS, E.-Mik.pl.18f10? (P. quadrifida, v.)--
- MUSICA, Bailey Coll.; (Plagiogramma Gregorianum.)--
- MUTABILIS, Greg.-T.M.S.1355p. -2f13b; S.B.D.1.102;
(Nav.exigua, m., & variants.)-
- NANA, Carr.p.110: *Schm. H.D.p. -2f23,24; -* (Nav.)
- NAVEANA, Rabh.E.D.p.222; (Nav.)
- NORILIS, E.-Abh.Ber.1340p.20; Anal.119.2-1125; 2-2f2; Mik.11.3-111;
3-2f1; 3-4f1; 4-1f2; 4-2f2; 4-3f13; 5-1f13; 5-3f1; 14f1; 15A,113;
15B,f7; 17-1f3; 17-2f3; 33-3f17; 33-9f3; 35A-3f11; 39-3f99; R.S.D.1.
44-3f2; R.Alp.fur.Nos.343,1455 sin; Mill: S.B.D.1.54-1f11a; Carr.
p.109; Schm.1352p.157; Mill; Curan. Nos.1.10-11f3; Michx.11.Schl.
1.1f4; R.E.D.p.209; Dittel,1370p.10-2f13a-c; Hoffmann,Marb.; W.H.
Alp.1.34-3f3; Ebert,Cassel; Carr.1351p.353,1192 sin; Gallia,Paris;
Mobile; Cl.1391p.21: >8.7Mik.pl.2-2f10a,f12,f13,f14 (Nav.10112)
- " v.major, Brun Alp.p.34-3f1: - (P.m.)
- NODOSA, S.B.D.2p.96; S.G.1331:33,f57; Carr.1.103; R.S.D.1.224; 2043;
Cassel; Gallia,Paris; Cl.1391p.29: (Nav.; -P.13.1011 & mesolepta, v.)
- NORMANNII, Rabh.E.D.p.217: (Nav. & P.cylindrus, w.S.)--
- NORVEGICA, E.-Abh.Ber.1350p.157; Weid.1340p.77; Mik.1.
33-15f9: (Navicula.)
- OBLONGA, K.-Rabh.S.D.p.45-3f3; S.B.D.1.55-13f155; Front.; Schm.1352
p.133; Weiss.1354p.351-4f32; Carr.1.109; Roger,Thames; Mill; R.S.D.
p.213; Brugger p.233; Brun Alp.p.32-3f3; Belone; Hoffmann,Marb.;
Strose,Kleiken;
(Frustulia ocellata; -Nav.; -Nav(& P.)Macilenta & polyptera.)-----
- " var."b",media; Brugger p.288;
- " v.macilenta, Rabh.E.D.p.215; Nav.Vol.21.133; (Nav.1.)--
- OBLONGO-LINEARIS, Koslowski, Alp.Simile.1.1f7-17f12,b; 1950.Chlpt.
1339p.40; Arb.Nat.Gest.1390p.395-433 ch.1001; J.R. .S.1390p.75;
> OCEANICA, E.-Abh.B.1344p.254: (Nav.)
- OHIIENSIS, E.-Mik.1356p.71: (Nav.)
- OREGONICA, E.-A.Ber.1345p.79: 1370p.1.2-1f10,II; Mik.1356p.11:
R.E.D.p.225: (Nav.)
- OTRANTINA, Rabh.S.D.1.44-3f2: (Nav.)
- OVALIS, Hilse, 1360p.32; ??
- OXYLEPTA, E.-Mik.1356p.71: (Nav.)
- OXYTRACHEA, E.-Mik.1356p.71: (Nav.)
- PACHYCHORDA, Rabh.S.D.1.45-3f40; Hoffmann,Marb.; (Nav.)
- PACHYPTERA, E.-Anal.1.133,pl.4-2f9; Mik.119.CEA-2f17; 13A-1f17;
R.S.D.p.45-3f11; R.E.D.1.224; (Nav. & P.lata; -P.m.10112, v.)
- PANCURA, Greg.S.D.C.p.17-1f22; Carr.1.105; Reinhard;
Nav.p.,var., & cladio.)-
- PARMULA, Breb.-R.E.D.p.216: (Nav.)
- PARVA, Greg.-M.J.1354p.93-4f11; S.B.D.2p.103; Carr.p.103;
R.E.D.p.216; Cl. 71a, 2p.87. (Nav.parvula.)--

Polysphaera, (P.)

quadrata 'area, A.S. - Cl. Nav. 2p. 95: - (Nav. Prim. et quadrat.)

- 3 " var. *Baltica*, Gn. - Cl. Nav. 2p. 95: - (Nav. Prim. v. Balt.) -
- 4 " " *interrupta*, Cl. - Cl. Nav. 2p. 95: - (" " v. *inter.*) -
- 9 " " *Seychellensis*, Gn. - Cl. Nav. 2p. 95: - (Nav. Prim. v. Seychell.) -
- 10 " " *Soderlandii*, Cl. - Cl. Nav. 2p. 95: - (" " v. *Sod.*; -) -
- 13 " " *Tahitensis*, Gn. - Cl. Nav. 2p. 95: - (" " v. *Tahiti.*) -
- 2 " " *asymmetrica*, Cl. Nav. 2p. 96: - (" " v. *asym.*) -
- 1 " " *amphigotia*, Gn. - Cl. Nav. 2p. 96: - (" *Stux.* " *amph.*) -
- 4 " " *fluminensis*, Gn. - Cl. Nav. 2p. 96: - (Nav. *flum.*) -
- 5 " " *Berguelensis*, Gn. - Cl. Nav. 2p. 96: - (Nav. " v. *Berg.*) -
- 6 " " *Leptostauron*, Gn. - Cl. Nav. 2p. 96: - (" *Stux.* v. *lept.*) -
- 8 " " *minor*, Gn. - Cl. Nav. 2p. 96: - (Nav. *Stux.* *flum.* v. *sn.*) -

hangonensis, Gunn. Mass. - Cl. Nav. 2p. 82: - (*Staurap. semicrucata*).
(Nav. *Troyana* et *Forarmensis*: -

- 7 *quadrata* area, v. *Loezyi*, Pt. - Cl. Nav. 2p. 96: - (Nav. *Loc.*)
- 14 " var. *subcontinua*, Gn. - Cl. Nav. 2p. 96: - (N. *Stux.* v. *subcont.*) -
- 15 " " *Thuelii*, Cl. - Cl. Nav. 2p. 96: - (N. *Thuelii*) -
- 11 " " *Stuxurgii*, Cl. - Cl. Nav. 2p. 96: - (Nav. *Stux.*, Cl.) -
- 12 " " *ducta*, Gn. - Cl. Nav. 2p. 96: - (" Prim. v. *subp.*) -

- PASSERINI, Denot.-Erb.Critt.Ital., Series II, fasc.2, No.31: (Nav.)-
- PEREGRINA, E.-Amer.p.133, pls.1-1f5, 6; 2-4f1; 2-6f22; 3-1f3; Mik.pls. 1-3f17; 13f66; ⁴S.B.D.1.50-13f170; New Zealand; Hall; R.S.D.p.40- 6f10; Schum.1337p.56; Lew.N.& R.S.p.71; Roper, Thames; Q.J.M.S.1333p. 16; R.E.D.p.213; Hoff.Marb.; -*Abh.Ber.41p.327*: (Nav.)
- " var., E.-Mik.pl.33-5f7;
- PERMAGNA, Bailey M.O.p.40-2f23, 33; R.E.D.p.225: (Caloneis; -Nav.)----
- PETERSII, E.-Abh.Ber.1345p.364: (Nav.)
- PISCICULUS, E.-Amer.pl.2-1f30; R.S.D.1.44-6f43; Ebert, Cassel: (Nav.)
- Spamer, Duren; Hoffmann, Marburg;
- PLACENTULA, E.-Amer.p.133, pl.3-7f22; Mik.pls.3-2f6; 3-3f5; 12f19; 15A, 121; R.S.D.p.44-6f16; Hoff., Marburg; (Nav.)
- PLATYCEPHALA, ^ECl.139Ip.30-2f1; *Nav. 2p.79*:-- (Stauroneis.)--
- PLATYSTOMA, E.-Mik.p.122:
- PLENA, O'M.-M.O.1337p.35: (Nav.)
- PLEURONECTES, E.-Mik.p.6: (Nav.)
- PLEUROPHORA, Kützing Alg.No.79; R.E.D.p.225: (Nav.)
- POLYONCA, Breb.-S.B.D.21.95; Lew.N.& R.S.p.67-2f7; R.E.D.p.219; S.G.1333p.83, 164; Cl.139Ip.30; (Nav.mesostyla, v., & f.; -P.undulata.)
- POLYPTERA, E.-Amer.p.133; (Nav. & P.oblonga.)-
- PORRECTA, E.-Amer.p.133; Mik.pls.5-2f14; 6-1f12; R.S.D.p.45: R.E.D.p.224: (Nav.)
- PRAETEXTA, E.-~~Abh.~~ Ber.1345p.214; Mik.pl.19f23;
- PREISSEI, E.-Mik.p.4: (Nav.)
- PTEROPHALMA, E.-Mik.p.79; (Stauroneis tiscula.)
- PUNCTULATA, Schum.1337p.55:
- PYGMAEA, E.-Mik.pls.10-1f9; 13-2f12; S.B.D.21.103; M.O.1350p. 3-1f3: (Nav.hamilis, hungarica & nana.)----
- QUADRIFASCIATA, E.-Abh.B.1339p.157; Mik.pl.19f25, 27; R.E.D.p.214; (Nav.fusca, lineata & q.; -P.mononeis.)-
- QUINQUENODIS, Grun.-Gallik, Papen: (Nav.)
- RABENHORSTII, Hilse 1330p.32; R.E.D.p.211; Hoffmann, Marburg; (Nav.; -P.interrupta.)-- *P. minor*; - *Rab. Alg. Sach. #842*:
- RADIOSA, Rabh.S.D.1.43-1f9; M.O.1351p.10-1f12; S.O.S.1.10-13f170; Carr.p.110; Roper, Thames; Hall; New Zealand; R.E.D.p.214; Hall; Ebert Cassel; Deloge; Hoff., Marb.; Spamer, Duren; Stross, Fl.: (Nav.)
- " v.angusta, Rabh.E.D.p.214: (Nav.a.)--
- " v.avenacea, Rabh.E.D.p.214: (Nav.a.)-
- " v.Silesiaca, Bleisch.-R.E.B.p.214; (Pinn.S.)-
- RAEANA, Casti.1337p.25-15f3; (Nav.)
- RECTANGULA, Greg.-R.E.D.p.215: *Cl. Nav. 2p.98*:-- (Nav.)
- " forma constricta, Rabh.E.D.p.215: *forma subundulata, Grun. Cl. Nav. 2p.98*:
- " for.triundulata, Rabh.E.D.p.215;
- RHAPHONEIS, E.-Mik.pl.35A-9f7; R.E.D.p.227: (Nav.)
- RHENANA, E.-Abh.Ber.1343p.10; Mik.pl.37f13p.35: (Nav.)--
- ROSTELLATA, Greg.D.C.p.16-1f20; R.S.D.p.44-6f46; Carr.1.103; Hoffmann, Marburg; (Nav.apiculata.)----
- ROSTRATA, Greg.-M.O.1353p.4-1f14;

> decurrenda, A.S. - cl. Nav. 2p. 88: - (Nav. A.) -

> semicucinata, A.S. - A. cl. 1895 p. 9: - (Navicula S.)

> inqualaris, A.S. - (Cl. Nav. 2p. 86: - (Nav. Fin. -)

> Spitzbergensis, cl. - A. cl. 1895 p. 8: cl. Nav. 2p. 82-1 f 13:

" var. stomatophora, cl. Nav. 2p. 82:

> Staurontia, Gn. - cl. Nav. 2. p. 98: - (alloionis; Amphora naviculacea.)

+ Stauroptera,

" var. capitata, A. cl. 1895 p. 8:

" " gibba -, A. cl. 1895 p. 8:

> Stomatophora, v. ornata, A. cl. 1895 p. 8-1 f 3:

" var. continua, cl. Nav. 2 p. 83:

+ Streptoraphe, A.S. - cl. Nav. 2p. 93: - (Nav. streptoraphe, v. stabilis: -)

" v. styliformis, Gn. - cl. Nav. 2p. 93: - (Nav. styl.) -

> " v. minor, cl. Nav. 2p. 93: - (Nav. vir., pp.: - Pin. vir. v. minor.)

" var. gibbosa, A. cl. 1895 p. 6-1 f 1:

> Isopoda, v. minor, cl. - cl. 1895 p. 6: - (P. viridis, var. m.)

> subcapitata, v. Hillebrandi, A. cl. 1895 p. 101: - (Nav. 7. -)

> sublinearis, Gn. - cl. Nav. 2p. 74: - (Nav. 5. -)

> subovata, cl. Nav. 2p. 84: - (N. decurrenda var.: - Legumen, var.: - Scythica S.)

" v. brevistriata, Gn. - cl. Nav. 2p. 84: - (N. subst., v. bvi.)

" var. linearis, Gn. - cl. 1895 p. 9: - (Navicula) Nav. 2p. 84:

" " australensis, cl. Nav. 2p. 84: -

))))))

- ROTUNDATA, E. - Mik. pl. 7-38, 118, 119; (Nav. 118, 119) --
 RUPESTRIS, Hoffmann, Marburg; Gallik, Pajar; (Nav. 7) --
 SABAE, E. - Mik. 1356p. 71; (Nav.) -
 SCHOMBURGKII, E. - Abh. Ber. 1345p. 30; R. S. D. 1. 43; (Nav.)
 SCUTELLUM, J. M. - M. J. 1359p. 151-1215; (Nav.)
 SEMEN, E. - Mik. pls. 6-2f10; 11f26; 14f12; 33-10f23; 33-14f19;
 37-1f19; Schum. 1362p. 132-3f35; (Nav. capitata & s.) -
 SEMILUNUM, E. - Abh. B. 1342p. 65; ?
 SEMIPLANA, Grev. - M. J. 1359p. 34-3f12; (Nav. 118, 119, v., & s.) ----
 SIGNATA, E. - Mik. pl. 34-6a, f7; - (Nav. d. & hungarica, v.) (Nav.)
 SILESIACA, Bleisch, 1362p. 81; Rabh. Alg. 954; Fresenius Senkenburg,
 p. 53-4127-29; (Nav. 118, 119, v., & s.) ----
 SILICULA, E. - Abh. Ber. 1353p. 233; (Nav.)
 SILLIMANORUM, E. - Amer. p. 134; Cl. Nav. 2 p. 84; R. S. D. 1. 44; (Nav.)
 SIROKIANA, E. - Mik. 1356p. 71; (Nav.)
 SOLARIS, Grev. - Carr. p. 110; (Nav.)
 STAURONEIFORMIS, S. B. D. 1p. 57-19f178; M. J. 1354p. 99-4f16; Hall;
 Roper, Thames; New Zealand; Pelecinus p. 12-2f20, 21;
 (Nav. & P. Brebissonii; -Nav. hemiptera, v.)
 * v. latialis, Cast. 1367p. 12;
 STAUROPTERA, Rabh. E. D. p. 222; Brun. Alp. p. 33-319; Cl. 1391p. 23;
 Gallik, Pajar; Cl. 1391p. 23; (Nav. 118, 119, v., & s.) ----
 (Nav. (Stauroneis & Stauoptera) larva; -Nav. capitata, v., & s.) ----
 * forma perizonata, Schum. 1367p. 53-2f55; (Nav. S., var. "n.")
 * v. gracilior, Rabh. E. D. p. 222;
 * v. interrupta, Brun. Alp. p. 37-3f9b; (Pinn. i.)
 STELLIGERA, E. - Abh. B. 1345p. 331; R. S. D. 1. 224; (Nav.)
 STOMATOPTERA, Grev. - Cl. 1391p. 27; Cl. Nav. 2 p. 83; (Nav.)
 STREPTORAPHE, Cl. 1391p. 23; 1345p. 5; - (Nav. viridis, v., & s.) ----
 STRIATA, E. - Mik. 1356p. 71; (Nav.)
 STYLIFORMIS, E. - A. Ber. 1343p. 139; Mik. pl. 33A-17f6;
 R. E. D. p. 225; (Nav.)
 SUBACUTA, E. - Mik. pl. 35A-6f12; R. E. D. p. 225; (Nav. major, var. s.) (Nav.)
 SUBCAPITATA, Grev. - M. J. 1359p. 9-1139; S. B. D. 2p. 100; Carr. p. 103; Cl. Nav. 2 p. 83;
 10ff., Main 118; New Zealand; Cl. 1391p. 10; (Nav. capitata, v., & s.) ----
 SUBCOARCTENS, Thw. - Brun. Alp. p. 31-3f19; (Coll. 118, 119, v., & s.) ----
 SUBULIS, Grev. - D. C. 1. 15-11f19; Carr. p. 100; R. E. D. 1. 175; (Nav. i.)
 SUBULICA, Hille 1359p. 32; 1345p. 5; (Nav.)
 SUECICA, E. - 11f1. 139; Mik. pls. 15-11f12; 21f25; R. S. D. 1. 11-3f14;
 R. E. D. 1. 225; 1345p. 5; (Nav. lata & s.)
 TABELLARIA, E. - Amer. p. 134, pls. 2-1f23; 3-1f7; 3-3f6; 3-4f6; 4-1f4;
 Mik. pls. 2-2f6, 7; 2-3f6; 3-4f11; 4-1f12; 4-3f11; 4-1f1; R. S. D. 1. 44-10f;
 R. Bae. Exs. No. 60; R. E. D. 1. 211; Hille, 1359; Carr. p. 100; Cl. Nav. 2 p. 83;
 (Nav. - P. gibba, var., & s.) ----
 * v. acrosphaeria, R. E. D. p. 211; Ebert, Cassel;
 (Nav. tabellaria; -Nav. & P. ac. & gibba.) ----
 TAPETATA, E. - Mik. pl. 39-3f193; A. S. S. 1351, 134; (Nav. 118, 119, v., & s.) ----
 TEMPERE, Bn. - Cl. Nav. 2 p. 98; - (Nav.)

TENUIS, Greg. - I.M.S. 1354p.97-4f10; Carr. p. 103; (Nav. m. s. l. a, v.; -Nav. x P. gracillima, v. ~~Nav. m. s. l. a, v.~~)

TERMES, E. - Amer. pls. 1-3f23; 3-3f15; Mik. pl. 39-3f100;

Hoffmann, Marburg;

(Nav. m. s. l. a, v.; -N. x P. m. s. l. a, v. 1087) -

TERMITINA, E. - Hoffmann, Marburg;

(Nav.)

THERMALIS, E. - Abh. Ber. 134Ip.2I; Ardisson: Alg. Siciliana 2, No. 24I;

> (Nav.; -Surirella.) -

TRABECULA, E. - Amer. p. 134; Mik. pl. 2-3f5; R.S.D. p. 45; -(N. decurrens & t.)

TREVELYANA, ²Rabh. E.D. p. 210; Cl. Nav. 2p. 98;

(Nav.)

TRIGONOCEPHALA, E. - Mik. pl. 34-3f11; R.E.D. p. 226;

(Nav.)

TRUNCATA, Rabh. E.D. p. 217;

(Nav. cancellata, v., & t.) --

TUSCULA, E. - Abh. Ber. 134Op. 2I;

(Nav.; -Surirella.) --

UNDULATA, Greg. - M.J. 1354p.97-4f10; Carr. p. 103;

> Cl. 139Ip. 30-2f3; ~~1895p. 5: Nav. 2p. 91~~

(Nav.)

UTRICULUS, E. - Amer. p. 134; R.S.D. p. 43; R.E.D. p. 226;

(Nav.)

VACIVA, W.S. in litt.; R.E.D. p. 199;

(Nav. gracillima.) ----

VENTER, E. - Mik. p. 254;

(Nav.)

VESPA, E. - Mik. pl. 33-5f9; R.E.D. p. 225;

(Nav.)

VICKERSII, O'M. - M.J. 137Ip. 100;

VIRIDIS, ²Rabh. Inf. p. 132; Amer. pls. 1-1f7; 1-3f5; 1-1f6; 2-1f1; 2-3f1;

2-5f2; 2-3f2I; 3-1f1, 2, 5; Mik. pls. 1-1f10; 2-2f5; 2-3f1; 3-2f2; 3-1f2;

3-3f1; 4-1f1; 5-1f14; 5-2f12; 5-3f3; 5-1f4; 2-1f19; 7-2f3; 3-3f4;

3-3f3; 9-1f14; 10-1f3; 10-1f2; 11f23; 12f14; 12-1f3; 13-2f2; 14f2;

15A, f12; 15B, f6; 15-1f3; 15-2f3; 15-3f24; 17-1f1; 18f67; 22f59; 33-

19f9; 33-3f3; 33-1f124; 33-1f110; 33A-5f7; 33A-5f10; 34-1f2, 13; 37-

1f20; 33A-2f2x; 33A-3f1; 33A-7f2; 33A-12, f2; 33A-4f1; 33A-3f13 33B-

22f13; Braemar; Mull: Abh. Ber. 1362p. 65-1f3; 1370, 1.2-1f12; weiss:

135Ip. 273-1f2a; 136Op. 359-1f40; S.B.D. 1.54-13f135; Thoms; R.

p. 42-3f4a-c; Carr. p. 109; Mull; Nav. 2p. 104; Surirella; R.

212, 133; ~~Nav. 125f11p. 7: Tanaka 1879, 32, 1f, 7, 8, 10; Surirella, 1882; Van~~

Br. Alp. p. 33-3f5; Hoffmann, 1890; Gallia, 1891; 1892, 1.1-1f

1-4, 6, 7; 2f1-6; Sur. Jap. p. 12-2f20; Ebert, Cassel; Cl. 139Ip. 2I; Certes,

1339; Delogne: Cl. 1895p. 5: Nav. 2p. 91

(Bacillaria; -Fristulia agrestis & v.; -Nav. major, viridula & v.; -

P. acetylus & Kefvingensis; P. m. s. l. a, v. 1087)

var. "a", stationariorum, S.B.D. 1.71-1f13b;

R.E.D. p. 212; (Kestner ad rae, f. c. - (Nav. 10083 11p. 1.) ---

v. acuminata, Brun Alp. p. 34-3f16; - (Kestner)

v. coerulescens, Hilse 136Op. 33: Rabh. Alg. No. 1235;

v. constricta, Grm. - Cl. 139Ip. 22: ~~Cl. 1895p. 5: Nav. 2p. 91~~ (Nav. v. 2p. 91)

v. distinguenda, Cl. 139Ip. 22-1f1; - (Kestner)

v. hemiptera, Brun Alp. p. 34-3f1; (Pinn. & Nav. v. 2p. 91) ----

v. intermedia, Cl. 139Ip. 22: Cl. 1895p. 5: Nav. 2p. 91 (N. major, 1.1. 1087)

v. minor, Cl. 139Ip. 22-1f2; - (Kestner)

> v. rupestris, Htz. - Cl. 139Ip. 23: Cl. 1895p. 5: (Nav. 1.) --

VIRIDULA, E. - Abh. Ber. 1347p. 443; Mik. pls. 6-1f3; 8-1f20; 13-1f7; 14f3;

13f30; 33-1f19; 34-1f2, f9; 37-1f21; 37-2f14; 33A-12, f1; 33A-22, f1;

33A-32, f2; 33A-14f7; 39-1f11, f2; 39-3f97; Mull; A.S.G. 1331, f2; R.

S.D. 1.43, 3f39; R.D. ex. No. 33; Nord. 1. 2f30; weiss: 1357, 33-3f135; --

-- ³ atlas 211 f 8, 11, 12, 14;

> approximatum, a.s. - atlas 211 f 7:

canibacum,

" forma pusilla, atlas 211 f 19:

constrictum, Fortm. Dm. p. 23 f 19:

constrictum,

" var., a.s. - atlas 210 f 28-30:

& longatum,

" var. robusta, a.s. - atlas 209 f 41:

Gregorianum, Fortm. Dm. p. 23:

: : : : : :

- 1334p.331-4135; Carr.p.110; Roper, Thames; New Zealand; Mull: R.E.D.p. 211; Ebert, Cassel; Delphin; Spongia, China; (Nav.)--
 VULFINA, Nabh.S.D.p.43-5100; Del., Nabh.11; Spongia, China; (Nav.)
 Ebert, Cassel: (Nav.)
 ZAMARDINIANA, Grun.-R.E.D.p.219: (Navic.)
 ZOSTERETII, Grun.-R.E.D.p.219: (Navicula.)

PLAGIODISCUS.-(Green, 1867)

- MARTENSIIANUS, Grun.-M.M.J. 1377p.172-194f3; Heaw.1357p.3; Cl.1373p.12; Del.Syll.p.302; Malaisie;
 NERVATUS, Grun.-Heaw.1357p.3; M.M.J.1377p.172-194f9a; Malaisie;
 Del.S.p.302; Cl.Vega p.502;
 " v.bacillaris, Grun.-M.M.J.1377p.172-194f9b; Del.S.p.302;
 NEUMAYERI, A.S., Atlas 56f1:

PLAGIOGRAMMA.-(Green, 1867)

- , Fortm.Cey.p.9-93-93; -, wolle, 35f31;
 ANGULATUM, Grev.-T.M.S.1333p.121-11f5; Del.Syll.p.725;
 ANTILLARUM, Cl.1373p.10-3f13; J.M.1379p.30-2f13; Del.S.p.725;
 Fortm.Cey.p.53-9f92; *Atlas 209f10*; (P. acussatum, v.)---
 ATOMUS, Grev.-Trans.Bot.Soc.Edinb.1333p.533-1f9; Fortm.Cey.p.51;
 Del.Syll.p.725; *Atlas 211f20-25*;
 ATTENUATUM, Cl.1373p.10-3f13; Vega p.503; J.M.1379p.30-2f13;
 Del.S.p.724;
 BARELANSE, Grev.-T.M.S.1333p.121-9f5; Del.S.p.719; *Atlas 209f10*;
 " v.actinella Bn.-LeD.Vol.2p.242-20f3-3; (Rutilaria.)
 BINARENSE, Pant.Ip.32-2ff13; 30f31, 32; J.M.1379p.30-2f13;
 Notarisia 1333p.533; Del.S.p.721;
 BILOBATUM, Bn.-LeD.Vol.2No.17p.33-3f20;
 BORYANUM, Pant.2p.61; 3p.4-4f55; Del.S.p.727;
 CALIFORNICUM, Grev.-M.J.1359p.211-10f15-17; Prit.p.774; Grun.,
 1332p.350; wolle, 45f13, 17; Del.S.p.725;
 CARIBBEUM, Cl.1373p.10-3f17; J.M.1379p.30-2f17;
 Del.Syll.p.721; *Atlas 211f16*; (P. laticornis.)--
 CONSTRICTUM, Grev.-Trans.Bot.Soc.Edinb.1333p.533-1f3; *Atlas 211f10*;
 Grun.1333p.94; Del.S.p.724;
 " v.narkosensis, Grun.1333p.95-11, 13; Gr. Will. Vol.1.11-310; (P. laticornis.)
 COSTATUM, Grev.-Trans.B.S.Edinb.1333p.533-1f3; *Atlas 209f10*;
 Cl.Vega p.499; Del.S.p.725; Fortm.Cey.p.51;
 CRASSUM, Cl. & Grove.-LeD.Vol.2p.54-3f4, 5; Del.Syll.p.725;
 DECUSSATUM, Grev.-T.M.S.1333p.1-1f1, 2; Cl.1373p.10; Malaisie;
 Vega pp.493, 503; Del.S.p.724; *Atlas 209f10*; (P. Antillarum.)---
 ELONGATUM, Grev.-T.M.S.1333p.121-9f5; Del.S.p.720; *Atlas 209f39, 40*;
 FENESTRA, Bn.-Bn. & Temp.1.47-9f5; Del.S.p.712; *Atlas 209f10*;
 GRIGORIANNI, Grev.-M.J.1359p.211-10f1, 2; Prit.p.774; Grun.1332p.350;
 Flopel, Baltic; Jan. & R.p.19-213; Atlantic City; Carr.p.79; Muller;
 Lewis N. & R.S.p.63; Italy; Breo.Verm.p.3; Malaisie; R.E.D.p.117;
 Fortm.Cey.p.51; V.A.S.p.145-3f2; Perag.p.72; Villef.p.53; wolle,
 45f10, 11; *Atlas 209f6-9, 12-14, 17, 38*;
 Oestrup 1877p.338: (P. & Denticula strophotheca.)

+ mesopneustes, Atlas 209 f 55-58; Fortm. Dm. f 23;

> informe, a.s. - atlas 211 f 16-18;

> Kinneari, a.s. - atlas 210 f 32;

> mutuum . . . 209 f 15, 16;

quadripinnatus, atlas 211 f 1;

> robustum, a.s. - atlas 209 f 34;

- * var. lobata, Griseb. - Blum. & Thunb. p. 147-917; - (*P. stenophorum*, v.)
 GREVILLEANUM, Griseb. 1333p. 142-141a-c; (P. stipitatum.)--
 GREVILLEI, Ralfs, Prit. p. 774; (P. ornatum, Grev.)
 HARDMANNIANUM, ? Del. S. p. 729; (Non placet.)---
 INAEQUALE, Grev. - M. J. 1359p. 210-10f10; Prit. p. 774; Griseb. 1332p. 330;
 Jan. & R. p. II-2f20; Cl. 1333p. 10; Fortm. Cey. p. 51; Del. Syll. p. 723;
 INTERRUPTUM, Ralfs, Prit. p. 774; Carr. p. 79; V. L. S. p. 1. 36f1;
 Del. Syll. p. 722; *Atlas 210f 291* (Denticula v.)
 * v. Adriatica, Griseb. - Cl. Vega p. 493-37f31a, b; *Atlas 210f 19-21, 23-27*;
 JAMAICENSE, Grev. - M. J. 1359p. 203-10f5; Prit. p. 774; Griseb. 1332p. 330;
 1333p. 2; Fortm. Cey. p. 51; Del. S. p. 713;
 LACUENSE, Cl. Vega p. 493-37f32; Del. S. p. 721; *Atlas 210f 28* (Denticula v.)---
 LAEVE, Ralfs, Prit. p. 774; Carr. p. 79; Del. S. p. 722; - (Denticula, v.)---
 LOCZYII, Pant. 3p. - 13f263; (Glyphodesmis williamsii.)---
 LYRATUM, Grev. - M. J. 1359p. 211-10f11; Prit. p. 774; Griseb. 1332p. 330;
 Malaisie; Del. S. p. 721; (Pinn. biflora, Bailey.)---
 MARGARITACEUM, Griseb. 1337p. 45-19f13; Del. 1334p. 330; Del. S. p. 719;
 NANKOURENSE, Griseb. 1333p. 95-1a, f3; Cl. Vega p. 493; J. L. C. 1337p. 72;
 Del. S. p. 723; *Atlas 210f 31*; (P. constrictum, var., & Ceylanense.)-
 * v. minuta, Cl. Vega p. 512; Del. Syll. p. 723;
 * v. triconstricta, Cl. & Gro. - L. C. Vol. I. p. 55-31f13, 13; Del. S. p. 723;
 NEOGRACENSE, Pant. I. p. 35-36f1, 71; 20f235; Vol. 2p. 32; J. L. C. 1337p. 72;
 Notar. 1333p. 536; Del. S. p. 729;
 OLEOSUM, Grev. - M. J. 1359p. 211-10f12, 13; Prit. p. 774; Griseb. 1332p. 330;
 JAL. G. I. p. 23-26, f14; Cl. 1373p. 10; Vega p. 493; Fortm. Cey. p. 51;
 Del. S. p. 723; wolle, 45f12, 14; *Atlas 210f 28, 219f 210*
 ORIENTALE, Grev. - L. M. S. 1333p. 77-3f1; Cl. Vega p. 499; Del. 1334p. 330;
 Del. S. p. 713;
 ORNATUM, Grev. - M. J. 1359p. 209-10f9; Griseb. 1332p. 330; Carr. p. 79; wolle,
 45f20; Del. S. p. 725; *Atlas 210f 4, 22*; (P. Grevillei & inulatum)
 ORNATUM, (Greg) - Ralfs, Prit. p. 774; (Denticula v.)
 PAPILIO, Cl. & Grove. - L. C. Vol. I. p. 55-Del. Syll. p. 723; *Atlas 211f 13, 14*;
 POLYGIUM, Cl. & Grove. - L. C. Vol. I. p. 55-31f7-11; Del. S. p. 725;
 (P. spectabile, v.)-- *Atlas 211f 2-5, 15*;
 PULCHELLUM, Grev. - M. J. 1359p. 209-10f4-6; Prit. p. 774-4f32; Malaisie;
 Griseb. 1332p. 330; R. E. S. p. 117, f35(1); Petit Cat. p. 32; Fortm. Cey. p. 51;
 Cl. Vega pp. 499, 503; wolle, 45f1-3; Del. S. p. 722; *Atlas 209f 32*;
 PYGMAEUM, Grev. - M. J. 1359p. 210-10f11-13; Prit. p. 774; Griseb. 1332p. 330;
 1333p. 2; Petit Cat. p. 32; Fortm. Cey. p. 52; Cl. Vega p. 493; Villef. p.
 65; wolle, 45f6, 7; Del. S. p. 723;
 QUADRIFIDUM, Griseb. - Fortm. Cey. p. 52-9f100; - (P. spectabile, v., & polyg.)
 RACTUM, Cl. & Gro. - L. C. 1391p. 55-31f; Del. S. p. 724;
 ROBERTSIANUM, Grev. - L. M. S. 1333p. 13-11f, 2; R. E. S. p. 117, f35(1);
 Del. S. p. 719; *Atlas 209f 23, 24*;
 RUTILARIOIDES, Cl. - N. L. W. S. p. 13-41f34; Del. Syll. p. 721; *Atlas 209f 31*;
 SALINARIUM, Pant. 2p. 32-31f119; 15f237; Del. S. p. 721;
 SEXAGIBBUM, Fortm. Cey. p. 52-9f91; (P. polygibbum.)
 SEYCELLARUM, Griseb. - Cl. Vega p. 493-37f59; Del. Syll. p. 721; - (P. 1332p. 11.)-
Atlas 209f 51;

+ Stenophanum, atlas 2 of 37:

+ solidum

" van Linné, Gen. - atlas 2 of 2, 3:

" " " " " " " "

SPECTABILE, Grev. -Trans. Bot. S. Eaino. 1863p. 526-ff7; Del. S. p. 720;
 v. quadrigibba, Grun. 1863p. 95-Ia, f28; Grevillea Vol. I, p. 75-514;
 (P. poly- & Quadrigibbum.) ---

SPINOSUM, Cl. -N. L. V. D. p. 13-4155; Woll. 2, 45113; Del. S. p. 719; Atlas 210f1;
 STAUROPIDUM, Grev. -1810. p. 56; Del. S. p. 719; Cl. 1821. 12; V. 2. 11.

433, 503; Lat. 1. 1876. p. 17; Del. Syll. p. 713; - (Denticulata; - P. Grevilleana.) --
 v. robusta, Bn. -Del. Syll. p. 713; (P. Gregorianum, v.) --

STIPITATUM, Grun. 1863pp. 2, 94-Ia, f3; Del. S. p. 720; (P. Grevilleana, v.) --

SULCATUM, Cl. & Grev. -L. 2. 1891. 54-311-3; Del. S. p. 721; Atlas 210f1;

SUMATRENSE, Fortm. -Ann. Bot. Buit. 1892p. 34-2f12;

TENUISTRATUM, Cl. V. 2. 1. 493-5765; Del. S. p. 721; Atlas 210f1;

TESSELATEDUM, Grev. -M. J. 1859. 203-10f7; Prit. p. 774; Grun. 1863p. 359;

Lewis, N. & R. S. 1. 13; Fortm. Cey. p. 51; Cl. V. 2. 11. 493, 512; 45113 p. 11.
 45f13, 19; Del. S. p. 719; Atlas 210f1-60 820/11p 73

THAIENSE, Castr. 1837p. 45-I9f4; Del. S. p. 719;

TRUANTII, Pant. 2p. 62; 3p. 15-1214; 24051; Del. S. p. 723; - (P. Seyd. 11.) --

UNDULATUM, Grun. -V. H. S. pl. 36f8; (P. sinatum, v.) --

VALIDUM, Grev. -M. J. 1859p. 209-10f3; Prit. p. 774; Grun. 1863p. 359;

Petit Cat. p. 32; Mobile; Woll. 2, 45f3, 9; Del. S. p. 722; Atlas 210f1;

VANHEURCKII, Grun. -V. H. S. p. 145-36f4; Del. S. p. 720;

WALLICHIANUM, Grev. -T. H. S. 1857. 1-117, 3; M. J. 1. 42111; Atlas 210f1-211
 Fortm. Cey. p. 51; Del. Syll. p. 723;

PLAGIOTROPIS. - (1845-1862)

BALTICA, Pfitzer p. 93-6f11; Del. Syll. p. 346;

(P. scaligera & Mediterranea; Tropidoneis vitrea.) -

ELEGANS, Grun. -V. H. S. p. 122; T. No. 199; Del. S. p. 345;

(Amphitropa; Amphitropis.) ---

v. Adriatica, Grun. -Cl. 1880p. 64; Del. S. p. 345;

v. gracilis, Grun. -Cl. 1880p. 64; Del. S. p. 345;

GIBBERULA, Grun. -V. H. S. pl. 22bis, f11-13; Del. S. p. 346; Cl. & M. No. 309;

(Tropidoneis.) ----

MEDITERRANEA, Grun. -Cl. 1880p. 63; V. H. S. pl. 22f14; T. No. 200;

Del. S. p. 344; (P. Baltica, v.; -Tropidoneis vitrea, v.) ---

POSEWITZII, Pant. 2p. 56-10f181; Del. S. p. 346; (Tropidoneis.) -

PROBOSCIDEA, Cl. -L. 2. Vol. 2, No. 19p. 145-9f3, 9; (Tropid.) -

SAMOENSIS, Grun. -Cl. 1880p. 67; Del. S. p. 345; (Tropid.) ---

SCALIGERA, Grun. -Cl. 1880p. 66-5f90; Del. Syll. p. 344;

(P. Baltica, v.; -Tropidoneis.) -

VITREA, (M. S.) -Grun. in Cl. 1880p. 67; Cl. & M. Nos. 204, 205, 206, 207;

V. H. S. pl. 22f7-9; Del. S. p. 344;

(Amphitropa elegans & v.; -P. elegans; -Tropidoneis.) ----

VANHEURCKII, Grun. -V. H. S. p. 122-22b, f6-8; T. No. 193;

Del. Syll. p. 348; (Tropidoneis.) -

PLANKTONIELLA. - (1845-1862)

SOL, (Btw.) -Schuett, DeToni Sylloge p. 1424; (Coscinoideis.) -

Pleuroneis.

H. G. of Cleve, Nov. 2 (1893) p. 181: —

restuans, Green. 1878 p. 19:

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BREBISSONII, Kz. Bot. Zeitung 1846p.248; Menz. A.N.D. 1.495; V.S.A. 1.
 115: Prit. p. 350-3f13; O.S. S. 1351. 191; Sm. Sp. T. No. 393;
 Del. Syll. p. 396: *atlas 200 f. 14* -

PLEUROSIGMA. - *Hubert* Q. S. M. S. 1867, p.

- , Pfitzer p. 57: *Brun. albes*
- , Atlantic City; *p. 93*
- , T.M.S. 1860p. 137-142:
- , Tanarek 1879p. 36;
- , Archiv. Micr. Anat. 1870p. 472:
- , B.J.N.H. 1862. 344-If 17;
- , Am. Nat. 1863p. 510-13f32;
- , T.M.S. 1857p. 37-If 24;
- , Bot. Zeitung 1870, No. 20;
- , J. R. M. S. 1884p. 576-579

ABRUPTUM, Perapallo Pleur. p. 3-2f II:

ACUMINATUM, W.S. - A.M.N.H. 1852p. 9-2f5; Prit. 1852pl. 20f5; S.B.D. 11.

56-2If 209; Prit. p. 919-9f I46: (Gyrosigma cuspidata & Hassallia
 attenuatum, v. scalpra; -Nav. a., fusiformis & sigma; -P. scalprum & Smithii)

ACUMINATUM, K. - Grun. 1860p. 561-4f6, 7; Desmaz. 1845, No. 109; Rabh. Bac.
 Exs. No. 39; Eul. Sp. T. No. 79; Carr. p. 112; Hall; R.E.D. 1.259; Cl. & M. No.
 244; Eiben, 1871; Sm. Sp. T. No. 392; Petit, Nimbo; Liste 1.21; Ann. Alp.
 p. 94-5f I2; M.T.P. 3-4-9; Dannf. p. 33; Delogne; Deby Pola. p. 20; Mobile;
 V. a. S. p. 117-2If I2; T. No. 131; Bellon, Lichon; Cl. 1830p. 52; 1831. 9;
 Spamer, Duren; Per. Pleur. p. 20-7f 36, 37; Perag. p. 33; Gallia, Papar; Lati.
 1834p. 53; Malaisie; Del. S. p. 252; Herib. p. 122:

(Baenitana fusiformis; -Collitona eximius; -Aristida; -Gyrosigma; -
 Navicula a., flexuosa & sigma; -P. lacustre.)

forma minor, *desmazis* in litt.; R.E.D. p. 240;

v. curta, Grun. - Per. Pleur. p. 20-7f 36, 39; Del. Syll. p. 253;

(Gyr. acum., var. c.)

v. cuspidata, Rabh. E.D. p. 239:

(Gyrosigma cusp.) ---

v. lacustris, Rabh. E.D. p. 239; Alg. Eur. Nos. 902, 1029 sub;

Sm. Sp. T. No. 393:

(P. lacustre.) --

v. scalproides, Brin Alp. 1.94-5f I5; 1810. p. 122;

(Pl. scalpr.) ---

ACUTUM, Norman. - Prit. p. 920; R.E.D. p. 239; litt. Del. S. 1.253;

Per. Pleur. p. 7-3f I, 2, 4; Cl. Nav. p. 42;

v. Australica, Perag. Pleur. p. 7-3f I; Del. S. 1.253;

(P. Australica.) ---

AQUATORIALE, Cl. & M. No. 145:

(P. Australe & naviculaceum.) --

AESTUARII, (Breb.) AS. K. S. 11. 55-3f I2/5; Grun. 1860p. 556; 1863p. 102; Carr. p. 112; Hall; R.E.D. p. 264; Eiben, 1871; Sm.

Sp. T. No. 394; Cl. & M. No. 247; Reinhard; Dannf. p. 33; Cl. 1831. 9; Vega

p. 475; 1830p. 52; Nav. p. 42; V. a. S. pl. 13f3; Mobile; Villef. p. 54; Wille,

32f10; Malaisie; Per. Pleur. p. 12-5f I2, 13; O.S. S. 1370. 37; *atlas 200 f. 33*

(Gyros.; -Navic.; -P. angulatum, var., & cardium.) - *Hubert*

var., Cl. Java 1.13-2f9:

(Pl. australis.)

v. intermedia, Grun. 1863p. 102:

(P. Normannii, v. fossilis.)

v. minima, Grun. - Cl. 1860p. 52; Per. Pleur. p. 12-5f I2:

(Pl. minutum.) -

AFRINE, Grun. - Cl. 1860p. 51; Vega p. 475; Petit, Nimbo; V. a. S. p. 115-13f

9; T. 175; Perag. Pl. p. 9-4f 3, 5, 8; Malaisie; Del. S. p. 234: -(P. naviculac.)

v. fossilis, Grun. - Cl. & M. No. 24 sub; 1830p. 51; Del. Syll. p. 234;

Per. Pleur. p. 10-4f I6-18;

(Pl. Normannii, var. "b".) --

v. interrupta, Per. Pleur. p. 10-4f I, 2; Del. S. p. 234;

(Pl. majus.)

angulatum, W.S. Vestm. 1897 p. 310: Re. 10.

Carp. 1891 pl. 1 f 1, 2: Re. 10 = Re. 11 f 5. 6:

Reinicke pt. 1 pp. 1-37, pl. 1 f 1-9:

- .Marylandica, Grun.-Cl. I330p.5I; Per.Pleur.p.1-4I; (Pl. Normanni, var. M.)---
 et. Syll. p.234:
 .Nicobarica, V. d. S. p. II5-"B" f34: (Pl. Nic.)-
 .Normanni, Per.Pleur.p.10-4I; (Pl. Norm.)-
 LLUS, E.-Prit. p.9I9: (Gyrosig.; -Navic.; -P. attenuatum.)--
 RICANUM, Per.Pleur.p.5-I f9:
 ULARE, Cleve Nares p.3I7:
 ULATUM, W.S.-A.M.N. n. I352p.7-I f7,9: (P. quadratum.)
 W.S., in A.M.N. n. I352p.7-I f3; Prit. I352pl. I9 f3; S. B. C. I. I.
 -2I f205; Q. J. M. S. I356p.205-I3 fI,2; I357p.22I; I360pp. I22-I30 can
 one; Prit. p.9I8; Grun. I360p.553; R. Bac. Exs. No.72; Can. p. I f2; Bull.
 p. Sc. Rev. I366p.40I-I3 fI-3; Heib. p.90; Girard Boss. I. I2-2 f3; R. E. C.
 254; Lewis, N. & R. S. p.7I; M. M. J. I369p.243; I370p. I2I-59 fI,2; I374,
 24; Bren. Vern. p. I0; Girard p.33; Archiv. Micr. Anz. I369p.29I; Ann.
 4. pl. I f5; Reinicke p. I fI-9; Reinhard; Engstr., I37I; Bull. I370p.
 -2 fI4, I5; Jarisch p. I2; Germ. Cat. p.33; M. T. p.3-4-I f2; I372, I373,
 . Sp. I. Nos. 339,390; Amer. Cat. I372I. I fI; Can. I373. 43; Cl. I373. I9;
 30I.5I; Verr. I. 473,497; Nav. p.40; Can. I38I. 38I, I fI3, I f3; V. d. S.
 II5-I3 f2-4; T. No. I39; Mobile; Zeit. für Nat. I385p.4; Shaw River;
 R. M. S. I382p. I4I; I383p.69I; I389p.553; I390p.43,69I; I390p. I04-
 6; 423-7 f3; I390p. I.3; J. Q. C. I383p.273; I389p.5; B. S. B. I390p. I0;
 t. Cbl't. I380p.350; Hedw. I382. 683; North. Micr. I382p.229; English
 ch. I386pp.233,329,337,396; A.M.M. J. I39Ipl. I f4; Tian I385p.43-3 fI;
 ag. p.32; Villef. p.54; Wollf, 30 f5,9; Malaisia; Del. Syll. p.23I;
 av. (& Gyrosig.) & Thuringiaca; -Nav. diagonalis; -Pl. javanicum,
 ombicum, Thuringiacum.)---Per.Pleur. pl.5 f3-5;
 .aestuarii, Prit.-V. d. S. p. II5; T. No. I72; Del. S. p.233: (Pl. aestuarii.)
 .convexa, Grun.-Cl. Nav. p.4I: (Pl. convexa, var. C.)---
 .cuneolata, V. d. S. p. II5; T. No. 74, I72 str; Del. S. p.233: (Pl. cuneolata.)
 .elongata, V. d. S. p. II5; T. No. I73; Sm. Cat. I. 2. 200: (Pl. elongata.)
 et. Syll. p.233: (Pl. elongata.)---
 .finmarchica, Cl. Nav. p.4I: (Pl. Finmare. & Normanni.)--
 .major, V. d. S. p. II5-I3 f5:
 .quadrata, W.S.-Sm. Sp. I. No. 39I; V. d. S. p. II5; T. No. I72;
 et. Syll. p.233: Cl. Nav. p.4I: (Pl. quadrata.)
 .striatosa, W.S.-V. d. S. p. II5; T. I70; Del. S. p.233: Cl. Nav. p.4I:
 Pl. striosum.)--- Oestrup 1897 p.310.
 .undulata, Grun.-Cl. I330p.5I; Nav. p.40;
 et. Pleur. p. I I-5 f3: (Pl. undulata.)
 .forma fallax, Grun.-Del. Syll. p.234: (P. fallax.)
 .forma gracilis, Grun.-Del. S. p.234: (Pl. gracile.)--
 .forma hyalina, Rabh. E. D. p.234; Grun. I373p. II6; Del. S. p.233: (V. del.)-
 .delic., forma kariana, Grun.-Del. S. p.233:
 .delic., forma salinarum, Grun. I373p. II6; Del. S. p.233;
 .aestuarii, forma intermedia, Grun.-Del. S. p.233;
 . " " Javanica, Cl.-Del. S. p.232;
 . " " minuta, Grun.-Del. S. p.232;
 .forma minor, Rabh. E. D. p.234:

+ *Diadema* *petit*, Cap Horn. *Forbm. D. m. p. 17*: *Doppel 1870 p. 16-2 f 13-15*.

ANGUSTUM, Donk.-T.M.S. 1353p.24-3f9; Carr. p. II2; Del. S. p. 241;

(Donkinia & Gyrosigma.)-

ANTARCTICUM, Gran.-Cl. & M.No. 125; Per. Pleur. p. 34; Del. Syll. p. 232;

AMILLARUM, Per. Pleur. p. 3-3f19; Del. S. p. 241; (Pinnarium.)--

APULUM, E.-Prit. p. 918; R.E.D. p. 233; Per. Pleur. p. 29-9f20;

Del. Syll. p. 252; (Gyros.; -Toxonidea.)

ARABURENSE, Castr. 1337p.33-23f5; Notar. 1339p.390; Del. S. p. 239;

Per. Pleur. p. 7-2f24;

ARCUATUM, Donk.-T.M.S. 1353p.25-3f10; Prit. p. 918; Carr. p. III; R.E.D.

p. 231; Sm. Sp. T. No. 393; Cl. 1330p.53; Per. Pleur. p. 25-3f24, 26; Del.

Syll. p. 259; (Gyrosig. fasciola, v. arc.)

ASIATICUM, Bran & Temp.-Per. Pleur. p. 27-3f44; Caloneis stadioph., var.)-

ATTENUATUM, K.-W.S., in A.M.N. 1. 1352p. II-2fII; S.B.D. Ip. 33-22f215; Mull;

Prit. p. 919; Gran. 1330p.55; 1373p.13; 1316p.100; Carr. p. II2; Del. S. p.

T. No. 73; Cl. 1330p.229; 1330p.54; 1391p.54; Cl. & M. No. 245; R. Sac. Exs.

No. 71; Roper, Thames; Schum. 1364p.23; Mull; Lanzi, Tor.; R.E.D. p. 239f

55; Kinnord; Prollius p. 67; Pet. liste p. 21; Delogne; M.T.P. 3-4-3;

Lake Michigan; Sm. Sp. T. No. 395; Spamer, Duren; J.R.M.S. 1379p.330; Bran.

Alp. p. 93-5f13; Belloc, Luchon; Tanarek 1379p.36, f17a; Ebert, Cassel;

V.H.S. p. II7-2fII; T. No. 182; Gallik, Papan; Deby Polder p. 20; Darnf.

p. 33; Lagr. 1384p.57; Perag. p. 63; Per. Pleur. p. 13-7f9; Trian 1335p.50-

3f7; Del. S. p. 243; J.R.M.S. 1393p. I-IfI-5; Herib. p. 122;

(Frustulia; -Gyrosigma; -Navicula; -Sigmatella.)----

* v. agellus, Rabh. E.D. p. 239; Hull; Delogne; Delogne; Wille, 30f2;

Malaisie; Del. S. p. 249; (Nav., Pl., & Gyros. ag.)--

* v. Caspia, Gran. 1373p.13-3f3; ⁴⁶Cl. 1330p.55; Del. Syll. p. 249;

Per. Pleur. p. 17-7f3; (Gyros. attenuatum.)-

AUSTRALE, Gran. 1363p.21-IfI3; Fortm. Cey. p. 39; Cl. Vega p. 497, 506, 511;

1330p.51; Per. Pleur. p. 10-4f24-27; Del. S. p. 240; Malaisie; Grevillea,

Vol. II. 42-2f13; Cl. Nav. p. 40; (Pl. aestivum, var., & inflatum.)

AUSTRALICUM, Witt.-J.M.C. 1373p.71-3f7; Del. S. p. 241;

BAILEYI, Gran.-Cl. 1330p.39; Per. Pleur. p. 22-3fII; Del. S. p. 247;

(Gyrosigma; -Pl. inflatum.)----

BALEARICUM, Gran.-Cl. & M. No. 154; (P. strigile, v.)-

BALTICO-SINENSIS, Schwartz.-Schw. 1374p.100; (Pl. Balticum, var.)--

BALTICUM, W.S.-A.M.N. 1. 1352p.3-2fI, 3; S.B.D. Ip. 33-22f215; Prit. p. 919;

S.C.P. ; Prit. 1352p.1.3f144; Gran. 1330p.55; 1333p.39; 1333p.13-3f9;

Prit. 1352p.1.20fI-3; 136Ip.917-3f33; 9f144; A.M.N. 1. 1350p.122-130;

Jan. & R. p. II-3f3; Bul. Sp. T. No. 77; Herib. p. 90; Carr. p. II2; Cl. 1363p.

229; 1373p.9; 1373p.20; 1380p.55; Vega p. 475; 1391p.54; Cl. & M. 245;

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Lagr. 1373p.50; Mobile; M.T.P. 3-4-10; M.M.J. 1374p.24; Eiban, 1371; Sm.

Sp. T. No. 396; Fortm. Cey. p. 39; V.H.S. pp. 3, II7-20fI; T. No. 180; Shark

River; Trian 1335p.49-3f5; A.S.M. 1355p.19, 11. I; Villaf. p. 74; J.R.M.

S. 1391p.412-3f5; Per. Pleur. p. 13-7f10, 20; Del. S. p. 240; Malaisie;

(Gyros.; -Nav.; -Pl. Baileyi, constrictum, diminutum, macron & simile.)----

* forma angustior, Rabh. E.D. p. 235; (Pl. Loricaria.)-

* for. Baltico-Sinensis, Schw.-Del. S. p. 250; (P. Balt.-S.)----

decorum, Fortm. D. m. p. 16.

- var. "b" Walsbeckeri, S.B.C. l.p. 33-24f20/6; Sm. Sp. 7. 394; Cl. l.p. 55; Villot. l. 34; Per. Pleur. l. 12-7f29, 30; *Fort. D. m. p. 190* (P. acut.)
- var. "c", S.B.C. l.p. 33-24f20/7; *Fort. D. m. p. 190* (Gyros. acuminatum, var. l. 30.)--
- v. Brebissonii, V.A.S. p. 117; Del. Syll. p. 250;
(Gyros. acuminatum, v. Brebissonii; -P. Br., & scalprum, var. l. 1.)
- v. Californica, Grun.-Cl. l.p. 55; Cl. & M. No. 143 & 10; Del. Syll. l. 250; Per. Pleur. l. 13-7f22; (Gyros. c., var. l. 30.)
- v. maxima, Grun.-Per. Pleur. p. 13-7f13; (P. Balticum.)--
- BARBADENSE, Grun.-Cl. & M. No. 149; Cl. l.p. 50; Del. Syll. l. 240;
Per. Pleur. p. 3; (P. marinum & var.)--
- BIHARENSE, Pant. 3p. -42f53I;
(Gyros. diminutum, v. constricta; -Pl. constrictum.)--
- BISTRATUM, Schum. l.p. 59-2f53; Del. Syll. p. 202;
- BREBISSEONII, Grun.-V.A.S. p. 12113; T.M.S. l.p. 133; Carr. p. 112; Brin & T. p. 73;
Cl. l.p. 56; l.p. 9; Per. Pleur. p. 13-7f29, 30;
(Pl. Balticum, var.; -Pl. scalprum, Breb.)--
- var., V.H. Type No. 139; (P. acuminatum, var. Brebissonii.)
- BRUNII, Cl. Mss.; Per. Pleur. p. 13-5f13; Del. S. p. 241; Cl. Nav. p. 37;
- CANDIDUM, Schum. l.p. 59-2f57; Brin & T. p. 73; Per. Pleur. p. 12-5f11;
(Pl. aestuarii.)----
- CAPENSE, Petit Table Bay p. 7, f3; Per. Pleur. p. 2f-3f0; Del. S. p. 247;
(Gyrosigma stripile, var.)----
- CARINATUM, Donk.-T.M.S. l.p. 23-3f4; Carr. p. 112; Brin & T. p. 73;
Cl. Nav. p. 44; (Donkinia.)--
- CLEVELI, Grun.-Cl. l.p. 52-3f70a, b; Vega p. 475; Navic. p. 37; Malaisie;
Brin & T. p. 73; Per. Pleur. p. 13-5f17, 18; Del. S. p. 237;
- v. cornuta, Grun.-Cl. Nav. p. 37;
- v. fossilis, Bn.-Per. Pleur. p. 13-5f19; Del. S. p. 237; Cl. Nav. p. 37;
- v. Sibirica, Grun.-Cl. Vega p. 475-35f14; Navic. p. 37;
- COMPACTUM, Clev.-M.S. l.p. 12-3f13; l.p. 95, M10; Carr. p. 112;
(Amphipora Ralfsii; -Donkinia; -Pl. rectum.)--
- CONSTRICUM, Grun.-Cl. l.p. 57; Per. Pleur. p. 20-7f13; Del. S. p. 251;
(Gyros. diminutum, v. c.; -Pl. Balticum & Biharense.)-
- CONVEXUM, Grun.-Cl. l.p. 50; M.T.P. 3-4-15; Malaisie;
Per. Pleur. p. 3; Del. Syll. p. 241; (Pl. striatum, v.)---
- CULINARUM, Grun.-A.M.M.S. l.p. 136; (Pl. paradoxum.)
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- CUSPIDATUM, Ralb.-Prit. p. 919; Per. Pleur. p. 34;
(Gyros.; -Pl. acuminatum, v.)---
- CUSPIDATUM, Cl. Nav. p. 35; Per. Pleur. p. 12-5f13; (P. lanceolatum, v.)--
- DECURVUM, S.B.C. l.p. 33-24f19; Breb. O.C. p. 7; Verm. p. 10; Prit. p. 913;
Grun. l.p. 55; l.p. 21; Carr. p. 112; Villot. l. 34; Cl. l.p. 51;
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distortum, Fortm. D. M. p. 17:

Elongatum, Fortm. D. M. p. 17:

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+ formosum, W.S. - Oestrup 1897: 310: Fathm. D.M. p. 16:

? " var. gigantea Gr. - Mollat. Cat. 1897 p. 21: - ?

gigantea, Fathm. D.M. p. 17:

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GALLAX, Grun.-Cl. I330p.50-3063; Per.Pleur.p.7-2f13;

Malaisie:

(Pl.elongatum, v.)--

ASCIOGA, E.-W.S., A.M.N.H. I352p.9-213; S.B.C. Ip.37-21f11; M.J. I340, p.43; I352p.152 cm 100m; Pl. p.913-1210, 31; 1310p.90; Carr. p. III; Grun. I330p.539; Lewis, N. & R.S. p.71; 111; Ew. N. & R.S. p.115; T.E. D.p.200; Cl. I333p.229; I373p.20; I330p.33; Vega p.473; Cl. & M.No. 297; Eiben, I371; Flogel, Baltic; Sm.Sp. T.No.471; Reinhard; V. & S. p. 119-21f13; T.Nos. 191, 192; Wollf, 32f1; T. Jan. I335p.51-3f12; Per. Pleur. p.25-3f10, 33; Det. S. p.253; (Gyrosigma; -Gyrosigma; -P. Park., v.)-

* var. "b", tenuistria, S.B.C. Ip.37-21f11; Cl. I330p.33-4f73;

Vega p.473:

(Gyros. fasc., v. tel.; -Pl. ten.)-

* v. sulcata, Grun.-V.H.S. p.119-21f7; Cl. I330p.55-4f75:

Vega p.473:

(Gyros. fasc., v. sul.; -Pl. sulcata.)--

EBIGERII, Grun.-Cl. & M.No.223; Cl. I330p.50: (Gyros.; -P. Park., v.)

FINMARCHICUM, Cl. Vega p.475; Per. Pleur. p.12-5f9;

(Pl. angulatum, var., & Normanii.)--

FORMOSUM, W.S.-A.M.N.H. I352p.5-1f1; S.B.C. Ip.33-20f195; Front.; Breb. D.C. p.48; Q.J.M.S. I353p.553; T.E.S. I330p.139; Pl. p.917-3f32; Grun. I330p.553; Carr. p. III; Lewis, N. & R.S. p.71; Jan. G. p.29; Reinhard; R. E.C. p.231; Guillard p.35; Cl. I333p.229; I373p.19; I373p.9; I330p.43; Vega p.475, 497, 51f; Nav. p.45; Eiben, I371; H.T. p.3-4-13; Sm. Sp. T.No. 402; Petit, Nimrod; Cat. p.23; M.N.S. I374p.24; Carr. I373p.43; Malaita; Form. Cey. p.33; Engl. Mech. I330p.300; V. & S. p.115-19f4; T.No. 177; Moule; Parag. p.32; Villef. p.54; Per. Pleur. p.4-1f4, 5; Wollf, 32f1, 3; J.R.M.S. I392p.1-1f1; J.Q.C. I333p.301-23f1-7; Det. Syll. p.243; 4

(Gyros.; -Pl. Australicum, neocum & Tahitensis.)--

* v. Adriatica, Thum.-Per. Pleur. p.4-1f3; Det. S. p.243;

* v. arcus, Cl. Navic. p.45-4f13;

* v. Balearica, Per. Pleur. p.4-1f3, 7; Det. S. p.243; Cl. Nav. p.45;

* v. Dalmatica, Grun.-Cl. Nav. p.45-4f21;

(P. decoloratum, v.)--

* v. inflata, Per. Pleur. p.1-1f10; Det. Syll. p.243;

* v. longissima, Grun.-Cl. I330p.43; Navic. p.45; Det. Syll. p.243;

Per. Pleur. p.4-1f1, 2;

GALLAPAGENSIS, Cleve, Navic. p.33-4f13;

GALLICUM, Grun.-Per. Pleur. p.19-7f2:

(Gyros. acm., var. Gall.; -P. scalprum, v.)-

GIGANTEUM, Grun. I330p.533-4f1; I333p.155; R.E.D. p.240; Carr. I370p.

49; Cl. I330p.53; Vega p.503; Per. Pleur. p.15-3f12: (P. elongatum, v.)--

* var., Q.J.M.S. I339p.150-12f1;

GLACIALE, Cl. Vega p.473-35f13; Per. Pleur. p.20-7f15; Det. S. p.252;

(Gyrosigma; -Rhoicosigma.)----

GRACILE, Per. Pleur. p.3-2f19:

GRACILENTUM, Rabh. Alg. Eur. No. 1063; R.E.D. p.240; Sm. Sp. T.No. 403;

Q.Q.C. I370p.37:

(Gyros. & Pl. Kutzingii.)-

GRACILESCENS, Grun.-Cl. I330p.50; Per. Pleur. p.7-3f10;

Det. Syll. p.240:

(P. elongatum, v.)----

GROVEI, Cl.-Per. Pleur. p.22-3f1; Det. S. p.257;

(Gyros. G.)---

GRÜNDLERII, Grun.-Cl. I330p.54; Per. Cl. p.15-3f1; Navic. p.39; Det. S. p.243;

intermedium. Dampf.p. 33:

lanceolatum, J. & M. D. M. p. 17:

marinum, J. & M. D. M. p. 16:

PLEUROSIGMA.---

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- LAMPROCAMPUM, E.-Ralfs, Prit.p.917; R.E.D.p.237; Per.Pleur.p.24-3f12; Del.Syll.p.261; (Gyrosigma; -Navicula.)---
- LANCEOLATUM, Donk.-T.M.S.1353p.22-3f4; Prit.p.913; Carr.p.112; Hall: R.E.D.p.233; Cl.1330p.53; Nav.p.37; Brn & T.p.73; Del.Syll.p.233; Per.Pleur.p.12-5f14; @ J.M.S.1873p.17; (P.transversale, var. "l.")
- " v. elongata, Cl.-N.L.V.D.p.5-1f17; Per.Pleur.p.12-5f15; Del.Syll.p.233;
- " v. tahitensis, Grun.-Cl.1330p.53; Navic.p.37; Del.S.p.239;
- LATUM, Cl.1330pp.14,51-3f38; Vega p.475; Nav.p.42; Malaisie; Del.S.p.236; Per.Pleur.p.3-3f17,19;
- LENIUSCULUM, Per.Pleur.p.1.5f12; Del.S.p.239; -(Pl. Stenocarpus, var. "l.")---
- LINEARE, Grun.-Cl.1330p.59; (Rhoicosigma.)---
- LITTORALE, W.S.-A.H.N.A.1352p.10-2f3; Prit.1352p.1.20f3; Bren.D.C.p.10; S.B.D.1p.67-22f214; Prit.p.916; Grun.1330p.560; Carr.p.112; Hall: R.E.D.p.233; R.Bac. Exs. No.27; Sm.Sp.7.No.403; Cl.1330p.54; Del.S.p.243; Per.Pleur.p.17-7f1; *Fortm. D.M. p.17*; (Gyrosigma.)
- LONGIMUM, Brn.-M.J.1330p.130-9f7; Prit.p.917; R.E.D.p.237; Carr.p.112; Cl.1330p.50; Cl.1330p.53; Malaisie; Per.Pleur.p.21-3f1; Del.Syll.p.236; (Pl. praelongum.)---
- LONGISSIMUM, Cl.-N.L.V.D.p.5-1f3; Malaisie; Per.Pleur.p.13-7f15; Del.S.p.257; (Gyros. linearae, var. l.; -Donkinia)
- LONGUM, Cl.1373p.19-3f11; Vega; 1330p.49-3f11; Vega p.476; Nav.p.38; Malaisie; Per.Pleur.p.5-2f2; Del.S.p.244;
- " v. Americana, Per.-Cl. Nav.p.33; (P. decorum, v.)
- " v. inflata, Perag.-Cl. Nav.p.39; (P. decorum, v.)-
- LORENZIANUM, Grun.- (Pl. Lorenzii; -Gyros. rectum.)---
- LORENZII, Grun.1330p.533-4f4; Per.Pleur.p.10-7f17; (P. inflatum, v.)-
- MACILENTUM, Per.Pleur.p.1.5f24; Del.S.p.233; (P. obscurum.)--
- MACRON, Johnston.-M.J.1330p.15; (Gyros. & P. Balticum.)---
- MACTUM, S.B.D.1p.37-3f1275; Prit.p.913; Grun.1330p.539; Carr.p.111; Hull; Lewis, N. & R.S.p.67; Reinhard; R.E.D.p.231; Fortm. Cey.p.37; Cl.1330p.53; Vega p.476; V. I.S.p.119-2f10; Stark River; 1330p.32f1; Per.Pleur.p.20-3f4; Del.S.p.233; (Gyrosigma.)---
- MAJUS, Grun.-Cl. Nav.p.44-4f15; (P. affine, v. int.; -P. speciosum, var. m.)--
- MARINUM, Donk.-M.J.1353p.22-3f3; Prit.p.913; Carr.p.112; V. I.S.p.119; Pet. Cat.p.23; Cl. & M. No.149; 1330p.50; Vega p.497; Nav.p.37; Villef. p.54; Per.Pleur.p.3-3f11; Del.S.p.233; 1330p.50; (Pl. Bahamense.)---
- " v. Italica, Per.Pleur.p.3-3f10; Del.S.p.233; Cl. Nav.p.37;
- VAROCCANUM, Clave Navic.p.42; (Rhoicosigma m.)-
- MINUTUM, Donk.-T.M.S.1353p.24-3f3; (Donkinia m.)-
- MINUTUM, Grun.-Cl. & M. No.136; Dallf.p.33; Per.Pleur.p.34; Cl. Nav.p.41-4f19; (Gyros. rectum, v. minutum.)
- MIRABILE, Grun.-M.J.1372p.193; Per.Pleur.p.34; -(Pl. inflatum, v.)-
- NAVICULACEUM, Bren.D.C.p.17,17; Prit.p.913; Grun.1330p.539; R.E.D.p.232; Fortm. Cey.p.37; Fortm. Cey.p.37; V. I.S.p.3-4-12; Cl.1373p.19; 1330p.51; Lagr.1370p.49; V. I.S.p.119-"C"103; Perag.p.32; Del.S.p.134; Per.Pleur.p.11-4f19-23; Cl. Navic.p.36; (Gyros.; -Pl. aequatoriale, Japonicum & transversale.)--
- " var., Castr.1337p.37-23f3;

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- forma minuta, Cleve Navic.p.36;
- NEOCRADENSE, Pant. II. 55; Sp. - 21f112; Del. Syll. p. 241; -(P. hamulifera, v.)
- NICOBARICUM, Grun. I 330p. 101; Cl. I 330p. 81; Nav. p. 35; Malaisie; Del. S. p. 239; Per. Pleur. p. 19-4f10, 11; (Pl. affine, v. - P. hamulifera, v. -)
- v. hamulifera, Bn. - Cl. Nav. p. 36; -(P. ham.; -P. Nicobar., v. Indica.)-
- v. Indica, Per. Pleur. p. 10-4f12; Malaisie; Del. S. p. 239; -(Var. hamulif.)
- v. sagitta, Bn. & Tp. - Cl. Navic. p. 33; (Pl. sagittum.)-
- MODIFIERUM, Grun. - Cl. I 330p. 59; V. A. S. p. 1. 21f13; T. No. I 34; Per. Pleur. p. 23-3f25; (Gyros. (ex Pl.) Spicatum, var. n.; -b. -)
- NORMANII, Ralfs, Prit. p. 919; Hull: R. E. O. p. 236; Malaisie; Cl. I 330p. 14, 52-3f37; Per. Pleur. p. 10-4f13, 7; Del. S. p. 357; Cl. Navic. p. 35; (Pl. affine, v. Norm.; -Pl. angulata, v. Norm.; -Pl. lanceolatum, Norman.)-
- v. fossilis, Grun. - Cl. Nav. p. 40; (Pl. affine, v. f.; -P. aestuarii, v. int.; -Pl. subrecta, v. -)
- v. Marylandica, Grun. - Cl. Nav. p. 40; (Pl. affine, v. Maryland.)
- NOTARISII, Castr. I 86 Intrasc. No. 74; Heaw. Vol. 5, p. III; Per. Pleur. p. 34; Del. Syll. p. 262;
- NUBECULA, Bred. C. C. p. 40; S. B. O. II. 64-21f201; Prit. p. 916; Carr. p. 112; Hull; Grun. I 330p. 557; Schm. I 371. 59; R. E. O. p. 232; Carr. p. 36; Cl. I 330p. 52; Vega p. 475; Nav. p. 34; Woll. 3014; Per. Pleur. p. 14-3f23; Malaisie; Del. S. p. 235; (Gyros. intermedium, v.)---
- v. amphipleuroides, Grun. - Cl. Nav. p. 35; (Pl. intermedia, v.)---
- v. intermedia, W. S. - Cl. Nav. p. 35; (Pl. inter.)
- v. Mauritania, Grun. - Cl. Nav. p. 35;
- v. pilvula, Grun. - Cl. I 330p. 72; Del. S. p. 235; (Pl. pilv.)-
- v. subrecta, Cl. Nav. p. 35; (Pl. elongatum, v. Baltica; -Pl. sub.)
- v. Thirii, Castr. - Per. Pleur. p. 14-3f25; (Pl. Thirii.)-
- OBLIQUUM, Grun. - Cl. I 330p. 56; Per. Pleur. p. 13-3f34; Del. Syll. p. 251; (Gyros. scalproides, var. obl.)-
- OBSCURUM, S. B. O. II. 65-20f206; Prit. p. 917; Heib. p. 90; Grun. I 330p. 556; Carr. p. 112; Guinard p. 36; Lewis, N. & R. S. p. 67; Reinhard; R. E. O. p. 236; Cl. I 373p. 19; I 330p. 49; Vega p. 475; Nav. p. 45; Flögel, Baltic; Sm. Sp. T. No. 407; Fortm. Cey. p. 37; Shark River; Perag. p. 62; Villef. p. 54; Per. Pleur. p. 5-1f14; Woll. 3011; 3212; Malaisie; Del. S. p. 244; (Gyrosigma; -Pl. macilentum & Peisonis.)- *Int. M. p. 16*
- var. "b", Prit. p. 917; Malaisie; Per. Pleur. p. 5-1f15, 16;
- v. Barbadosensis, Cl. Navic. p. 43;
- v. diminuta, Per. Pleur. p. 5;
- v. Mediterranea, Grun. - Cl. I 330p. 49; Per. Pleur. p. 5-2f5; Del. Syll. p. 244; (Pl. 330p. 49, var.)-
- OSTEOSATUM, Sullivant. - A. O. S. I 359p. 251; Prit. p. 919; R. E. O. p. 242; Woll. 3014; Trian I 335p. 51-3f11; Malaisie; (Colletomena & Eradissima; Pl. & Schizomena eximium.)-
- O'NEARI, Grun. - Per. Pleur. p. 22-3f10; (Navicula O'M.)
- PARADOXUM, Per. Pleur. p. 16-3f13; Del. S. p. 246; (P. paradoxum, var.)-
- PARKERII, Harrison. - M. O. I 330p. 104 cum icon; Prit. p. 919; Hull; R. E. O. p. 240; Cl. I 330p. 57; V. A. S. p. 113-21f10; T. No. 190; Per. Pleur. p. 25-3f33; Trian I 335p. 51-3f13; (Gyros. distortum, v. Park.; -P. fasciola.)--

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- * var. *stauroneoides*, Grun.-Cl. I330p.57; Det. S.p.260:
 (Gyros. P., var. st.; -Pl. 36b1, 3111.)
 PEISONIS, Grun. I330p.562-4f3; R.E.D. I.24I; Cl. I330p.30:
 Per. Pleur. p.24-3f27; (P. *quadratum*, v. *Stauroneoides*.)
 PELAGICUM, Per. Pleur. p.7-3f3; Cl. Nav. p.37; -(P. *acutum*, v. *Stauroneoides*.)-
 PERACALLI, Grun. I391p.41-2015; Per. Pleur. p.7-3f3; Cl. Nav. p.37;
 Det. Syll. p.242:
 * v. *gracilior*, Cleve Navic. p.35;
 * v. *perangusta*, Cl. Navic. p.35;
 PLAGIOSTOMA, Grun.-Cl. I330p.56; Per. Pleur. p.29-7f33;
 Det. Syll. p.251: (Gyrosigma I.)
 PRAELONGUM, Cleve Navic. p.39: (P. *longinum*.)?
 PROLONGATUM, W.S.-A.M.N. I. I352p.9-2f7; S.B.D. II. 37-2f12f2; Grun. I330p.
 p.559; Prit. I352p.1.20f7; I351p.915; Greg. D.C. I. : Carr. p. III; Hall;
 R.E.D. I.231; Heib. p.90; Malaisie; Sm. Sp. T. No. 403; Cl. I330p.53; Vega p.
 473; Per. Pleur. p.25-3f39; Det. S. p.259; *Detm. D.M. p. 16*: (Gyrosigma I.)--
 * v. *clavarioides*, Grun.-Cl. I330p.56-3f40; -(Gyrosigma I., v. *clavarioides*.)---
 PULCRUM, Grun. I330p.553-412; R.E.D. I.241; Grun. Cey. p.33; Sm. Sp. T.
 No. 695; Cl. I330p.43; Woll. 32f3; Per. Pleur. p.4-1f3; Det. S. p.244;
 (Pl. *speciosum*, var., & *mirabile*.)---
 PUSILLUM, Grun.-Cl. I330p.54; Per. Pleur. p.15-3f15;
 Det. Syll. p.246: (P. *salinarum*, var.)-
 QUADRATUM, S.B.D. II. 35-2f1104; Greg. D.C. I. : Prit. p.913; Grun. I330p.
 p.556; Heib. p.90; Carr. p. II2; Hall; Ew. N.H. I. 1f9; Cl. I330p.229;
 I330p.51; R.E.D. I.235; M.H. J. I370p.121-59f3; M. T. 3-4-14; Sm. Sp.
 T. No. 391; V. A. S. I. I3f1; Carr. I331p.322, 6165; Woll. 32f10; Malaisie;
 Per. Pleur. p. II-5f7; Grun. I335p.49-3f3; *Detm. D.M. p. 17*:
 (Gyrosigma; -Pl. *angulatum*, var., & *rhombicum*.)--
 * var. "b", W.S.-Per. Pleur. p. II-5f3; S.B.D. II. 35-2f1204;
 RECTUM, Donkin.-T. V. S. I353p.23-3f3; Carr. p. II2; Malaisie;
 (Donkinia; -Amphibia Balfour; -Gyrosigma; -Donk. & Pl. *compertum*.)
 REVERSUM, Greg. D.C. I. 53-6f105; Prit. p.917; Carr. p. III; Sm. Sp. T. No.
 409; Cl. I330p.57; Per. Pleur. p.20-7f10; Det. Syll. p.260;
 (Donkinia; -Gyros. *diminutum*, var. *constricta*.)-
 RHOMBICUM, Grun.-M. T. p.3-4-16; Cl. I330p.50; Per. Pleur. p.3-3f16, 14;
 Det. S. p.241; Cl. Nav. p.42; Malaisie: -(P. *quadratum*, v., & *angulatum*.)---
 RHOMBICOIDES, Cl. I330p.14, 54-4f73; Vega p.466; Det. Syll. p.242;
 Per. Pleur. p.15-5f14; (Pl. *Stuxbergii*, v. rh.)---
 * v. *angustior*, ; Cl. Vega p.473;
 RICIDUM, S.B.D. II. 34-20f103; Prit. p.916; Grun. I330p.557; Carr. p. III;
 Breb. Verm. p.10; Hall; R.E.D. I.232; Cl. I330p.229; I373p.19; Vega p.
 475; Navic. p.39; Sm. Sp. T. No. 410; Lewis, N. & R. S. p.57; Grun. Cey. p.33;
 V. A. S. I. I3f3; T. No. 173; Per. Pleur. p.32; Villaf. p.54; Per. Pleur. p.14-
 6f3, 4, 6; Woll. 30f3; Grun. I335p.49-214; Malaisie; Det. S. p.237;
 (Gyrosigma; -Pl. *varium*.) *Detm. D.M. p. 16*:
 * v. *gigantea*, Grun.-Cl. Nav. p.39: (Pl. *gig.*.)-
 * v. *incurvata*, Br.-Per. Pleur. p.17-3f7; Cl. Nav. p.39; Det. Syll. p.261;
 ROBUSTUM, Grun.-Cl. I330p.56; Malaisie: (Gyrosigma; -Rhombicoides.)---

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- SALINARUM, Grun.-Cl. & M.No. 214; I33Op. 54; Nav. p. 39; Det. Syll. p. 247;
 Per. Pleur. p. 13-3f13; (P. acuminatum, v.)--
 v. paradoxa, Perap.-Cl. Nav. p. 39; (Pl. lat.)--
 v. pusilla, Grun.-Cl. Nav. p. 39; (Pl. pas.)--
- SAGGITA, Brun & T. p. 49-9f19; Per. Pleur. p. 10-4f13;
 Gallia, Papan; (Pl. Nicobarica, v. lat.)--
- SCALPELLUM, K.-Prit. p. 917; R. Alg. Eur. No. 1101; R. E. D. p. 237;
 Gallia, Papan; Per. Pleur. p. 34; (Gyros.; -Navic.; -P. Spenceri.)
- SCALPROIDES, Rabh. E. D. p. 241; R. Alg. Eur. No. 1101 sub; Bleisch, 1868;
 V. A. S. p. 120-2f11; Delogne; Cl. I33Op. 50; Trian I335p. 52-3f14; Perap.
 p. 33; Delogne, Lichon; Per. Pleur. p. 25-3f13; Det. Syll. p. 251;
 (Gyrosigma; -Nav. sigma; -Pl. acuminatum, v.)----
- SCALPRUM, Gaillon.-Ralfs, Prit. p. 919; R. Bac. Exs. No. 77; Alg. Eur. 2013;
 Ill: R. E. D. p. 233; Sp. Sp. T. No. 411; Cl. I33Op. 53; V. A. S. p. 120; T. 13.
 I72; Trian I335p. 50-3f3; Per. Pleur. p. 17-7f3; Det. S. p. 248; -(Cymbella; -
 Gyrosigma acun, var. Breb.; -Navicula; -Pl. Balticum acun.; -P. Breb., var.)
 v. Gallica, Grun.-V. A. T. No. 172 sub; -(P. Gal.; -Gyros. acuminatum, v.)----
- SCIOTENSE, Sullivant.-A. S. S. I359p. 251; Prit. p. 917; R. E. D. p. 241;
 Cl. I33Op. 59; Wille, 30f12; Per. Pleur. p. 34; Det. S. p. 255;
 (Gyros. plagiostomum; -Pl. simile.)--
- SIMILE, Grun.-Cl. I33Op. 53; Per. Pleur. p. 19-2f27; Det. S. p. 251;
 (Gyrosigma (& Pl.) Balticum, var.; -P. Sciostonense.)--
- SIMUM, E.-Ralfs, in Prit. p. 917; Per. Pleur. p. 35; R. E. D. p. 241;
 Det. Syll. p. 262; (Navicula s.)--
- SINENSE, E.-Ralfs, in Prit. p. 916; R. E. D. p. 241; Cl. I33Op. 57; (Navic.)--
- SINENSE, Cleve, & M. No. 173; Cl. I33Op. 57; Per. Pleur. p. 20-7f14; Det. S. p. 251;
 v. Calcuttensis, Grun.-Cl. I33Op. 57; Per. Pleur. p. 20-7f12;
 Det. S. p. 252; (Gyros. Balticum, v. Cal.)--
- SINUOSUM, E.-Ralfs, Prit. p. 917; R. E. D. p. 233; Per. Pleur. p. 35;
 Det. Syll. p. 262; (Navic.)
- SMITHIANUM, Castr. I337p. 33-23f6; Notar. I339p. 391;
 Det. S. p. 251; (Gyros. calcuttensis.)--
- SMITHII, Grun. I33Op. 530; R. E. D. p. 233; Cl. I33Op. 53; Det. S. p. 253;
 Per. Pleur. p. 21; (Gyrosigma, v.; -P. acuminatum, v. s.)--
- SPECIOSUM, W. S. -A. M. N. t. I352p. 3-1f3; Prit. I352p. 1. D. 2; S. A. S. p. 120-
 20f197; Prit. p. 917; Grun. I33Op. 557; Carr. p. 111; R. E. D. p. 233; Cl.
 I33Op. 49; Navic. p. 44; Villed. p. 5; Per. Pleur. p. 3-2f13-15; Det. Syll.
 p. 233; Malaisia; *fortm. Dm. p. 161* (Gyrosigma.)--
- var., Castr. I337p. 37-23f11;
 v. acuta, Per. Pleur. p. 3-2f11; Malaisia; Cl. Navic. p. 44;
 Det. Syll. p. 233; (Pl. abr.)--
- v. gracilis, Per. Pleur. p. 3-2f10; Malaisia; (Pl. lat.)--
- v. javanica, Per. Pleur. p. 3-2f17, 13; Malaisia; Det. S. p. 233;
 Cl. Navic. p. 44; (Var. Sinatrica.)----
- v. major, Grun.-Cl. I33Op. 49; Det. Syll. p. 233; (Pl. majus.)----
- v. pilulifera, Grun.-Cl. Nav. p. 44; (Pl. pil.)--
- v. Mediterranea, Grun.-Cl. Nav. p. 44; (P. obscurum, var. M.)--
- v. Sinatrica, Per. Pleur. : (Var. javanica; -Pl. Sin.)--
- v. tortuosa, Cleve navic. p. 44; (Pl. tortuosa)

Apocynum,

" *fruticosa*, Belloc, Luchon p. 50-3 f 3:

Strigosum Fortm. D.M. p. 16. Darnuf. p. 33:

SPECTABILE, Grun.-Per.Pleur.p.21-7f14; Det.Syll.p.252;-(Gyrosigma s.)-
 SPACERII, W.S.-A.M.N.1.13521.12-2f15; Prit.13521.1.2015; S.B.C.1.
 33-2f213; Dublin Soc.Nat.Hist.1353; D.O.P.S.11801.1.13; T.No.135.
 No.75; Prit.1.919; Grn.13501.551; Gall.p.112; Hb.1351,1353; Hb.
 R.L.C.1.240; Ebor,1371; Per.13531.1.11; Grn.241.1.91-7111; Sp.S.1.
 No.412; Kinnora; Sur.341.1.10-2f21; 2f116, London: 1351.1.33; Cl.
 13301.59; Vega p.475; 1391.54; V.H.S.1.115; Per.1.1.5; Malaisie;
 Per.Pleur.1.22; Lake Michigan; 1351, 3003-3; Det.Syll.1.1.22; Grn.
 p.122: (Gyrosigma; -Navicula; -Pl.Petersonis.)

- var., Cleve 1330p.60; Lake Michigan;
 - v. *acutiuscula*, Grn.-V.H.S.1.113; T.No.133; Det.S.1.254;
 Per.Pleur.1.25-3f19, 30; (Gyros. *Kittizii*, var.)---
 - v. *Antillarum*, Grn.-Cl.1330p.60; Per.Pleur.1.23;
 Det.Syll.p.254; (Gyros. *Sp.*)----
 - v. *Arnottii*, Grn.-Cl.1330p.59; Per.Pleur.1.23-3f13, 19;
 Det.Syll.p.254; (Gyros. *Sp.*)----
 - v. *borealis*, Grn.-Cl.1330p.60-4f79a,c; Vega p.475;
 Per.Pleur.1.23-3f13; Det.S.1.254; (Gyros. *Sp.*)
 - v. *curvula*, Grn.-Cl.1330p.60; V.H.S.1.113; T.No.135; Per.Pleur.
 1.23-3f20, 24; Det.S.1.254; (Gyros. *Sp.*; -Nav. & Pl. *curvula*.)----
 - v. *exilis*, Grn.-Cl.1330p.60; Per.Pleur.1.23-3f25;
 Det.Syll.p.255; (Gyros. *Sp.*, var. *ex.*)--
 - v. *Hebigerii*, Per.Pleur.pl.3f20; (Gyros. *Heb.*)---
 - v. *Kittizii*, Grn.-V.H.S.1.113; Per.Pleur.1.23-3f11;
 Det.S.p.254; (Gyros. & Pl. *Katz.*)--
 - v. *minutula*, Grn.-Cl.1330p.60; Per.Pleur.1.23;
 Det.S.p.255; (Gyros. *Sp.* var. *m.*)---
 - v. *nodifera*, Grn.-V.H.S.1.113-2f13; T.No.134;
 Det.S.p.254; (Gyros. *Sp.* var. *n.*; -Pl. *nod.*)----
 - v. *Petersonis*, Grn.-Per.Pleur.1.3f17; Det.Syll.1.255;
 (Gyros. *Warszewekii*, var.; -Pl. *Petersonis*.)---
 - v. *scalproides*, (Gyros. & Pl. *scalproides*)
 - v. *Smithii*, Grn.-Cl.1330p.59; V.H.S.1.113-2f13; Det.Syll.1.255;
 p.253; Per.Pleur.1.22-3f21, 23; -(Gyros. *Sp.*; -P. *Smithii*, var.)---
 - v. *subsalina*, Per.Pleur.pl.3f13, 17; Det.S.1.255; -(Gyros. *Warszewekii*, v.)
- STAUROPHORUM, Grn.-Cl.1330p.31; Vega p.475; Det.S.p.271;-(Rhopilema)
 STAUROPHORUM, Per.Pleur.1.27-3f45; Det.Syll.1.257; (Cl. *Staur.*)
- STRIGILE, W.S.-A.M.N.1.13521.3-2f14; Prit.13521.1.2004; Hb.1351.1.1.
 S.B.C.1.31-2f203; Prit.1.919; Grn.13501.559; Gall.p.112; Hb.1351.
 E.D.1.233; Roper, Thames; Sp.S.1.1.No.413; H.T.P.3-4-7; V.H.S.1.1.254;
 T.No.175; Cl.1330p.53; 1391.54; Per.Pleur.1.21-3f1, 5; Det.Syll.1.
 253; *Fortm. D.M.p.17*; (Gyrosigma; -P. *Balticum* & *tropicum*.)
- STRIATUM, Schum.1337p.59-2f53; Per.Pleur.p.35;
- STRIGOSUM, W.S.-A.M.N.1.13521.7-1f3; Prit.13521.1.1913; Grn.1350p.55;
 S.B.C.1.34-2f1203; Prit.1.913; Grn.1350p.553; Gall.p.112; R.L.C.
 p.232; Eil.S.1.1.No.75; Schum.1337p.59; Hb.1351; Sp.S.1.1.No.
 414; Hb.1351, Baltic; Cl.1330p.9; Vega p.475; 1330p.51; Vega p.475,
 506; Per.1.1.52; Lq.1.13/52.43; V.H.S.1.1.1912; Malaisie; Per.Pleur.
 1.11-5f1, 2; *Fortm. D.M.p.17*; (Gyrosigma; -Pl. *angulatum*, var.)

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- * var. *convexa*, Cl. Vega p. 512; (Pl. con.; -Pl. angulatum, v. conv.)---
 STUXBERGII, Cl. & Grun.-Cl. 1330p. 71-1171; Vega p. 476; Del. Syll. p. 245; Cl. 1334p. 105-1156a, b; Per. Pleur. p. 15-349; Del. S. p. 245; (Rhoicossigma.)---
 * v. *diminuta*, Per. Pleur. p. 15-3f10;
 * v. *hyperborea*, Grun.-Cl. Vega p. 476;
 * v. *latiuscula*, Per.-Cl. Navic. p. 41; (Pl. lat.)--
 * v. *minor*, Grun. 1364p. 105-1157a, b; Per. Pleur. p. 15-3f11;
 Cl. Nav. p. 41; Del. Syll. p. 246;
 SUBRECTUM, Cl. 1330pp. 14, 53-3f72; Per. Pleur. p. 14-5f30;
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 SUBTILE, Breb.-Ralfs, Prit. p. 917; R.E.D. p. 237; Per. Pleur. p. 35;
 Del. S. p. 262; (Navicula s.)--
 SULCATUM, Grun.-, Per. Pleur. p. 25-3f43; Del. S. p. 243;
 (Gyros. & Pl. fasciola, v. sulc.; -Rhoicossigma.)----
 SUMATRICUM, Per. Pleur. p. 6-2f16, 18; (P. speciosum, var. ?)-
 TAHITIENSE, Witt.-J.M.G. 1373p. 67, f13; Per. Pleur. p. 34:-
 (Toxonidea laevis.)
 TAHITIENSE, Castr. 1387p. 33-23f4; Notar. 1339p. 691; Per. Pleur. p. 33-2f10; 10f9; (Rhoicossigma.)----
 TENUIROSTRE, Grun.-, Per. Pleur. p. 25-3f42;
 Del. S. p. 246; (Gyros. & Pl. fasciola, v. tenuirost.)
 TENUISSIMUM, S.B.D. Ip. 57-22f213; Prit. p. 917; Grun. 1360p. 559; Hall;
 Carr. p. 112; R.E.D. p. 237; Eiden, 1371; Cl. 1330p. 53; Vega p. 476; Per.
 Pleur. p. 21-3f13; Per. p. 33; Del. S. p. 243; Del. S. p. 243; (Gyros. s.)---
 * v. *hyperborea*, Grun.-Cl. 1330p. 53-1177; Vega p. 476; Del. Syll. p. 245;
 Per. Pleur. p. 24-3f14; (Gyros. ten., var. h.)-
 * v. *subtilissima*, Grun.-Cl. 1330p. 53; Vega p. 476; Del. S. p. 245;
 Per. Pleur. p. 24; (Gyros. ten., v. subtil.)---
 TERRYANUM, Per. Pleur. p. 13-7f21; (Gyros. l.)--
 THUMII, Cl. Mss.; Per. Pleur. p. 17; (Donkinia.)--
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 THURINGICUM, Ralfs, Prit. p. 919; (Gyros.; -Navic.; -Pl. angulatum.)---
 TORTUOSUM, Cl. -N.L.K.D. p. 3-116; Per. Pleur. p. 9-2f12; Malaisie;
 Del. S. p. 233; (Pl. speciosum, var.)-
 TRANSVERSALE, S.B.D. 2p. 96; Grun. 1360p. 557; Carr. p. 112; Cl. 1333p. 229;
 Hall; Sm. Sp. 7. 415; Woll. 2, 213; (Gyros.; -Pl. latiusculum.)----
 * var. "b", lanceolata, Roper. -M.S. 1331p. 21-3f11; (Pl. lanceol.)--
 TRANSYLVANICUM, Part. 3p. -5294; (Gyros. acuminatum.)-
 TROPICUM, Grun. 1360p. 559-5f54; R.E.D. p. 241; Cl. 1330p. 73; Del. Syll.
 p. 257; Per. Pleur. p. 21-3f17; (Gyros. & P. speciosum, v.)-
 UMBILICATUM, Cleve Navic. p. 43-4f22;
 VALIDUM, Shab.-T. S. 1354p. 15-113; Prit. p. 913; Grun. 1360p. 131; R.E.
 D. p. 242; Petit Cat. p. 23; North. Cat. p. 39; Grevillea Vol. I, p. 91; Cl.
 1330p. 53; Malaisie; Villef. p. 54; Del. S. p. 245; (Pl. angustum & rigidum.)----

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- * var. *Nicobarica*, Grun. I353p. I01-Ia, f20; Malaisie; Grevillea, Vol. I, p. 92-6f5a, b; (Pl. Nic.)-
 VIRGINIANUM, A. J. Sm. Sp. I. No. 415; A. J. S. I. I371. I5; Atlantic Cit.; Wollé, 31f7: (Pl. Normannii.)
 VITREUM, Cl. I330p. I5, 60-4f73; Vega p. 476; Malaisie; Per. Pleur. p. 22-3f9; Del. Syll. p. 259; (Navicula v.)--
 WANSBECKII, Donk. -I. M. S. I353p. 24-3f7; Breb. D. C. p. 23; Prit. p. 917; R. E. D. p. 238; Carr. p. II2; Lagr. I373p. 50; Sm. Sp. I. No. 417; Malaisie; Cl. I330p. 53; Vega p. 476; M. T. P. 3-4-II; (Gyros.; -Pl. Balticum, "b".)----
 WEISSBLOGII, Grun. -Cl. Navic. p. 43; (Rhoicosigma.)--
 WORMLEYI, Sullivan. -A. J. S. I359p. 251; Prit. p. 919; R. E. D. p. 240; Lake Michigan; Cl. I330p. 59; Per. Pleur. p. 35; Del. Syll. p. 255; (Gyrosigma Kutzingii; -Pl. Spencerii.)---

PLEUROSIPONIA. - (Grevillea)

- AEQUINIS, E. -Mik. p. 133-I14; I353p. 33; Abh. Ber. I353p. 32; I370p. 53; Pl. 3-3f6; Prit. p. 915; R. E. D. p. 245; Del. Syll. p. 326; - (Navicula.)--
 AMPHISBANA, E. -Mik. p. 242; Abh. Ber. I353p. 315; I370p. 53; Pl. 3-3f4, 5; Mik. I353p. 33; R. E. D. p. 245; Del. Syll. p. 326; (Navicula.)--
 EULVA, E. -Mik. p. 212; Abh. Ber. I354p. 315; I370p. 53; Pl. 3-3f2, 3; R. E. D. p. 242; Del. Syll. p. 326; (Nav.)----
 GRACILIS, Rabh. E. D. p. 243; Abh. Ber. I353p. 203; I370p. 53; Del. S. p. 327; (Nav.)----
 LIBICA, E. -Mik. p. 199; A. Ber. I370p. 53; R. E. D. p. 245; Del. S. p. 327; (Nav.)
 OBUSA, E. -R. E. D. p. 243; Abh. Ber. I370p. 53; Del. Syll. p. 327; (Nav.)
 PLOMICENTERON, E. -Mik. p. 153; I353p. 33; Abh. Ber. I370p. 59; Pl. 3-3f1; R. E. D. p. 243; Del. Syll. p. 327; (Nav.; -Stauroneis.)-

PLEUROSIRA. - (Grevillea)

- BAILEYI, Grun. A. J. S. p. 393; (Mik.)--
 THERMALIS, Grun. A. J. S. p. 391; - (*Odontella polymorpha*) (Ceratium; -Mik.)--

PLEUROSIA. - (Grevillea)

- , Deloni, Oss. Bac. I390p. 393; -, Pfitzer p. 57;
 ACUTUM, Rabh. A. J. S. p. 341, 347 s10; Blensch, I353; Grun. I353p. 24-I, I" B": 2f13; 3f5; R. E. D. p. 240, f2; Grun. I353p. I01; Cl. Nav. p. I50; M. T. P. 3-4-22, 23; Del. Syll. p. 222; (Stauroneis J.)
 * v. *maxima*, Grun. I353p. I01;
 FRAUENFELDIANUM, Grun. I353p. 20, I01-I113; Grevillea Vol. I, p. 41-2f I3a-a; M. T. P. 3-6-I; Cl. & M. No. 99; Malaisie; Del. S. p. 223; Cl. Navic. p. I50; (Stauroneis.)--
 FULMEN, E. -Grun. I353p. I01; Del. S. p. 223; Cl. Nav. p. I50; (Stauroneis.)
 JANISCHII, Grun. I353p. 33; Del. Syll. p. 224;
 JAVANICUM, Grun. I353p. 20, I01-I114; Cl. & M. No. 99 s1; Grevillea Vol. I, p. 41-2f14; Malaisie; M. T. P. 3-6-2; Del. Syll. p. 224; Cl. Nav. p. I50; (Stauroneis J.)----
 LEGUMEN, E. -Rab. E. D. p. 259; J. R. C. I394p. 366; Delogne; Del. S. p. 222; Cl. Navic. p. I49; (Stauroneis J.)
 * v. *maxima*, Grun. I353p. I01; Del. Syll. p. 223;

diluviana, Cl. - J. Q. B. 1885 p. 174-13 f 16.

argus, Linn., 1878 p. 35.

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- v. *carta*, Rabh. E. D. p. 259: (Stauroneis Smithii.) ---
 v. *gracilis*, Rabh. E. D. p. 259: (P. lineare.) ---
 LINEARE, Hilse 1350p. 33; Rabh. Krypt. Fl. p. 43; Alp. Ent. No. 1161;
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 TUMIDULUM, Grun.-Cl. & M. No. 261; Del. Syll. p. 224;
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 Del. S. p. 224: (Stauroneis.) --
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- PETASIFORMIS, Pant. 2p. 33-23f403, 405; Del. Syll. p. 350: (temialus.)

PODISCUS. - (Bailey, 1847)

- ROGERSII, Bailey. - A. U. S. 1343p. 133-311, 2; 1345p. 224; - (Cl. 7, & 11, 12, 13)
 " var. *Septenaria*, Bailey ? (K. S. G. p. 135)

PODOSTIS. - (Bailey, 1847)

- ADRIATICA, K. B. p. 62-713; 5063; K. S. A. p. 26; Bailey & M. L. K. D. p. 116;
 p. 772-4f10; Grun. 1352p. 437-10f13; Cl. 1. 73; 1351p. 13; 1353; 7. 2.
 D. p. 60, f14; Sm. Sp. T. No. 413; M. T. P. 2-4-14; Cl. 1373p. 12; V. A. T. 366;
 Pant. p. 33; Villot. p. 33; Wille, 5f19; Del. Syll. p. 501; V. A. S. p. 563;
 (Coryth. elegans; -Ephyllod. sp. 2011at.; -Sm. A. & ovalis; -P. A. A. 1351.)
 AMERICANA, Bailey. M. S. p. 11, 133; S. O. 1. 2, p. 101; Wille, N. & S. S. p. 71;
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 Doryphora elegans; -P. Adriatica.) --
 AUSTRALICA, Witt. - J. M. G. 1373p. 70-3f10; Heaw. 1373p. 57, 125; Del. S. p. 602: --

PODOSTIS. - (Bailey, 1847)

- JAMAICENSIS, K. B. p. 51-2f7; Meneg. A. N. D. p. 337; K. S. A. p. 26; Grun. 78p. 34;
 Prit. p. 315-12f33; H. D. 1. 13f13; R. A. G. #2489; (Lysibonina conilliformis.) -

PODOSIRA. - (Bailey, 1847)

- , Amer. Natur. 1869p. 510-13f25;
 --, A. S. Atlas 140f3-10, 13, 14, 16;
 --, Meneg. A. N. D. p. 333;
 ADRIATICA, ~~Grun.~~ - Men. A. N. D. p. 333; K. S. A. p. 26; V. A. S. p. 1. 34f20;
 Villot. p. 79: (P. A. A. 1351; -P. A. A. 1351; -P. A. A. 1351, V. A.)
 AMBIGUA, Grun. - J. R. M. S. 1879p. 639-2f14; Cl. 1330p. 113; Vapa p. 510;
 Del. Syll. p. 1363; ~~Grun.~~ Cap. Horn. (Hyalouiscus stelliger, Grun.) --
 v. *Kamtschatica*, Grun. - Cl. 1330p. 119; Del. S. p. 1363;
 ARCTICA, Grun. - Cl. 1330p. 113; Del. S. p. 1363: (Hyalouiscus.) --
 BALDOICKIANA, Grun. - Atlas 130f40; 133f11; Bot. Cbl't. 1333p. 324;
 Pant. 2p. 30; Del. Syll. p. 1364;
 BORYANA, Pant. 2p. 31-25f352; Del. S. p. 1364;
 COMPRESSA, West. - L. M. S. 1350p. 150-7f11; Prit. pp. 315, 933-3f34; R. E. D.
 p. 37; Shark River; Del. S. p. 1365; (Druidgea c. & geminata.) ---

7 glacialis, Cl. R.S.A. Rep. '96 p. 12-2 f. 17-20: Cl. 1897 p. 24

+ Stomacides, K. - Petit, Cap Horn: Fatm. D.M. p. 27:

" v. minima, Gn. - Oestrup 1897 p. 346: - (P. minima.)

" v. Montagnei, K. - Oestrup 1897 p. 346: - (Pod. Mont.)

+ maerum, Petit, Cap Horn.

1. Montagnei, P. T. T. Cap H.

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CONSTRICTA, Pant. 3pl. 33f47³; 36f506; Det. S. p. 1365; -(Melos. Borreri, v.)-

COROLLA, A. S., Atlas 140fII, 12:

DELICATULA, Grun. -V. H. S. pl. 34f19-21; T. No. 456; Det. Syll. p. 1364;

Italy:

(P. Adriatica, v.)----

DUBIA, K. -Grun. -V. H. S. pl. 34f13, 14; Det. S. p. 1364:

(Melosira.)

FABIGERII, Grun. -V. H. S. pl. 34f22-24; Det. Syll. p. 1364;

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D. p. 1. 3f40; Breb. D. C. p. 1. 8; Prit. 1351p. 1. 13f45; 1351p. 3f5-2f16; Carr. p.

9I; Adairson 1351p. 396; Mill; Grun. 1351p. 23; 1373p. 33f1. 6. 7. 1. 37,

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250; Sm. Sp. T. No. 419; J. R. M. S. 1379p. 539-21f7; Italy; V. H. S. pl. 34f13;

Cl. Nares; 1380p. II3; Vega pp. 439, 502; J. R. C. 1337p. 37; Perap. p. 77;

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(Cyclotella Scotica; -hyalodiscus; -Melosira; -P. minima, moniliformis, nummuloides; -Trochiscia moniliformis.)-

v. Adriatica, K. -Cl. Vega p. 439:

(P. Adri.)---

v. glacialis, Grun. 1334p. 188-5f32; Det. S. p. 1362; ^{new} 1897p. 346;

v. Groenlandica, Grun. 1334p. 188; Det. Syll. p. 1362;

v. maxima, Grun. -Breb. & T. p. 73;

(Hyalodiscus m., var.)----

v. Scotica, V. H. S. pl. 34f4-6:

(Hyalod. Sc.)---

HUNGARICA, Pant. 2p. 3I-9f156, 166; Det. S. p. 1364;

KURZII, Zeller. -Journ. Asiatic Soc. Bengal, Vol. 42, 1. 2:

Det. S. p. 1364; Law. Vol. 12, p. 133:

LAEVIS, Greg. -M. J. 1359p. 35-6f15-17; Prit. p. 315; Carr. p. 9I:

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R. S. p. 69; Carr. p. 9I; Mill; R. A. D. p. 37; Schm. A. D. p. 1. 3-3f40; O'M. I. D.

p. 250-26f5; Deby Pol. p. 20; Sm. Sp. T. No. 420; V. H. S. pl. 34f13-15; Cl. Nares

p. 510; Italy; Breb. & T. p. 73; Wolle, 59f11, 13; Det. S. p. 1365; ^{new} 1877p. 211;

(Cyclot. Scotica; -hyalodisc. radiata, var. -hyalodisc. radiata; -Melosira.)-

MAXIMA, Grun. -1373p. 35; A. S. H. 1373p. 102; J. R. M. S. 1379p. 533-21f5;

Sm. Sp. T. No. 421; Cl. 1330p. II3; Vega p. 439, 502; J. R. C. 1337p. 37; 1364,

p. 13-4f2, 3; Det. Syll. p. 1362; -(A'ejelis. intermetalis; -Cyclotella.)--

var., Grun. in J. R. M. S. 1379p. 1. 2f4;

v. Californica, Grun. -Cl. 1380p. II3; Det. S. p. 1362;

MINIMA, Grun. -V. H. S. pl. 34f7, 8;

(P. hormoides, v.)

MONILIFORMIS, L. -Ach. Bot. 1340p. 131; Ann. p. 1. 1-3f34; -(P. moniliformis.)---

MONTAGNI, K. B. p. 52-29f35²; K. S. A. p. 26; S. B. D. 2p. 53-49f237; Grun. 1351p.

1. 18; Verm. p. 37f2; Prit. p. 315-3f51; Grun. 1351p. 27; 1373p. 33f1. 6. 7. 1. 37,

E. D. p. 37; Lewis, N. & R. S. p. 63; Carr. p. 9I; Roper, Thores; Adairson 1351p.

p. 396; O'M. I. D. p. 250-26f5; Sm. Sp. T. No. 422; Italy; V. H. S. pl. 34fII, 12;

T. No. 455; Cl. 1330p. II3; Vega p. 439; Perap. p. 77; Villef. p. 79; Wolle,

59f17, 13; Det. S. p. 1361; (Melosira; -Mel. a Rosaria (Lam.) v.)----

v. minor, Grun. -V. H. S. pl. 34f19, 10; Villef. p. 79:

NUMMULOIDES, L. -Ach. Bot. 1340p. 133; Ann. p. 1. 1-3f34;

Grun. 1368p. 27; Petit, Nimrod; M. T. P. 3-5-16;

(hyalodiscus, Melosira & P. hormoides; -P. moniliformis.)

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OLIVERIANA, O'M.-V.H.S.pl.II3f5; Det.Syll.p.I335;
(A'eyelus.; -Micropodiscus; -Coscinodiscus leptodisc.)---
OOPHORA, E.-Mik.p.233; Det.S.p.I335;
ORELII, Grun.I864p.42-5f3I; Det.S.p.I335;
ROBUSTIA, Pant.2p.3I-I6f270,27I; Det.S.p.I334;
ROTUNDATA, Perap.-LeD.No.9,p.I03; (Diatoma.)---
SIADBOLDTIANA, Grun.I360p. -IOfI2; (Liem.erythroea.)---
SMITHIANA, Grun.-Schm.N.D.p.74-3f27; Det.S.p.I335;
SPHAERICA, Bn.-LeD.Vol.2No.22,p.242-I9fI4;
SPINO-RADIATA, Bn.-Brun & Tem.p.49-4fI0; Det.S.p.I335;
STELLULIFERA, Grun.I373p.33; J.R.M.S.I370p.330-2f33;
Wolle,59fII; Det.Syll.p.I333;
' v.sublaevis, Grun.-V.H.S.pl.84f25;
SUBSPIRALIS, Grun.-Pant.Ip.43-27f23I; Det.I333p.33I; Det.S.p.I333;
TRANSYLVANICA, Pant.3p. -39f542; Det.S.p.I335;
VARIEGATA, A.S.,Atlas I40f3; Wolle,69f3;
' var., A.S.,Atlas I40f4-6;
' v.Sphaeroides, J.R.M.S.I370p.330-2f33; Det.I392p.43-2f33;

POCOSPATENIA. -- (Chrysomelidae)

-, Bailey, A.J.S. 1842p.5-3f3; Pfitzer p.125;
 -, Del.Oss.Bac.1890p.907; -, Meneg.A.N.O.p.452;
 ABREVIATA, E.-Inf.p.214-1707; R.E.D.p.293;
 (Gomphonema a. & brevipes; -Lichophora; -P.cuneata & Lyngbyei.)---
 ANGLICA, Rabh.E.D.p.297; Perag.p.73;
 ANGUSTATA, Grun.1862p.347-3f20; R.E.D.p.297; Fortm.Cey.p.55;
 Cl.1873p.15; Fortm.D.M.p.23; (Lich.Ehrenbergii, var.)--
 AUSTRALIS, K.-Rabh.E.D.p.297; (Lich.a. & paradoxa, var.)
 BAILEYI, Edw.-Lewis, N. & R.S.p.37-2f13; Sm.Sp.1.423;
 Wolle, 39f1, 2; (Lich.B.)
 BOREALIS, K.-Rabh.E.D.p.297;
 CAPENSIS, Grun.1862p.347-3f18; R.E.D.p.297; Sm.Sp.1.No.424;
 (Lich.Lyngbyei, var., & C.)---
 COMMIS, Grun.1862p.347-3f18; R.E.D.p.297; Sm.Sp.1.No.424;
 Perag.p.73; (Lich.; -Echinella cuneata & paradoxa.)--
 v.elongata, DeNot.; -Erb.Crit.Ital.No.1489; Hedw.Vol.2, p.72;
 CRATICULA, Montagne.-R.E.D.p.293; (Rhipidophora.)-
 CRYSTALLINA, K.-Rabh.E.D.p.297;
 CUNEATA, E.-Inf.p.214-7f3; Mik.p.15; Prit.p.739-13f13b; R.Alp.Bu.No.
 39f; Carr.p.73; Hedw.Vol.2, p.72; weisse G.p.307; Grun.1862p.5; R.
 E.D.p.297; (Frustulia c. & Lyngbyei:-
 Lich.surgensii; -P.abreviata, Ehrenbergii, Lyng.; -Styliaria; -Styloph.)
 DUMETI, K.-R.E.D.p.293; Fortm.D.M.p.24; (Lichophora.)--
 ECHINELLA, K.B.p.120-3f17; 24(1)13; R.E.D.p.110; Prit.p.739;
 Grun.1862p.343; R.E.D.p.293; Sm.Sp.1.No.423; (Lich.)---
 EHRENBURGII, K.B.p.121-9f13; 24(1)14; R.E.D.p.110; Prit.p.739;
 Grun.1862p.343; R.E.D.p.293; Sm.Sp.1.No.423; (Lich.)---
 ELYSIENSIS, K.B.p.121-9f13; 24(1)14; R.E.D.p.110; Prit.p.739;
 Grun.1862p.343; R.E.D.p.293; Sm.Sp.1.No.423; (Lich.)---
 FORTM. D.M. p.23; (Lichophora; -P.cuneata.)

...
 CINGATA, Grun.-Hedw.Vol.6p.2; R.E.D.I.293; *Fortm. Dm. p. 28*
 (Rhipidophora; -Gomphonema tinetum.)---
 ERYTHROEA, Grun.I362p.347-IOfI2; R.E.D.I.297;
 GRACILIS, E.-Inf.p.211-1713; K.B.I.121-9110(1); V.S.A.I.110; Prit.p.769; Cole, Essex; S.B.D.I.33-24f229; Desmaz.2, No.115; Prit.p.
 769-IOfI33; R.320.Exs.No.79; Grn.I361p.244; R.E.D.I.293; Sm.Sp.T.
 Nos.426, 427; Cl.Nares; (Echinella striata,
 stricta, ventilatoria; -Lic.anglica, c! & tenuis; -P.tenuis.)-
 "var." minor, K.B.I.121-9110(1), II, V.S.A.I.110;
 Prit.p.769; (Lic.anglica, v.)---
 GRANOS, E.-R.E.D.I.293:
 NYALINA, K.B.p.121-9119, IO(2); V.S.A.I.110; Prit.p.769-13f16;
 R.E.D.I.293; (Lic.h. & tineta.)
 "var." racemosa, K.B.I.121-9112; V.S.A.I.110; S.B.D.I.33-24f229; Prit.p.
 JURGANSII, K.B.I.121-9112; V.S.A.I.110; S.B.D.I.33-24f229; Prit.p.
 769; Grn.I362p.348; Rabh.Al.E.No.1423; R.E.D.I.297; Cl.I363p.223;
 Eisen, I371; Sm.Sp.T.No.423; Prit.p.769; *Fort. Dm. p. 24*
 (Ernst.Lyngbyi; -Lichophora; -Sticticia concolor.)
 LONGISSIMA, Fortm.Cey.p.54-5f6I;
 LYNBYEI, K.B.I.121-9110(3); IOI, 2; V.S.A.I.110; Prit.p.769-13f16;
 S.B.D.I.33-24f227; R.E.D.I.293; R.320.Exs.No.79; Grn.I361p.244;
 71; R.E.D.I.297; Petit Class.I.25; V.U.S.1377; I.13/12; Prit.p.769
 (Lichophora; -Echinella, cristata, P. & Sticticia concolor;-
 P.abbreviata & Ehrenbergii.)- *Fortm. Dm. p. 28*; (Lic.M.)
 MENEGHINIANA, K.-R.E.D.I.293:
 NEUMAYERI, Jan.-Sm.Sp.T.No.697:
 NANA, E.-Inf.p.215-1713; Mil.119.11f152-a; III 112, 113; *Fort. Dm. p. 28*
 Prit.p.769; *Mon. Rev. 1836 p. 58*; (Gomph., facile.)----
 NUBECULA, K.-Rabh.E.D.p.293:
 OCEANICA, K.-Rabh.E.D.p.293; Eisen, I371; (Loc.)----
 OCULATA, Hassall Alg.p.425-IOOf9; (Saricella ovata.)--
 OEDIPUS, K.-Rab.E.D.I.293; (Lic.)---
 OVATA, S.B.D.Ip.33-24f226; Prit.p.769; Grn.I362p.347; Cl.I.363p.223;
 R.E.D.I.297; Cl.I363p.223; I373.15; Perag.p.73; (Lic.)
 PARADOXA, R.E.D.p.293; R.320.Exs.30; Cl.I363p.223; Eisen, I371;
 Perag.p.73; *Fort. Dm. p. 24*
 PAPPEANA, Grn.I363p.123-1411; I363p.15; Eisen, I371; R.E.D.I.297;
 wolle, 22f26, 27; (Lic.ghiesbreghtii, var. x f.)-
 POPULA, E.-Abh.Ber.I345.129; I351p.313; Mik.11.4-3179; 5-II4; *Fort. Dm. p. 28*
 III 177; 13-3149; 33-IIIII; Eisen, I371.276-1111; Mil.119-2113;
 Prit.p.769; R.E.D.p.297; (Gomphonema; -Meridion.)----
 REMULUS, Grun.-Hedw.Vol.6p.2; (Lic.)---
 SHADROTTIANA, Grn.I362p.10f11; Malaisia; (*P. erythroa*)
 SUPERBA, K.-Rabl.E.D.I.293;
 TINELLA, K.-Rab.E.D.p.293:
 TENNIS, K.B.I.121-30f51; V.S.A.I.110; Prit.p.769; R.E.D.I.293;
 Grn.I362p.348; Cl.I363p.223; (Lic.-P.gracilis.)--

Polyceratum.

Castro, 1886. -?

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TERGESTINA, K.B.p.120-3f13; K.S.A.p.110: Prit.1.759; R.E.D.1.296; ~~1.349~~
TINCTA, Petit Cat.p.33: Peraq.1.73: (Gomphonema; -Lichophora.)--

POLYMIKOS. -- (Bridgman, 1900)

CORONALIS, L.W.B.-B.J.M.H.I36I_I.24I-2f55-59; Sm.S_I.7.No.249; Cl. $\propto$ M.No
60; H,T,P,4-I-I; V.O.S., I.I2214; Aclia: I.12-4; Scl.Sy.I.I.1896
(P,^{Ma}nyl.)---

JOHNSON I., ?; Del. S. p. 1394;

MAURY I, (P. coronalis.)----

PULCHELLUS, Grun.-V.H.S. #1245; - Det. S.p. 1393; (*actinop. p. 106*)?

FLOS-MARINAE, Bn.-Det. Syll. p. 1393; (Actinoptychus.)---

PONTICELLA. -- (1874)

CASPIA, n. - Abh. Ber. 1872 p. 181-12 f. 17; Del. Syll. p. 1425: (Eunotia.) -

DENDROPHILA, E.-Abh.Ber.1843¹pl.9; -K.S.G.p.12; Prit.p.325;
Abh.B.1872¹pl.20, f21-25; Deby D.T.: (Melosira Roesenana, v. sp. n.) -

OCTONARIA, E. -Mik. p. 311;

RADIATA, E. - Mik. p. 348:

UNDENARIA, E.-Mik.p.3II:

PORODISCUS. - (Dec. 3, 1863. -

- , Rabh.E.D., 35; - , Del.Oss.Bac., 916;

CALICYFLOS, Brun & E.p.50-4fII; Det.S.p.II98;

Atlas I53f8,9: (Pyrgoniscus.)?

CONICUS, Grev.-T.M.S. 1853p. 65-413; Rattr. Rev. p. 675; : Del. S. 1. II 97:

CORNIGER, Bn.-LeD.Vol.2No.22p.242-I9f15:

ELEGANS, Grev. -T.M.S. 1363p.64-4f I; Rattr. Rev. p.673;

Det. S. p. 1196: (Craspedoniscus.) --

HIRSUTUS, Gro. & St. - J. Q. C. 1837 p. 143-144⁵⁴; Rattr. Rev. p. 375;

Atlas 153f10, II; Det. S. p. 1197:

INTERDICTUS, GRO. & S. - J. J. C. 1077.07-513; 1100 1000.10-3022, 74301.

Rev. 1.575; Atlas 133fII; C.A.S.p. 1193: (Clasificación) 012.010.011.1--

MAJOR, Clev.-T.M.S. 1860p.34-412; 1863p.45; Ratt.Rv. 1. 375; 1864. 1. 1130

v.densa, Rattr.Rev. 1.672-3f17; Det.S.p.II97:

MYIDUS, Grev.-T. N. S. 1866: 35-46; Natl. Rev., 1871; Det. S., 1896;

* v. armata, Rattr. Rev. p. 672-3f I7; Det. Syll. p. II95:

ORSONGUS, Grav.-1. 1.9.1850. 55-4415; n. & O. 2. 2-350; 18612, Rev.

p. 874; DeT. S. p. 1197: (Craspedoniscus.)--

OVALIS, Grev. - *J. L. S.* [1863]. - 4: 15: (error - should be "July 1863") -

OVALIS, Part. 2p. II6-23f343'

SPINIFERUS, Rattr.Rev.p.874-3f19, Del.S.p.II96:

SPURNOUS, Grey.-7.0.9.13571.43-517; max 0.24.1-317; 1000000. Rev.

p. 371; Det. S. F. 1195: (Craspedoniscus ovalis.)--

V. marginata, Ratt. Rev. p. 672; Det. S. p. II 95: - (*Craspedoniscus ovalis*.) -

STOLTERHOFF, *Castr.* I.337 p. I.39-I.2f8; *Rattr.* R. p. 374; *Del. Syll.* f. II93:

Protonema.

P. thermale, Meneg. - Pediculus p. 7 - 1 f. 35, 36 - (*Denticula*
elegans, v. *valida*.)

Psammamphora.

Subgenus *Amphorae*: Vide al. 2 p. 132: - 1893.

SPLENDENS, E.-Abh. Ber. I 843 p. I 36: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Del. Syll. p. 312;
SUBULATUS, E.-Abh. Ber. I 843 p. I 36: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Del. S. p. 312;

PORPEIA. -

INFLEXA, A.S., Atlas I 42 f 53;
ORNATA, Grev.-T.M.S. I 865 p. 53-6 f 21; Del. Syll. p. 394;
QUADRATA, Grev.-T.M.S. I 863 p. 65-6 f 20; V. u. S. pl. 95 b, f 15;
Wolfe, 63 f 33; 93 f 17-17; Del. Syll. p. 393;
QUADRICEPS, Bailey Mss.; Prit. p. 350; T.M.S. I 865 pp. 52, 100-6 f 13, 19;
3 f 13; R.E.D. p. 315; Atlas I 42 f 46-57; Wolfe, 63 f 25, 30;
Del. Syll. p. 393: (temiaulus.)--
" v. clavulata, E.-V. u. S. pl. 95 b, f 12; Del. S. p. 393: (Bida. c.)----
" v. intermedia, Gran.-V. u. S. pl. 95 b, f 13, 14; Del. S. p. 393;
" v. sectilis, Bn.-LeD. Vol. 2 No. 22, pl. 24 f 18: (temiaul.)
ROBUSTA, Witt I 883 p. I 3-3 f 23; Del. Syll. p. 394;

PRITCHARDIA. - (Kütz., 1853)

INSIGNIS, Rabh. E. D. p. I 63: (Nitzschia.)
SCALARIS, Rab. E. D. p. I 62: (Nitzschia; -Syndura.)
" v. gigantea, R.E.D. p. I 62: (Nitz. scal. var. "b".)
" v. major, R.E.D. p. I 62;
SMITHII, R.E.D. p. I 63: (Nitz. s. & spectabilis.)
VIRGATA, R.E.D. p. I 63: (Nitzschia)

PSEUDO-AMPHIPRORA. - (C. Ag., 1847)

CRUCIFIX, Temp. & Bn.-Cl. Navic. p. 71: (Navicula c.)--
decora, Grev.-Cl. Nav. p. 72: (Stauroneis u.)
IMPLETA, Cl. & Gro.-Cl. Nav. p. 71: (Nav. i.)
JUGATA, Cl. Nav. p. 71: (Nav. u.)
" v. Pensacolae, Cl. Nav. p. 71: (Nav. P.)
POLYGONA, Bn.-Cl. Nav. p. 71: (Nav. l.)
STAUROPTERA, Bailey - Cl. Nav. p. 71 cum icone: *Staurup* 1897 p. 312:
(Amphora; -Amphiprora Lepidoptera, octusa, f. f.)

PSEUD-AULISCUS. - (C. J. Ag., 1847)

-, A.S. Atlas I 49 f 10;
-, De Toni Oss. Bac. I 390 p. 917;
AMBIGUUS, Grev.-J.R.M.S. I 833 p. 900: Del. Syll. p. I 065: (Auliscus.)
" v. major, Rattr. Rev. p. 901-15 f 1: Del. S. p. I 065;
" v. multiclava, Grev.-Del. Syll. p. I 065;
ANCEPS, Rattr. Rev. p. 907-15 f 4: Del. S. p. I 069: (Aul. Grovei.)--
BRUNII, Pant. 2 p. 100: 3 pl. 26 f 337; Del. S. p. I 069: (Aul. trilinaris.)---
DEBYI, Fortm. Cey. p. 64-3 f 75; J.R.M.S. I 833 p. 902; Del. S. p. I 069;
DIAPHUSUS, Rattr.-J.R.M.S. I 833 p. 907; Atlas I 25 f 10; I 49 f 5; 2 ex 122
Del. Syll. p. I 063:
ELABORATUS, Ralfe.-J.R.M.S. I 833 p. 905: Del. S. p. I 070: (Auliscus.)-

0000000000000000

- GRANULATUS, Pant. 3p. -10f173; Det. Syll. p. 1073;
 HIRSUTUS, Rattr. -J.R.M.S. 133p. 901-15f7; Det. S. p. 1068;
 JOHNSONIANUS, Grev. -J.R.M.S. 133p. 905; Det. S. p. 1071: (Auliscus.) -
 " v. blanda, Rattr. -J.R.M.S. 133p. 905; Det. S. p. 1073;
 LETONENSIS, Jan. -Atlas 67f14; J.R.M.S. 133p. 906; Det. S. p. 1068;
 LETOURNEURII, Br. -Det. Syll. p. 1071: (Auliscus.)
 LEUDUGERII, Perap. -Det. S. p. 1069: (Auliscus.)
 LUMINOSUS, Br. -Det. S. p. 1065: (Auliscus.)
 NEBULOSUS, Fortm. Cey. p. 64-8f74: (Eupodiscus.)
 NEBULOSUS, Grev. -Rattr., J.R.M.S. 133p. 904; Det. S. p. 1072: -Auliscus.) ---
 NOTATUS, Grev. -Rattr., J.R.M.S. 133p. 901; Det. S. p. 1066: (Auliscus.)
 ORNATUS, Grev. -Rattr., J.R.M.S. 133p. 904; Det. S. p. 1073: (Auliscus.)
 PERUVIANUS, Grev. -Rattr. -J.R.M.S. 133p. 902: Atlas 32f29; Det. S. p. 1066:
 (Auliscus (& Eupodiscus) P. & radiatus.) ---
 " v. spinosa, Rattr. -J.R.M.S. 133p. 903; Det. S. p. 1067;
 " v. tener, Rattr. -J.R.M.S. 133p. 903; Det. S. p. 1067;
 PETITII, Fortm. Cey. p. 64-8f76; J.R.M.S. 133p. 906:
 Det. Syll. p. 1071: (Eupodiscus obscurus.) --
 PULVINATUS, Cl. -Rattr., J.R.M.S. 133p. 906; Pant. 2, p. 100:
 Det. S. p. 1071: (P. Rattrayii; -Auliscus.) -
 " forma apiculata, Pant. 2, p. 100: (Auliscus p., var.)
 " forma incerta, Pant. 2, p. 100: (Auliscus p., v.) --
 RADIIUS, Bailey. -Atlas 32f23; Cl. 133p. 73; J.R.M.S. 133p. 902; Det.
 Syll. p. 1066: Atlantic City; Woll. 34f6: (Eupodiscus, Bailey.) -
 RAUFSIANUS, Grev. -Rattr., J.R.M.S. 133p. 903; Det. S. p. 1067;
 (Aulisc. cellulosus & R. -Eupodisc. Barbadoensis; -Cerataulus Pacificus.)
 RATRAYI, Pant. 2p. 100-20f511: (P. pulvinatus.) -
 ROTATUS, Rattr., J.R.M.S. 133p. 907-16f7; Det. S. p. 1073;
 SCHMIDTII, Pant. 2, p. 100-14f240: (P. trigemmis.) --
 SPINOSUS, Christian. -J.R.M.S. 133p. 904; T.B.C. Vol. 16p. 73-92f2;
 Det. S. p. 1063: (Aulisc. Webigerii & spinosus.)
 TETRAOPTHALMUS, Cleve Mss.; J.R.M.S. 133p. 901-14f10; Det. S. p. 1072:
 TRIGEMMIS, A.S. -Rattr., J.R.M.S. 133p. 905; Det. S. p. 1070: -(
 (Auliscus; -P. Schmidtii.)
 " v. robusta, Br. -Det. Syll. p. 1070: (Aul. robust.) --
 TRILUNARIS, Br. -Det. Syll. p. 1071: (Auliscus t.) --

PSEUDO-CERATAULUS. - (Pant., 1890)

- KINVERI, Pant. 2p. 93-30f425; Det. Syll. p. 1073: - (Auliscus operatus.) ----
 KOCHII, Pant. 3p. -8f37; Det. S. p. 1079;
 TEMPEREI, Pant. 2p. 93-24f360; Det. S. p. 1079;

-PSEUDO-COSCINODISCUS. - (Pant., 1890)

- LABYRINTHUS, Grun. -V.H.S. pl. 111f9: (Triceratium l.)
 PILEATUM, Grun. -V.H.S. pl. 112f3; (Tric. p.) -

PSEUDO-DICTYONEIS. - (Pant., 1890)

- HUNGARICA, Cleve. -Pant. 3p. -1f3: (Dictyoneis?) --

Pseudo-epithemia.

Cleve, 1880. -

+ hemicyclus, Gr. - V.H. Pl. 3523.

COMMUTATA, Cl. in litt.; LeD. Vol. I, p. 16: (Dietyoneis marginata.)--

PSEUDO-EUNOTIA. - (Grun., 1834)

- ALPINA, Naeg.-Det. Syll. p. 303: (Synedra.)-
 ARCUATA, Naeg.-Det. S. p. 309: (Syn.)---
 BICURVATA, Biene.-Det. S. p. 310: (Syn.)
 BICEPS, E.-Det. S. p. 311: (Eunotia.)
 DEPRESSA, Schm.-Det. S. p. 311: (Ceratoneis.)--
 DOLIOLUS, Grun. 1835 p. 7; Cl. Vesp. p. 513; Det. S. p. 310:
 (Eunotia; -Hirantidina; -Synedra.)-- 704 f. 24-25
 FLEXUOSA, Breb.-Det. S. p. 309: (Syn.)
 " v. bicapitata, Naeg.-Det. S. p. 310: (Syn.)
 HEMICYCLUS, Grun. V. H. S. pl. 246; Det. S. p. 310: (Eunotia) (det. 2 p.)-
 LUNARIS, E.-Det. Syll. p. 308: (Syn.)
 " v. bilunaris, K.-Det. S. p. 308: (Syn.)
 " v. cuspidata, Schum.-Det. S. p. 308: (Syn.)
 " v. minor, Schum.-Det. Syll. p. 308: (Synedra.)-
 PACHYCEPHALA, K.-Det. S. p. 309: (Eunotia.)-
 SCHUMANNII, Rabh.-Det. S. p. 311: (Ceratoneis.)--
 WIGANDII, Rabh.-Det. S. p. 311: (Synedra.)-

PSEUDO-PLEUROSIGMA. - (Grun., 1834)

ROTAEANA, Grun.-V. H. S. pl. 114 f. 17: (Navicula r.)

PSEUDO-RHIZALIA. - (Grun., 1834)

- , A. S. Atlas 183 f. 26: ----?
 MONILE, Grove & Sturt.-J. Q. C. 1836 p. 324-183 f. 7, 3; Notar. 1837 p. 349;
 Atlas 183 f. 24, 25; Det. Syll. p. 354;

PSEUDO-STEPHANODISCUS. - (Grun., 1834)

A Subdivision of "Coscinodiscus",
 Grun. 1834 p. 33 (35): ~~Pant. I, p. 75.~~ --

PSEUDO-STICTODISCUS. - (Grun., 1834)

- ANGULATUS, Grun.-Atlas 74 f. 26-30; 122 f. 16; Witt 1835 p. 29-3 f. 15;
 Pant. 2, p. 113: 29 f. 4102 (Biddulphia; -Stictodiscus.)---
 " var., A. S. Atlas 74 f. 24, 25;
 EULENSTEINII, Grun.-In V. H. S. - (Triceratium E)
 " v. irregularis, Grun., in V. H. S. pl. 110 f. 9: (Stictodiscus; -Tricerat.)

PSEUDO-SYNEDRA. - (J. Agardh, 1842)

- DEBYI, Fortm.-Annales Bot. Buit. 1892 p. 32-5 f. 3;
 PERAGALLI, Fortm.-Ann. Bot. Buit. 1892 p. 31-5 f. 2;

PSEUDO-TRICERATIUM. - (Pantoc., 1892)

CINNAMOMUM, Grev.-Pantoc. 2, p. 110: -(Nov. Gen. ?; -Coscinodiscus; -Tric.)----

apiculata, E. Abh. B. 1844; K. S. a. p. 22: - (Stephanopappi. 3)

Kutzing in litt., 1831; V. Syn. p. 31; -(Exilaria of Graville.)---

PYXODISCUS.---

- ACULEIFERA, Grun.-V.H.T.No.451: *J.de M.p.71:* (Pyxilla.)
 . var., Grun.-V.H.S.pl.83b,f5; T.No.451 sub; (Pyxilla.)
 DANICA, Grun.-V.H.S.pl.83b,f7,8: (Stephanoporia.)---
 KITSONIANA, Grun.-V.H.S.pl.83b,f9-11: "
 SPADA, Brun & Temp.p.80-117:
 SUBULATA, Grun.-V.H.S.pl.83b,f6: (Pyxilla s.)---

PYGODISCUS.-(O'M., 1867)

LINEATUS, O'M.-M.J. 1867p.233: Det.Syll.p.1425:

PYRGODISCUS.-(Kitt., 1885)

- ARMATUS, Kitt.-J.Q.C. 1885p.170-13f13; Atlas 9f3; 92f15, 18;
 Witt 1885p.30-3f7, 8; Det.Syll.p.1011:
 CALICYFLOS, Tp. & Bn.-Det.S.p.1011: (Porodiscus.)
 KINKERI, Pant.3p. -34f48; Det.S.p.1012;
~~KINKERI~~, Witt 1885p.30-3f3; Atlas 100f13, 14; Det.S.p.1011:

Simplex,

PYXIDICULA.---(Eh., 1863)

- , E., Mik.pls.33-3f21: 35A-20f6:
 -, Myn.A.N.D.p.366; -, London Clay:
 -, Bail., A.O.S. 1842p.33-212; (Dietyopyxis circinata; -P. major.)
 -, Ann.Soc.Belg. 1883 pl.4f2c;
 ACTINOCYCLUS, E. Aton. Ber. 1844p.35; Prit.p.325;
 .weisse 1854p.241-1f13; (Actinocyclus pyxia.; -Cyclotella.)-
 ACTINOPTYCHUS, E. Aton. B. 1844p.35; 19f16;
 (Mastogonia.)-
 ACULEATA, E.-A.Ber. 1844p.35; Mik.pls 18f124; K.S.A.p.21;
 (Mastogonia; -Stephanopyxis; -Xanthiopyxis.)--
 ADRIATICA, K.B.p.51-2f3; K.S.A.p.21; Prit.p.325-13f33; Cl. 1837p.332;
 Reinhard; R.E.D.p.34? Italy:
 (Coscinodiscus punctulatus; -Craspedodiscus & Melosira Franklinii; -
 Hyalodiscus stelliger; -Podosira a. & hormoides.)-
 ALATA, E.-Abh.Ber. 1844p.35; Mik.pl. 19f13b; K.S.A.p.23;
 .weisse 1854p.241-1f13; *(Xanthiopyxis)* ~~(Stephanopyxis)~~ ----
 > APPENDICULATA, E.-Abh.B. 1844pp.85-127; 1862 K.S.A.p.122;
 .weisse 1854p.241-1f17; (Xanthiopyxis.)
 AREOLATA, E.-Abh.B. 1844pp.35; K.S.A.p.22; Prit.p.325;
 Det.Syll.p.1149:
 ASPERA, E.-Abh.Ber. 1856p.428; Det.S.p.1150;
 COMPRESSA, Bailey M.O.p.40-2f13, 14; Prit.p.325; Sm.Sp.1.Nos.
 430, 431; wolle, 62f17; (Nitzschia punctata.)----
 CONSTRICTA, ²K.S.A.p.23; (Xanthiopyxis.)-
 COSCINODISCUS, E. ~~Abh.~~ B. 1844p.35; Mik.pl 39-3f101;
 (Coscinod. pyxidic.; -Craspedodiscus.)---

cruciata ~~Abh.~~ Ber. 184/p. 328:

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- CRISTATA, E.-Abh.Ber.1341p.35; 2641; K.S.A.p.22; Prit.p.325; wolle, 32f10; Det.Syll.p.II49; (Stephanopyxis.)--
- CRUCIATA, E.-Abh.Ber.1341p.35-7f; *mon.* 1341p.35-7f; Prit.p.325; Det.Syll.p.II49; (Coscinodiscus; -Dietyopyxis.)
- "var."b", Hellenica, Ralfs, in Prit.p.325; (Dietyopyxis & P.A.)--
- CYLINDRUS, E.-Abh.B.1341p.35; K.S.A.p.22; Prit.p.325; (Dietyopyxis; -Stephanopyxis.)
- DECUSSATA, E.-A.Ber.1342p.205; Prit.p.325; Det.Syll.p.II50;
- DENTATA, E.-Abh.B.1341p.35; K.S.A.p.22; Prit.p.325; Det.Syll.p.II49;
- DIADEMA, *2* K.S.A.p.21; (Xanthiopyxis.)--
- DISTANS, E.-Mik.pl.3-3f1; Det.S.p.II50;
- GLABRATA, E.-Abh.B.1341p.35; K.S.A.p.22; Prit.p.325; Det.Syll.p.II49; (Coscinodiscus.)--
- GIGAS, E.-Mik.pl.35-10f15; Prit.p.325; wolle, 32f10; Det.Syll.p.II49;
- GLOBATA, Bailey.-A.J.S.1342p.35-212; K.S.A.p.22; Prit.p.325-171 506-509; wolle pl.22f2-4; Det.Syll.p.II50;
- GLOBOSA, *(8)* K.S.A.p.23; (Xanthiopyxis.)--
- HELLENICA, E.-Abh.Ber.1340p.226; Mik.pl.19f13a; (Coscinod.; -Dietyopyxis; -P.cruciata,v.)
- HIRSUTA, E.-A.Ber.1344p.36; K.S.A.p.22; Prit.p.327; (Xanthiopyxis.)
- LENS, E.-*Mon.* Ber.1341p.35; K.S.A.p.22; Prit.p.325; wolle, 32f10; Det.S.p.II49; (Dietyopyxis.)--
- LIMBATA, E.-Abh.B.1341p.36; K.S.A.p.22; Prit.p.325; *mon.* 1341p.36; wolle, pl.32f8; (Stephanopyxis.)
- LONGA, E.-Abh.Ber.1341p.36; K.S.A.p.22; Prit.p.325; Det.Syll.p.II49;
- MAJOR, Bailey, A.J.S.1342p.35-212; K.S.A.p.22; Prit.p.325; Det.Syll.p.II49; Breb.D.C.1.8; Prit.p.325; M.C.1.19f15; A.J.S.1342p.35-212; Det.Syll.p.II49;
- MEDITERRANEA, Grun.-V.1.9f117,15; 16f15; Det.Syll.p.II50;
- MINOR, (Baill.)-K.D.1.5f1-1125; K.S.A.p.22; Det.Syll.p.II49; C.1.8; Schen.1341p.15; Det.Syll.p.II50; (Coscinodiscus; -P.cruciata,v.)
- MINUTA, Grun.1334p.42-5f6;
- NAEGELI, K.S.A.M.339; Prit.p.325; R.E.D.p.34; Det.S.p.II49;
- OBLONGA, E.-K.S.A.p.23; (Xanthiopyxis.)--
- OCULUS-CHAMELEONTIS, E.-Abh.Ber.1341p.35; (Mastogonia.)--
- OPERCULARIA, E.-Abh.B.1341p.35; Det.Syll.p.II49; Mik.pl.15-1f48; A.J.S.1342p.35-212; Prit.p.325; (Coscinodiscus; -P.cruciata,v.)
- PRAETEXTA, E.-Abh.Ber.1344p.36; Mik.pl.19f15; K.S.A.p.22; Prit.p.325; Det.S.p.II49; (Mastogonia.)--
- PRISCA, E.-Int.p.15; Mik.pl.30f42; 37-715; Prit.p.325; Det.Syll.p.II49;
- RADIATA, Grun.-J.C.S.1341p.35-1f; Det.Syll.p.II49; (Coscinodiscus.)--
- SCYRAPHIUS, E.-Ralfs, Prit.p.325; Det.Syll.p.II49; (Dietyopyxis.)--
- SUBTILIS, E.-Det.Syll.p.II50; (Dietyopyxis.)--
- URCEOLARIS, E.-*Mon.* Ber.1344p.36; K.S.A.p.22; Prit.p.325; wolle, 32f19; Det.Syll.p.II50; (Dietyopyxis; -Xanthiopyxis.)--
- WEISSEANA, Grun.1334p.35; Det.Syll.p.II49; (St'pyxis.turnis,var.)--

+ baltica, Hensen, Fünft. Ber. Komm. Kiel 1882 p. 87-5f33: - (*Guinardia* f.)

7 rotundata, Hensen, - 5th Ber. de Komm. in Kiel p. 88:
ce. 1897 p. 20: - (*Cerataulina Bergonii*).

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WEIPRECHTII, Grun.-V.H.S. 1331. 92-113; Murray Review 1. 133; J. Q. C. 1337; 1. 1117;
 " v. SIMONSKIANI, Grun.-V.H.S. 1331. 42; Det. Syll. 1. 1113;

PYXILLA.-(Pant. 3p.)

ACULEIFERA, Grun.-V.H.S. pl. 33, f13, 14; J. Q. C. 1337 p. 71;

Det. Syll. p. 1017:

(Pterotheca?)--

" var., H.V.H.S. pl. 33b, f5:

"

AMERICANA, Grun.-V.H.S. pl. 33b, f1-3; Pant. 3p. 23f233; 2, p. 75; Bran &
 T. p. 73; Wille, 65f3, 17, 13; Det. S. p. 1015:

(Rhizosolenia.)-

BALTICA, Grun.-A. Schm. N. D. p. 93-3f25; V.H.S. pl. 33f1, 2; Cl. Vega p.

433; Witt 13351. 30-11112; Pant. 2p. 75; Det. S. p. 1016: (P. humpalica.)-

" var., H.V.H.S. pl. 33b, f4:

BALTICA, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen

Meer.-

(Henseniella.)

BARBADENSIS, Grev.-T.M.S. 1365p. 2-1f5; Det. S. p. 1015:

BARBOI, Br.-LeD. Vol. 2 No. 17p. 37-5f15, 17, 23;

(Rhizosolenia?)-

CAPUT-AVIS, Br.-LeD. Vol. 2, No. 22p. 242-19f11:

CARINIFERA, Grun.-V.H.S. pl. 33f6; Det. Syll. p. 1016:

" v. fossilis, Pant. 3p. 23f123; Det. S. p. 1016;

" v. russica, Pant. 3p. 33f491; Det. S. p. 1016:

CORNUTA, Pant. 3p. 43-9f76; Not. 1333p. 542; Pant. 2p. 75; Det. S. p. 1013;

DIRECTA, Pant. 3p. 1. 32f153; Det. Syll. 1. 1017:

DUBIA, Grun.-V.H.S. pl. 33f7, 3; Cl. & H. No. 133; Pant. 2, p. 73:

Wille, 65f24; Det. S. p. 1017: *J. Q. C. 87p. 71:*

" var., H.V.H.S. pl. 33b, f12;

HUNGARICA, Pant. 3p. -23f392; Det. S. p. 1017:

(Pyx, Baltica.)

JOHNSONIANA, Grev.-T.M.S. 1365p. 2-1f6; J. Q. C. ⁸⁷⁻71-5f10; Det. S. p. 1015;

" v. corniculum, Br.-LeD. Vol. 2 No. 22, p. 243-19f12, 13;

KITTONIANA, Grun.-V.H.S. pl. 33f10, 11; Wille, 65f21;

Det. S. p. 1016:

(Pterotheca.)--

LUNYACKSEII, Pant. 3p. 1. 23f133; Det. S. p. 1017:

PROLUNGATA, Br.-LeD. No. 12p. 176-24f7:

RETICULATA, Grove & Start.-J. Q. C. 1337p. 145-13f50; Notar. 1333p. 474;

Det. Syll. p. 1015;

RUSSICA, Pant. 3p. 1. 19f277; Det. S. p. 1017:

SPACA, Br., De Toni, Syll. p. 1016:

(Pterotheca.)--

STEPHANOS, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen

Meer.-

(Henseniella.)-

SUBULATA, Grun.-V.H.S.; -Wille, 65f19; Det. S. p. 1017: (Pterotheca.)-

VARIABILIS, Grun.-V.H.S. pl. 33f3, 4; Cl. Vega p. 433; Det. S. p. 1016:

VASTA, Pantoc. 3p. 40f551; Det. Syll. p. 1017:

RADIOPALMA.-(Pant. 1/1/1)

DICHOTOMA, Bran 1391p. 42-17f6a, b; Det. Syll. 1. 1323:

RALSIA.---(Pant. 1/870)-

HYALINA, O'M.-I. D. p. 293:

(Diatoma; -frag. tenuissima & h.)

---(over.)-

Adriaticum ^{as. atlas} 217 f 17-29; Breb. D. C. p. 11; - Atlas 22 f 14:

arcuatum, Jd. C. 1892 p. 30 Sch. at. 22 of 17-22: Int. Dm. p. 24:

" *forma contracta*, Fricke, - Schm. at. 22 of 23-26:

+ Crozierii, Atlas pl. 22 f 1

: : : : :

MINIMA, O'M., I.O.p.293:

(Diatoma hyalina & m.)----

TABELLARIA, O'M., I.O.p.293-23f2;

(Fragilit.)--

RATTAYELLA.-- (Kütz., 1897)

JAMARUENSIS, Grun.-Det.Syll.p.1030; Pant.2p.100: Notul.1359p.591:

(Debya, of Rattr.; -Glyphodiscus O., scintillans & Simbirskianus; -
Epodiscus O. & Simbirskianus.)

REICHELTIA.-- (Kütz., 1897)

Led.Vol.2, 1895 No.12, p.132: -(Gomphonemina.)-

PFEIFFERII, Oestrup, 1897, p.112, 113

RHABDIUM.-- (Wallroth, 1834)

OBTUSUM, Wallroth.-Flora Crypt.Germaniae, 1834;

(Synedra alba.)

RHABDONEMA.-- (Kütz., 1897)

-, Menez.A.M.S.p.466; (O. p. 1897, p.112, 113); -, Pfeiffer p.121:

-, Wille pl.34f20: (O. p. 1897, p.112, 113); -, Pant.1.63-23f341;

ACRIATICUM, K.-Linn. 1340p.270-412; K.S.A.p.113; S.

B.O.21.35-33f305a(1), b(1), b; - *Yamf. p.48*: Vain.1.3, f3; Pitt.1.300-

13f27; Grun.1352p.424; 1353p.4; J.R.S.S.1353p.92; Jan. & R.p.11-31f9p.

Carr.1.39; Ardissona 1354p.399; Lewis, N. & R.S.p.71; Pitt.1.300p.

221; 1373p.25; 1373p.14; Vega pp.434, 503; R.Alg.Eur.No.1401; R.E.O.

p.306; Reinhard; Dittell 1370p.12-31f9; Petit Cat.1.34; O'M.I.O.p.

319; M.T.P.2-I-6: Lagr.1376p.23; V.H.S.p.166-54f11-13; T.No.360; J.

Q.C.1385p.168; Malaisie: Shark River: Triun 1335p.63-6f15; Parag.p.

74; Villef.p.37; Pant.2.63; Det.S.p.734; Wille, 51f2-4; (Tessella.)

v.fossilis, Pant.2, p.38; Det.Syll.p.764:

ATCUATUM, K.S.p.126-13f3; K.S.A.p.113; S.B.O.21.31-33f205a, f, x; H.C.

D.C.p.//; Westendorp, G.: R.Alg.E.Nos.725, 1244; Desmaz.I, No.1473; 2,

No.1073; H.C.pls.13f13; 43f69; J.S.S.S.1363p.92; Pitt.1.301-31f30-

132; 10f205, 201; Grun.1352p.423; 1316p.70; Jan. & R.p.12-31f9; Pitt.

Sp.T.No.30; Lewis, N. & R.S.p.71; Carr.1.39; Grun. 1353p.12-21f1; R.

E.O.p.306, f32; Reinhard; Law.N.1.11-114; Grunard, 1.36; Cl.1357p.304;

1353p.221; 1373p.24; Nares; Vega p.434; 1391p.54; Villef, Baltic; S.

Sp.T.No.433; Petit Cat.p.35; M.T.P.1-5-12 to 24; Grun.1353p.30; Cl.

& M.No.39; Lagr.1376p.22; Grunf.1.45; V.H.S.p.166-54f11-13; T.No.

361; J.Q.C.1331p.131, pls.7, 8; 1353p.309-2015; Parag.p.74; Villef.p.

67; Shark River; Wille, 51f5-7; Malaisie; Det.Syll.p.734; (Tessella.)

(Achnanthes; -Conferva a. & striatula; -Diatoma a. & striatula; -

Striatella; -Tessella a. & catena.)-

var., Cl. & M.No.70; M.T.P.2-I-1, 2;

v.ventricosa, Cl.1373p.24-4f21: Oestrup 1897p.241:

ATLANTICUM, K. & S.-T.B.C.Vol.13, p.75-39f7; Wille, 33f17; Det.S.p.735:

BIQUADRATUM, Brun & Tem. p.52-115; Det.S.p.736; (Tessella.)

CROZIERI, E.-Ratis, in Pitt.1.305-41f6; Grun.1352p.423; Petit Cat.p.

35; M.T.P.2-I-4, 5; R.E.O.p.306; V.H.S.T.1.131; Cl. & M.No.122;

Det.Syll.p.731; (Tessella.)

DIMINUTUM, Pantoc.3p. -23f412:

Japaneum n. sp. -

" *salicifolia*, B. & H. - Atlas 218 f 7-12:

" " *forma sparsicatata*, F. H. - Atlas 219 f 2-5:

+ *minutum*, Oestrup 1897 p. 341: J. D. L. & S. D. O.
Atlas 219 f 3-17; Fot. D. M. p. 24:

" *var. sulcata*, Fricke. - Atlas 219 f 18-20:

oleaceum, Atlas 220 f 30-32 = 218 f 1 ~~220 f 1, 2~~: 221 f 17-24:
serotinum, Fricke. - Atlas 220 f 30-32: - (*R. arcuatum*, var. ??) - 221 f 2-8:
" *forma parallelolateralis*, Fricke. - Atlas 220 f 27-29:
serotinum, Fricke. - Atlas 220 f 30-32:

RABDOGENA. ----

- LEUCOMES, Brun & Tp. p. 1. 11-1311; Det. Syll. p. 732; 10: 221/16;
 LUCIDUM, Br. - L. 30. No. 12, p. 177-211a-c; 10: 221/16;
 HAMULICUM, Vittori. - S. W. M. S. 1373p. 244-13122; Petit Cat. p. 1. 11-1312;
 Pant. Ip. - 6f48; 2, p. 69; Det. S. p. 734; 10: 221/16-7;
 CAUTUM, Petit. - S. W. M. S. 1373p. 244-13122; Petit Cat. p. 1. 11-1312;
 Det. S. p. 732; (R. Japonicum.) --
 JAPONICUM, Brun & Tp. p. 53-1f6; Pant. 3p. - 30f440; Det. S. p. 732;
 (R. Fairlie & Mikado.) --- Atlas 218f18-21 219 69
 v. recta, Brun & Tp. Det. Syll. p. 733; Atlas 219f10-12;
 v. sparsicostata, Brun & Tp. - Det. Syll. p. 733; Atlas 218f13-17 219;
 MIKADO, Pant. 3pl. 33f439, 470; (R. Japonicum.) --
 MINUTUM, K. B. p. 126-21f2(4); K. S. A. p. 115; S. B. D. 2p. 35-33f306; Q. J. M. S.
 1353p. 92; Grun. 1352p. 422-3f1; Prit. p. 925-411; Grun. 1352p. 422-3f1;
 Lewis, N. & R. S. p. 71; Heib. p. 70; Guinand p. 33; Carr. p. 39; Hull; Cl.
 1357p. 665; 1363p. 221; 1373p. 25; 1391p. 64; R. E. D. p. 306; O. M. I. D. p.
 329; Flogel, Baltic; Pet. Cat. p. 54; Lagr. 1373p. 22; Fortm. Cey. p. 55; Sm.
 Sp. 1. No. 433; Deby Polder p. 21; M. T. P. 2-1-3; Dannf. p. 45; V. I. S. p. 160-
 64f17-21; T. No. 362; Parag. p. 74; Villef. p. 37; Wollf, 31f6-11; Det. S.
 p. 733; Malaisie; (Frag. Carmichaelii & striatula; Tessela catena.) --
 MIRIFICUM, S. B. D. 2p. 35, Note; Q. J. M. S. 1359p. 130-9f11; 1353p. 92; Prit.
 p. 305-3f12; Jan. & R. p. 12-2f19; B. S. N. 1. 1355p. 101; R. E. D. p. 306;
 Sm. p. 1. No. 160; Malaisie; (R. Japonicum.) --
 MUSICA, Brun 1391p. 42-13f5; 14f8; Pant. 3pl. 34f439;
 Det. S. p. 735; Atlas 218f18-20 = (R. Japonicum.) --
 ROBUSTUM, Grun. 1352p. 422-3f1; R. E. D. p. 306; Det. S. p. 731; +
 TORRELLI, Cl. 1373p. 24-110; V. I. S. p. 160-64f17-21;
 VALDELOM, Brun & Tp. p. 53-1f6; Det. S. p. 732; Atlas 218f18-20 = (R. Japonicum.) --

RABDOGENA. - (F. 1867)

MOLLUCENSIS, E. - Abh. Ber. 1359p. 52, pl. 2-3f11; Det. S. p. 331;

RHAPHIDODISCUS. - (Christian 1837)

- CHRISTIANI, Gascoyne. - The Micr., 1337; 1339p. 132-6f4;
 Wollf, 34f2; Det. Syll. p. 313;
 WEBIGERI, Christian, l. c., 1337; 1339p. 132-6f1, 2; Det. S. p. 313;
 Wollf, 34f3, 4; (Coccineis.) ---
 MARYLANDICA, Christian, l. c., 1337; 1339p. 132-6f5;
 Wollf, 34f1; Det. Syll. p. 313;

RHAPHIDOGLOBA. - (Det. 1867)

- , V. I. S. p. 160-64f17-21;
 INTERRUPTA, K. B. p. 110-22f5; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144;
 Grun. 1352p. 470-11f1; Det. S. p. 735; Atlas 218f18-20 = (R. Japonicum.) --
 MANIPULATA, K. B. p. 110-22f5; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144;
 Grun. Vol. 7, p. 5; (Berkeleya; - Schizonema radians.) ---
 RADIOSA, K. B. p. 110-22f5; K. S. A. p. 97; Prit. p. 925; Grun. 1352p. 470-
 11f5; Grun. Vol. 7, p. 5; R. E. D. p. 144; (Berkeleya; - Schizonema radians.) ---
 MICANS, K. B. p. 110-22f5; K. S. A. p. 97; Prit. p. 925; R. E. D. p. 144; (Berkeleya; - Schizonema radians.) ---
 f. 1867

2-7-80

Cynophoros, Fortm. 1888 in 7: Cey. and 2: 1888

RAPTOCOCUS. - *Edw. 1972*

---Vide Ehrb. in Abh. Ber., 1870 p. 55.--

RELAPSE IS. - *ibid.*, mon B. p. 74:

, Ehrh., Ann. Ser. 1371, 12. "1" 12; "2" 12;
 AFINIS, Grun.-Pant. Ip. 35-23f266; Notar. 1333p. 533;
 Wollé, 33f25: Del. S. p. 706;
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+ fasciolata, Fortm. d. m. p. 7.

+ " v. Australis, Petit, Cap Horn.

✓ + fluminensis, (Achard des Loores)

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- BISERIATA, Pant. Ip. 35-27f263; Notar. I333p.533; Det. S. p. 705;
 BORYANA, Pant. 2p. 62-23f400; Det. S. p. 704;
 CADUCEUS, Grun. -V.H.S. p. I47-37f5; T. No. 279; (Septionensis.)-
 CAPENSIS, A.S., Atlas I93fI3;
 CASTRACANEI, Grun. -V.H.S. pl. 36f23; T. No. 273;
 Det. S. p. 709; (R. amphiceros, v.)--
 COCCONEIS, E. -Ach. B. I359p. 52, pl. 2-If7; Wolle, 37fII; Det. S. p. 703;
 DEBYI, Pant. Ip. 34-3f70; Notar. I333p. 539; Pant. 2p. 63; Det. S. p. 705;
 DELICATULA, Pant. I. 34-If3; Not. I333p. 535; Det. S. p. 704;
 DIGITUS, E. -Mik. p. 333; Prit. p. 792; Det. S. p. 703;
 DUBIA, Grun. I363p. 99-Ia, f6; (R. rhombus, v.)--
 ELLIPTICA, E., Mik. p. 82; Castr. I337p. 49-23fI3; Det. S. pp. 702, 709;
 ENTOMON, E. -Mik. p. 36; Prit. p. 792; Det. S. p. 709;
 FASCIATA, E. -Mik. pl. 35A-9f3x; Prit. p. 792; R.E.D. p. I25;
 Det. S. p. 709; (Doryphora amphiceros
 FASCIOLATA, E. -Ach. Ber. I341p. 234; Mik. pl. 35A-22fI6; K.S.A. p. 49; M.J.
 I854p. 75-6f3; Prit. p. 792; Jan. & R. p. I2-IfI4; R.E.D. p. I25; Petit Cat.
 p. I3; Nimrod; Fortm. Cey. p. I2; Deby Pola. p. 22; J.R.M.S. I373p. 238-If3;
 Malaisie; (Campyloneis Grevillei, v.; -Doryphora (R. amphiceros.)--
 v. Australis, Petit Cat. p. I3-4f6; *Rhm S. 1878, 214f6*; (R. sarinella, v.)--
 FLUMINENSIS, Grun. I352p. 332-7f5; Italy; Fortm. Cey. p. I2; R.E.D. p. I73;
 V.H.S. pl. 36f34; Atlantic City; Vega p. 5I2; Wolle, 63f5; Det. S. p. 701;
 FOLIACEA, E., Ach. Ber. I370p. 59; I349p. 35; Det. S. p. 705;
 FUCHSII, Pant. 2p. 63-I7f234; Det. S. p. 703; (R. Asiatica.)--
 FUSUS, E. -Ach. Ber. I344p. 87; Prit. p. 791; Wolle, 63f39;
 Det. S. p. 703;
 GANGETICA, E. -Mik. p. I40; Prit. p. 792; Det. S. p. 709;
 GEMMIFERA, E. -Ach. B. I344p. 37; ~~Breb. D.C. p. 7~~; Ventr. I. 7; K.S.A. p. 49;
 T.M.S. I354p. 75-6f7; Prit. p. 791; V.H.S. pl. 36f3I; Atlantic City; Pant.
 Ip. 34-I2fIOI, IO4; 2, p. 63; Wolle, 37fI7; Det. S. p. 706;
 (Doryphora & R. amphiceros.)--
 v. Biharensis, Pant. 2p. 63-I7f23I; Det. Syll. p. 707;
 v. elegans, Pant. Ip. 34-2f2I; 20fI79; 27f264; 2, p. 63;
 Notar. I333p. 519; Det. S. p. 706;
 v. Moravica, Pant. Ip. 34-30f322; Notar. I333p. 540;
 Det. S. p. 707; (R. Morav.)
 v. Neogradensis, Pant. Ip. 34-I2fIO7; 2, p. 63; Notar. I333p. 539;
 Det. Syll. p. 706;
 v. parce-punctata, Pant. Ip. 34-I3fI63; 27f270; 2, p. 63;
 Notar. I333p. 539; Det. S. p. 707;
 v. subtilior, Pant. 2p. 63-22f337; Det. S. p. 707;
 HARRISONI, O.M. I.E. p. 293; (Diadora; -Odontidium.)--
 HAUCKII, Grun. -Cl. & M. No. 203; Det. Syll. p. 707;
 HUNGARICA, Pant. Ip. 34-3I30; 25f244; 2, p. 63; Det. S. p. 704;
 Notar. I333p. 540;
 INDICA, E. -Ach. Ber. I344p. 365; Mik. p. I40; K.S.A. p. 49; Prit. p. 792;
 R.E.D. p. I26; Det. S. p. 707;
 JAPONICA, Castr. I337p. 49-I9f2; Not. I339p. 692; Det. Syll. p. 702;

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- JONESII, O'M.; -M.J. I367p.247-7f10; ~~1868p.140~~ (Cocconeis scutellum.)
 KINKERI, Pant.2p. -I5f222;
 LAEVIGATA, E.-Mik.p.311; Det.S.p.709;
 LAEVIS, E.-Mik.p.140; Prit.p.792; Det.S.p.709;
 LANCEOLATA, E. ~~Moh.~~ A. I344p.334; I370p.26; Mik.p.110; I.31-7f12;
 K.S.A.p.49; Prit.p.792; R.E.O.p.125; Det.S.p.703;
 LANCETULA, Grun.-Pant.Ip.35-27f1271; Not.I33p.540;
 Det.S.p.705; (Cocconeis scutellum.)--
 * v. Outlandica, Grun.-Pant.Ip.35-30f321; Not.I33p.540; Det.S.p.705;
 LEPTOCERAS, E. ~~Moh.~~ Ber. I344p.37; K.S.A.p.49;
 Prit.p.791; Det.S.p.707; (Cocconeis; -R. amphiceras, v., & R. denticulata.)
 LIBURNICA, Grun. I362p.333-7f15; R.E.O.p.125; O'M. I.31.1.295-2316;
 Fortm. Cey.p.12; V.A.S.p.143-3515; Italy; (C. & Cocconeis liburnica)
 * var., O'M. -M.J. I367p.245-7f13; Villef.p.35-2f12; -(Cocconeis liburnica.)
 LIBURNICA, A.S., Atlas I93f14, I5;
 LINEARIS, E.-Mik. I356p.14; Wollé, 63f28; Pant.Ip.35-27f262;
 Not.I33p.540; Det.Syll.pl.704, 709;
 LORENZIANI, Grun. I362p.331-7f20; R.E.O.p.125; O'M. I.31.1.295;
 Pant.2p.63-28f401; Det.S.p.701; - (*Achnanthes* L.)
 LUMEN, Brun & 1p.p.51-9f8; Det.Syll.p.703;
 LUSITANICA, Rabh.E.O.p.126; Det.S.p.702;
 MACULATA, Cl.Vega p.499-37f56; Det.S.p.702;
 MAMMALIS, Cast.I.357p.43-26f3; Not.I33p.592; Det.S.p.702; ~~(Cocconeis scutellum.)~~
 MARGINATA, Grun. I362p.333-7f15; R.E.O.p.125; (Cocconeis scutellum, v.)
 MARGINULATA, Grun. & Cl.-Vega p.500-37f57; Det.S.p.703;
 MEDITERRANEA, Grun. I362p.332-7f17; R.E.O.p.125, f59c; Italy;
 Det.S.p.701; *Petit, Cap Horn*;
 MOLUCCENSIS, E.-Abh.Ber. I369p.62; Det.S.p.705;
 MORREI, M.J. I367p.247-7f11; ~~1868p.140~~ (Cocconeis scutellum.)--
 MORAVICA, Pant.2p.63; (R. gemmifera, var.)--
 MORSIANA, Grun.-Pant.Ip.35-27f1259; Not.I33p.540; Det.S.p.704;
 NANA, E.-Abh.Ber. I372p.210; Det.S.p.709;
 NITIDA, Grun. I363p.99; Det.S.p.700; Atlas I93f16, I7;
 (Cocconeis; -R. Liburnica.)----
 ODULIFERA, A.S., Atlas I93f12; (Cocconeis)
 OREGONICA, E.-Abh.B. I344p.33; I370p.59; Mik.p.15. I3f63; 37-2f15;
 Wollé, 63f4; Det.S.p.703; (R. thomasi; -R. leptoceras.)-
 PETROPOLITANA, Grun.-Pant.Ip.35-27f1263; Not.I33p.541;
 Wollé, 63f26; Det.S.p.705;
 PINNULARIA, Brun & 1p.p.52-7f11; Det.S.p.706;
 PRETIOSA, E. ~~Moh.~~ Ber. I341p.37; K.S.A.p.49; Mik.p.110; I.31.1.295;
 I361p.75-3f9; Prit.p.791; Vega p.p.42; Cl. I373p.23; Wollé, 67f10; Det.
 Syll.p.707; (Doryphora & R. amphiceras; -R. Belgica.)--
 QUARNERENSIS, Grun. I362p.331-7f24; R.E.O.p.126; Cl. I373p.23; *Atlas* 190f16;
 Vega p.500-37f56apb; Italy; Det.S.p.701; *U.N.O. 25/12*; - (Cocconeis, R.)
 * v. major, Cl. I373p.23-4f25; (Cocconeis m.)-
 RHAPHONEIDES, E.-Mik.p.132; Prit.p.792; Det.S.p.706;

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+ alata, Cl. 1897 p. 24:

7 " v. corpulenta, Cl. 1897 p. 24-2 f 11:

7 " " truncata, Gran N. & p. 6-4 f 67: - (R. obtusa.)

- GRANDIS, K.B.p.122-1111; K.S.A.p.112; Prit.p.771; Dannf.p.46;
 Grun.1332p.351-7f1; (Lichnophora.)--
 " v. arachnoides, K.B.p.122-913; ~~1332p.351-7f1~~
 NYALINA, H.L.Sm.Sp.1.No.443; (Lichnoph.)
 NUBECULA, K.B.p.122-8f16; K.S.A.p.112; Rab.Alg.Eur.No.1331;
 Prit.p.770-13f17; Grun.1332p.350; R.E.D.p.293, f7E(2a);
 (Gomphonema Balticum; -Lic.)--
 OCEANICA, K.B.p.122-1014; K.S.A.p.112; Westw.Moll.G.: Prit.p.771;
 R.E.D.p.293; Grun.1332p.351; (Lic.tincta, v.; -R.paradoxa, v.)--
 " var. "b", flabellata, K.B.p.122: Prit.p.771; K.S.A.p.112;
 OEDIPUS, K.B.p.121-13f5(5-7); 25f9(5xx); 219(2x); K.S.A.p.111;
 Prit.p.770; Grun.1332p.349; R.E.D.p.297;
 (Gomphonema subacule; -Lichnophora.)---
 PARADOXA, ^{syn} K.B.p.122-1015(5); K.S.A.p.112; S.E.D.11.31-201231; Grun.1332p.350;
 Prit.p.770-4f3; M.D.pl.13f19; Grun.1332p.350; Ardissonne 1333p.399;
 Lewis, N. & R.S.p.71; Carr.p.73; Hull; R.E.D.p.293, f72(b); Sm.Sp.1.
 No.699; Dannf.p.46; Wille, 29f3, 4;
 (Echinella; -Gomphonema; -Lichnophora; -Pouss. haemula; -Stylaria.)---
 " v. Meneghiniana, Grun.1332p.351; (Rhaphoneis M.)
 " v. Oceanica, Grun.1332p.351; (Rhaphon. O.)---
 " v. superba, Grun.1332p.351; (Rhaph. s.)-
 SUPERBA, K.B.p.122-10f7; K.S.A.p.112; Prit.p.771; Grun.1332p.350;
 R.E.D.p.293; Sm.Sp.1.No.411; (Gomphonema tincta; -R.paradoxa, v.)-
 TENELLA, K.B.p.122-11f3; K.S.A.p.112; Prit.p.770-13f15; Grun.1332p.350;
 Hull; Grun.1332p.350; R.E.D.p.293; Sm.Sp.1.No.411; -(L. Calmatione, v.
 TINCTA, Ag.-Ralfs, Prit.p.770; -(Gomphonema tincta; -R. elongata; -Lic.)-

RHIZONOTIA.-(Ehrh, 1842)

- MELO, E.-Abh.Ber.1343p.140; Mik.p.7: Prit.p.333-3f41;
 (Amphora; -Rhizosolenia.)

RHIZOSOLENIA.-(Ehrh, 1842)

- , Bailey, A.J.S.1344p. -3f29, 25; 1345.1201; ~~1346.1202~~
 ALATA, Brtn.-M.S.1353p.93-513; 1359p.14-211-4; Prit.p.333; Carr.p.97;
 M.D.pl.42f43; Hull; Grun.1333p.23; Cl.1373p.13; Java p.11; Sm.Sp.1.
 No.443; V.N.S.pl.7913; Vega p.43; Villot.2.34; Det.S.p.330; Det.S.p.330; 1353p.3;
 Malaisie; Det.S.p.330; Bot.Cult.1333p.4; ~~Det.S.p.330; 1353p.3~~
 " v. gracillima, Cl.-V.N.S.pl.79f10; 1.No.443; Det.S.p.330;
 Det.No.9p.115-17f12, 13; (R.gracillima.)-
 AMERICANA, E.-Amer.p.134; K.B.p.151; K.S.A.p.84; A.J.S.1341p.301; Mik.
 pls.13f93; 33-3f10; 33-18f14; Weiss 1341p.301-112; J.J.H.S.1353p.
 93-5f3; M.D.pl.41f43; Prit.p.333; Atlantic City; Wille, 35f3-5; Det.
 S.p.332; Det.No.9, p.116; (Pyxilla.)
 ADAMURENSIS, Castr.1337p.74-30f11, 12, 14; Det.Vol.2p.111-15f3;
 Notar.1339p.692; Det.Syll.p.326;
 ATLANTICA, Perag.-Det.No.9, p.114-17f4, 5; Det.S.p.329; ~~Det.1897~~
 BARBATA, E., Abh.3.1344p.33; Mik.pl.13f106; Det.S.p.332;
 K.S.A.p.24; (Goniothecium.)

1. Cylindrus Cl. 1897 p. 24-25.

> obtusa; Hensen, Junft. Kommiss. Kiel 1887 p. 86-87 41; Cl. 1897 p. 25:
(*R. alata*, var. *truncata*.)

- HAMBOL, Brun.-(Pyxilla.)-
 HERGOMII, Per.-LeD.Vol.21.112-1313; Det.S.p.323;
 CALCAR-AVIS, Schultze.-Muller Ach.1353p.339-1315-10; M.J.1359p.14-2f
 5-10; Prit.p.365; Hall: Cl.Java p.II; Villef.p34: Det.Syll.p.323;
 LeD.No.9, p.II3-1319, 10: *Cl. 1897 p. 14*;
 CRYPTIA, E.-A.Ber.1341p.204; Mik.pl.35A-21117; M.J.1359p.14-2f
 p.94-512; Prit.p.333-7131; O'M.Kerg.; Wille, 35f2; Det.S.p.321;
 CAMPANA, E.-Abh.Ber.1341p.271; M.J.1359p.14-2f; Wille, 35f2;
 LeD.No.9p.II6: Det.S.p.331;
 CASTRACANEI, Cl. Kattgat Diats.p.2 cum icone; -(Guinardia & R.flaccida
 CASTRACANEI, Perag.Villef.p.33-3f42; LeD.Vol.Ip.III-14f4;
 Notar.1339p.357; Det.S.p.326; *Cl. 1897 p. 14*;
 COCHLEA, Brun 139Ip.43-19f9; LeD.No.9, p.II3-13fII: Det.S.p.326;
 DEBYANA, Perag.-LeD.No.9, p.II-15f7, 7a; Det.S.p.326;
 DUPLEX, Bailey Coll.: LeD.No.9p.II6: Det.S.p.332;
 ERIENSIS, H.L.Sm.Sp.1.No.447; Lens Vol.Ip.44: A.Q.J.M.1367p.15-3f7;
 Heww.1379p.30; V.H.S.pl.79f9; A.S.M.1332p.177-4f1a; Lake Michigan;
 Wille, 35f2; LeD.No.9p.I09-13fI9; Det.Syll.p.324;
 FLACCIDA, Castr.1337p.33-29f4, 3: Det.S.p.332: (Guinardia.)
 FORMOSA, Per.Villef.p.33-3f43; Notar.1339p.357;
 LeD.No.9p.II0-14f2; Det.S.p.333;
 GRACILLINA, Cl.-N.L.W.7p.23-3f73: Cl. & M.No.73: *Cl. 1897 p. 14* (R. striata, v.)-
 GRACILIS, H.L.S.-A.S.M.1332p.177-4f1b, bI; Lake Michigan; Wille,
 35fI; LeD.No.9, p.II3; Det.S.p.332;
 IMBRIATA, Grin.-Cl. & M.No.207; LeD.1392No.9p.II2-13fI0; Det.S.p.327;
 IMBRIATA, Bailey, A.S.S.1359p.3-1113, 19; M.J.1359p.95-511; Prit.p.
 336; Sm.Sp.1.No.443; Grin.1331p.46-5f43; Cl.Vega p.433-23f13; Det.
 Syll.p.329; LeD.No.9, 1392p.II4-17fI0: *Cl. 1897 p. 2*;
 ' v.subacuta, Grin.1334p.46-5f49, 50; (Rh.heb.)-
 IMBRICATA, Britw.-M.J.1353p.95-36; Prit.p.335; Carr.p.97; Hall: Cl.
 Java p.II: Cl. & M.No.236; O'M.Kerg.; Sm.Sp.1.No.449; V.H.S.pl.79f
 5, 3; Carr.1331p.335, 1134; Villef.p.34; Castr.1337p.72-24fI; Det.S.
 p.326; LeD.1392No.9, p.II3-17fI2, 3: *Cl. 1897 p. 14*;
 ' v.striata, Grin.-V.H.S.pl.79f5, 4; T.No.444; Malaisie;
 (Rh.imbricata & striata.)---
 INAEQUALIS, Castr.1337p.71-24fI5; Notar.1339p.392; Det.S.p.329;
 LeD.1392No.9p.II4;
 INDICA, Per.-LeD.1392No.9p.II3-17fI3; Det.S.p.331;
 INERTIS, Castr.1337p.71-24fI3, 10, 13; Grin. & T.1.75; Notar.1339p.392;
 Det.S.p.330; LeD.1392No.9p.II3-17fI3, 14;
 JAPONICA, Castr.1337p.72-24fI7; Notar.1339p.393; (Rh.imbricata, v.)--
 LAEVIS, H.L.Sm.Sp.1.No.444; LeD.1392No.9p.II2-10fI3; Det.S.p.327;
 LONGICATA, Zschakian.-Biol.Coll.1394No.2; LeD.Vol.2No.201.113;
 MELD, E.-Mik.pl.35A-5f14, 15; LeD.No.91392p.II3;
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 ORBITOGLOSSA, E.-Abh.B.1341p.206; Mik.pl.35A-13f13; Sm-32f13; M.J.
 A.p.24; M.J.1353p.94-5fI; Cl.Vega p.334; Wille 35f7; Det.S.p.321;
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1. *Semispina*, Hansen. Junf. b. Kommiss. Kiel 1886 p. 84-5 f 39A, B:
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(*R. setigera* Hetig, v. *grac.*) —

2. *Setigera*, Hetig. - Cl. 1897 p. 25

" var. *gracilis*, Cl. R. I. A. 96 p 3) No. 5: - (*R. semispina*.)

" v. *subtilissima*, Gn. 1884 p. 109:

- PACIFICA, Perag.-Led. 1392No.9, p. 117-17f3, 7; Del. Syll. p. 329;
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 POLYACTYLA, Cast. 1337p. 71-24f2; Led. 1392No.9, p. 111-13f7; Del. Syll. p. 327; Notar. 1339p. 693; (R. styliformis, v. latissima.) --
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 QUADRISPUNCTATA, Per. - Led. 1392No.9, p. 117-13f7, 22; Del. Syll. p. 324;
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 S. TIGARA, Per. - H. S. 1353p. 95-517; Phil. 1. 333-7100; Bail. p. 97; Grun. 1353p. 14111;
 Grun. 1353p. 14111; Italy; Del. Syll. p. 324; Grun. 1353p. 14111; Vega p. 433; Grun. 1353p. 14111;
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 SQUAMOSA, Pantoc. 3p. - 35f493;
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 SYLIFORMIS, Grun. - H. S. 1353p. 94-518, 7, 8; Phil. 1. 333-7100; Bail. p. 97;
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 p. 34; Grun. 1353p. 14111; Malaysia; Atlantic Océ; Grun. 1353p. 14111; Del. Syll. p. 324;
 Led. 1392No.9, p. 111-13f1-5; Del. Syll. p. 323; Grun. 1353p. 14111;
 " v. latissima, Grun. - H. S. 1353p. 94-518; (R. styliformis, v. latissima.) --
 TEMPEREI, Perag. Vill. 1. 1. 33-5110; Led. 1392No.9, p. 112-14f2;
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 " v. acuminata, Per. - Led. Vol. 2, No. 9, p. 110-13f1, 7; Del. Syll. p. 324;
 VULGARIS, E.-Abh. B. 1372p. 194; Led. 1392p. 117; Del. Syll. p. 325;
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 BOULEANA, Grun. 1353p. 147-13f11; Reinhard; R. E. D. 1. 109; Italy;
 Cl. 1373p. 20; Vega p. 430; Del. Syll. p. 190; Grun. 1353p. 14111;
 " v. asymmetria, Cl. - Vega p. 430-47109; Del. Syll. p. 190; Grun. 1353p. 14111;
 " v. summa, Grun. - Cl. & M. No. 10; Vega p. 430-47109; Del. Syll. p. 190; Grun. 1353p. 14111;
 CUBITUS, Bn. & T. - Del. Syll. p. 199; (Navicula.)
 CAVANA, Grun. 1353p. 146-13f12; R. E. D. p. 109; M. 1. P. 2-5-7;
 Del. Syll. p. 197; (Nav. tumida, var. Galk.) ---
 GENUALEXA, Grun. 1353p. 147; 1353p. 7; Cl. Vega p. 495, 500; Del. Syll. p. 197; Grun. 1353p. 14111;
 INCUBITUS, Cl. - Del. Syll. p. 193; (Nav. incus, var. & inequa.) -
 JAVANICA, Grun. - Del. Syll. p. 199; (Navicula.)

> cutilina sp. Alma / lucida sp.

> Adolfi, es. Atlas 213 f 20-23.

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ORTUSA, Cl. Vega p.469-38f25: Def. Syll. p.193: (Navicula.)
 SUPREMA, Cl.-Def. Syll. p.198: (Navic.)-
 " v. elliptica, Cl.-Def. S. p.199: (Navic.)-
 TRIGONOCERATA, Cl.-Def. Syll. p.199: (Nav.)
 TRIVOCIS, Grun.-1863p.117: Def. Syll. p.199: (Navic.)-
 " v. imitata, Schultze. 1863p.117: Def. Syll. p.199:

RHODONEIS.

AMILLARUM, Cl. 1873p.9-2f14; J.M. 1879p.29-1f14; Vega p.505; Malaisia:
 Per. Pleur. p.35-10f1; Def. Syll. p.269: (Gyrosigma compactum.)--
 ANCTICUM, Cl. 1873p.13-3f15; Vega p.477: Per. Pleur. p.32-10f15, 17:
 Def. S. p.270: (Gyros.)--
 " v. angulatus, Per. Pleur. p.32-10f15; Def. S. p.270: (Gyros.)-
 COMPACTUM, Grun.-Cl. 1873p.9; 1880p.54: Vega p.477; Per. Pleur. p.35-
 10f17, 3; Def. S. p.268:-(Donkinia; -Gyrosig.; -Pleurosigma; -R. Reichardtii)
 " v. curvata, Grun.-Per. Pleur. p.35;
 CALCATUM, Donkin.-Grun. in Per. Pleur. p.31-9f25-27; Hew. 1857p.20;
 Def. Syll. p.268: (Pleurosigma; -Toxonidea.)
 INCERTUM, Per. Pleur. p.1.9f21; Def. S. p.270: (Pleurosigma.)
 LINEARE, Grun.-1880p.54; Per. Pleur. p.32-9f11;
 Def. Syll. p.270: (Gyrosigma ~~Pleur.~~)
 MAROCCANUM, Cl.-Per. Pleur. p.32-9f22; Def. S. p.270: (Pleur.)-
 MEDITERRANEUM, Cl.-M.J. 1877p.132; N.L.K. 1877p.16-1f9; Malaisia;
 Per. Pleur. p.32-9f29-32; Def. S. p.269: (Gyrosigma.)
 " v. calcarea, Bn.-Per. Pleur. p.32-9f28; Def. S. p.269:-(Gyros. Med., var.)--
 MERASCHKOVSKYI, Reinhardt.-Def. Syll. p.270: (Aphrodite.)
 OCEANICUM, Per. Pleur. p.33-10f15, 3, 10-13; Def. S. p.269:-(Gyros. 1880p.54)-
 REICHARDTII, Grun., Hew. 1857p.19; M.J. 1877p.131-19f19; Malaisia;
 Cl. 1873p.93; Vega p.477: (Gyros. & R. compactum.)-
 ROBUSTUM, Grun.-Cl. 1873p.23; Vega p.477: Def. S. p.269:
 Per. Pleur. p.33-10f2, 3; (Gyros; -Pleurosigma.)
 " v. inflexa, Per. Pleur. p.34-10f4; Def. S. p.269: (Gyros. rob. v. inf.)
 ?? SAMOENSE, Grun.- (Pleurosigma.)
 ?? STAUROPHORUM, Grun.- (Pleurosigma.)
 SELCATUM, Cl. 1880p.54:
 TANTALUS, Cast. Notat. 1857p.371; Def. S. p.269:
 ALISFLOCI, Grun.-Cl. 1880p.83; Per. Pleur. p.31-9f12, 14; Def. S. p.269:

RHODOSPRAEMIA.-(Grun. 1860p.1)-

-, Grun. 1860p.511: -, Pfitzer p.91:
 -, Tanaka 1879p.43; -, Def. S. p.269:
 CONTRACTA, Rabh. E. D. p.292; Def. Syll. p.433: (Gomphonema c.)--
 CURVATA, Kütz.-1836p.1.125; M. 2. p.1.15f19a; Schum. 1871p.34; Cl. 1877p.133;
 1880p.239; 1873p.25; Nares; Vega p.463; 1891p.83; Cl. & M. No. 241;
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" var. major, Cl. Nav. 2 p. 165: Atlas 213 f 15, 16:
" forma minor, a.s., Atlas 213 f 18:
" var. fructu, Schum. - Cl. Nav. 2 p. 165: - (Gomph. f.)
" " subacuta, a.s., Atlas 213 f 6-14, 19:
" " gracilis, a.s., Atlas 213 f 17:
" " ~~major~~, forma major, a.s., Atlas 213 f 28-31:
" " ~~minor~~, forma minor, a.s., Atlas 213 f 32-34:
" " v. heterosticta, a.s., Atlas 213 f 35:
" " v. intermedia, a.s., Atlas 213 f 36-37:
R. pullus, a.s., Atlas 213 f 24-27:

Ropaloda.

Otto Muller, 1895, (Leipzig) -
in Archiv.

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Perag. p. 52; Villot. p. 33; Delile, *Gram.*: 1801, p. 111-112; *Gram. Vern.*:
 Truan 1835 p. 55-4f II; Herib. p. 51; Del. S. p. 437; *Contemp.* 1871, p. 117;
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var. "a", aquatica, K.-R.E.D. p. 112:

var. "b", salina, K.-R.E.D. p. 113:

(Gomph. minutiss.) ---

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var. "d", marina, K.-R.E.D. p. 113, f23c; M.D. p. 1.43f I9b; V. i. S. p. 1.
 23f4; T. No. 225; Italy; Perag. p. 52; Wille, 27f I7, I3; Del. S. p. 437;
 (Gomphonema m.) --- *Petit, Cap Horn:*

OSPIDATA, Rabh. E.D. p. 292; Del. Syll. p. 433:

(Gomph. c.) ---

PRACIA, Schum. 1867 p. 44; Petit liste p. 17; Gallik, Palan;

Del. S. p. 433:

(Gomph. f.)

var. "b", Baltica, Schum. 1867 p. 54-If I9; Dannf. p. 23;

VARIA, *Gram.*: p. 111:

(Gomph. d.)

VANIEURCKII, Grun. - V. i. S. p. 127-23f5-9; Del. S. p. 433; del. 10. p. 51;

Cl. Nav. 2 p. 165:

RIMARIA. - (*Kütz.*, 1842) -

A Subgenus of Syneura:

VIDE K.B. p. 69; Meneg. A.N.D. p. 403. ---

ROPERIA. - (*Grun.*, 1880) -

TISSIELATA, Grun. - V. i. S. p. 113f6, 7; Del. Syll. p. 1037:

(Actinocyclus; -Eupoisens.) - *Cl.* 1877 p. 25

ROSARIA. - (*Carm.*, 1827) -

GLOBIFERA, Carmichael in Hooker's British Flora, Vol. 2, p. 372; A.M.

K.S. Vol. 12, p. 910: (Melosira salina, var., & l.; -Rosaria *Gram.*: p. 111)

DELIGERA, Carm. - Hooker's Brit. Fl. Vol. 2, p. 372; K.S.A. p. 23:

(Melosira l. & lineata.)

ROUXIA. - (*Brun.*, 1893) -

PERAGALLI, Bn. - LeD. No. 12 p. 177-12f2; Heribaud p. 153-If I2a-c:

RUTILARIA. - (*Grun.*, 1863) -

ROBADENSIS, P

(Plagiogramma.)

CALATA, Brun & T. p. 54-If3; Pant. 3pl. 33f472; Del. Syll. p. 1022:

(R. spallion, var.) ---

CATENATA,

(Clavilaria.) ---

ICANTULA, Grun. 1867 p. 92-13f14; Not. 1869, p. 398; Del. S. p. 1022;

ELLIPTICA, Grev. - M.J. 1863, p. 219-9f2; T.D.S. 1863, p. 127-11f2, 13;

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EPSILON, Grev. - M.J. 1863 p. 223-9f1; J.R.C. 1867 p. 64; Wille, 63f1:

Del. S. p. 1021:

(Nitzsena? - *Cl.* 1877 p. 25 & 101-102f13.)

v. longicornis, Tl. & Bn. - Atlas 183f13-16:

v. hexagona, Grun. - Del. Syll. p. 1021:

(*Cl.* 1877 p. 25)

v. tetracornis, Grun. - Del. S. p. 1021:

(*Cl.* 1877 p. 25)

v. tenuis, Grove & St. - J.R.C. 1867 p. 74-6f13; Not. 1867 p. 349:

Del. S. p. 1021:

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forma cornuta, Br. & Tl.

Del. S. p. 1021: - (*Var. hexagona?*)

MACAVATA, Bn.-Led.Vol.2No.17, p.37-5f13, 19;

HEXAGONA, Grun.-V.4.S.pl.105f3; Wollz, 6362; Atlas 133f17;

(R. epsilon, var.) ---

* v. cornuta, Brun. & T. p.55-1f2; Atlas 133f16, 19; -(R. Kerneriana sp. n., v.)

KERNERI, Pant.3pl.33f474; Det.S.p.1024; (R. hexagona, v. cornuta.) ---

LANCEOLATA, Gro. & Sturt.-J.Q.C.1336p.324-13f6; Notul.1337p.349;

Det.Syll.p.1023;

LUNICORNIS, Brun. & T.-p.54-1f1; Pant.3pl.33f473;

Det.S.p.1021; (R. epsilon, v.)

MESA, Grev.Mss.; N.L.K.D.p.19; Cat.Quickett Club 1373; Det.S.p.1022;

PHILIPPINARUM, Cl. & Gn.-Led.Vol.1p.64-10f1, 2; Det.S.p.1023;

PULCHRA, A.S., Atlas 133f20;

RADIATA, Gro. & St.-J.Q.C.1336p.324-13f4, 5; Not.1337p.349;

Det.Syll.p.1022;

RIGENS, Cl.-N.L.K.D.p.19-4f57; V.4.S.pl.105f9; Atlas 133f21-23;

Det.S.p.1024;

RUSSICA, Pant. ? (Synactonasis.) -

SUPERBA, Grev.-T.M.S.1336p.125-1f11, 12; Det.S.p.1022;

SLAVALENSIS, Pant.2p.74-24f355; Det.S.p.1023;

TENUICORNIS, Grun.-V.4.S.pl.105f10; (R. epsilon, v.) -

TOLYII, Casti.1337p.1-13f10; Not.1337p.345; Det.S.p.1023;

VENTRICOSA, Grev.-M.J.1333p.228-9f2; Det.Syll.p.1022;

Pant.1p.44-9f73; 2, p.74;

* v. Rastellus, Bn.-Led.Vol.2No.22, p.245-20f4, 5;

RUTILARIOPSIS. - (?) -

RYLANDSIA. - (Grev, 1861.)

RADIATA, Grev.-T.M.S.1336p.68-3f1; W. & C.2p.2-5f15; Det.Syll.p.1420; Atlas pl.137f23-25; J.Q.C.1333p.309-24f15;

SALACIA. - (Pant, 1889.)

BORYANA, Pant.2p.33-23f341;

(Castracania; -Rhabdonema ?; -Tetracyclis lancea.) -

SCALPRUM. - (Corda 1835.)

STRATUM, Corda.-Almanach Carlsbad 1335p.193-5f70;

(Pleurosigma hippocampus.) ---

SCAPHA. - (Eichw, 1851.)

A.M.Edwards's Mss.; -(Achnanthes angustata; -Gephyria media.) --

SCAPULARIA. - (A. S. Edwards, 1891.)

A Subgenus of Syneura.

Vide K.B.p.33; K.S.A.p.40; Mel.A.N.D.p.399.

Adriaticum, M. reg. In Herb.; (*S. tenuissimum*.)

Apiculatum, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: Chauvin Uly. Norman.,

" " *Apiculatum*, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: (M. T.)

" " *Apiculatum*, Bot. Cblt. 1880 p. 1519: 2. H. 5. p. 16 f 5: (Sch. ram.)

" " "2" *Scotica*, G. ram. " 80 p. 1519: 2. H. 5. p. 16 f 5:

Samuel J. May, 1848, 1852

1848-1852, from 1848-1852

xoxoxoxoxox
 ARBUSCULA, K.B.p.II4-27f16; Meneg.A.N.D.p.443; R.E.D.p.273; (Micr.; -Micr. & S.Meneghiniana.)--
 AERON, K.Kx-Meneg.A.N.D.p.443; (Micr.; -S.Meneghiniana, var. & Ollivieri.)--
 BALTICUM, E.-Abh. Bot. I. 330p.157; Inf. p.133-134; Prit. p.923; Carr. p.115; (Monera int.; -Monera; -S.Meneghiniana & v. rutilans.)--
 " v. amplius, K.-Rabh.E.D.p.279; (Sch.a.)--
 BERKELEYI, K.-Rab.E.D.p.279; Del.Syll.p.204; (Lieblich; -Micr.)
 BLATTII, Ag.-Meneg.A.N.D.p.447; R.E.D.p.273; (Berk.; -Micr.)--
 BOCCYCIUM, — Meneg.A.N.D.p.441; K.S.A.p.100; R.E.D.p.273; (Micr.; -Micr. & S.Meneghiniana.)--
 CRYOPSIS, K.B.p.II4-26f37; K.S.A.p.103; Men.A.N.D.p.443; R.E.D.p.277; V.A.S.p.II.15f26; Bot.Cbl't.I.330p.1509; Del.S.p.232; (Micr.)
 CASPITULA, Suhr in Herbarium Binder.; Heib.p.I7; K.S.A.p.61; (Cymelia cymelina; -Cymelia c. & prostrata.)--
 CAPITATUM, K.B.p.II4-27f46; K.S.A.p.103; Men.A.N.D.p.443; (Berk.; -Micr.; -S.obtusum, v.)--
 CARINATUM, Schum.I.369p.35-2f12; -(figure lacking.)
 CASPIUM, Gran.I.373p.10-4f21; J.M.I.379p.630; Del.Syll.p.233; Bot.Cbl't.I.330p.1509; -(S.Meneghiniana, v.)--
 CERCARIA, K.B.p.II5; Men.A.N.D.p.447; Meneg.A.N.D.p.447; (S.Meneghiniana, v.)--
 CHONDROIDES, K.-Men.A.N.D.p.444; R.E.D.p.230; Del.S.p.290; Bot.Cbl't.I.330p.1514; (Micr.)--
 CIRRIOSUM, Meneg.Mss.; (Berk.Ehrenbergii, v.)--
 CLAVATUM, J.Ag.-Hohenbergii Ag. in Martius No.351; R.E.D.p.231; Hew.Vol.7, p.4; (Berk.conferta, v.)--
 COMIDES, Ag.Corr.p.19; Bot.Cbl't.I.330p.1513; Harv.Mss.p.212; Men.A.N.D.p.447; S.B.D.2p.75-57f353; R.E.D.p.268; O'M.I.D.p.355; V.A.S. p.11.15f31; 15f32; Cl.1330p.43; Woll. 20f11, 12; Bot.Cbl't.I.330p.1518; (Conferva: Bangia ganglion; -Micr.; -Monera; -Bavie.; -S.Meneghiniana & Ollivieri.)--
 " var. " n. " Ollivieri; Meneg.A.N.D.p.447; Bot.Cbl't.I.330p.1518; (Conferva: Bangia ganglion; -Micr.; -Monera; -Bavie.; -S.Meneghiniana & Ollivieri.)--
 COMPTON, S.B.D.2p.75-57f359; Prit. p.920; Carr. p.115; R.E.D.p.230; Sm.Sp.1.No.453, 459; Perag.p.31; (Berk. & S.Meneghiniana.)--
 CORINALDII, Meneg.A.N.D.p.452; R.E.D.p.231; (Micr.)
 CORNICULATUM, Ag., Abh. Bot. I. 4; Men.A.N.D.p.443; Ag.Corr.p.24; Sm. Sp.1.450; V.A.S.p.II.15f12; Bot.Cbl't.I.330p.1514; Del.S.p.290; (Micr.)--
 " var. " n. " pericillata, K.Bet.Cbl't.I.330p.1514; Del.S.p.291; (Micr.)--
 " v. divaricata, Meneg.-Bot.Cbl't.I.330p.1514; Del.Syll.p.291; " " (Micr.a.)--
 CORYMBOSUM, Ag.Syst.p.11; Corr.p.21; R.E.D.p.273; Meneg.A.N.D.p.443; Ock.Plant.I.337p.1.3f2; Sm.Sp.1.461; Del.S.p.292; (S.ramosissimum, v.)--
 " v. aurea, K.-Rabh.E.D.p.274; (S.Meneghiniana, v.)--
 " v. japonica, Gran.-Bot.Cbl't.I.330p.1515; Del.S.p.292; (S.Meneghiniana, v.)--
 CYNODONTUM, Harvey Bot. I. 214; K.S.A.p.102, 103; Men.A.N.D.p.1726; Prit. p.923; Hew.Vol.7, p.3; Carr. p.115; R.E.D.p.331; (Berk.rutilans, v.; -S.(Bangia & Monera) quadrangulatum & tenebrum.)--
 " v. sericeum, Suhr.-Rabh.E.D.p.233; (Sch.s.)
 CRISPUM, Montagne Prodrom. Phyc. I. 15; Del.S.p.473; V.A.S.p.11.15f21; K.S.A.p.102; Men.A.N.D.p.443; R.E.D.p.231; (Berk.; -Micr.)--

Grevillei. Bot. cblt. 1880 p. 1518: Capelle: Carq. 1891 f. 415
Fortm. D. m. p. 15:

" var. pumila Gr. Bot. cblt. 1880 p. 1518:

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- HARVEYANUM, Meneg., A.N.D.: Cl. I330p.43; (S. apiculatum, v. minor.)--
 HAYNALDII, Schaefferi. Aequat. p.22; Harv. Var. p.21; Det. S. p.293;
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 S.B.D. p.79-591307; Harv. Vol.7, p.1: R.E.D. p.275, 277; Det. S. p.293;
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 v. fruticulosum, K.-Rab. E.D. p.275: (Mier.)
 HOMANNII, M. Cons. p.10; ~~Harv. Var. p.21; Det. S. p.293;~~
 TOF207; Carr. p.115; R.E.D. p.275: (Bangia; -Homnana; -H. nana; -S. rutilans, var.) -
 HUMIL, K.B. p.111-2213; K.S.A. p.99; Men. A.N.D. p.447; R.E.D. p.275:
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 HYALINUM, Meneg. A.N.D. p.441; Desmazier 2, No. 114; Westendorp No.
 394; R.E.D. p.274; Bot. C'blat. I330p.1514; V.A.S. p.1125; Det. S.
 p.237: (Mier. h. & tenuilam.) -
 HYALOPUS, Meneg. A.N.D. p.442; R.E.D. p.231; Sm. Sp. T. No. 470; Det.
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 HYDRUROIDES, K.B. p.114-2017; Men. A.N.D. p.443; K.S.A. p.103;
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 ILLYRICUM, K.B. p.111-2213; K.S.A. p.99; R.E.D. p.275: Berk.; -Mier.) --
 IMPLICATUM, Harvey, Mar. p.213; Wyatt Alg. Damon. No. 206; Men. A.N.D.
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 (Berk. (& Sch.) rutilans, var., & confertum; -Mier. imp. & intricatum.) ---
 INTRICATUM, Breb. - ? (Libellus.)
 INTRICATUM, Meneg. Rab. E.D. p.275: (Berk.; -Mier.) -
 INTERMEDIUM, Grun. - Bot. C'blat. I330p.1510;
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 INVESTIENS, Montagne Ann. Sci. Nat. I350p.303; Syll. No. I331, p.473;
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 JACRENSE, Meneg. - Sm. Sp. T. No. 472:
 JAPONICUM, Brun I391p.43-14f6: (Navic. rhombica, v.) -
 KUTZINGII, Meneg. A.N.D. p.443; R.E.D. p.130; V.A.S. p.1125:
 Bot. C'blat. I330p.1514; Det. S. p.291: (Mier.) -
 LACINIATUM, Meneg. A.N.D. p.451; Harv. Var. p.210; S.B.D. p.79-591307;
 Hall; R.E.D. p.273; Det. S. p.293; V.A.S. p.1125; Det. S. p.293;
 Bot. C'blat. I330p.1510: (Mier.; -S. myxacanthum)
 LACUSTRE, Ag. Syst. p.10; Cons. p.10; R.E.D. p.265; Atlas VII-3; (Mier.)
 (Collettonema; -Eneclonema (Mier.) -- ~~from color 1830 p.1517~~)
 LAPIDICOLA, Grun. - V.A.S. p.1125: (S. zelandini, v.) ---
 LENORMANDII, K.S.A. p.99; Pitt. p.929; R.E.D. p.275: (Mier.)
 LIEBMANNI, Grun. - V.A.S. p.1125; Bot. C'blat. I330p.1510; Det. S. p.293;
 LINEATUM, K. - Men. A.N.D. p.441; R.E.D. p.275: (Berk.; -Mier.) -
 LUBRICUM, Men. - K.B. pp.112, 115; Sm. Sp. T. No. 473;
 (Homocladia; -Sch. (& Berk.) rutilans, v.) ---
 LUTESCENS, K.B. p.112; K.S.A. p.102; Westendorp, No. 136; Pitt. p.929;
 R.E.D. p.271: (Berk. rutilans, v.; -Majuscula (Sch.) (Mier.) -

+ neglectum Thos., A. M. N. H. 1848 p. 11-12 f. 27-4

> nidulans, Cl. - (Staviscula) -

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- LUTEUM, K.S.A.p.102; Prit.p.929; R.E.D.p.271; (Berk.rutilans,v.)-
 MEDUSINUM, K.-Men.A.N.D.p.444; R.E.D.p.230; Det.Syll.p.239;
 Bot.C'blat.1330p.1513; (Mier.)-
 v.comosa, Grun.-V.H.S.pl.15f14; Bot.Cbl.1330p.1513; Det.S.p.239;
 v.Jadrelis, Men.-Bot.C'blat.1330p.1513; Det.S.p.239;
 MENECHINIANA, Ralfs.-R.E.D.p.277; (Mier.; -S.bombicynum.)---
 MESOGLOEIOIDES, K.S.A.p.103; R.E.D.p.277; Sm.Sp.T.474; V.H.S.pl.15f17;
 Bot.C'blat.1330p.1514; Det.S.p.235; (Mier.; -S.annulatum.)-
 MICANS, A.Syst.1311; Cons.p.1516; (Mier.)-
 Berkeleya; -Fristillia costata; -Nannema barticum; -Chaphidophora.)-
 MINUTUM, K.B.p.III-23f5; K.S.A.p.98; Men.A.N.D.p.447; R.E.D.p.273;
 V.H.S.pl.15f14; Parag.p.31; Botan.C'blatt.1330p.1509; Det.Syll.p.
 235; (Mier.; -S.caspium.)-
 MOLLE, S.B.D.2p.77-53f365; R.E.D.p.269; V.H.S.pl.15f22-24;
 Bot.C'blat.1330p.1510; Det.S.p.234; (Mier.)-
 MUCOSUM, K.B.p.II5-23f9; K.S.A.p.104; Men.A.N.D.p.451; S.B.D.2p.75-
 57f360; Front.; R.E.D.p.236; O'M.I.D.p.336; Sm.Sp.T.475; V.H.S.
 pl.15f19; Bot.C'blat.1330p.1510; Parag.p.31; Villot.p.35; Det.Syll.
 p.235; (Micromeseta & S.tenue.)---
 MYXACANTHUM, Meneg.A.N.D.p.443; R.E.D.p.273; Bot.C'blat.1330p.
 1510; V.H.S.pl.15f1; Det.S.p.234; (Mier.)-
 v.intermedia, Grun.-V.H.S.pl.15f12; (Schiz.110.)--
 NEBULOSUM, Meneg.-K.B.p.II5; K.S.A.p.99; V.H.S.pl.15f11; Botan.
 C'blat.1330p.1509; Det.S.p.233; (Mier.; -S.sordidum,var.)-
 NEGLECTUM, Thw.-Rab.E.D.p.265; Hedw.Vol.7,p.6; Schum.1367p.30;
 V.H.S.pl.15f37; Parag.p.31; Malaisia: coll 1880p.1516;
 (Colletonema; -Navicula; -Nav.gracillis,v.schizonemoides.)---
 OBTUSUM, Grv.-Scottish Fl.Vol.6,p.302; Brit.Fl.Vol.2p.413; Harv.
 Man.p.219; Men.A.N.D.p.452; K.S.A.p.102; S.B.D.2p.73-53f355; Harv.
 N.H.p.2f13; R.E.D.p.272; O'M.I.D.p.336-29f30;
 (Berkeleya; -Micromeseta; -Monema; -S.capitatum;)
 v.fasciculata, K.-R.E.D.p.272; -(Sch. & Berk.capitatum; -Mier.cap.)---
 v.trichocephala, K.-R.E.D.p.272; (Mier. & Sch.trich.)-
 PALLIDUM, Ag.-Men.A.N.D.p.445; R.E.D.p.279; V.H.S.pl.15f16;
 Bot.C'blat.1330p.1514; Det.S.p.291; (Mier.)-
 PAPILLOSUM, Meneg.A.N.D.p.452; Hedw.Vol.7,p.4; R.E.D.p.230; (Mier.)
 PARASITICUM, Griffith in Harv.Man.p.213; Men.A.N.D.p.443; Wyatt
 Alg.Danmon.No.201; S.B.D.2p.79-59f371; Grun.1333p.22; R.E.D.p.
 273; O'M.I.D.p.335; Sm.Sp.T.475; Parag.p.31;
 (Berk.; -Mier.gracillimum & p.)---
 v.gracillima, Sm.-R.E.D.p.273; (Microm. & S.grac.)--
 PARVULUM, K.B.p.II2; (Berk. & S.rutilans,v.)--
 PARVUM, Men.-K.S.A.p.100; R.E.D.p.277; Garf.p.31-2f17; V.H.S.pl.
 15f30; Bot.C'blat.1330p.1509; Det.S.p.193; (Mier.)
 PATENS, Meneg.A.N.D.p.441; R.E.D.p.230; coll 1880p.1515; -(Berk. & Mier.)
 PENICILLATUM, Charv. 1880p.1515; (Mier.; -S.ramosissimum,var.)--
 PLUMOSUM, K.B.p.II3-23f11; Men.A.N.D.p.443; K.S.A.p.102;
 R.E.D.p.277; (Berk.; -Mier.)-

+ parvulum, v. β, dilatatum, Ag. Cons. p. 16:

> Retiolatum, Ag. Mus. - Cons. p. 16: - (Gleichenia Helvetic.)

- POLYCLADOS, K.-R.E.D.p.279; Cl. & M.No.203; Sm.Sp.7.No.477;
 Dannf.p.50; (Mier.; -S. ramosiss., var.)
- PROSTRATUM, Grev.-British Flora Vol.2p.414; (Encyonema; -Nannema.)----
- PUMILUM, Ag.Cons.p.16; Repenshure Flora, 1824;
 (Berk.; -Homoeocladia; -Nannema Balticum.)----
- QUADRIPUNCTATUM, Ag.Cons.p.21; Syst.p.10; Harv.Man.p.214; (Dannf.; -
 Berk.; -Monnema; -S. crinoides, Dillwynii, Grevillei, Lancelam.)--
- RADIANS, Ag.Cons.p.16; 1847; (Raphidopidea interrupta.)-
- RAMOSISSIMUM, Ag.Syst.p.11; Harv.Man.p.210; Mon.A.N.4.p.442; S.H.V.
 21.79-591369; R.E.D.p.272; D.M.I.D.1.334; Cl. & M.No.506; Sm.Sp.7.
 No.473; Bot.C'blat.1330p.1510; V.H.S.p.110-1514, 511.No.133; Wollf,
 23f1,2; Perag.p.61; Villef.p.53; Det.S.p.286:
 (Mieron.; -S. apiculatum, var., & Smithii.) ~~S. ramosiss.~~
- var. apiculata, K. (Grün.)-Bot.C'blat.1330p.1511;
 Det.Syll.p.233; ~~var. "e."~~ (Mier. & S. apic.)---
- var. aureum, K. (Grün.)-Bot.C'blat.1330p.1511; Det.S.p.233; = ~~var. "f."~~ (Mier.)
- var. corymbosa, K.-R.E.D.p.273; Bot.Cb.1330p.1511; Det.S.1.233; -(Mier.) ~~"y"~~
- var. flavidula, Chauvin.-Grün. in Bot.C'blat.1330p.1511;
 Det.S.p.233; = ~~var. "g"~~ (S. apiculatum, v.)---
- var. penicillata, Chauvin.-R.E.D.p.273; (Mier.)
- var. polyclados, Grün.-V.H.S.pl.15f5; (Mier. & S. pol.)
- var. setacea, K.-Rabh.E.D.p.273; V.H.S.p.111; (Schiz.s.)
- var. spinescens, Men.-Grün., Bot.C'blat.1330p.1511;
 Det.Syll.p.233; = ~~var. "h"~~ (Schiz.s., p.p.)
- var. v. splendens, Grün.-V.H.S.pl.15f6; Det.Syll.p.233; = ~~var. "i"~~
 Bot.C'blat.1330p.1511; (Sch.s.)
- var. subsetacea, Grün.-V.H.S.pl.15f9; Det.Syll.p.237;
 Bot.C'blat.1330p.1511; = ~~var. "j"~~ (Mier.s.)
- REPTABUNDUM, Grün.1330p.22-1f26; Grevillea Vol.1, p.76-5f1a-c;
 Cl.1330p.43; Det.S.p.203; (Libellus Grevillei.)----
- RUBRUM, Meneg.A.N.3.p.427; (Homoeocladia.)---
- RUTILANS, Ag.Syst.p.9; Cons.p.13; K.B.p.112-2315; K.S.A.p.100; R.A.L.
 Eur.No.1433; Westendorp.No.395; Arschou, Ag.Scen.p.193; S.H.V.
 Obs.Phyc.1.33; Prist.p.923; Redw.Vol.7, p.3; R.E.D.1.239; -(Conferva; -
 Monnema; -Nannema Dillw. & Hoffm.; -S. apiculatum & ectocarpoides?)
- var. ~~"a"~~ amplius, K.S.A.p.101; (Sch.a.)--
- var. ~~"b"~~ parvula, K.S.A.p.100; R.E.D.p.270; K.B.p.112; (Sch.p.)--
- var. ~~"c"~~ lubrica, K.S.A.p.100; R.E.D.p.270; (S. lub.)--
- var. ~~"d"~~ Hoffmannii, K.B.p.112-2315; K.S.A.p.100;
 (Berk.r.var.; -Sch.Hoffm.)----
- var. ~~"e"~~ viridis, K.B.p.112-2315; K.S.A.p.101;
 (Berk.rut., var.; -Sch.Balticum.)--
- var. implicata, Harvey.-Rabh.E.D.p.270; (Sch. imp.)
- SCOPARIUM, K.B.p.114-27176; K.S.A.p.104; Neipater 11.2136; V.H.S.pl.
 15f7; Det.S.p.237; Bot.C'blat.1330p.1512; (Mier. & S. laevigatum.)
- SCOTICUM, Grün.-V.H.S.pl.15f8; (S. apiculatum, v.)---
- SECTIO-COMOIDES, Grün.-Bot.C'blat.1330p. : (Nav.Grevillei.)--

Setaceum, Danm. p. 50
" v. polyclados, Danm. p. 50:

Simplex, K. S. O. p. 99:

Siropemum, K. Grun. Blatt. 1880 p. 1574:

Smithii, Fockm. Danm. p. 5, Danm. p. 31:

+ Stewartii - Bot. Cbt. 1880 p. 1578:

SERICEUM, Suhr.-Rabh. Handbuch 2, pl. 35: R. Alg. Eur. No. 733; Hedw. Vol. 7, p. 3; Brent, Flora Germ. No. 210:

(Berk. futilans, v.; -Sch. erinodermum, var., & tenellum.) ---

SETULARINUM, Meneg. in litt., 1843; (Berk. futilans, v.; -S. sordidum.) ---

SETACEUM, K. -Men. A.N.D. p. 443; Sm. Sp. T. No. 479; V. u. S. pl. 15112; Det. C'biat. 1880. 1512; Det. S. p. 233: -(Mier.; -Navicula; -S. ramosissimum.) ---

v. *erigmosa*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. e.) ---

v. *pericillat*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. p.) ---

v. *fallens*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. p.) ---

v. *polyelados*, Grun. -Dannf. p. 50; Bot. C'biat. 1880. 1513; Det. Syll. p. 233: -(Nav. setacea, v.; -Mier. albicans & f.; -Schiz. albicans.) ---

v. *ramosissimum*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. r.) ---

v. *tenella*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. t.) ---

v. *virescens*, Grun. -Bot. C'biat. 1880. 1513; Det. S. p. 233: (Sch. v.) ---

SIMPLEX, Men. -Pitt. p. 919; R. E. D. p. 273; -(Monema inconstans; -Monema.) ---

SIROSPERMUM, K. -Men. A.N.D. p. 499; R. E. D. p. 279; V. u. S. pl. 15113; -(Mier.) ---

SMITHII, Ag. Syst. p. 10; Cons. p. 13; Grv., Scottish Crypt. Fl. p. 33, pl. 298; British Fl. Vol. 2, p. 413; Harv. Man. p. 211; Wyatt Alg. Damon. No. 151; Men. A.N.D. p. 449; K. B. p. 114-2715; K. S. A. p. 103; S. J. E. p. 73-571

362; Hall; Lewis, X. S. p. 71; Phil. I. D. p. 333-29113; Sm. Sp. T. No. 480; Dannf. p. 31-2116; Bot. Cent. 1880. 1516; V. u. S. p. 110-15133; T. No. 154; Wille, 2013, 4; Matsushima; Det. Syll. p. 293: *Cent. 1880. 1517*; (Mier. s. & splendens; -S. ramosiss., var., & albicilla; -Ulva foetida.) ---

var. "b" *torquatum*, Harv. Man. p. 211; -(Mier. & S. tor.; -Girodella comoides.) ---

SOLIEROLII, Meneg. -Det. Syll. p. 304: (Berk. Ehrenburgii, v.) ---

SORDIUM, K. B. p. 113-2411; K. S. A. p. 102; Desmaz. 2, No. 509; Pitt. p. 920; R. E. D. p. 274; A. 736: (Berk. futilans, v.; -Monema; -S. setularinum.) ---

v. *nebulosa*, Meneg. -R. E. D. p. 274: (Sch. neb.) ---

v. *tenuis*, K. -Rabh. E. D. p. 274: (Sch. t.) ---

SPADICEUM, Grv. -Brit. Fl. p. 412; K. B. p. 115; K. S. A. p. 104; Harv. Man. p. 212; Carr. p. 115; R. E. D. p. 271; Pitt. p. 929; (Berk. futilans, v.) ---

-SPINESCENS, Men. -R. E. D. p. 279; Sm. Sp. T. 151; (Mier.) ---

SPLENDENS, Meneg. - (S. ramosissimum, var.) ---

STALIANUM, Meneg. A.N.D. p. 452; R. E. D. p. 273: (Berk.; -Mier.) ---

STENARTII, Dickie. -Cl. 1830. 40; Det. S. p. 233; -(Livingstone; -S. Gravelii.) ---

STRIOLATUM, K. B. p. 111-2511; K. S. A. p. 101; Westwood, No. 599; Pitt. p. 929; R. E. D. p. 275: (Berk. futilans, var.) ---

var. "c" *clavigera*, Bren. -Westwood, No. 595-596; K. S. A. p. 101; Pitt. p. 929; R. E. D. p. 275: (Berk. futilans, var.) ---

SUBCOLAERENS, Thw. -Schum. A. T. p. 30; R. E. D. p. 275; Pitt. p. 931: (Collettonema; -Navicula; -Pinnularia.) --- A. Men. 1848 p. 10-12 G. J. T.

SUBFLEXILE, Grv. -Rabh. E. D. p. 233: (Collettonema.) ---

TENELLUM, Meneg. A.N.D. p. 442: (Mier.) ---

TENELLUM, K. B. p. 111-2513; K. S. A. p. 99; Bot. C'biat. 1880. 1512; Det. S. p. 237: (Bangia & Sch. quadrifidum; -Mier.; -Sch. sericeum.) ---

v. *Rudolphiana*, Grun. in Bot. Cent. 1880. 1512; Det. Syll. p. 237: (S. floccosum, Rudol.) ---

var. "b", K. S. A. p. 99: (S. sericeum, Suhr.) ---

+ vulgare, Thw., A.M.N.H. 1848 p. 10-12 f "H" 1;

" var. "a" rioulatum, Thw. - A.M.N.H. 1848 p. 10-12 f "H" 2-4:

" " "β" lacustre, " " " p. 11-12 f "H" 5: (anonyma l.)

" " "γ" Effusum, " " " p. 11:

VVVVVVVVVVVV

- TENUE, Ag.Cons.p.I7; Bot.Cent.I33Op.I5I6; V. i. S. pl. I5f34;
(Micromera & Sch. microsm.) -- *Bot. Cent. I33Op. I5I6; Jones Lib. 8 p. 22*
v. Americana, Grun.-Bot.Cent.'80p.I5I6; Det.S.p.292:-(Schiz.Am.)---
TENUE, K.B.p.II2-23f2; K.S.A.p.I00; Prit.p.929;
(Berkeleya; -Mollisia; -S. crinoides; -S. spirale, v.)
TENUISSIMUM, K.B.p.III-23f3; K.S.A.p.99; Prit.p.929;
R.E.D. 1.276; Sm.Sp.T.No.432; (Berkeleya; -Mollisia.)
TILIAITISII, Grun.-V.H.S.pl.I5f33, 39; Perag. 1.6I;
Villefranche p.33; *Cblat. 1880p. 15/6: (Berkeleya; -Mollisia.)*
TITIANUM, Grun.-Bot.C'blat.I33Op.I5I5; Det.S.p.29f;
TORQUATUM, ³Monog.A.B.C.p.445; S.O.D. 21.75-5/1351; S.L. 3.1.509; Sm.
Sp.T.No.433; Bot.C'blat.I33Op.I5I4; V. i. S. pl. I5f21; Det.S.p.299;
(Micr.setaceum, var., & t.; -S. Smithii.) -- *Monog. A.B.C. p. 449*
TRICHOCEPHALUM, K.B.p.III-2/13; K.S.A.p.I03; Monog.A.B.C.p.449;
(Berkeleya; -Microm.; -S. setaceum, v.)---
VIRESCENS, Harv.Man.p.2I2; K.B.p.II5; K.S.A.p.I04; Prit.p.923;
Carr.p.II5; R.E.D. 1.276; (Berkeleya; -Mollisia, v.)--
VIRIDE, K.B.p.II2-23f6(3):
(S. Balticum & ectocarpoides; -S. rutilans, var. "e".)
VIRIDULUM, ~~Bomb.~~ R.E.D. 1.266; V. i. S. pl. I7f3; Lake Michigan;
Colletonama; -Vanuensis; -Nav. lanceolata, w.S. 1--- *Cblat. 1880p. 15/7*
VULGARIS, ~~Thw.~~ Schum.H.T. p.307; K.B. 6 p. 27; Lake Michigan; V. i. S.
pl. I7f3; Wille, 22120; *Cblat. 1880p. 15/8* Colletonama; -Vanuensis; -Nav. lanceolata
WATKINSII, Harvey Man.p.2II; K.S.A.p.II5; Mon.A.B.C.p.452; R.E.D. 1.260;
Bot.Cent.I33Op.I5I2; Det.S.p.233; *Cblat. 1880p. 15/9* (Micr. rimosissimum & w.)
ZANADINII, Monog.A.B.C.p.453; R.E.D. 1.261; Sm.Sp.T.434; V. i. S. pl.
I5f33; Phye. Ital. No. 82; Bot.Cent.I33Op.I504; (Micr.)-
v. lapidicola, Grun.-Bot.Cent.I33Op.I509; Det.S.p.232: (Sch.lap.)
v. Lloydii, Grun.-Bot.Cent.'80p.I509; Det.S.p.232;
v. Tommassini, Grun.-Bot.C'blat.I33Op.I509; Det.S.p.232;

SCHIZOSTAURON. - (*Grun.*, 1861.)

- ANDICOLUM, Cl.I39Ip.I2-I6f3; Nav.p.I5I; Det.Syll.p.225: (Stauroneis.)
CRUCICULA, Grun.-N.L.K.D.p.I3-3f44; Amazon; Det.Syll.p.225;
Cl.Nav.p.I50: (Stauroneis.)--
FIMBRIATUM, Grun.-Hedw.I3571.23; Det.S.p.225; (*Adiantum Dantes.*)-
LINDIGIANUM, Grun.-Hedw.I3571.23; T.R. N.S. I3771.131-195717; Det.
Syll.p.224; Cl.Nav.p.I5I: (Stauroneis.)---
OVATUM, Grun.-Hedw.I3571.23; Det.S.p.225; Cl.Nav.p.I5I:-(Stauroneis.)-
TATRICUM, Gutwinski.-Detoni, Syll.p.225; Bot.Cent.I33Op.I509;-(Stauroneis.)
REICHARDTII, Grun.-Hedw.I357 Vol.3, p.23; T.R. N.S. I3771.131-195717;
Det.Syll.p.225; Cl.Nav.p.I5I: (Stauroneis.)--
VERBANUM, Detoni; -Det.Syll.p.225: (Stauroneis.)

SCHUETTIA. - (*Detoni*, 1872)

- ANNULATA, Wallich.-Detoni, Syll.p.I396:
(Actinoptychus & Triceratium a. & var.; -Tric.Sinense.)

AMBLYOCERAS, Ehr.-Det.Syll.p.1396:

(Actinopt.; -Tricerat.a. & Marylandicum.)----

NEOGRADENSIS, Pant.-Det.Syll.p.1396:

(Actinoptychis.)

TRIGONA, A.S.-Det.Syll.p.1396:

(Triceratium.)-

TRILINGULATA, Brtw.-Det.Syll.p.1396:

(Tric.)---

SCOLIOPLEURA.~

-, Tanarek 1379p.36;

ACRIATICA, Grun.1330p.354-3f11; R.E.D.p.229; Det.S.p.265:-(N.tumida,v)

ALTERNATA, Schum.-Det.Syll.p.266:

(Navicula.)

ANTILLARUM, Pelletan, Giat.p.288,f231; Wollé pl.3If12;

Det.S.p.265:

(Alloioneis.)

CAMPYLOGRAMMA, E.-Rab.E.D.p.230; Det.S.p.265:

(Navic.)

CASTRACANEI, Pant.2p.55-23f344; Det.S.p.267:

COCCONEIFORMIS, Det.Syll.p.265:

(Alloioneis.)

CONIORTA, Kitton.-Det.Syll.p.267:-(---Error.---)

CONVEXA, Grun.1330p.555; R.E.D.p.229; Eiben,1371; M.T.P.3-4-I:

Cl.1373p.13; 1375p.43;

(Nav.; -S.latestriata.)---

CURVINERVIA, Grun.-Pellet.Diat.p.291,f235; Det.S.p.265:-(Alloioneis.)---

DISPAR, Schum.-R.E.D.p.230; Det.S.p.265:

(Navic.)--

DISSIMILIS, Rabh.E.D.p.230; Det.S.p.267:

(Nav.)--

ELEGANS, Cleve, Navic.p.105-If9:

FALLAX, .-Det.Syll.p.266:

(Nav.scoliopleura.)-

GRUNDLERI, Grun.-Pellet.Diat.p.291,f235; Det.S.p.265:-(Alloioneis.)--

GRUNOWII, Pant.2,p.55; Det.Syll.p.267:

JAPONICA, Castr.-Det.S.p.267:

(Alloioneis.)--

JENNERI, Grun.1330p.554; Heib.p.91; R.E.D.p.229,f54(2);

Wollé,3If13,17; *Dunf.p.32*;

(Nav.J.: -Nav. & S.tumida.)

KURZII, Grun.-Pellet.Diat.p.209,f233; Det.S.p.265:

(Alloioneis.)

LATESTRIATA, Breb.-Grun.1378p.17; V.H.S.p.III-17f12; T.No.202; Trian

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If14; Det.S.p.260;

(Amphiprora; -Nav.convexa; -Scoliotropis.)

" v.amphora, Cleve.-LeD.Vol.I,p.73-12f13;

(Scoliotropis.)

ORNATA, Sur.Jap.p.I4-2f22; Hedw.Vol.7p.53; Det.S.p.265:

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PEISONIS, Grun.1330p.554-3f25; R.E.D.p.229,f54(1); Det.Syll.p.267:

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TORTUOSA, Rabh.E.D.p.230; Det.S.p.267:

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TUMIDA, Breb.-R.E.D.p.229; Eil.S.p.I.No.35; Eiben,1371; Castr.1373p.43;

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STAUNTONI, Det.Syll.p.267:

(Alloioneis.)

SZAKALENSIS, Pant.2,p.55-3f154; Det.S.p.267:

WESTII, W.S.-Grun.1330p.555; R.E.D.p.229; Eiben,1371;

Lafr.1376p.43; Det.Syll.p.265:

(Navicula w.)--

GILLIESII, Cl. & Comber. - Cl. Navic. p. 72 - If I 6:

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(Amphiprora; -Scoliopleura.) ---

v. amphora, Cl. Nav. p. 72:

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SCYTONEMA. - (Kz. 1832)

COMOIDES, Ag. Syst. p. II:

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SIGNATELLA. - Kz. 1832 Kz. Syn. 1, 2.

ACUTA, Kitzing in litt., 1831;

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(Cymbella s.)

SUBRECTA, Breb. Cons. p. 22;

(Amphipleura & Nitz. rigida.) --

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HUNGARICUM, Grn. - Part. II. 44-25f249; Bot. 1833 p. 542; Det. S. p. II 57;

MEDITERRANEUM, Grn., V. I. S. - Det. S. p. II 57:

(Melosira)

v. punctifera, Brn. 1891 p. 44-II f2a-c; Det. S. p. II 53:

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(Zygoceros antiquus.) ---

UTRICULOSUM, Brn. 1891 p. 44-II f1a-c; Atlas 130f27-30: (Striat. florid.)

SOLIUM. - Kz. 1832EXCULPTUM, Heider p. 52-4f10 Kz. 1832 London Clay; R. L. S. p. 319; J. R. C.

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152f24, 25; Det. S. p. 360:

v. pentagonalis, Kitton. - W. & C. Ip. 5-If10:

JEREMIAE, Witt. - Det. Syll. p. 360:

(Trinacria.) ---

SPATANGIDIUM. - Kz. 1832

ARACHNE, Breb. Guano p. 296-3f1; Fortm. Cey. p. 71:

(Asterolampra; -

Asteromphalus a., malleis & malleifolius; -Excursion canaliculatus.)

FLABELLATUM, Breb. Guano p. 297-3f3;

(Asteromph.)

Sphenophora.
subg. Gomphoceras: Kc. Syn. p. 39:

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- HEPTACTIS, Bred., Guano 1.293-302: (Asteromphalella Bredonensis & L.)
 PELTATUM, Bred. G. p. 293-304: (Asteromph. Peltatella.) ---
 RELESTIANUM, Norman. - O.C.M.S. 13591. 131-707, 3:
 (Asteromphalella Bredonensis & L. Bredonensis.)

SPATANGIDUM. -- (P. Bredonensis)

- ATRIQUA, Fortm. - Annal. Bot. Brit. 18921. 49-4f3; Det. Syll. p. 1420;
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SPHAEROPIDRA.

- GLOBULIFERA, Hassall Al. p. 396-9311: (Melosira salina.) -

SPHAEROTERMIA. -

- HOROLOGIUM, E. - Abh. Ber. 1852 p. 535; Mik. Jg. 35, pl. 33-2ff7;
 (Gaillonella & Melosira.) ----

SPHENELLA. - (Gomphonema)

- , M^sneg. A.N.D. p. 411; -, Pfitzer p. 33:
 -, A.S. Atlas 72f3, 9:
 ANGUSTATA, K.B. p. 33-3f4; K.S.A. p. 62; R.S.D. p. 53-3f5; Prit. p.
 336-14f30; Schum. u. T. p. 63; Hoffmann, Marburg:
 (Gomphonema a. & intricatum.)
 APPENDICULATA, Perty., Kl. Leb. p. 202-17f14; -(Gomph. cristatum & nasutum)
 ELONGATA, K. - Rabh. S.D. p. 53:
 GLACIALIS, K.B. p. 33-3f16; K.S.A. p. 62; R.S.D. p. 53-3f5; Bruggen p.
 236; Prit. p. 336; Schum. u. T. p. 63; (Gomph. g. & vulgaris)
 ITALICA, K.S.A. p. 63; R.S.D. p. 53-3f3; Prit. p. 336; (Gomph. I.)
 LENORMANDII, K.B. p. 34-30f31; (Gomph. I.)
 NAVICULOIDES, Hantzsch-R. Al. - Ent. No. 1322: -(Gomph. angustatum & commune)
 OBTUSATA, K.B. p. 33-9f11; K.S.A. p. 62; R.S.D. p. 57-3f11; Spamer, Duren;
 Prit. p. 336-14f31; Schum. 1364 p. 19-2f14; Prollius p. 51:
 (Gomph.; -Gomph. & S. vulgaris.)
 PARVULA, K.B. p. 33-30f33; K.S.A. p. 62; R.S.D. p. 53-3f7; Spamer, Duren;
 Prit. p. 336; Gallik, Papan; Hoffmann, Marburg;
 (Gomphonella; -Gomph. minutissimum & p.) -
 ROSTELLATA, K.B. p. 33-9f3; K.S.A. p. 62; R.S.D. p. 53-3f2; Prit. p. 336;
 Schum. 1364 p. 19-2f13; R.E.D. p. 232; Hoffmann, Marburg; Spamer, Duren;
 (Gomph. cygnus, parvulum & r.) 9f2:
 'var. 'b', elongata, K.B. p. 33; Prit. p. 336; K.S.A. p. 62;
 VULGARIS, K.B. p. 33-7f12; K.S.A. p. 62; R.S.D. p. 53-3f4; Marissal p. 20;
 Prit. p. 336; M.D. pl. 14f19; weisse 1360 p. 359-1f50; Borscow 125-9f12;
 Schum. 1364 p. 19-2f15; u. T. p. 63; Prollius p. 51; Hoffmann, Verb.; Spamer,
 Duren; Gallik, Papan; (Gomph.; -S. obtusata; -Styllaria *palud.*)

SPHENOSIRA. - (Gomphonema)

- CATENA, E. - Abh. p. 93, pl. 3-1f27; 3-4f12; K.B. p. 33-29f47; K.S.A. p. 63;
 R.S.D. p. 61-3f1; Prit. p. 392-11f30; R.E.D. p. 293, f73; (Gomphonema.) --
 EPIDENDRON, E. - Abh. Ber. 1843 p. 219:

EUROPAEA, E.-Abh.Ber.1843p.379:

PINNATA, E.-Mik.1856p.73;

TRICARINATA, E.-Mik.p.371:

SPHINCTOCYSTIS.

ELLIPTICA, Macdonald pl.10f14:

(Cymatopleura.)

LIBRILIS, Hassall Alg.p.455-102f3; -(Cymatopleura & Surirella solea.)--

STAUROGRAMMA.-(C. 1847 p. 25.)

PERSICUM, Rabh.S.D.p.50-9f14; Prit.p.915-3f36;

Det.Syll.p.226:

(Stauropotamo demissata.)

STAURONEIS.--(C. 1847 p. 25.)

-, Bailey, A.J.S.Vol.35, pl.2f6:

-, Pfitzer p.57:

-, Kirchn.Alg.Schlies.p.183;

-, Meneg.A.N.D.p.422;

-, Sci.Gos.1868p.132-f131;

-, Tanarek 1879p.36;

Amer.Nat.1868p.510-13f9:

-, Schmitz 1877p.5:

ACINANTHES, K.B.I.105-29f20, 22; K.S.A.p.91; Prit.p.915; R.E.D.p.246;

Nylander, w.: Hoffmann, Marburg:

(Navicula aspera; -Stauropotamo.)

ACROCEPHALA, Rabh.S.D.p.48-9f19; Prit.p.914; R.E.D.p.250:

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ACUTA, S.B.D.Ip.59-19f137; Front.; Quak.H.C.pl.12f25; Grun.1860p.553;

1884p.99; Prit.1.914-7f76; Heib.1.33; Carr.p.110; Cl.1863p.225; 1881,

11.4, 3; 1891p.39; Nav.p.150; Mull; Macdonald pl.10f25; Lagr.1873p.33;

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Sm.Sp.1.435; V.H.S.p.63-4f3; T.No.2: Kinnora; Lake Michigan; Stross

Kleik.p.11-1f15; Wille, 3f11; Herib.p.73; -(Pleurostauron; -S.Wochii.)--

* forma tenuis, Schaarschmidt.-J.L.S.1884p.244-5f11;

* v.Terryana, Temp.-Cleve Navic.p.150;

* v.undulata, Cleve Nav.p.150;

ACUTIUSCULA, Heribaud p.73.-3f20:

AETHIOPUM, E.-Prit.p.915---error--is a Desmid.)---

AFRICANA, Cleve, N.L.K.D.p.15-3f42; Cl. & M.No.193; Nav.p.143;

V.H.T.No.137; Det.S.p.213:

* v.acuminata, Grun.-V.H.T.No.137 sub; Cl.Nav.p.145;

AMPHICEPHALA, K.B.I.105-30f25; K.S.A.1.00; R.S.D.1.43-9f12; Prit.p.

912; Lewis, W.M.D.p.12; Schum.1864p.22-2f29; Nylander, w.: Pet.liste

p.21; V.H.S.11.4f6; Hoffmann, Marb.; Dillow, Lichen p.49-3f10; S. 1881,

Diren; Ebert, Cassel;

(S. andersoni, var.)

AMPHILEPTA, E.-Amer.pl.1-2f9, 13; Mik.pls.14f13; 33A-15f6; 33A-15f3, 5;

K.B.I.105-29f13, 17; K.S.A.1.39; R.S.D.1.43-9f17; Prit.p.913; Grun.

1860p.553; Hoffmann, Marb.; Ebert, Cassel; Herib.p.72.-3f18:

(S.Phoenicenteron, v.)---

AMPHIOXYS, Greg.-T.M.S.1856p.43-5f23; Carr.p.110; Dillow, Lichen p.49-3f10;

Lagr.1876p.47, f5; Grun.1873p.17; (Nav.)

AMPHIOXYS, Ralfs.-Prit.p.915:

(Stauropotamo.)

AMPHYRRHYNCHUS, E.-Mik.p.173; Det.S.p.219:

AMPHISBAENA, E.-Mik.p.333; Prit.p.915; Det.S.p.219:

anceps, G. - Petit - Dampf. p. 32.

" var. leiostrakon, A. Cl. 1895 p. 12-13.

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- AMPHOROIDES, Grun.-Atlas 23f34-39; A.J.M. 1377p. 15; 1373p. 103;
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 ANCEPS, E.-Amer. p. 134, 1.2-1f13; Abh. Ber. 1370p. 1.2-1f24; K.B. p. 106-
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 Herib. p. 77; Hille 1862 p. 69; Tozsta p. 427; Cl. 1895p. 12; Vestrup 1897p. 316. ---
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 var., Cl. 1331p. 12-13f13:-(S. anceps, v. birostris.)-
 var. amphicephala, K.-V.H.S. p. 69-4f6; Wolle, 3f3, 9; Herib. p. 73;
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 var. "b", producta, Lagr. 1373p. 33: Det. S. p. 211:
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 v. derasa, Grun.-Cl. Nav. p. 147:
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 v. fossilis, Cl. 1391p. 40-2f13; Navic. p. 143;
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 v. hyalina, Per. & Bn.-Herib. p. 73-3f19; Cl. Nav. p. 147; 1895p. 12:
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son L, J.S. Petit, Cap Horn: (1840)

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- ATLANTICA, E.-Abh. Ber. 1845p.155; K.S.A.p.39; Prit.p.913;
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AUSTRALIS, Grev.-Trans. Bot. Soc. Edinb. 1851. 379-11113; Cl. Vega p.246;
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- BACATA, Fortm. Cey. p.37-3f35; Det. S.p.209; ~~Caloneis bacata~~
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- BACONIANA, Stodder.-B.J.N. 1859p.27; Sm. Sp. T.433; Det. Syll. p.221;
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- * v. intermedia, E.-Mik. pls. 2-3f10; 5-1f13; 5-1f17; 3-3f7; 4-1f12; 4-2f12;
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- BISTRIATA, Fortm. Cey. p.37-9f39; Cl. Vega p.495; Det. S.p.213;
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- CARDINALIS, K.B.p.106-4-29f10b; 6; Prit. 1852pl. 15, f1; K.S.A.p.92;
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(Navicula mutica, var., & rotasana.)
- CONSTRUCTA, E.-Amer. p.134, pl. 1-2f12b; Abh. B. 1871, pl. I "a" 15; K.S.A.
103-29f19; K.S.A.p.91; R.S.D.p.49-9f5; Prit. p.911; New Zealand: Cl.
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- CORNUTA, Fortm. Cey. p.37-3f36; (Achnanthis.)
- COSTATA, O'M.-M.J. 1867p.246-7f4; Det. Syll. p.215;
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62; Cl. Nav. p.151; (Navic. -S. dilatata, p.p. -Schizostauron)
- * v. pinnata, Grun. 1850p.567-6f15;
CRUCIGERA, Heib. p.33; -(Dickiera; -Endostaurum; -Schizonema; -Navic.)
- DECORA, Grev.-Trans. Bot. Soc. Ed. 1851. 236-3f11; Det. Syll. p.203;
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- DECURRENS, E.-Mik. p.371; Det. Syll. p.220;
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DEMERRARAE, Cleve, Navic. p. 147-3f15;

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DICEPHALA, E.-Mik. 1856 p. 71; Det. S. p. 220;

DILATA, S.B.D. p. 60-19f191; *Jel. 7/874; 244*

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DILATA, E.-Amer. pls. 1-2f12; 3-1f13; Mik. p. 139-1f13; K.S.A. p. 105-29f13;

K.S.A. p. 91; R.S.D. p. 49-9f4; Mull; Prit. p. 911-12f16; Schum. H.T. p. 73;

1837 p. 59; Grun. 1860 p. 560; Call. p. 111; Cl. 1867 p. 560; 1868 p. 229; 1880,

p. 14, 43-3f62; 1891 p. 41; Navic. p. 148; Hull; R.E.D. p. 243; Brn Alp. p.

90-9f9; Gleichen, 1868; Sursee Kl. p. 11-1f23; 1811, 3f2; *Herib. p. 77*

Det. S. p. 209;

-(*N. Scandinavica*)

DIMIDIATA, Grun.-Cl. & M. No. 247;

(S. Gregoryi, var., & salina.) ---

DIMINUTA, Grun.-Cl. & M. No. 255;

(S. Gregoryi, v.)

DUBIA, Greg.-M.J. 1856 p. 11-1f37; S.B.D. 2, p. 104; T.M.S. 1858 p. 91;

Prit. p. 913; Carr. p. 110; R.E.D. p. 247; Eiben, 1871; Kinnora;

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(Nav. decipiens, Ok.)

DUMONTII, Breb.-Det. S. p. 214; (Breb. Herb., teste Grunow.) -

ETREMBEGII, Ralfs, Prit. p. 912; -(Staurop. platystoma; -Stauropigma.) ----

EICHORNII, Schum. 1862 p. 139-9f133; R.E.D. p. 260; Det. S. p. 214; *(N. humerosa.)*

ERYTHROEA, Grun. 1860 p. 567-4f17; 1868 p. 20;

(Nav. humerosa.)

EUCALYPTA, E.-Mik. 1856 p. 71;

EUGLYPTA, E.-Mik. 1856 p. 71; Det. Syll. p. 220;

EURYSOMA, E.-Anh. Ber. 1844 p. 65; Mik. pl. 2f136; R.E.D. p. 226;

(Nav.)

EXCELENS, Perty.-Klein. Les. p. 205-17f11; Prit. p. 912;

(S. platystoma; -Stauropoda.) -

EXILIS, K.B. p. 105-30f21; K.S.A. p. 90; R.S.D. p. 43-9f11; Prit. p. 912; R.

E.D. p. 252; Schum. 1867 p. 59-2f159; Grun. 1863 p. 20; Sparr, Dill; Gallik,

Papan; Hoffmann, Marb.; Det. S. p. 212; (Achnanthes constricta.) -

v. constricta, Grun. 1860 p. 20; Det. S. p. 212;

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EXPLICATA, Perty, Kl. Len. p. 205-17f10; Prit. p. 914; (S. ventricosa.) -

FENESTRA, E.-Amer. p. 135, pl. 2-1f20; Mik. p. 150; K.B. p. 107-29f10; K.S.A.

p. 90; R.S.D. p. 43-9f10; Prit. p. 913; Schum. 1869 p. 35; R.E.D. p. 252; Sur.

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FINMARCHICA, Grun. & Cl.-Cl. 1830 p. 47-3f63; Vaga p. 474; Det. S. p. 215;

FRAUENFELDIANA, Grun.-Cl. Navic. p. 150; -(Pleurostauron.) -

FULMEN, Brtw.-M.J. 1859 p. 130-9f6; Prit. p. 911; R.E.D. p. 252; Cl. Nav.

p. 150;

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GALLOPAGICA, E.-Mik. p. 243; K.S.A. p. 92; Prit. p. 914; -R.E.D. p. 253;

(Navicula; -Stauropoda.)

GIBBOSA, E.-Mik. p. 210; Prit. p. 915; Det. S. p. 220;

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GOEPPERTIANA, Gleichen, 1868; R. Alp. Mar. No. 1133; R.E.D. p. 243;

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GRACILIS, E.-Amer. pls. 1-2f14; 2-1f17; Mik. p. 13-3f10; 3-4f10; 15(A), 1

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v.dimidiata, Grun.-Cl.& M.No.247 sub; Det.Syll.p.208;

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JANISCHII, Rabh.Alg.Eur.No.848: (Nav.integra.)-

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(Pleurostauron l. & legumen; -S.linearis & Smithii; Stauroptera.)

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LINEARIS, E., Amer.p.I35, pl.I-2fII; Mik.pl.4-If9; 5-3f9; I4I3; I42,

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& membranacea, Cl. - atlas 26 f 34, 35: - (bar.)

Heu-ayen, A.S. - Petit, Cap. H. (bar.)

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Mull; S.B.D. Ip. 60-19fI93; Prit. p. 912; Grun. I860p. 564-4fII; Mull; R. E.D. p. 246; weisse I861. 361-4fII; Schum. I. 7. 1. 44, 77; Sylvarum, v.; Roper, Thames; New Zealand; Cl. I863p. 223; Lagr. I873p. 37-2fI3; Lake Mich.; Kinnord; Perag. p. 62;

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MOLLERIANA, Grun.-M.T. P. 3-6-4; Del. Syll. p. 221;

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NICOBARICA, E.-Mik. p. 173; Del. Syll. p. 220;

NOBILIS, Schum. I867p. 59-2f60; Del. S. p. 205;

(S. anceps, var.; -Staurogramma.--?)

OBESA, Grev.-Trans. Bot. Soc. Edin. I865. 287-3012; Del. S. p. 217; (Staurogramma.)

OBLIQUA, Grev.-M.J. I853p. 10-If35; S.B.D. 2p. 104; Prit. p. 911-7f63;

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- PARVA, (E.)-K.B.P. 103-29f23; K.S.A. 1.92;
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- PARVULA, Jan. Guano p. 26; R.E.D. 1.252; (Caloneis fasciata.)
 PARVULA, Grun.-Cl. Nav. p. 149; (Pterostoma)----
- * v. producta, Grun.-Cl. Nav. 1.149; (S. produ.)-
 * v. pinnata, Grun. Mes.; -Cl. Nav. 1.149; (S. pinn.)-
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 GROSSE-CELLULATA, Pantoc.Ip.44-20f130; Notarisia I331.543;
 Det.S.p.II40; (St.turris, v.polaris.)---
 GRUNOWII, Grove & St.-Atlas I30f1-5; I34f10; Brun & T.p.73;
 Det.Syll.p.II46;
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 HISPIDA, E.-Abh.Ber.I355p.302; Det.S.p.II47;
 HISPIDULA, Grun.I344.97; Det.Syll.p.II44;
 HYALINA, Grun.I344.97; Det.S.p.II47; (Lauderia annulata.)
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 JOYNSONII, A.S., Atlas I23f9; Det.S.p.II43;
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- IMBATA, E.-Mik.pl.18f7; V. i. S. pl. 33(3) f13, 14; Atlantic City;
 wolle, 37f7; Det. Syll. p. II44; (Pyxidicula.)--
- * v. erista-galli, Brun & T. p. 57-3f3; Det. S. p. II44;
- MARGINATA, Grun. I334p. 30-5f17; Det. S. p. II42;
- * v. Californica, Grun. I334p. 33; Det. S. p. II42;
- MAXIMA, Pant. 3p. -26f334; Det. S. p. II43;
- MEGAPORA, Grun. I334p. 87-5f24a, b; Det. S. p. II40;
- MIDULANS, Brun.-Atlas I64f7; I80f26; Det. S. p. II45;
- NIEJAHRI, E.-Abh. Ber. I872p. 214, pl. 2-6f2; (Cresswellia turris.)-
- PALMERIANA, Grun. I334p. 33; Atlas I23f1; Malaisie;
 Det. S. p. II41; (Cresswellia P)
- * var., A. S., Atlas I30f44; Malaisie;
- PERAGALLI, Brun I39Ip. 53-3f3; Det. Syll. p. II45;
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- PULCHER, W. & C. 2p. 3-5f3; Det. Syll. p. II45;
- RAEANA, Castr.-Det. S. p. II46; (Systemaria.)-
- RAPAX, Castr. I337p. 33-9f9; Det. Syll. p. II45;
- ROBUSTA, Fortm.-Annal. Botan. Brit. I892p. 46-4f5; Det. S. p. II43;
- RUDIS, Grev.-Grun., I334p. 37; Atlas I64f3, 9; wolle, 62f2; 67f21;
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- RUSSICA, Pantoc. 2p. II3-27f391; Det. S. p. II41;
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- * v. Javanica, Grun. I334p. 33; Det. S. p. II41;
- TURRIS, Grev.-Ralfs, Prit. p. 326-5f74; Carr. p. 92; Sm. Sp. T. 507; V. i. S.
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- * forma nuda, Pantoc. Ip. -23f206;
- * v. Arctica, Grun. I334p. 87-5f13, 20-22; Brun & T. p. 173;
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- * v. Arctica, forma inermis, Pant. 2p. II6; Det. Syll. p. II40; Grun. I334p. 89-91;
- * v. brevispina, Grun. I334p. 37; J. Q. C. I337p. 70; Det. S. p. II39;
- * v. crassispina, Grun. I334p. 33; Det. S. p. II39; (St. crass.)----
- * v. cylindrus, Grun. I334p. 35-5f7-17; Witt I335p. 31;
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- * v. cyl., forma inermis, Grun. I334p. 87, Pant. 2p. II6; Det. S. p. II39;
- * v. dubia, Grun. I334p. 88; Det. S. p. II39;
- * v. intermedia, Grun. I334p. 88-5f15, 16; Det. Syll. p. II39;
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- * v. longicornis, Grun. I334p. 36; Det. S. p. II41;
- * v. longispina, Grun. I334p. 37; Det. Syll. p. II39;
- * v. minor, Grun. I334p. 88; Det. S. p. II39;
- * v. paucispina, Grun. I334p. 87, Det. Syll. p. II39;
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- * v. parvispina Grun. I334p. 88-

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 ' v. Simbirskiana, Grun. I334p.88; Del. S. p. II39;
 ' v. subcontracta, Grun. -V. I. S. pl. 33(3)fI2;
 ' v. subcylindracea, Grun. I334p.88; Del. S. p. II39;
 ' v. subsphaerica, Grun. I334p.88; Del. S. p. II39;
 ' v. valida, Grun. I334p.87; Del. S. p. II40; J. a. c. 287p.70;
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 ' vars., Castr. I337p. II9-I6; I7f3;
 ' v. late-zonata, Castr. I337p. II9-I7fII;
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 ' v. punctifera, Castr. I337p. I21-I312; Del. S. p. I320;
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 ' v. glandis, Witt I333p. I9-5fI5; Del. Syll. p. I314.

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 Notar. 1337.350; (St. nitida)---
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 v. megapora, Grove & St.-J. Q. C. 1337.33; Del. S. p. 1314; (St. Grovel.)
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 RADIATUS, Cacti. 1337. 117-1f1; Notar. 1339. 136; Det. S. p. 1313;
 Reticulato-CELLULOSUS, Griseb. - Led. Vol. 2p. 71-11f9; Det. S. p. 1320;
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 SIMPLEX, A. S., Atlas 74f11; Wille, 65f4; Det. S. p. 1313;
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 TUBERCULATUS, Pant. 3p. - 29f427; -- sans nom.: Det. S. p. 1313;
 VARIANS, Cacti. 1337. 120-17f7; Notar. 1339. 1761; Det. S. p. 1320;
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STICTONEIS. - Griseb.

A Subgenus of Stanioneis; -
 Vide K. B. p. 106: K. S. A. 1. 91: -

STICTONEIS. (Griseb.)

(Orthonais f.) ----

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STICTAPORA. - Griseb., 1363p.

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 GARGICA, Pantoc. 3p. - 9f155;
 LANCEOLATA, Wallich. - T. M. S. 1350. 43-2f7, 3; Pant. 1. 926;
 Griseb. 1353. 21; R. E. D. p. 253; Det. Syll. p. 1313; (St. Californica & affinis.)
 ROSTRATA, Wallich. - T. M. S. 1350. 11-2f1, 2; Pant. 1. 926;
 Griseb. 1353. 21; R. E. D. p. 253; Det. Syll. p. 1315; *Cl. Nov. 2p. 162*

cf. ~~Franderger~~ Cent. 7. -

Ignotum mihi: - vide Ag. cons. p. 65. - (mel. moril.)

> Groenlandica, Oestrup, 1897, 341-346.

St. Lucia.

1. Costa, (q. Echinelia c.)

2. Monacelli, (Lucca. - Uq. cons. p. 341 - (Simpl.)

St. Lucia
Monacelli (Lucca. - Uq. cons. p. 341 - (Simpl.)

STYLARIA.-----

THELMANNIANA, E., Amer. p. 136; (Tetracelis thelmanni.)-
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 1. 11-14115; M.D. 1. 12-1500 (1868); Halv. Man. 1. 109; A.M.N. 1. 1343,
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 3: Petit class. 125; T.M.S. 13771. -13771; Grun. 13621. 413;
 -19417; Lagr. 13731. 24; Sn. Sp. 1. No. 510; T.M. 2-1-22; Grun. 13621. 413;
 3; V. U.S. p. 135-5419, 10: T. No. 359; Shark River; Parag. 1. 74; Villal.
 1. 30; Woll. 311, 12, 13; Grun. 13621. 413; (Nomenclatures; -Diatoma acicula &
 1.; -Fragilaria; -S. acicula; -Lessella catena, (radicellata & 1.)----
 etc., Cap. Bonn: Fort. D. M. p. 24: Cast. Dalmar. 73 p. 11, f 1a-c:

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STYLARIA.-----

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 CUNEATA, Bory. - Ag. Cons. 1. 33; Hooker's British flora 1. 403; Lym. 33
 Trevisan 1. 10; (Lym. 33; Hooker's British flora 1. 403; Lym. 33)
 CRYSTALLINA, Trevisan Alp. Coccol. 1. 97; (Dicroph. c.)---
 GRACIS, Trevis. Alp. Coc. p. 93; (Lym. 33.)---
 MINUTISSIMA, Halv. Man. 1. 205; S.B.D. 2. 1. 104; (Gomphonema crystallin.)---
 NOBECULA, Trevis. Alp. Coccol. 1. 97; (Lym. 33.)---
 OECIPUS, Trevis. Alp. Coccol. 1. 97; (Lym. 33.)---
 OLIVACEA, Bory Diet.: (Gomphonema.)--
 PALMOSA, Ag. Cons. p. 61; (Lym. 33. & Sphaella vit. 13.)---
 PARADOXA, Bory Diet.: (Rhizodiplo.)-----

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 1. 116; Prit. p. 305-4f45; M.D. 1. 1. 45f49, 50a, b; Grun. 13621. 413; 13621. 413;
 302; Del. Syll. 1. 749; (Biblarium c.)-
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 1. 300; M.D. 1. 1. 45f50a; Grun. 13621. 413; R.M.D. 1. 302; Del. S. 1. 750;
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 Part. 3pZ. -2f13; Del. S. 1. 749;
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 IMBIBUM, Part. 3pZ. -2f25; (Tetracelis.)
 JIMBOI, Part. 3pZ. -2f21; (Tetracelis.)
 DVAGA, Part. 3pZ. -1f13; (Tetracelis.)
 DUCYLOBIUM, Part. 3pZ. -1f13; 1349; (Tetracelis.)----

- Br. 50. V. 1. 3, ~~45~~, 7. 50.

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Antarctica
1886-1887

- CASTRATA, v. lata, Witt. - Det. S. p. 577; v. fossilis, Det. S. p. 534;
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- " var. "b" pinnata, w. S. - Grn. 1352 p. 450; (S. D. 1371 p. 1579; Carr. p. 37; M.S. 1339 p. 179-915; R.E.D. p. 159; B.S. 1371 p. 1579; A.S.M. 1379 p. 31; Am. Soc. Mic. Proc. 1333 p. 411; (S. Guatimalensis; -S. ovata, p. 1.) ---
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1970; 1971; 1972; 1973; 1974; 1975; 1976; 1977; 1978; 1979; 1980; 1981; 1982; 1983; 1984; 1985; 1986; 1987; 1988; 1989; 1990; 1991; 1992; 1993; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2001; 2002; 2003; 2004; 2005; 2006; 2007; 2008; 2009; 2010; 2011; 2012; 2013; 2014; 2015; 2016; 2017; 2018; 2019; 2020; 2021; 2022; 2023; 2024; 2025; 2026; 2027; 2028; 2029; 2030; 2031; 2032; 2033; 2034; 2035; 2036; 2037; 2038; 2039; 2040; 2041; 2042; 2043; 2044; 2045; 2046; 2047; 2048; 2049; 2050; 2051; 2052; 2053; 2054; 2055; 2056; 2057; 2058; 2059; 2060; 2061; 2062; 2063; 2064; 2065; 2066; 2067; 2068; 2069; 2070; 2071; 2072; 2073; 2074; 2075; 2076; 2077; 2078; 2079; 2080; 2081; 2082; 2083; 2084; 2085; 2086; 2087; 2088; 2089; 2090; 2091; 2092; 2093; 2094; 2095; 2096; 2097; 2098; 2099; 2100; 2101; 2102; 2103; 2104; 2105; 2106; 2107; 2108; 2109; 2110; 2111; 2112; 2113; 2114; 2115; 2116; 2117; 2118; 2119; 2120; 2121; 2122; 2123; 2124; 2125; 2126; 2127; 2128; 2129; 2130; 2131; 2132; 2133; 2134; 2135; 2136; 2137; 2138; 2139; 2140; 2141; 2142; 2143; 2144; 2145; 2146; 2147; 2148; 2149; 2150; 2151; 2152; 2153; 2154; 2155; 2156; 2157; 2158; 2159; 2160; 2161; 2162; 2163; 2164; 2165; 2166; 2167; 2168; 2169; 2170; 2171; 2172; 2173; 2174; 2175; 2176; 2177; 2178; 2179; 2180; 2181; 2182; 2183; 2184; 2185; 2186; 2187; 2188; 2189; 2190; 2191; 2192; 2193; 2194; 2195; 2196; 2197; 2198; 2199; 2200; 2201; 2202; 2203; 2204; 2205; 2206; 2207; 2208; 2209; 2210; 2211; 2212; 2213; 2214; 2215; 2216; 2217; 2218; 2219; 2220; 2221; 2222; 2223; 2224; 2225; 2226; 2227; 2228; 2229; 2230; 2231; 2232; 2233; 2234; 2235; 2236; 2237; 2238; 2239; 2240; 2241; 2242; 2243; 2244; 2245; 2246; 2247; 2248; 2249; 2250; 2251; 2252; 2253; 2254; 2255; 2256; 2257; 2258; 2259; 2260; 2261; 2262; 2263; 2264; 2265; 2266; 2267; 2268; 2269; 2270; 2271; 2272; 2273; 2274; 2275; 2276; 2277; 2278; 2279; 2280; 2281; 2282; 2283; 2284; 2285; 2286; 2287; 2288; 2289; 2290; 2291; 2292; 2293; 2294; 2295; 2296; 2297; 2298; 2299; 2300; 2301; 2302; 2303; 2304; 2305; 2306; 2307; 2308; 2309; 2310; 2311; 2312; 2313; 2314; 2315; 2316; 2317; 2318; 2319; 2320; 2321; 2322; 2323; 2324; 2325; 2326; 2327; 2328; 2329; 2330; 2331; 2332; 2333; 2334; 2335; 2336; 2337; 2338; 2339; 2340; 2341; 2342; 2343; 2344; 2345; 2346; 2347; 2348; 2349; 2350; 2351; 2352; 2353; 2354; 2355; 2356; 2357; 2358; 2359; 2360; 2361; 2362; 2363; 2364; 2365; 2366; 2367; 2368; 2369; 2370; 2371; 2372; 2373; 2374; 2375; 2376; 2377; 2378; 2379; 2380; 2381; 2382; 2383; 2384; 2385; 2386; 2387; 2388; 2389; 2390; 2391; 2392; 2393; 2394; 2395; 2396; 2397; 2398; 2399; 2400; 2401; 2402; 2403; 2404; 2405; 2406; 2407; 2408; 2409; 2410; 2411; 2412; 2413; 2414; 2415; 2416; 2417; 2418; 2419; 2420; 2421; 2422; 2423; 2424; 2425; 2426; 2427; 2428; 2429; 2430; 2431; 2432; 2433; 2434; 2435; 2436; 2437; 2438; 2439; 2440; 2441; 2442; 2443; 2444; 2445; 2446; 2447; 2448; 2449; 2450; 2451; 2452; 2453; 2454; 2455; 2456; 2457; 2458; 2459; 2460; 2461; 2462; 2463; 2464; 2465; 2466; 2467; 2468; 2469; 2470; 2471; 2472; 2473; 2474; 2475; 2476; 2477; 2478; 2479; 2480; 2481; 2482; 2483; 2484; 2485; 2486; 2487; 2488; 2489; 2490; 2491; 2492; 2493; 2494; 2495; 2496; 2497; 2498; 2499; 2500; 2501; 2502; 2503; 2504; 2505; 2506; 2507; 2508; 2509; 2510; 2511; 2512; 2513; 2514; 2515; 2516; 2517; 2518; 2519; 2520; 2521; 2522; 2523; 2524; 2525; 2526; 2527; 2528; 2529; 2530; 2531; 2532; 2533; 2534; 2535; 2536; 2537; 2538; 2539; 2540; 2541; 2542; 2543; 2544; 2545; 2546; 2547; 2548; 2549; 2550; 2551; 2552; 2553; 2554; 2555; 2556; 2557; 2558; 2559; 2560; 2561; 2562; 2563; 2564; 2565; 2566; 2567; 2568; 2569; 2570; 2571; 2572; 2573; 2574; 2575; 2576; 2577; 2578; 2579; 2580; 2581; 2582; 2583; 2584; 2585; 2586; 2587; 2588; 2589; 2590; 2591; 2592; 2593; 2594; 2595; 2596; 2597; 2598; 2599; 2600; 2601; 2602; 2603; 2604; 2605; 2606; 2607; 2608; 2609; 2610; 2611; 2612; 2613; 2614; 2615; 2616; 2617; 2618; 2619; 2620; 2621; 2622; 2623; 2624; 2625; 2626; 2627; 2628; 2629; 2630; 2631; 2632; 2633; 2634; 2635; 2636; 2637; 2638; 2639; 2640; 2641; 2642; 2643; 2644; 2645; 2646; 2647; 2648; 2649; 2650; 2651; 26

Vepa H. 432, 500; Carnf. 1.42; ~~525, 25, 26, 28, 32~~; Parag. 1.70; Villaf. 1. 83; Italy; wolle, 4ff 10-12, 35, 34; 521. S. 1.661; 1210. 1.142; -(S. 311a.)

¹¹ V. acuminata, GRUN.-V. t. S. pl. 4 ff 14; Malaisie;

v. Baileiana, Chase. - w. & C. 11.4-2016;

v. borealis, Grun.-Cl. Vega 1.432;

v. 41162, Coll. 1931, 58-215, 1931, 10.1.1931;

v. delicatula, Griseb.-Cl. 13391. 105-df 115; Vase 11.432, 500;

V. t. S. p. 1.4I+I6; Def. S. p. 66I:

(S. r. u. s. l.) -

^a Arabia, Græn.-Det.S. p. 332;

(S.I.U.)--

4. $\forall x \exists y (x \neq y \rightarrow x \neq y)$ (Identity)

Def. S. I. 501: Darruf. p. 43:

(EXILE 16 & Syn. facs.) ---

v. gracilis, Germ.-V. i. S. 11. 4 ff 15b; Parat. 1. 70; Italj: (S. grac.)-

V. hyalina, Grise.-V. i. S. 11. 4 (190, 10); Bull. & T. 1. 74; Walz 1915; 16615;

v. intermedia, Grun.-Det. Syll. 1. 1902;

(S. 1. 11. 6.) -

v. lanceolata, Griseb. - V. l. S. fl. 4 ff 23; Westrup 1897 p. 335;

41 *V. rostrata*, Lammf. p. 43:

+ *Amphicephala*, Cl. 1895 p. 35:

" var. ϕ , Grun. 1862 pl. 12 f 16:

} " *v. pusilla*, A. Cl. 1895 p. 35:

capital 4, all 23 p. 112: from R. Sep 6 E.
alt. 2 p. 112

crystallina. Fortm. Dm. p. 22.

atissima, Dammf. p. 41:

atissima,

" var. "a" sparsa, K. S. d. p. 41:

" " "β" fasciculata, K. S. d. p. 41:

fulgens, Latm. Dm. p. 22:

(C. I. H. A. B., v. 10.) ---

" V. JONES, Part 21. 01-20f377, 330:

-Gibbula; -Gomphorhiza; -Paronia crinacea; -S. ...

EMBRIATA, Cestr. 13374.52-25f14; Notat. 13374.607; Det. S. 1.305:

(Continued) --

¹⁶ V. S. A. 1. 6; R. E. C. F. 129;

Car 1. p. 34:

var. "b" flexuosa, Grun. 13321. 390:

Bellon, Lichon: 1942.1.04; 1942.1.05/:

Villeef. 1.52; Malaisie;

v. angustipetala, Griseb.-V. L.S. 11. 42 f3; T. No. 303; Malaisie;

"A. C. HARRIS, 216 E. 90-22nd St.; Tel. 7-1111."

(Frustulia minuta; -Nitzschia.)----

20; M.C.P.I.13f24; GRN.1362f.403; 1363f.5; ENL.3f.1r3v56; 5621v.13
411; 412; 413; 414; 415; 416; 417; B.B.D.I.140; 141; Cl.1363f.220; 1373f.1f;

Sci. J. No. 556; M.T.P. I-4-3; Lag. 1.1373p.20; Geny Polymer 1.25; Ito 1.1

forma minor, Rabh. H. C. 1.

Gailloni Fortm. D.M. p. 22.

G
racilis,

"var "a" genuina, Grun. ¹⁸⁶²p. 402-8 f 17a-c:
Fortm. D.M. ~~p.~~ 21.

Lycopodium, Herib. p. 222:

+ Kantschatica,
" var., Oestrup Mar. 2. pl. 7 f 85: 1897 p. 336:

Y 1
Lunaris, Mont. H. Aug. 1979.

fulchella, Danief. p. 41. Deppel 1870 p. 3.

" v. genuina, Danief. p. 41.

Salina, Fortm. D.M. p. 22.

Scalaris, G. A. M. pl. 72 + 19.

Opotabensis, mon. Ber 1842 p. 338.

11111111

splendens, (var. β , genuina) -

" forma abnormalis, Grun. 1862 p. 395-8f4:

superba, Furtm. Om. p. 22:

U. L. L. 8. 7. 1936 p. 103: Mg. 35A-12+6: 38-13 $\frac{1}{4}$, 6:
E. abt. 12. 1936 p. 102: Mg. 13. 1936 p. 103:
Nord P. p. 457:

- TABULATA, K.B. p. 63-15110; V.S.A. p. 47; S.B.D. I. 72-1219; Desmaz. I, No. 1453; 2, No. 1053; R.D. Ex. No. 91; Prit. p. 733; Grun. 13321.403; 13331.5; 13341.25; 13351.30; 13361.34; 13371.37; 13381.40; 13391.43; 13401.46; 13411.49; 13421.52; 13431.55; 13441.58; 13451.61; 13461.64; 13471.67; 13481.70; 13491.73; 13501.76; 13511.79; 13521.82; 13531.85; 13541.88; 13551.91; 13561.94; 13571.97; 13581.100; 13591.103; 13601.106; 13611.109; 13621.112; 13631.115; 13641.118; 13651.121; 13661.124; 13671.127; 13681.130; 13691.133; 13701.136; 13711.139; 13721.142; 13731.145; 13741.148; 13751.151; 13761.154; 13771.157; 13781.160; 13791.163; 13801.166; 13811.169; 13821.172; 13831.175; 13841.178; 13851.181; 13861.184; 13871.187; 13881.190; 13891.193; 13901.196; 13911.199; 13921.202; 13931.205; 13941.208; 13951.211; 13961.214; 13971.217; 13981.220; 13991.223; 14001.226; 14011.229; 14021.232; 14031.235; 14041.238; 14051.241; 14061.244; 14071.247; 14081.250; 14091.253; 14101.256; 14111.259; 14121.262; 14131.265; 14141.268; 14151.271; 14161.274; 14171.277; 14181.280; 14191.283; 14201.286; 14211.289; 14221.292; 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15141.568; 15151.571; 15161.574; 15171.577; 15181.580; 15191.583; 15201.586; 15211.589; 15221.592; 15231.595; 15241.598; 15251.601; 15261.604; 15271.607; 15281.610; 15291.613; 15301.616; 15311.619; 15321.622; 15331.625; 15341.628; 15351.631; 15361.634; 15371.637; 15381.640; 15391.643; 15401.646; 15411.649; 15421.652; 15431.655; 15441.658; 15451.661; 15461.664; 15471.667; 15481.670; 15491.673; 15501.676; 15511.679; 15521.682; 15531.685; 15541.688; 15551.691; 15561.694; 15571.697; 15581.700; 15591.703; 15601.706; 15611.709; 15621.712; 15631.715; 15641.718; 15651.721; 15661.724; 15671.727; 15681.730; 15691.733; 15701.736; 15711.739; 15721.742; 15731.745; 15741.748; 15751.751; 15761.754; 15771.757; 15781.760; 15791.763; 15801.766; 15811.769; 15821.772; 15831.775; 15841.778; 15851.781; 15861.784; 15871.787; 15881.790; 15891.793; 15901.796; 15911.799; 15921.802; 15931.805; 15941.808; 15951.811; 15961.814; 15971.817; 15981.820; 15991.823; 16001.826; 16011.829; 16021.832; 16031.835; 16041.838; 16051.841; 16061.844; 16071.847; 16081.850; 16091.853; 16101.856; 16111.859; 16121.862; 16131.865; 16141.868; 16151.871; 16161.874; 16171.877; 16181.880; 16191.883; 16201.886; 16211.889; 16221.892; 16231.895; 16241.898; 16251.901; 16261.904; 16271.907; 16281.910; 16291.913; 16301.916; 16311.919; 16321.922; 16331.925; 16341.928; 16351.931; 16361.934; 16371.937; 16381.940; 16391.943; 16401.946; 16411.949; 16421.952; 16431.955; 16441.958; 16451.961; 16461.964; 16471.967; 16481.970; 16491.973; 16501.976; 16511.979; 16521.982; 16531.985; 16541.988; 16551.991; 16561.994; 16571.997; 16581.1000; 16591.1003; 16601.1006; 16611.1009; 16621.1012; 16631.1015; 16641.1018; 16651.1021; 16661.1024; 16671.1027; 16681.1030; 16691.1033; 16701.1036; 16711.1039; 16721.1042; 16731.1045; 16741.1048; 16751.1051; 16761.1054; 16771.1057; 16781.1060; 16791.1063; 16801.1066; 16811.1069; 16821.1072; 16831.1075; 16841.1078; 16851.1081; 16861.1084; 16871.1087; 16881.1090; 16891.1093; 16901.1096; 16911.1099; 16921.1102; 16931.1105; 16941.1108; 16951.1111; 16961.1114; 16971.1117; 16981.1120; 16991.1123; 17001.1126; 17011.1129; 17021.1132; 17031.1135; 17041.1138; 17051.1141; 17061.1144; 17071.1147; 17081.1150; 17091.1153; 17101.1156; 17111.1159; 17121.1162; 17131.1165; 17141.1168; 17151.1171; 17161.1174; 17171.1177; 17181.1180; 17191.1183; 17201.1186; 17211.1189; 17221.1192; 17231.1195; 17241.1198; 17251.1201; 17261.1204; 17271.1207; 17281.1210; 17291.1213; 17301.1216; 17311.1219; 17321.1222; 17331.1225; 17341.1228; 17351.1231; 17361.1234; 17371.1237; 17381.1240; 17391.1243; 17401.1246; 17411.1249; 17421.1252; 17431.1255; 17441.1258; 17451.1261; 17461.1264; 17471.1267; 17481.1270; 17491.1273; 17501.1276; 17511.1279; 17521.1282; 17531.1285; 17541.1288; 17551.1291; 17561.1294; 17571.1297; 17581.1300; 17591.1303; 17601.1306; 17611.1309; 17621.1312; 17631.1315; 17641.1318; 17651.1321; 17661.1324; 17671.1327; 17681.1330; 17691.1333; 17701.1336; 17711.1339; 17721.1342; 17731.1345; 17741.1348; 17751.1351; 17761.1354; 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19451.1861; 19461.1864; 19471.1867; 19481.1870; 19491.1873; 19501.1876; 19511.1879; 19521.1882; 19531.1885; 19541.1888; 19551.1891; 19561.1894; 19571.1897; 19581.1900; 19591.1903; 19601.1906; 19611.1909; 19621.1912; 19631.1915; 19641.1918; 19651.1921; 19661.1924; 19671.1927; 19681.1930; 19691.1933; 19701.1936; 19711.1939; 19721.1942; 19731.1945; 19741.1948; 19751.1951; 19761.1954; 19771.1957; 19781.1960; 19791.1963; 19801.1966; 19811.1969; 19821.1972; 19831.1975; 19841.1978; 19851.1981; 19861.1984; 19871.1987; 19881.1990; 19891.1993; 19901.1996; 19911.1999; 19921.2002; 19931.2005; 19941.2008; 19951.2011; 19961.2014; 19971.2017; 19981.2020; 19991.2023; 20001.2026; 20011.2029; 20021.2032; 20031.2035; 20041.2038; 20051.2041; 20061.2044; 20071.2047; 20081.2050; 20091.2053; 20101.2056; 20111.2059; 20121.2062; 20131.2065; 20141.2068; 20151.2071; 20161.2074; 20171.2077; 20181.2080; 20191.2083; 20201.2086; 20211.2089; 20221.2092; 20231.2095; 20241.2098; 20251.2101; 20261.2104; 20271.2107; 20281.2110; 20291.2113; 20301.2116; 20311.2119; 20321.2122; 20331.2125; 20341.2128; 20351.2131; 20361.2134; 20371.2137; 20381.2140; 20391.2143; 20401.2146; 20411.2149; 20421.2152; 20431.2155; 20441.2158; 20451.2161; 20461.2164; 20471.2167; 20481.2170; 20491.2173; 20501.2176; 20511.2179; 20521.2182; 20531.2185; 20541.2188; 20551.2191; 20561.2194; 20571.2197; 20581.2200; 20591.2203; 20601.2206; 20611.2209; 20621.2212; 20631.2215; 20641.2218; 20651.2221; 20661.2224; 20671.2227; 20681.2230; 20691.2233; 20701.2236; 20711.2239; 20721.2242; 20731.2245; 20741.2248; 20751.2251; 20761.2254; 20771.2257; 20781.2260; 20791.2263; 20801.2266; 20811.2269; 20821.2272; 20831.2275; 20841.2278; 20851.2281; 20861.2284; 20871.2287; 20881.2290; 20891.2293; 20901.2296; 20911.2299; 20921.2302; 20931.2305; 20941.2308; 20951.2311; 20961.2314; 20971.2317; 20981.2320; 20991.2323; 21001.2326; 21011.2329; 21021.2332; 21031.2335; 21041.2338; 21051.2341; 21061.2344; 21071.2347; 21081.2350; 21091.2353; 21101.2356; 21111.2359; 21121.2362; 21131.2365; 21141.2368; 21151.2371; 21161.2374; 21171.2377; 21181.2380; 21191.2383; 21201.2386; 21211.2389; 21221.2392; 21231.2395; 21241.2398; 21251.2401; 21261.2404; 21271.2407; 21281.2410; 21291.2413; 21301.2416; 21311.2419; 21321.2422; 21331.2425; 21341.2428; 21351.2431; 21361.2434; 21371.2437; 21381.2440; 21391.2443; 21401.2446; 21411.2449; 21421.2452; 21431.2455; 21441.2458; 21451.2461; 21461.2464; 21471.2467; 21481.2470; 21491.2473; 21501.2476; 21511.2479; 21521.2482; 21531.2485; 21541.2488; 21551.2491; 21561.2494; 21571.2497; 21581.2500; 21591.2503; 21601.2506; 21611.2509; 21621.2512; 21631.2515; 21641.2518; 21651.2521; 21661.2524; 21671.2527; 21681.2530; 21691.2533; 21701.2536; 21711.2539; 21721.2542; 21731.2545; 21741.2548; 21751.2551; 21761.2554; 21771.2557; 21781.2560; 21791.2563; 21801.2566; 21811.2569; 21821.2572; 21831.2575; 21841.2578; 21851.2581; 21861.2584; 21871.2587; 21881.2590; 21891.2593; 21901.2596; 21911.2599; 21921.2602; 21931.2605; 21941.2608; 21951.2611; 21961.2614; 21971.2617; 21981.2620; 21991.2623; 22001.2626; 22011.2629; 22021.2632; 22031.2635; 22041.2638; 22051.2641; 22061.2644; 22071.2647; 22081.2650; 22091.2653; 22101.2656; 22111.2659; 22121.2662; 22131.2665; 22141.2668; 22151.2671; 22161.2674; 22171.2677; 22181.2680; 22191.2683; 22201.2686; 22211.2689; 22221.2692; 22231.2695; 22241.2698; 22251.2701; 22261.2704; 22271.2707; 22281.2710; 22291.2713; 22301.2716; 22311.2719; 22321.2722; 22331.2725; 22341.2728; 22351.2731; 22361.2734; 22371.2737; 22381.2740; 22391.2743; 22401.2746; 22411.2749; 22421.2752; 22431.2755; 22441.2758; 22451.2761; 22461.2764; 22471.2767; 22481.2770; 22491.2773; 22501.2776; 22511.2779; 22521.2782; 22531.2785; 22541.2788; 22551.2791; 22561.2794; 22571.2797; 22581.2800; 22591.2803; 22601.2806; 22611.2809; 22621.2812; 22631.2815; 22641.2818; 22651.2821; 22661.2824; 22671.2827; 22681.2830; 22691.2833; 22701.2836; 22711.2839; 22721.2842; 22731.2845; 22741.2848; 22751.2851; 22761.2854; 22771.2857; 22781.2860; 22791.2863; 22801.2866; 22811.2869; 22821.2872; 22831.2875; 22841.2878; 22851.2881; 22861.2884; 22871.2887; 22881.2890; 22891.2893; 22901.2896; 22911.2899; 22921.2902; 22931.2905; 22941.2908; 22951.2911; 22961.2914; 22971.2917; 22981.2920; 22991.2923; 23001.2926; 23011.2929; 23021.2932; 23031.2935; 23041.2938; 23051.2941; 23061.2944; 23071.2947; 23081.2950; 23091.2953; 23101.2956; 23111.2959; 23121.2962; 23131.2965; 23141.2968; 23151.2971; 23161.2974; 23171.2977; 23181.2980; 23191.2983; 23201.2986; 23211.2989; 23221.2992; 23231.2995; 23241.2998; 23251.3001; 23261.3004; 23271.3007; 23281.3010; 23291.3013; 23301.3016; 23311.3019; 23321.3022; 23331.3025; 23341.3028; 23351.3031; 23361.3034; 23371.3037; 23381.3040; 23391.3043; 23401.3046; 23411.3049; 23421.3052; 23431.3055; 23441.3058; 23451.3061; 23461.3064; 23471.3067; 23481.3070; 23491.3073; 23501.3076; 23511.3079; 23521.3082; 23531.3085; 23541.3088; 23551.3091; 23561.3094; 23571.3097; 23581.3100; 23591.3103; 23601.3106; 23611.3109; 23621.3112; 23631.3115; 23641.3118; 23651.3121; 23661.3124; 23671.3127; 23681.3130; 23691.3133; 23701.3136; 23711.3139; 23721.3142; 23731.3145; 23741.3148; 23751.3151; 23761.3154; 237

Alma, - a. cl. 1895 p. 34:

Alma, - a. cl. 1895 p. 34:

vaucheriae,

" var. β , tenuior. Grun. 1862 p. 394:

polymer in - my pl. 33-187101

AMERICANUM, L.W.B.-B.O.N. 1.1351.1.11-2f2-34; Prit. 1.333-7134; V. 1.
S. 1.1.106f2; wolle, 64f33; Malaisie; Det. Syll. 1.1004; ~~207/1874~~ 1874
BICORNE, E.-Abh. Ber. 13451.363; Mik. 1.129, pl. 35A-9f11x; Prit. 1.333-
3f20; M.D. 1.1.43f52; Det. S. 1.1004; ~~207/1874~~ 1874
DAEMON, Grev.-T.M.S. 13331.33-9f22-23; Petit, Nimrou; Malaisie;
Det. Syll. 1.1004;
EXIMUM, --- Grun. in V. 1. S.; Det. S. 1.1004; (Bridgell) 1874
GRACILE, E.-Mik. 1.223; Det. S. 1.1004;
HEMIZOSTER, E.-Abh. Ber. 13451. ---; Det. S. 1.1004;
PALAEMON, E.-Mik. p. 153, pl. 34-3f15; Prit. 1.333;
M.D. 1.1.43f53; Det. S. 1.1004;
SIMPLEX, Grun. - B.O.N. 1.1351.1.11-2f2-34; wolle, 64f33; Det. S. 1.1005;
VENTRICOSUM, E.-Mik. 1.140; Det. S. 1.1004;
VITTI, Grun. - V. 1. S. 1.1.106f4; Det. Syll. 1.1005.

SYRING. - (Corda, 1874)

ANNULATA, Corda, Alenbach Carlsbad pl. 4f45, 46; (Quadratum) ---

SYSTEPHANIA. - (Ehrh, 1844)

---, Cast. 13371.151-30f2;
ACULEATA, E.-Mik. Ber. 13441.272; K.S.A. p. 126;
Prit. 1.332; (Stephanopyxis.) ---
var. "a", Cast. 13371.151-9f3;
var. "b", Cast. 13371.151-30f2;
ANGLICA, Donkin.-M.O. 13311.12-1f14; Carr. p. 93;
(Quadratis; -Thalassiothrix Nordenskiöldi.) ---
CORONA, E.-Mik. B. 13441.272; Mik. pls. 33-15f22; 33-17f13; K.S.A. p. 126;
Prit. 1.332-5f31; M.D. 1.1.43f57; M.T.P. 4-1-3; (Stephanopyxis.)
DIACEA, E.-Mik. B. 13441.272; Mik. 1.1.33-13f11; K.S.A. p. 126;
Prit. 1.333; M.D. 1.1.43f53; Mobile; M.T.P. 4-1-4; (Stephanopyxis.)
IRREGULARIS, Grun.-Cl. & M. No. 257; Atlas 5/13; Det. S. 1.1147 (S'pyxis.) ---
RAIANA, Cast. 13371.151-9f11; wolle, 64f33; A. 1.1.1.1391.1.2f13;
Noc. 1.13391.751; (S'pyxis.) ---

TABELLARIA. - (Ehrh, 1844)

---, Meneg. A.N.D. 1.470; ---, Det. Oss. Bac. 13901.743.
---, E.-Abh. Ber. 13701.1.2-1f55; ---, Prit. 1.121.
AMPHICEPHALA, E.-Mik. Ber. 13401.22; K.B. p. 127; K.S.A. p. 119; Prit.
p. 307; R.E.D. p. 301; (T. bicolor, v., & flocculosa, var.) ---
AMPHILEPTA, E.-Abh. B. 13441.144; Mik. 1.1.3-4f32; Prit. 1.307;
R.E.D. p. 301; Det. Syll. 1.745;
ANTILLARUM, Crozet.-Alg. Gaudichon 1.7; Det. S. 1.1423;
BACILLUM, E.- ---; Prit. 1.307; Det. S. 1.745;
BICEPS, E.-Mik. 1.137; Mik. pls. 3-1f21; 15(A)f74; 15(B)f32; 15-1f21a, b;
15-2f38; R.E.D. p. 301; K.B. p. 127; K.S.A. p. 119; Det. S. 1.745;
(Tab. ventricosa.) --- ~~207/1874~~ 1874
v. amphicephala, E.-Mik. 1.1.3-1f42; (S'pyxis.) ---
BINALIS, Grun.-V. 1. S. 1.1.44f23; Det. Syll. 1.745;
(Fragilaria; -Tetracyclis.) ---

+ fenestrata; Tolsta p 428 a. cl. 1895 p. 37: Oestrup 1897 p. 341:

+ flocculosa, a. cl. 1895 p. 37: Oestrup 1897 p. 341:

Travels - Misc. pl. 33-12+32

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- SCULPTA, E.-Abh. 11.1-210; (Grev. 11.1-210);
 SEMI, E.-Mik. 1.122; Prit. 1.107; Del. Syll. 1.740;
 SILECULA, E.-Mik. 1.133; 72; Del. S. 1.740;
 THERMALIS, Grev. 11.1-210; Del. S. 1.141;
 THALASSI, Olf. 1.1-210; Vol. 1.133; Del. S. 1.740;
 TRINOIS, E.-Abh. 11.1-210; Mik. 1.133; 210; Del. S. 1.740;
 23, 27; 35A-7f27; 33-17f21, 22; Abh. B. 133p. 1.1a, f2; Del. S. 1.740; (1. f. 1.)
 TROCHUS, E.-Abh. Ber. 1375p. 133; Del. S. 1.745;
 UNDULATA, E.-Mik. p. 35; Prit. p. 307; Del. S. 1.745;
 VENTER, E.-Mik. 1356p. 72; Abh. Ber. 1371p. 1.1, f3; Del. S. p. 745;
 VENTRICOSA, K.B. p. 127-30f74; K.S.A. p. 113; R.S.D. p. 33-10f5; R.A.L. s. 10
 No. 1013; Mill; Prit. p. 307-1312; Law. Vol. 1.1-7f1-4; R. 1.1, 1.1013;
 R.E.D. 1.301; Hoffm. 1.1013; (1. f. 1013, var. 1, x 1013.)
 VULGARIS, E.-Abh. Ber. 1333p. 55; Mik. 1.1s.
 33-3f20; 34-12b, f2a, b; 35A-13f5;
 39-3f120-122; Grev. 1331p. 353, f192 s. 10;
 var. "a", E.-Mik. 1.1. 15(A) f75; (Mik. 1.1. 15(A) f75)
 var. "b" Grev. 1331p. 353, f192 s. 10; 3-112; 3-112; 4-112;
 4-212; 4-3123; 5-1133; 5-2f17; 5-3f54; 5-1141; 5-(112; 2137; 312)
 17-1115; 17-2f12; 14155; 15(A), f73a, b; (Mik. 1.1. 15(A) f75)
 (Tab. fenestrata & trinoidis.)

TABULARIA.-(K. 5. 1. 1.)

A Subgenus of Syneura:---

Vide Menz. A.N.D. 1.400; K.B. p. 37; K.S.A. p. 43;

TABULINA.--(Grev. 1847)

TESTUDO, Br. n.-Br. & Temp. p. 59-3f8; Del. Syll. p. 399;

TEMACHUM.--(H. 1. 1. 1.)

- HYEMALE, wallr. -Flora Cryptog. Germ. (Quadratum.)--
 PECTINALE, wallr. -Flora Cryptog. Germ. (Pectinatum.)--

TEREBRARIA;: (1. 1. 1. 1.)

- , Grev. 1331p. 47-23f1, 2;
 ANTARCTICA,
 BARBADENSIS, Grev. -T.M.S. 1334p. 9-2f12, 13; Del. Syll. 1.710;
 MERGUELENSIS, Olf. -J.L.S. 1377p. 56-1f4; Del. S. p. 710;
 (Trachysphaeria Australis, v.)

TERPSIDIA.--

- , Bailey, A.J.S. 1345p. 321-4f1-5; London Clay;
 --, Muller 1331p. 1-14; Atlantic City;
 --, Menz. A.N.D. 1.472;

ACUTA, Br. n.- (Acutulum.)----

- AMERICANA, Bailey. -Prit. p. 389; Grev. 1334p. 23; M.T.P. 1-5-12, 13;
 J.D.C. 1331p. 76; 1331p. 1331; Part. 1.1-47-3f1-2, 1.3f1; 1331p. 1331;
 Del. S. p. 395; (1. 1. 1. 1.)

Brebissonii Moller Cat. 1897 p. 23: - ?

India.

" var. α , K.Sa p. 119:

musica, Abh Ber. 1849 p. 8

TERPSINOR.

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- var. *triflorus*, Part. Ip. -pls. 4f35; 3f53; 2ff193; 27f26f;
~~*cammarum*~~ 174; Brin & T. p. 74; Atlas pl. 159f3;
 SIATICA, E. -Abh. Ber. 1343p. ; Prit. p. 359; Det. Syll. p. 395;
 (Tetragramma Americana & As.) ---
 AUSTRALIS, E. -Mik. p. 11; Prit. p. 359; Det. Syll. p. 395;
 BRASILIENSIS, E. -Mik. p. 311; Prit. p. 359; Det. Syll. p. 395;
 RUMII, Part. Cf. -17f25f; Det. Syll. p. 395;
 INDICA, E. ~~Mon.~~ Ber. 1345p. 313; V.S.A. p. 119; Prit. p. 359;
 Det. Syll. p. 395; (Anallus Ind.) -
 INFLATA, Brin, 139Ip. 46-2ff4; Det. Syll. p. 395; ~~Atlas 199f1-199f2~~
 INTERMEDIA, Part. II. 47-17f15f; 2, p. 32; Det. Syll. p. 395; ~~Atlas 199f1-199f2~~
 var., Vail & Sel. -T.B.C. Vol. 1. 1. 200-93f2, 2a; Woll. 73f1, 2;
 JAPONICA, E. -Mik. p. 153, pl. 34-3f15; Prit. p. 359; Det. Syll. p. 395;
 JAVANENSIS, E. -Mik. pl. 31-3f15 --- Error in print --- 250 "Japanica" ---
 LYBICA, E. -Mik. p. 13; Prit. p. 359; Det. Syll. p. 395; (Tetragramma Lib.) -
 MACNA, L.W.B. -B.O.N. 1. 133Ip. 340-2f45-43; Woll. 31f7; Det. Syll. p. 395;
 MINIMA, L.W.B. -B.O.N. 1. 133Ip. 340-2f54; Woll. 31f12;
 MUSICA, E. -Amer. p. 1123-4f1; 3-7f30; Mik. pls. 34-(5a, f10--3af8, 3x--3b, f2);
 V.B. p. 123-29f94; 30f72; V.S.A. p. 119; Bailey & A. pl. 9f12, 13; R.S.D.,
 33, pl. 10; Prit. p. 359-11f47; B.O.N. 1. 133Ip. 340-2f52, 53; M.D. pls.
 14f13; 19f10; Q.S.S.S. 133p. 191; Grin. 133p. 23; Ell. 9. 7. No. 93; ~~Woll.~~
~~E. & R. 1. 70~~; Cl. & N. No. 22; St. Sp. 7. No. 590; H.T. p. 1-5-9 13 II; A.V.
 M.J. 133p. 311; 139Ip. 1. 1f5; Macdonald pl. 10f50; 136. Centraln. 133p.
 209; Mobile: J.R.M.S. 133p. 794; J.M. 133p. 223; 136. Det. 136. 136p. 113.
 136p. 131, pl. ; Woll. 31f13-15; Vill. 1. 1. 36; Det. Syll. p. 395; -(Tetragramma)
 Pelletan Diat. p. 126, f335; ~~Atlas 199f9-1313~~
 POLYGIBBA, Part. Cf. -2ff310; Det. Syll. p. 395;
 PRIMORDIALIS, Brin. - (Anallus p.) ---
 TETRAGRAMMA, L.W.B. -B.O.N. 1. 133Ip. 340-2f50, 51; Det. Syll. p. 395;
 TRILOBATA, Clave. 136. Vol. 2, No. 22, p. 207;
 TRIQUETRA, Part. Cf. -26f390; Det. Syll. p. 395;
 TESSELLA. - (E. & R. 1834)
 --, Lobarzewski, Linna 1340p. 270-4f2; (Rhabdonema ~~det. at 1834~~)
 --, Meneg. A.N.D. p. 465; --, ~~Atlas 199f1-199f2~~
 ARCUATA, Ehrb. -Inf. p. 202;
 (Achnanthes; Diatoma a. & striatulum; -Striatella a. & unipunctata.) ---
 CATENA, E. -Inf. p. 202-2010; Mik. pls. 2ff19a, b; 2ff5; A.S.S. 134p.
 102-2f39; A.M.N. 1. 1343p. 104-2f1; Prit. 1352p. 1. 3f130;
 (Rhabdonema arcuatum & minutum; -Striatella arcuata.) --
 CYALINA, Janisch & R. p. 13-2f3; (Striatella.) --
 INTERRUPTA, E., Inf. p. 202; V.B. p. 125-13f4; V.S.A. p. 114; Prit. p.
 304-3f5; M.D. pl. 14f35; Lewis, 186 Res. p. 33; D.P. 1. C. 1. 320-29f7;
 St. Sp. 7. No. 591; Woll. 43f13, 14; ~~Atlas 199f1-199f2~~ (Striatella.) ---
 PEDICELLATA, Dujardin. -200p. 1. 1. 370-20f14; -(Striatella unipunctata.) -
 STRIATA, Wiland. -New. Vol. 2. 1. 43-7f22; (Striatella s.) --

Emarginatus, Henb. p. 158:

+ Lacustris C.

" v. maxima, a. c. 1895 p. 37-1 f 39:

> *gelatinosa*; Hoff. Bay. p. 2 f. 14. Oct. 1847 p. 245.
Cl. 1847 p. 15; Aug. 8. u. Ker. 1846 (4) p. 12-23 12-16.

> *gelatinosa*; Hensen: - (Cosc. excent. v. gelat.)

Toxoneura

aperta

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- DOBIA, Fortm.-Ann.Bot.Buit.1392p.46-7f4; Del.Syll.1.110f;
 NORDENSKIÖLDII, Cl.1373p.6-1f1; Cl.&M.No.51; Vega p.439; V.i.S.
 pl.63f9; T.No.443; Grun.1334p.189; Sm.Spl.1.15.595; Del.S.1.110f;
 (Systephania Angelica.)-- *Retzsch 1897 p.345: CC 189*
 var., Castr.1337p.96-30f4;

THALLASSIOIRIX. - (Greville, 1843)

- CURVATA, Castr.1337p.55-24f6; Nodal.1339p.595; Del.Syll.1.112f;
 ELONGATA, Grun.-V.i.S.pl.37f9; Del.S.p.673; (Clavella filiformis.)--
 FRAUENFELDII, Grun.-Cl.&M.No.145; 1330p.109; V.i.S.pl.37f11,12;
 Castr.1337p.54-14f7,8; Villef.p.63; Del.S.1.672; CC 189
 (Asterionella F. & synedraformis.)----
 v.Arctica, Grun.-V.i.S.pl.37f14; Vega p.438; Del.S.p.672;
 v.Javanica, Grun.-V.i.S.pl.37f13; Brun. & T.1.74; Del.S.1.672;
 v.tenella, Grun.-V.i.S.pl.37f15; Vega p.438; Del.S.1.672;
 LONGISSIMA, Cl.&Grun.-Cl.1339p.103; Cl.&M.No.126; Sm.Spl.1.15.594;
 A.S.M.1379p.101; V.i.Type No.252; Vega p.438; Villef.p.63; Grun.1334
 p.74; Del.S.p.672; *Retzsch 1897 p.347* (Synedra thalassioirix.)
 v.Antarctica, Grun.-V.i.S.pl.37f10; Del.S.p.672;
 MARINA, Grun.-V.i.S.pl.37f8; (Meridion; -Opephora; -Scythionis.)-
 NITSCHOIDES, Grun.-V.i.S.pl.43f7,10; Malaisie; Del.S.1.672;
 v.acuminata, Part.1p.35-25f246; Del.S.1.673;
 v.Javanica, Grun.-V.i.S.pl.43f11,12; (Aster.11aen.)
 v.lanceolata, Grun.-V.i.S.pl.43f8,9; Villef.p.63; Malaisie;
 v.obtusa, Grun.-V.i.S.pl.43f13;

THAUMALEORABDIUM. - (Trevisan, 1843)

- , Trevisan, in Alp.Cocotalle 1843p.95; -(Striella unilamellata.)

THAUMALEORABDIUM. - (Trevisan, 1843)

- COMPLANATUM, Brun.-LeD.Vol.2, p.244-19f5;
 COSTATUM, Grev.-T.N.S.1365p.97-315; Rattl.Rev.1.673; Del.S.1.102f;

THAUMALEORABDIUM. - (Trevisan, 1843)

- , ???-(Eimotia costalinea.)-
 FRAUENFELDII, Grun.-DeToni,Syll.1.677; (Synedra.)-
 v.Doljensis, Part.-DeToni,Syll.1.677; "
 HENNEDYANUM, Grun., in V.i.S.-Del.S.1.677; "
 ROSTRATUM, Hantzsch 1334p.19-5f4; Malaisie; Del.S.1.677; "
 UNDULATUM, Grun.-DeToni,Syll.1.677; "
 UNDULATUM, Bailey N,S,M,15,f24-25; Breb.Verm.1.9f3; Del.S.1.677;
 (Synedra Henedyana, undulans & l.)----

TOXONIDEA. - (Greville, 1843)

- BALEARICA, Cl.&M.No.151; Part.1p.23-9f11,15; Del.Syll.1.127f;
 (T.Gregoriana,var.)

Trachysphaenia.

Australis, Petit, Cap Horn.

.. var. Aucklandica, Gun. - V.H.S. pl. 37 f 1:

Det. Syll. p. 645: - (Rhaponeis Aust.) -

" " " " Cl. Vega p. 500 - 37 f 54:

" " " " " " - Det. Syll. p. 645: - [Peninsula,] -

Trachyneis.

+ aspera, Oestrup 1897 p. 318:

- BRUNII, Cleve Navic.p.193: (Navicula B.)--
 CLEPSYDRA, Donkin: -Cl.Nav.p.192: (Nav.c.)--
 " v.Scotica, A.S.-Cl.Nav.p.193: (Nav.S.)--
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 " v.oscillifera, Cl.Nav.p.193: (Alloioneis Debyi.)-
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 VELATA, A.S.-Cl.Nav.p.194: (Nav.Australis & vel.)---

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 --, Bailey,A.J.S.1845p.335-4f25: --, Meneg.A.N.S.p.487.
 --, Bailey,A.J.S.1843p.12-3f29: --, Wille pl.103f9,11:
 --, Amer.Nat.1863p.510-13f27,35: --, A.S.Atlas 152f14,16.
 --, Weisse 1854p.242-1f22; --, A.S.Atlas 151f25-27,42.
 --, Girard Foss.p.10-1f15; Girard Foss.p.14,pl.4;
 --, J.R.M.S.1890p.426-7f3;
 ABERCROMBIEANUM, Grev.-T.M.S.1861p.83-10f7-9: (Entogonia A.)-
 ABYSSALE, Casti.18371.111-13f6; Notar.18391.399; Del.Syll.1.950;
 ABYSSORUM, Grun.-V.A.S.pl.113f1,2; Atlas pls.33f13,19;
 Del.S.p.946,947: (Biddulphia.)--
 " v.Saratoviana, Part.2p.33-3f99; Del.S.p.957:
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 ACULEATUM, Grev.-T.M.S.18611.45; Wille,2f121; Del.S.p.955:
 ACUTANGULUM, Grev.-T.M.S.18641.73-13f12; V.A.S.pl.110f12:
 Part.2,p.33: (Amphitetras; -T.Grover.-T.Nankooresis,v)
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 weisse 1854p.242-1f21; Gu.p.307-2f65; Prit.p.357; London Clay;
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 ADSPERSUM, A.S.,Atlas 76f1; Del.S.p.936; (Stictodiscus.)-
 AFFINE, Grun.-V.A.S.pl.103f3; Del.S.p.936; (Odonotella; -T.distinctus.)
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 ALBIFRONS, Brun.-Atlas pl.166f9:
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 ALTERNANS, Bailey M.D.1.40; Sonna.1.14,f55,56; M.J.1853p.251-4f14;
 Grev.D.C.p. ; S.B.D.11.26-5f45; 30f45; Prit.1.354-3f21; Can.1.97:
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 3.p.62; Mill; R.A.D.1.313; OPM.I.D.1.273-27f11; Mollis; Petit Cat.
 1.36; Lagn.1873p.15; V.T.P.4-5-7; Cl.1873p.17; Deby Polu.1.25; Atlas
 73f9-20; V.A.S.pl.113f6; T.No.505; Wille pls.100f13,13; 106f2; Willef
 1.39; Del.S.p.935; (Amphitetras; -Amphitetras; -Biddulphia.)-
 Fortune M.p.25:
 ALVEOLATUM, Bergon.-LeD.Vol.1p.4-1f7; Del.S.p.964;
 AMBLYOCEROS, E. Agh. Ber.1844p.35; Mik.pl.131f1; M.J.1853p.250-4f11;
 Prit.1.357; OPM.I.D.1.273-27f12; Wille 77f3; Del.S.p.970:
 (Actinoptychus; -Schuettia; -T.Americanum.)---
 " v.Nankooresis, Grun.1863p.103; Del.S.p.971:

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arcticum,
|| v. quadrata, GS. J.Q.C. 1886 p. 326:

- AMERICANUM, Rafs. Prit. p. 355; Atlas 76f3, 23; 159f5: Atlantic City;
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 Cl. Java p. 6; Det. S. p. 973; (Actinoptychis; -Schistella
 ANTIARCTICUM, Jan. -Atlas 79f7; Det. S. p. 910; -(Tr. arcticum, v.; -Amphitetras)
 ANEDILUVIANUM, Grun. 1333p. 14; M. T. P. 4-5-5; V. A. S. pl. 109f4, 5;
 J. Q. C. 1335p. 171; Villet. p. 59; Wollé pl. 104f2;
 (Amphitetras; -Biddulphia; -Odontella.) --
 ANTILLARUM, Cl. 1373p. 16-5f29; Atlas 99f14; Wollé, 101f1;
 (Amphitetras; -T. latum.) -
 ANTIPODUM, Pant. 3p. -36f514; Det. S. p. 971;
 ANTIQUUM, Pant. 1p. 51-13f115; 2, p. 33; Notar. 1333p. 625; Det. S. p. 930;
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 ARANEOSUM, Grev. -T. M. S. 1335p. 33-31f7; Det. S. p. 925;
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 icones; Raab. Alg. 224p. -Eil. Sp. 7. No. 12, 97; Grun. 1333p. 24; Cl. x
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 Malaisie; M. M. J. 1373p. 105; M. T. P. 4-5-6; J. Q. C. 1335p. 139; 1336p. 323;
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 v. Antarctica, Cl. 1330p. 111; Atlas 97f7; Det. S. p. 921; -(Tr. Ant.) -
 v. Californica, Grun. -Atlas 79f5, 6; Wollé, 105f5, 3; (Amphitetras)
 v. Japonica, A. S., Atlas 76f29; 79f10, 11; Malaisie;
 v. Karafutense, Grun. -Cl. 1330p. 111; Grun. 1337p. 107-11f5, 7;
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 var. lucida, Brun & Temp. p. 74;
 v. Neapolitana, Grun. -Cl. 1330p. 111; Det. S. p. 921;
 v. quinquelobata, Grun. -Cl. 1337p. 111; Det. S. p. 921;
 J. Q. C. 1337p. 137; (Tr. quin.)
 v. robusta, Witt 1333p. 22-6f11;
 v. Samoense, Grun. -Det. Toni, Syll. p. 921;
 v. Spitzbergenensis, Grun. -Cl. 1330p. 111; Voss 1. 432; Det. S. p. 921;
 v. tetragona, Grun. -Cl. 1330p. 111; Det. S. p. 921; (Amphitetras.) -
 v. vulcanica, Brun & Temp. p. 74;
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 v. venosa, A. S. Atlas 77f14;
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- ARIEFINUM, A.S., Atlas 93f19-21; Pant. 2, p. 33; Det. Syll. p. 933;
 ARMASEVSKI, Pant. 3p. -11f13; Det. S. p. 933; (T. var. *tricus*.) ---
 ARMIATUM, Roper, M.J. 1354p. 233- f1: 1354p. 274-17f19; G.O.C. 2, p. 33;
 Mull; Grun. 1363p. 24; Carr. p. 95; Petit Cat. p. 36; Cl. 1373p. 15;
 Vega p. 509; (T. spinosum.) --
 ' var. "a", Roper, M.J. 1354p. 274-17f10; (T. compactum.) --
 ' var. "b", Rop. -M.J. 1353p. 274-17f11; (T. spinosum.) --
 ' var. "c", Roper, M.J. 1353p. 274-17f12; (T. horridum.) --
 ' var. "d", Casti. 1337p. 109-5f1; ---
 ARROGANS, Witt 1333p. 23-7f14; Det. Syll. p. 932;
 ATLANTICUM, Casti. 1337p. 111-17f13; Notar. 1339p. 399; (T. *tricus*.) --
 ATOMUS, Grev. -T.M.S. 1365p. 10-2f22; Det. Syll. p. 970;
 ATTENUATUM, Grev. -T.M.S. 1364p. 90-13f10; Det. S. p. 924;
 ' forma quadrata, Gl. & Grun. -LeD. Vol. 2p. 71-11f3; (T. *tricus*.) --
 ' var., Cl. & Grun. -LeD. Vol. 2p. 71-11f4; (T. *tricus*.) --
 AULISCOIDES, Grove & Sturt. -J.Q.C. 1337p. 73-6f16; Det. S. p. 954;
 -Notar. 1337p. 350;
 BALEARICUM, Grun. & Cl. -N.L.K.C. p. 25-3f73; Cl. & M. No. 154; Atlas 11s.
 93f20, 21; 99f21; Villef. p. 39; Malaisie; Pantoe. 2, p. 33;
 (T. *productum*, var., & Sturtii.) --
 BALANIFERUM, Brum & Temp. p. 59-3f4; LeD. Vol. I, pl. 3f3; Vol. 2, No. 20,
 -Note; Atlas 159f1; Det. S. p. 943; (Capsula B.) ---
 BARBENSE, Grev. -T.M.S. 1361p. 44-11f12; J.Q.C. 1337p. 133-11f14;
 Witt 1333p. 22-7f27; Det. Syll. p. 965;
 BASILICA, Brum. -Atlas 173f10; Det. S. p. 910; (Amphitetras.) --
 BERGONI, Brum & Temp. p. 59-3f13; Det. S. p. 913;
 BICORNE, Cl. 1373p. 17-5f30; Fortm. Cey. p. 60-9f99; Malaisie;
 Atlas 73f24, 25; (Amphitetras; -T. *tricus*.) --
 BIDDULPHIA, Heib. p. 41-2f3; Cl. 1363p. 213; R.E.C. p. 313;
 (Bidd. rhombus, var.)
 BIHARENSE, Pant. 3p. -37f524; 40f549; Det. S. p. 971;
 BIMARGINATUM, Grove & Sturt. -J.Q.C. 1337p. 73-6f15; Notar. 1337p. 350;
 Atlas 127f11; Det. S. p. 954;
 BIRADRIATUM, Jar. -Atlas 93f4-5; Wille, 1911p. 17; Malaisie;
 Pant. 2, p. 33; Det. S. p. 909; (A' tetras.) ---
 BLANDITUM, Grev. -T.M.S. 1361p. 72-3f17; Atlas 77f42; (A' tetras.) --
 BLANDUM, Witt 1335p. 32-11f10; Atlas 111f13-15; Pantoe. 2, p. 33;
 Det. Syll. p. 943;
 BORYANUM, Pant. 2p. 33: 3pl. 33f473; (T. *Grovei*, v.: -Amphipent.) ---
 BOWERBANKIANUM, Ralfs, Prit. p. 959; Det. S. p. 972;
 BRACHIATUM, Brtw. -M.J. 1353p. 274-17f3; Prit. p. 354;
 Atlas 77f22-24; Det. S. p. 963;
 BRACHIOLATUM, Brtw. -M.J. 1353p. 243-4f2; Pet. Cat. p. 33; (T. *tricus*.) --
 BRANDTII, Pant. 3p. -25f379; Det. S. p. 946;
 BRAVINERVIUM, Grev. -T.M.S. 1361p. 101-9f23; Cl. 1373p. 17-5f31;
 BRIGHELLEII, West. -T.M.S. 1361p. 149-7f15; Prit. p. 355; Carr. p. 95;
 Malaisie; Atlas 152f10-13; (T. *tricus*; -T. *tricus*, A.S.) ---

carbonarium, Op. 4, p. 155

- * *v. inaequalis*, Bailey.-Grün., V.H.S. (Ditylum i.)---
- * var. "b" tetragona, Ralfs, Plt. 1.355: (Dit. 1.355.)
- * *v. trigona*, H.V.H.S.
- BROECKII, Fortm. Cey. p. 61-6f53; Atlas 32f12, 13; Det. Syll. 1.922;
- BROWNEANUM, Grev.-T.M.S. 1361p. 72-3f16; Wollé, 101f10;
- Malaisie; Det. S. p. 942;
- BRUNII, Pant. 1. 51-19f173; 23f274; 2, p. 39; Notar. 1333p. 620;
- Det. S. 1.950;
- BULLATUM, Grove.-Led. Vol. 1. 5-1f3; Det. S. p. 932;
- BULLOSUM, Witt, J.M.G. 1373p. 67- f4; Hedw. 1373p. 55, 124; Malaisie;
- Atlas 73f32-35; Wollé, 100f3: (T. dubium.)--
- CACUCEUM, Pant. 3p. -3f1523; Det. S. p. 971;
- CAELATUM, Car. -Atlas 31f19; J.Q.C. 1333p. 323; Det. Syll. 1.943;
- Proc. New Y. Mo. Soc. 1335p. 110-5f5, 5a;
- CALIFORNICUM, Grün.-V.H.S. pl. 103f11; Wollé, 99f7: 105f13;
- Det. S. p. 955: (Quontella c.)-
- CALVESCENTES, Cast. 1337p. 107-9f1; Not. 1339p. 599; Det. S. 1.957;
- CAMPEACHIANUM, Grün.-M.J. 1374p. 319; Cl. 1373p. 16-5f23;
- Wollé pl. 110f2: (Amphipentas.)-
- CANALIFER, Brun.-Atlas 152f20; Br. 1391p. 47; (Amphitetras.)-
- * var., Brun 1391p. 47-2f9:
- CANCELLATUM, Grev.-T.M.S. 1365p. 9-2f17; Grün. 1333p. 103; Det. S. p. 937;
- * var. minor, Walker & Chase 2p. 9-3f16; Bot. C'blat. 1337p. 131;
- Det. Syll. 1.937;
- CANCELLATUM, Grove & Start.-J.Q.C. 1333p. 329-19f19: -(T. pseudo-nervatum)
- CAPITATUM, Ralfs, T.M.S. 1361p. 43-4f10; Atlas 96f25;
- J.Q.C. 1333p. 325: (T. violaceum.)--
- CARIBAEUM, Walker & Chase 2p. 3-3f11; Det. S. 1.942;
- CARINATUM, E.-Abh. Ber. 1355p. 303; 1375p. ; Det. Syll. 1.972;
- CARIOSUM, Cast. 1337p. 103-3f3; Notar. 1339p. 599; Det. S. 1.941;
- CASTELLATUM, West.-T.M.S. 1360p. 147-7f6; Plt. 1.354-3f19;
- J.Q.C. 1333p. 326; Walker & Chase 1p. 2-3f10; Det. S. 1.955;
- * *v. fracta*, Walker & Chase.-Grün.-Atlas 167f7, 8: (T. fractum.)---
- * *v. major*, A.S., Atlas 73f2; 83f16;
- CASTELLIFERUM, Grün., Atlas 128f9; 152f16;
- Led. Vol. 2, No. 22pl. 21f17; (Hemiaulus.)---
- * var., A.S., Atlas 128f17, 18;
- CASTRACAEI, Pant. 1. 51-29f239; Notar. 1339p. 323; Det. S. 1.955;
- CAUDATUM, Witt 1335p. 32-11f4; Atlas 111f18-23; Pantoc. 2p. 39;
- Det. Syll. 1.943;
- CELEBENSE, A.S., Atlas 77f40; Det. S. 1.971;
- CELLULOSUM, Grev.-T.M.S. 1361p. 44-4f14; Atlas pl. 95f23-32;
- Walker & Chase 2p. 3-4f3; Det. S. p. 929;
- * *v. Japonica*, Brun & Temp. p. 61-6f13; Det. Syll. 1.940;
- * *v. major*, Walker & Chase 2p. 3-4f3; Bot. Cult. 1333p. 131; Det. S. p. 940;
- * *v. Simbirskaiana*, Witt 1335p. 32-11f3-10; Pant. 2, p. 39;
- Atlas 111f30-33; 112f4; Det. S. p. 940;

Crenulatum,

"forma gibbosa, Gr. J.Q.C. '87 p. 7-254.

CINNAMOMEUM, Grev.-M.J.I363p.232-10fI2; Atlas I3If23,24; Cl.Vega p.
509; Wollé,85fII; IO5fI3; Del.S.l.974; -(Cestodiscus; -Pseudo-tric.)-
CIRCULARE, Grun.,V.H.S. Del.Syll.p.955: (Lamproseus c.)
COERULESCENS, Pant.3p. -I3f235; (Amphitetras; -T.vericolor.)--
COLUMBI, Witt I333p.22-2f5-7; Atlas II2f20; Del.S.p.968;
COMPACTUM, Brtw.MSS.; -Prit.1.853; Del.S.p.972: (T.armatum,var.)-
COMPAR, A.S.,Atlas 3IfII; Del.S.p.946;
COMPTUM,E.-Abh.Ber.I343p.I36; M.J.I353p.249-4f4; I354p.233,f2; Prit.
p.357; Carr.p.96; Fortm.Cey.p.60; Del.S.p.972: (T.favis,var.?)
CONCAVUM, Bailey & Harvey p.I3I-9f24-26; Prit.p.353; Del.S.p.970;
CONCILIATUM, Pant.2l.39-2If325; (Amphitetras.)-
v.validior, Pant.2p.39-2If327; (Amphitetra c.,var.)
CONCIANUM, Grev.-T.M.S.I364p.I3-2f7; Grun.I363p.I03;
J.Q.C.I337p.I33; Del.S.p.950;
CONDECORUM, E.-Abh.Ber.I344p.272; K.S.A.l.I40; M.J.I353p.250-4fI2;
Prit.p.357; Atlas 11.73f27; J.Q.C.I337p.I33; Atlantic City; Oamaru
Wollé,I02f6; Part.Ip.52-I3fI46; 2,p.39; Del.Syll.p.932;
v.Neogradensis, Pant.Ip.52-27f256; 2,p.39:
Notar.I333p.320; Del.S.p.932;
CONFIFERUM, Brtw.-M.J.I356p.274-I7f3; Prit.p.353; Atlas 96f27-3I;
Walker & Chase 2p.3-3fI7; (Trinacria c.)-
CONSIMILE,Grun.-V.H.S.pl.I03f2; Atlas 34fI3,I4; Wollé,99fIO; IO3f6;
Del.Syll.p.926; (Quontella.)---
CONSTANS, Grev.-M.J.I363p.233-IOf7; Del.S.p.920:
CONSTELLATUM, Brun & Tp.p.3I-3fI2; Atlas I59fIO; Del.S.p.923;
CONTORTUM, Shaub.-T.M.S.I354p.I5-I7f; Prit.p.353-3fI3;
Atlas 37f9-II; (Biddulphia & Denticella Indica.)--
CONVEXIUSCULUM, A.S.,Atlas pl.I5If5,6;
CONVELUM, Grev.-T.M.S.I362p.27-3f6; Del.S.p.950: (T.m...)-
CORDIFERUM, Grove & Sturt.-J.Q.C.I337p.I36-IIIf23; Del.S.p.95I;
Notar.I337p.354;
CORNUUM, Grev.-T.M.S.I36Ip.45,69-3f3; V.H.S.pl.I03fI2,I3;
(Quontella c.)
CORONATUM, Castr.I337p.I03-6f7; Notar.I339p.699; Del.S.p.9I6;
COUTOURIANUM, Br.& Tp.-Led.Vol.I,I390p.32-4fI; Del.S.p.939;
COSCIINOIDES, Grove & Sturt.-J.Q.C.I366p.327-I9fI3; Atlas I5If35,36;
Notar.I337p.350; Del.S.p.922; (Pseudo-tric.)-
v.quadrata, .Grove & Sturt, in J.Q.C.I337p.75:
CRASSUM, Shaub.-T.M.S.I354p.I5; Prit.p.357; Del.S.p.954;
CREBRESIRIATUM, Grove.-Led.Vol.II.5-2f7; Del.S.p.939;
CRENATUM, Kitton.-Prit.p.939; Carr.p.96; Atlas I5IfI6;
(Discoidea undulata.)---
CRENULATUM, Grove & Sturt.-J.Q.C.I337p.7-2f3; Notar.I337p.35I;
Atlas I73f9; I23f20,2I; Del.S.p.937; (Lamproseus; -T.gibbosum,var.)-
CRISTATUM, Pantoc.3p. -I4f2I3; Del.S.p.946;
CRUCIATUM, Fortm.Cey.p.59; Cl.I373p.I7; Malaisie; (Amphitetras.)-
CRUCIFERUM, Kitton.-Grun.I363p.24: (Raphoneis amphiceiros.)
CRUCIFORME, A.S.,Atlas 77f4I; Del.S.p.9IO: (Amphitetras.)-

: : : : : :

CUCULUTION, Pant. 2p. 39-141231; 22f333; Del. Syll. 1. 951:

* v. *disseminato-punctata*, Pant. 2p. 39-141239; Del. S. 1. 951; (Non-descript.)-* v. *laticor*, Pantoc. 2p. 39-22f333; Del. S. p. 934;* v. *validior*, Pant. 3p. -31f443;

CULTUM, A. S., Atlas 135f3, 5x: Del. S. p. 910: (Amphitetras c.)----

CUNEATUM, A. S., Atlas 123f13; Del. S. p. 936: (Lithodesmium ?)----

CURVATO-VITTATUM, A. S., Atlas 95f22-23; Pant. 2, 1. 39:

Del. S. p. 947; (T. *delectabile* & *vittatum*.)---

CURVIBACCATUM, Brin. -LeD. Vol. 2 No. 17, 1. 37-3f10:

CURVICOSTATUM, Brin. -LeD. Vol. 2 No. 22, p. 244-21f1, 2: Atlas 77f5:

CURVILIMBUM, Brin & Temp. p. 31-3f1: Del. S. p. 957;

* v. *decorata*, Brin. -LeD. Vol. 2 No. 22, p. 244-21f3;

CUSPIDATUM, Jan. Gaz. pl. 11f14, 15; Atlas 34f2, 3; Del. S. p. 910: -(A' tetras)

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DISSIMILE, Gran. -Atlas 31f5; 152f15; Del. S. p. 910: -(Amphitetras.)-

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* var. *Novae-Zeelandiae*, Grove & Start. -J. Q. C. 1336p. 323-19f17, 13;

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(Tric. *bicorne* & *ballosum*.)---* v. *irregularis*, Gran. -Atlas 93f14, 15: (Amphipentas.)-

DULCE, Grev. -T. M. S. 1366p. 9-2f20; Fortm. Cey. p. 31-3f34; Del. S. 1. 951;

* v. *Japonica*, Brin & T. p. 62-3f3; Del. S. p. 951: (T. *Ananinense*.)DUPLICATIONUM, A. S., Atlas 77f10-13; Del. S. p. 947; (T. *flos*.)

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- ELONGATUM, Grun.-Heaw.Vol.3, p.31; Atlas 30f12; Cl.Vega p.409;
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- EULENSTEINII, Grun.-V.A.S.pl.100f9; Atlas 75f3, 7;
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- EXCENTRICUM, Grove & Start.-J.Q.C.1837p.137-14f6I;
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- EXORNATUM, Grev.-T.M.S.1851.9-2f25; Witt 1835p.33-12f6;
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- * v. alaniensis, Pant.2, p.90-22f330; Det.S.p.967;
 - * v. robusta, Witt.-Atlas 112f5; Pant.2, p.90; Det.S.p.931;
 - * v. Simonskiana, Pant.2, p.90-25f343; Det.S.p.931;
- EXPRESSUM, Jan.-Gaz.11.9f9; Atlas 94f16; Det.S.p.955;
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- FALLACIOSUM, Grun.-Atlas 150f11; Bot.Gentib.1837p. ;
Det.S.p.923; (Tr. spinosum, v. sinata.) --
- FAVUS, E. -M.S.1839p.156; Kuhn.1840p.79-4f10; Jan.11.3-7f10;
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1833p.21; Villef. p.69; wolle, 99f1, 2; Pant.2, p.90; Det.Syll. p.917;
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fimbriatum, megastomum, grande & orientale.)
- * vars., A.S., Atlas 32f2, II; Witt 1833p.21-3f3;
 - * var. "b", Britw.-M.S.1851p.274-17f17;
 - * v. biangulata, A.S., Atlas 93f5;
 - * v. late-areolata, Casti.1837p.109-913;
 - * v. maxima, Grun.-V.A.S.pl.107f5; J.Q.C.1835p.169; 1836p.325;
 - * v. Pacifica, Casti.1837p.109-3f1;
 - * v. pentagona, -J.Q.C.1837p.137; Witt 1833p.21-7f3; -(Amphitetras.)
 - * v. quadrangula, Sm.S.1.7.No.599; J.Q.C. 186p. 324 (Amphitetras.) -

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- * var. *sexangula*, A.M. Edw.: (T. ponderosum im.) ---
 * v. *septangulata*, Vitton. - M.M.J. 1374p. 219-32f7, 8;
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 * v. *spinigera*, Cl. Java p. 3-1f3; Malaisie; Det. Syll. p. 913:
 * var. *vestitissima*, K.S.A. p. 110:
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 RIRVUM, Grev. - T.M.S. 1364p. 93-13f3; Det. S. p. 924;
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 * v. *intermedia*, Grun. - Atlas 94f33, 34; Pant. 2p. 90: (T. fasciatum.) -
 * v. *hebetata*, Grun. --- (Biddulphia; -T. renunciatum.) --
 ROROSUM, Grun. - M.J. 1353p. 271-17f3; 1353p. 250-4f10; Petit. p. 373; Det.
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 Petal. p. 75; Villot. p. 39: (T. tristatum.) --
 * v. *pentagonalis*, A.S. Atlas 79f4; Malaisie; - (Nothoceratium; -A' pentag.)
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 (Nothoceratium; -Tr. plano-concavum, var. hex.) -
 ROSSILE, Pantoc. Ip. 52-26f240: 2, p. 90: Notar. 1333p. 327;
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 Det. S. p. 945: (Biddulphia.) ---
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 RENTUM, A.S., Atlas 30f15; Malaisie; Det. S. p. 912;
 REROSUM, Bail. & Harv. p. 131-9f12; Petit. p. 355; Det. S. p. 94: - (Lamprodiscus
 * v. *crenulata*, A.S., Atlas 30f17; (Lamprodiscus & T. cl.)
 * v. *elongata*, A.S., Atlas 30f21;
 * v. *excisa*, A.S., Atlas 30f14, 15;
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 RLANDARIUM, A.S., Atlas pl. 128f19;
 RLANDIFERUM, A.S., Atlas 127f9, 10;

Harrisonianum,
"v. gibbosa, gts. J.D.C. '86 p. 326:

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- GLOBULIFER, Brn. I39I.47-I3fI5; Det.S.p.935;
 * v.rotunda, Br.I39I.47-I3fI4;
 GODDEROYI, Grn.-Atlas 75f8; Witt I333p.22-3fI3; (Amphipentac.)-
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 (Amphipentac; -l.favis, Orientale, R5, etc., etc., etc.)-
 * for.pentagona, Pant.I.52-4f33; 21.9I; Not.I333I.320; -(Amphipentac.)
 * v.angulata, Wittm.-Atlas I33fI; (Tricercatum.)--
 v.quadrate, -J.O.I. I337p.I37;
 v.pentagona, Grn.-Atlas 36f3-5; Br.I39I.2I-3fI0; 7f7; -(Amphipentac.)
 v.septangulata, Kitt.-Atlas 35fI,2; 3fII-I3; (Nothoceratium.)
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 GRAVE, A.S., Atlas 77fI7; Witt I333p.22-7fI, I3; Det.S.p.940;
 GROVEI, Pant.I.52-22fI93; 2,p.9I; Notar.I333p.327;
 (Amphipentac; -l.acutangulum, var.)
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 GUROVII, Part.3p. -24f35I; Det.S.p.940;
 GUTTATUM, Cleve MSS.; Atlas 79fI7; (Amphitetras punctata.)---
 HARMONIANUM, Grev.-T.M.S.I353p.55-31f5; Witt I333p.22-7f3; Walker &
 Chase 21.3-4fI,2; Det.Vol.2, No.22p.230; Det.Syll.1.929; (Amphipentac.)
 (Valves interiora Tricercati, Brightwell???)
 HARRISONIANUM, Norman.-T.M.S.I33Ip.73-9f9; Atlas 75fI4-I0; 3f3,9,I7;
 I3fI9; J.O.I. I333p.320; Walker & Chase 21.3-4f4,5; Wollé, I00fI0, I4;
 Det.S.p.93I;
 * v.solida, Walk.& Chase 21.5-3fI2; Bot.CbIt.I333p.I3fI; Det.S.p.932;
 HEIBERGII, Grn.------(Vide Heibergianum.)-
 HEIBERGIANUM, Grn.-Heaw.I333p.I45; V.I.S.pl.II2f9-II; Pant.21.9I;
 Witt I335p.33-IIf3; Det.S.p.940,963; (Biaulphia; -l.maculatum.)---
 HEILPRINIANUM, K.&S.-T.B.C.I339p.210-93f3; Wollé pl.73f3,9;
 Det.S.p.949; (Biaulphia.)--
 HETEROPORUM, Grn.-V.I.S. - - - - - Wollé, I00f3; Det.S.p.940;
 HETEROSTICTUM, A.S., Atlas I5If23,29;
 HILARATUM, Pant.3p. -27f403; Det.Syll.p.963;
 HORRIDUM, Brw.-M.J.I353p.274-I7fI2; Det.S.p.972; -(l.armatum, var."g").-
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 * forma quadrifona, Pant.2p.9I-25f333; Det.S.p.93I;
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 HYBRIDUM, Grn.-Cl.I330p.II2; Det.Syll.p.92I;
 * v.Australis, Grn.-Cl.I330p.II2; Det.S.p.92I;
 * v.Kamtschatica, Grn.-Cl.I330p.II2; Det.S.p.92I;
 HYSRIX, Pant.21.9I-I3f237; Spl.34f437; Det.S.p.933; (Trinacria.)-
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 ILLOSTRUM, Pant.3p. -25f375; Det.S.p.940;
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" var. G.H. - J.D.C. '86 p. 328:

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 IMPERIALIS, Walker & Chase 1p.1-11.1ff1; (Biddulphia.)---
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 IMPRESSUM, Grun.-Cl. & M.No.147; Atlas 151ff1-3; 151ff1ff2;
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 * v. latifolia, Grun.-V. 1. S. 1p.110ff2; Wille 99ff12; (Bidd.)---
 * v. macrofolia, Grun.-V. 1. S. 1p.110ff3; Atlas 123ff3;
 * v. nicotiana, Grun.-V. 1. S. 1p.111ff7;
 * v. robusta, Grun.-V. 1. S. 1p.111ff4, 5;
 * v. tubulosa, Brin.-L. D. Vol. 2 No. 22, p. 244-2ff24-25;
 INFLATUM, Grev.-T.M.S.1335p.232-10ff15; Det.S.p.935; (Stictocarpus.)---
 INGLORIUM, Grev.-T.M.S.1335p.103-9ff13; (Amphitetras.)---
 INOPINATUM, Grev.-T.M.S.1335p.84-10ff10; (Entoponia.)---
 INORNATUM, Grev.-T.M.S.1335p.94-9ff10; (T. subradiatum.)---
 INSCONE, Grev.-T.M.S.1335p.75-9ff5; Atlas 73ff1; Det.Syll.p.951;
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 * var. tetragona, Witt 1333p.24-7ff10; Det.S.p.909; (Amphitetras.)---
 INSUTUM, Cast. 1337p.111-25ff7; (Nothoceratium.)---
 INTERMEDIUM, Grove & Sturt.-J. R. C. 1337p.7-2ff1;
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 INTERJECTUM, A.S., Atlas 135ff3;
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 INTERRUPTUM, Bailey Coll.; Det.Syll.p.972; (Plagiogramma.)---
 INTRICATUM, West.-T.M.S.1335p.143-7ff5; Prit.p.355; Carr. 1.95;
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 * v. hirsuta, J. V. 1. S. 1p.111ff10; J. R. C. 1335p.170; (Biddulphia.)---
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 JOHNSONI, Ralfe, Prit.p.354; Det.Syll.p.972;
 JORDANI, Witt 1333p.23-7ff12; Det.S.p.945;
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(Amphitetras; -Amphipentast.)--

* v. fossilis, Pantoc. 2, p. 91; 31. -34f480; 35f502; (Amphipentast.)

* v. triangularis, -Led. Vol. 1, p. 6-2f3:

* forma pentagona, Temp. -Led. Vol. 1, p. 6-2f2; (Amphipentast.)--

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* v. constricta, Schultze. -T.B.C. Vol. 1, p. 210-92f3;

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KUSNELZSKIANUM, Part. 2, p. 91-3f116;

(Amphitetras; -T. Divergens.)--

LABYRINTHUM, Grev. -T.M.S. 1335p. 45, 70-3f12; Det. Syll. p. 924;

Atlas 151f20, 21:

(Pseudo-coscinoideus.)--

LACTUM, Part. 1, p. 52-22f100; 2, p. 92;

(Amphipentast; -T. Artilleum, v.)-

LAEVE, Grev. -M.L.V. 3, p. 23-3f70; Det. S. p. 954;

(Ooscella.)--

* v. annulata, Grun. -V. 1, S. 11. 114f10, 11:

LAEVE-PUNCTATUM, Witt, J.M.G. 1373p. 70, 15; Det. Syll. 11. 1. 975;

Hedw. 1373p. 53, 125:

LANUSENII, Part. 2, p. 92-7f124; Det. S. p. 934;

LANCEOLATUM, Part. 2, p. 92; 31. -3f99;

(Amphitetras.)-

LATOURIANUM, Grove. -Led. Vol. 1, p. 6-1f5; Atlas 133f11; Det. S. p. 932;

LATUM, Grev. -T.M.S. 1335p. 102-9f20; J.Q.C. 1335p. 139; Malaisie;

Part. 1, p. 53-23f10; 2, p. 92:

(A' tetras.)

* var., A.S., Atlas 77f33, 39;

LAUTUM, Grev. -T.M.S. 1335p. 32-9f20; Det. S. p. 923;

LIGULATUM, Grev. -T.M.S. 1334p. 91-13f9;

(Trinacria.)--

LINEATUM, Grev. -T.M.S. 1333p. 75-5f24; Atlas 33f10:

J.Q.C. 1337p. 7; Det. S. p. 943;

* var., A.S., Atlas 123f1: *J.Q.C. 87p. 7:*

LINEOLATUM, Grev. -M.J. 1333p. 233-10f13; Det. S. p. 930;

* v. reticulata, Grun. -Led. Vol. 2, No. 22, p. 1. 21f16;

LOBATOGENNATUM, Brun. -Led. Vol. 2, No. 22, p. 245-21f19, 20;

* v. striata, Brun. -Led. Vol. 2, No. 22, p. 245-21f21-23;

LOBATUM, Grev. -M.J. 1333p. 233-10f13; J.Q.C. 1336p. 323; Det. S. p. 934;

LOCZYII, Pantoc. 2, p. 92-19f102;

(Amphipentast; -T. pentactinum, var.)-

* v. confinis, Part. 2, p. 92-23f132; *J.Q.C. 87p. 7:* (Amphipentast; -Monstrum 1. 1. ?)-

LUCIDUM, Part. 1, p. 53-5f41; 2, p. 92; Notar. 1333p. 327; Det. S. p. 953;

LUMINOSUM, Brun. & Tur. 1, p. 32-6f2; Atlas 159f3; Det. S. p. 923;

MACULATUM, Kittor. -J.Q.C. 1371p. 139-14f14; -(Biddulphia & T. 1. 1. 11.)-

MAGASCARENSE, Grun. -V. 1, S. 11. 103f3; Atlas 31f13; 94f15;

Part. 2, p. 92; Det. Syll. 11. 1. 943;

(Ooscella.)--

MAJUS, Grove & Smith. -Atlas 127f1, 2; 133f15:

(T. venustum, var.)--

J.Q.C. 87p. 7.

- MALLEUS, Britw.-M.J. 1353p. 164-3f5, 7; Prit. p. 357; (Bellerophon.)--
 " v. tetragona, *M.H.C.* -V. 1. S. pl. 114f1;
 MAMMIFERUM, Grin.-V. 1. S. pl. 112f6; Del. Syll. p. 969; (Quontella m.)--
 " var. *minor*, *Grin.* -V. 1. S. pl. 112f7;
 MAMMOSUM, Gräv.-T.M.S. 1360p. 9-2f19; Del. S. p. 966;
 MARGARITACEUM, Rafis.-Prit. p. 355; Del. S. p. 972;
 MARGARITIFORME, Cl.-M.N.V.C. 1. 25-3f7; Atlas 154f3; (Margaritiforme.)--
 MARGINATUM, Britw.-M.J. 1353p. 275-13f17; T.M.S. 1360p. 143-7f4;
 1361p. 31-10f5; Prit. p. 354; (Antogonia.)--
 MARYLANDICUM, Britw.-M.J. 1356p. 275-17f17; Prit. p. 353; Atlantic City;
 Sm. Sp. T. 301: wolle, 10f3; (T. (Actinoptychis) amblyoceros & m.)---
 MEGASTOMUM, E.-*M.H.* Ber. 1345p. 81; Mik. pls. 35A-17f14; 35A-13f14; V.
 S.A. p. 140; Weisse Gr. p. 309-2f66; Prit. p. 355; Del. S. p. 973;
 MEGASTOMUM, Britw.-M.J. 1356p. 243-4f7; Atlas 93f3, 7; Fortm. Cey. p. 59;
 Malaisie; (Quontella affine & m.; Tr. affine & favis.)--
 MEGAPORUS, E.- ; Edw. Vol. 5p. 145;
 MEMBRANACEUM, Britw.-M.J. 1353p. 251-4f15; S.B.D. 21. 102; Deby. Polad.,
 1. 23; wolle, 10f3; (Blau. 130p. 18; var.; -T. striatatum.)--
 MESESCYMOUSKI, Part. 21. 92-27f195; Del. Syll. p. 957;
 MESOLEIUM, Grin.-~~V. 1. S.~~ Del. S. p. 971; (Amiaulus.)
 MICROCEPHALUM, Gräv.-T.M.S. 1361p. 74-9f4; Grin. 1334p. 17; -(Trinacria?)--
 MICROPORUM, E.-Abh. Ber. 1375p. 1. 1f16; (T. microstigma.)--
 MICROSTICHUM, Gräv.-T.M.S. 1364p. 90-13f17; Del. S. p. 949;
 MICROSTIGMA, E.-Abh. Ber. 1375p. 1. 1f15 ?; (T. microporum.)--
 MICROTIS, Grin.-Part. 1p. 53-27f254; 2, p. 92; Del. S. p. 925;
 Notar. 1333p. 327; (T. tripos, v.)--
 " v. quadricellata, Part. 31. -13f269; Del. S. p. 925;
 MINUSCULUM, Grin.-Cl. & M. No. 273; Del. Syll. p. 972;
 MINUTUM, Walker & Chase 2p. 9-4f15; Del. S. p. 944; Bot. Col. 16. 1361. 101;
 MIRIFICUM, Brin.-Ed. Vol. 2 No. 22, p. 245-2f16;
 MODESTUM, Gräv.-T.M.S. 1364p. 93-13f14; Del. S. p. 924;
 MOLLERI, Part. 1p. 53-3f47; 2, p. 92; Not. 1333p. 328; Del. S. p. 935;
 MONTEREYI, Britw.-M.J. 1353p. 251-4f3; Prit. p. 355; Edw. N. 4. 11f11; Cl.
 1330p. 112; Atlas 94f1-3; 150f21; 159f7; Brin & T. p. 74; J.R.C. 1337 pp.
 76, 137-11f25; wolle, 102f1; 107f3, 9; Del. S. p. 922;
 " var. *primordialis*, Brin.-Atlas 165f4;
 MORLANDII, Grove & Sturt. -J.R.C. 1337p. 7-2f5; Notar. 1337p. 351;
 Atlas 123f5, 6; 150f22; Del. S. p. 929; (Antogonia Davyana, var.)--
 MORONENSE, Gräv.-T.M.S. 1365p. 32-4f13; Grin. 1363. 102;
 J.R.C. 1335p. 139; Del. S. p. 949; (Biaulphie.)--
 " v. *Nicobarica*, Grin.-V. 1. S. pl. 110f6;
 MUCRONATUM, A.S., Atlas 111f1, 2; Part. 2, p. 93; Del. S. p. 933;
 MULTIFRONS, Brin & Tam. p. 63-6f2; Atlas 163f3; Del. S. p. 962;
 MULTIPLEX, Jan.-Atlas 75f1; 8f14; (Nothoceratium; -Stictodiscus.)
 MURICATUM, Britw.-M.J. 1353p. 249-4f5; Prit. p. 356; Atlas 33f3-10;
 wolle 11. 102f7; Del. Syll. p. 923;
 " var. *fossilis*, Part. 1p. 52-26f240; (T. fossile.)--

- NANNO RESS, Grin.-V. i. S. pl. II 319, II: Det. Syll. p. 945;
 (Biddulphia; -Tr. acutangulum.)
 NEBULOSUM, E.-Abh. Ber. I 372 p. 300; Det. S. p. 971;
 NEBULOSUM, Grev.-T. M. S. I 351 p. 33-10 f 15; Det. S. p. 962;
 NEGLECTUM, Grev.-T. M. S. I 351 p. 7-2 f 20; J. Q. C. I 337 p. 7;
 Det. S. p. 952; Led. Vol. 2, pl. 20, Note; (Capsula)
 NICOBARICUM, Grin.-Atlas 73 f 21, 22; Det. S. p. 947;
 NITESCENS, Grev.-T. M. S. I 351 p. 3-2 f 19; J. Q. C. I 337 p. 623;
 Atlas I 27 f 12; Det. S. p. 953;
 NITIDUM, Grev.-T. M. S. I 351 p. 44-4 f 13; Det. S. p. 953;
 NOBILE, Witt I 351 p. 34-10 f 3; II f 4, 7; J. Q. C. I 335 p. 170; Pant. 2, p. 95;
 Atlas III f 25-29; I 50 f 25; Det. S. p. 957; -(Amphipentast, p. p.; -A' tetras. pl.)
 NORMANNIANUM, Grev.-M. J. I 353 p. 234-10 f 19; Det. S. p. 952;
 " v. sextans, Brin.-Led. Vol. 2 No. 22, pl. 2 f 7;
 NOTABILE, Grev.-T. M. S. I 351 p. 74-9 f 2, 3; Det. S. p. 950;
 NOTIUM, Pantoc. 3 p. -20 f 233; Det. S. p. 945;
 NOVAE-CAESARAE, Boyer. -- ?? (Hydrosera.) --
 NOVAE-ZEELANDIAE, Grove & Start.-Atlas I 27 f 2-3;
 NUDUM, Pant. Ip. 53-4 f 38; Not. I 333 p. 623; Det. S. p. 923; (T. muricatum.)-
 OAMARUENSE, Grove & Start.-J. Q. C. I 337 p. I 35-10 f 13; Atlas I 23 f 2;
 Notar. I 337 p. 355; Det. Syll. p. 925; (Tr. parvulum.)-
 " v. sparsim-punctata, Grove.-Atlas I 59 f 4;
 OBESUM, Grev.-T. M. S. I 354 p. 90-13 f 11; J. Q. C. I 337 p. 7; Atlas 94 f 7;
 Det. S. p. 970;
 " forma tetrapoda, Brin.-Led. Vol. 2 No. 22, pl. 2 f 3;
 " var., A. S., Atlas I 23 f 15;
 OBLIQUUM, Grin.-V. i. S. pl. II 0 f 11; Wille, I 03 f 10;
 Det. S. p. 957; (Biddulphia.)-
 OBSCURUM, Grev.-T. M. S. I 351 p. 75-9 f 3; Atlas 75 f 5;
 Wille, I 02 f 10; Det. S. p. 952;
 OBTUSUM, E. ~~Mbh.~~ Ber. I 344 p. 33; Amer. p. I 37; Mik. pl. I 3 f 43, 49; V. 3 p.
 I 39; V. S. A. p. I 40; Det. S. p. 973; (Eudia Brightwellii; -T. parallelum, v.)
 OBTUSUM, Brtw.-M. J. I 353 p. 251-4 f 20; S. B. D. 2, p. I 03; Prit. p. 357; T. M. S.
 I 353 p. 3; Petit Cat. p. 37; Fortm. Cey. p. 30; Cl. I 373 p. I 6; I 330 p. I 6;
 Atlantic City; Deby Polar p. 23; Wille, I 04 f 7; I 03 f 3; Nord P. p. 457
 Det. Syll. p. 972; (T. favis & pileolus.)-
 OCELLATUM, E. ~~Mbh.~~ Ber. I 345 p. 363; Mik. p. I 40; V. S. A. p. I 41;
 Prit. p. 355; Det. S. p. 973;
 OCULATUM, Grev.-T. M. S. I 354 p. 94-13 f 20; (Amphitetras.)-
 " forma hillabyana, Brin.-Led. Vol. 2 No. 22, pl. 24 f 9;
 ORBICULATUM, Shadb.-T. M. S. I 354 p. I 4-1 f 3; M. J. I 351 p. 275-17 f 20;
 Prit. p. 953; T. M. S. I 352 p. 23; Breb. Verm. p. 10; Jan. & R. p. I 4-2 f 5;
 Cl. I 373 p. I 7; Perag. p. 75; Malaisie; Det. S. p. 942;
 " v. elongata, Grin.-M. M. J. I 377 p. -19 f 2; Det. S. p. 942; -(T. ornic.)-
 ORIENTALE, Bailey & Harvey p. I 79-9 f 19; (T. favis & pileolus)
 ORNATUM, Grev.-T. M. S. I 351 p. 45; Atlas 95 f 13; Det. Syll. p. 940;
 Wille pl. I 01 f 15;

parallelum,

" forma hexagona, Gr. J. M. S. 1865 p. 104-9 f. 23:

" v. quadrata, J. A. C. '86 p. 326:

" v. pentagona, J. A. C. '86 p. 326:

" v. gibbosa, J. A. C. '87 p. 138-14 f. 58:

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PALLIUM, Grev.-T.M.S. I364p.34-10f7; Witt I333p.27-7f19, 21;

Det.Syll.p.933;

PALMIPES, Brn.-

(T.Samsseyi; -Trinacria.)--

PANTOCSEKII, Grun.-Pant.Ip.53-4f34, 36, 37; 2, p.93; Atlas 93f9, 9a;

Notar. I333p.323; Det.S.p.921;

(T. Wittich, p. 11.)

" forma convexa, Pant.Ip.54-5f40; 2, p.93;

PAPILLATUM, Grove & Start.-J.Q.C. I337p.73-3f14; Notar. I337p.35f;

Atlas I23f16; I37f5, 6; I33f3; Det.S.p.963;

PARALLELUM, Grev.-T.M.S.¹⁸⁶⁵p.104-9f22; ~~33~~; Grun. I333p.24, 102; Atlas

75f3-5; J.Q.C. I335p.170; I333p.326; I337p.133-14f23; Wille, 100f

II, 12, 15: Amphitetras; -Biddulphia; -Nothoceratium; -T. obtusum, E.)--

" var. Balearica, A.S., Atlas 31f2;

(Amphitetras B.)----

" v. Colonienensis, A.S., Atlas 31f1;

(A' tetras.)--

" v. Madagascarensis, Grun.-V.H.S. pl. III f3;

" v. sparsa, A.V. & S. pl. III f1;

(Biddulphia 187)--

" v. trigona, Grun.-V.H.S. pl. III f5; Atlas 75f11, 13; 75f14-17, 30: *Oamaru*;

" v. " forma parva, Grun.-V.H.S. pl. III f2, 4, 6;

PARDUS, A.S., Atlas 79f15; Det.Syll.p.945;

PARMA, Bailey.-Lens Vol. 2p.232; Det.S.p.972;

(Coscinodiscus; -Stictodiscus.)----

PARMULA, Britw.-M.J. I353p.275-17f2; T.M.S. I360p.141;

Prit.p.355; Det.S.p.972;

" var. "b" tetragona, West.-T.M.S. I360p.147-7f1; Prit.p.355;

PARTITUM, Grev.-T.M.S. I364p.14-2f3; J.Q.C. I333p.327; (T. Oamaruensis.)-

PATAGONICUM, A.S., Atlas 32f3; Det.S.p.925;

PARVULUM, Cleve, Vega p.503;

(Amphitetras.)-

PAUPERCULUM, Grev.-T.M.S. I355p.55-3f26; Det.S.p.953;

PAVIMENTOSUM, Castr. I337p.103-13f3; Not. I339p.700; Det.S.p.955;

PECTINATUM, Grev.-T.M.S. I362p.92-9f3; Det.S.p.930;

PENIACRINUM, Wallich.-M.J. I353p.1-12f10-12; Prit.p.357; *Lens* V. 2p.

p.65; Fortm. Cey. p.30; M.T.P. 4-5-4; Cl. I373p.5; Vega p.509; Atlas

93f7-13; Atti Soc. Ital. Sci. Nat. I355p.272; Wille, 39f3, 7; 101f16;

(Amphipentasternum alternans & p.: -A' tetras. alternans-aristata-orinata.)-----

" var. "b" quadrangula, Wallich.-M.J. I353p.1-12f14;

Prit.p.357; Malaisie;

PERAGALLOI, Pantoc. 2, p.93; 3p. -10f172; Atlas I37f3; Det.S.p.936;

PERMAGNUM, Jan.-Gaz. Exp. pl. : J.Q.C. I333p.326; Det.S.p.972;

PERMINUTUM, Grev.-T.M.S. I364p.39-13f13;

PERPUSILLUM, Grev.-T.M.S. I364p.92-13f13; Det.S.p.969;

PERRYANUM, Witt I333p.24-3f12;

(Amphitetras.)-

PETROI, Pantoc. 2, p.93; 3p. -23f339;

PETITII, Pantoc. 2p.93-22f323; Det.S.p.959;

PICTURATUM, Grev.-T.M.S. I353p.33-9f19; Det.Syll.p.951;

PILEATUM, Grun.-V.H.S. pl. II f2f3; Det.S.p.925; (Pseudo-coscinodiscus.)

PILEOLUS, E.-Abh. Ber. I344p.205; Mik. pl. 35A-2f17; K.S.A. p.140;

Weisse I354p.242-1f20; Prit.p.355; Carr. p.96; Wille, 103f1;

(T. obtusum, Britw.; -Trinacria.)

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- PILEUS, E. - ~~Mun.~~ Ber. I340p. 23; Min. pl. I9f13; W.B. p. I39; W.S.A. p. I40;
 Prit. p. 356; Fortm. Cey. p. 59; Wollé, I03f2; Pant. 2p. 93; Del. Syll. p. 943;
 (Tric. armatum, serratum, setigerum, spinosum.) ---
 " v. robustior, Pant. 2p. 93; 3pl. 42f574; Del. S. p. 944;
 PLANO-CONCAVUM, Brin & Temp. p. 63-6f9; LeD. Vol. Ip. 5-If I;
 Del. S. p. 929: (T. Fortescueri.) ---
 PLENUM, Gro. & Start. - Atlas I39f3; Del. S. p. 943; -(T. weissflogii, Grove.)
 PLICATUM, Grun. - V.A.S. pl. II3f10; Atlas 94f3; Del. S. p. 937: -(Biddulphia)
 " forma obtusa, Brin. - LeD. Vol. 2No. 22, pl. 2If II, I2;
 PLUMOSUM, Grev. - T.M.S. I364p. 85-I0f4; J.Q.C. I337p. I33; Del. S. p. 919;
 POLYCYSTINORUM, Pantoc. - (Entogonia Saratoviana.) -
 POLYGIBBUM, Pant. Ip. 54-5f44: (Nothoceratium.)
 POLYGONUM, Grev. - T.M.S. I365p. I04-9f14; (Nothoceratium; -Stictodiscus.)
 PONDEROSUM, E.M. Edw. - Lens 2, p. I05: -(Nothoceratium; -T. favus, v. sexang.) -
 PORTUOSUM, Jan. - Atlas 3If I3; (Nothoceratium; -T. Eilensteinii.) ---
 PRAEFEROX, Pantoc. 3p. - I5f32I; Del. Syll. p. 943;
 PRAETENUE, Grev. - T.M.S. I364p. 37-I3f16; Atlas 95f20: (Tinnacria.)
 PRODUCTISSIMUM, Bergon. - LeD. Vol. Ip. 7-If4; Del. S. p. 934;
 PRODUCTION, Grev. - T.M.S. I36Ipp. 45, 59-3f9; Del. S. p. 933: -(T. Balearicum.) -
 PROMINENS, Grev. - M.J. I363p. 23I-9f10; Del. Syll. p. 929;
 PROPRIUM, Pantoc. 3p. - 23f4I3; Del. Syll. p. 947;
 PROTRACTUM, Pant. 2p. 93-I9f005; Del. S. p. 959;
 PSEUDO-ARCTICUM, Pantoc. 3p. - 29f426; Del. S. p. 947;
 PSEUDO-NEURALIUM, Grove & Start. - J.Q.C. I337p. I33; Atlas I27f4;
 Del. S. p. 937; (T. cancellatum, *off G. S.*)
 PULCHELLUM, Grun. - Atlas 93f16, I7; Del. S. p. 909: -(A' tetras.; -Entogonia.)
 PULCHERRIMUM, Grev. - T.M.S. I36Ip. 32-I0f3: (Entogonia.) -
 PULVILLUS, Castr. I337p. I03-3f3; Notar. I339p. 700: (Amphitetras.) -
 PULVINAR, A.S., Atlas I23f3; I33f7; Del. S. p. 910: (Amphitetras.)
 PUNCTATO-LINEATUM, A.S., Atlas I50f7, 9:
 PUNCTATUM, Wallich. - T.M.S. I360p. 43-2f2I: (T. wallichii.) -
 PUNCTATUM, Brtw. - M.J. I356p. 275-I7f13; Prit. p. 353-3f20; Edw. N.A. p. 1500 -
 If2, 7; Lewis ~~X86~~ *86* p. 70; Petit Cat. p. 33; Table Bai p. 6; Lagr. I376
 p. I5; Sm. Sp. 1. No. 802: M.T.P. 4-5-3; Cl. I378p. I3; Vega p. 503; Fortm.
 Cey. p. 59; Atlas 76f19, 20; Brin & Temp. p. 74; Wollé, I0If9, I2;
 Del. Syll. p. 944: *fortm. S.M. p. 25*: (Biddulphia.) -
 " vars., A.S., Atlas 79f16: V.A.S. pl. I09f6, 9, I0: $\left\{ \begin{array}{l} \frac{5}{3} - 9 \text{ mm} \\ \frac{5}{3} - \end{array} \right.$
 " var., A.S., Atlas 3If6, 7:
 " v. tetragona, A.S., Atlas 93f5: --quadrata???-: (Amphitetras?)
 PUNCTIGERUM, Castr. I337p. I03-I3f4; Notar. I339p. 701; Del. S. p. 939;
 QUADRANGULARE, Grev. - T.M.S. I365p. I0-2f26; Sm. Sp. 1. No. 599:
 Atlas 8If3; Brin & T. p. 74; Wollé, I03f3: (A' tetras.) ---
 " var., Grun. I363p. I03:
 " var., Brin & Temp. p. 74;
 QUADRATUM, Grev. - T.M.S. I365p. I04-9f19: (Stictodiscus?) --
 QUADRICORNE, Grev. - T.M.S. I365p. I03-9f13: (A' tetras.) ----
 QUADRINOTATUM, A.S., Atlas I52f3I; Del. Syll. p. 910: (Amphitetras q.) --
 QUINQUEGUTTATUM, Grun. - V.A.S. pl. II3f13; Del. S. p. 955: (nemialis.) -

TRICERATIUM.---

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QUINQUELOBATUM, Grev.-T.M.S.1366p.33-9f2I; Atlas 79f3;

Villef.p.39:

(Amphipentax; -T.arcticum, v.)--

RADIANS, Brin & Temp.p.64-3f7; Atlas 136f3; Del.Syll.p.950;

* forma quadrata, Brin.-Atlas 136f3:

(Amphipentax; -T.arcticum, v.)--

RADIATO-PUNCTATUM, A.S., Atlas 94f14; Del.S.p.950; *Amphipentax*

* v. calcarea, Brin & Temp.p.64-2f17; Del.S.p.950;

RADIATUM, Brin.-M.J.1356p.273-17f14; T.M.S.1330p. -7f4; Prit.p.

854; Walker & Chase 2p.4-4f5; Atlas 131f39; Del.

Syll.p.952:

(Biddulphia; -Capsula; -T. tarumanniensis.)

* v. minor, A.S., Atlas 151f40;

RADIOLATUM, Janisch.-Atlas 151f37, 38;

RADIOSO-RETICULUM, Grev.-V.1.S.1.11f10; Del.S.p.950;

(Amphipentax; -T.arcticum, v.)--

RATRAYII, Pantoc.2p.94-29f417; Del.Syll.p.933;

(Tr.deformatum; -Trinacria.)--

RECEPTUM, A.S., Atlas 311f10; Wille, 101f15; Del.S.p.950;

RECTANGULARE, Grove & Sturt.-J.Q.C.1337p.135-10f17:

Notar.1337p.355:

(Amphipentax.)--

REGINA, .-Wille pl.105f17:-(Nothoceratium; -T.favis, v.sexangulata.)

RENUNCIATUM, Pantoc.2p.94-21f319; Del.S.p.933:-(T.flos, v.hebetata.)----

REPLETUM, Grev.-T.M.S.1366p.33-9f13; Walker & Chase 2p.7-4f7;

J.Q.C.1337p.133; Del.S.p.933;

* v. baccata, Grev.-V.1.S.1.11f17:

RETICULATUM, Grev.-T.M.S.1366p.104-9f2I; (Entogonia; -Nothoceratium)

RETICULUM, L.-Mon.Ber.1344p.389; Mik.pls.13550; 33-10f13; K.S.A.p.

140; M.J.1356p.251-4f17; Weisse 1354p.241-1f13a, b; Prit.p.357;

Atlas 73f4, 20; Wille, 104f5, 6; 103f10; 104f10; 105f10; 106f10;

(Biddulphia & T.flos; -Tr.punctatum.)--- *Trinacria*

RIVALE, A.S., Atlas 34f1; 93f3, 3a; Del.Syll.p.910:

(Amphipentax.)--

ROSTRATUM, Grev.-T.M.S.1366p.231-9f10; T.M.S.1330p.7-21f2;

Atlas 33f2, 3, 5-7; Del.S.p.919:

(T.grandis.)--

* vars., A.S., Atlas 32f14, 15:

33f4;

ROBUSTUM, Grev.-T.M.S.1366p.71-3f15; Atlantic City;

Wille, 101f11; Del.S.p.935;

ROPERIANUM, Grev.-T.M.S.1366p.93-9f3; Del.S.p.943:

ROSTRATUM, Petit Nimrod p.3-3f3; Del.S.p.944, 1013;

(Ditylium r.)--

ROTIFER, Fortm.Cey.p.61-9f103; Del.S.p.943;

ROTUNDATUM, Grev.-T.M.S.1366p.75-9f6; Atlas 94f3; 123f12;

J.Q.C.1336p.327; Witt 1333p.22-7f2; Del.S.p.965;

RUGOSUM, Grove & Sturt.-J.Q.C.1337p.75, 135-5f4; 14f23;

Notar.1337p.352; Atlas 127f13; Del.S.p.923X

(Capsula.)--

RUSSLANDICUM, Temp.-LeD.Vol.1p.1.3f3; Del.Syll.p.931;

RYLANDSIANUM, Grev.-T.M.S.1366p.90-12f6; Del.S.p.959;

RZEHAII, Pantoc.2p.94; 2p.1. -1f14; Del.S.p.933;

SARATOVIANUM, Pantoc.2p.94-7f122; Del.S.p.932;

SARCOPIAGUS, Casti.1337p.109-6f3; Notar.1339p.701; Del.S.p.923;

SARMATICUM, Pantoc.2p.94-23f393; Del.Syll.p.931:

SCHUMBERGERI, Brin & T.p.65-3f3; Atlas 159f9; Del.S.p.955;

- SCANDIUM, Jan.-Atlas 33fI,2: (Nothoceratium.)----
- " var., A.S., Atlas 33f3,4:
- SCITULUM, Britw.-M.J.1355p.250-4f9; Prit.p.357; Grun.1363p.24;
M.T.P.4-5-II; Fortm.Cey.p.59; Atlas 33fII,13; Wolle, 105f1;
Malaisie; Del.Syll.p.922:
- " var., A.S., Atlas 34f5; Malaisie;
- SCOPUS, Brun.-LeD.Vol.2No.22pl.20, Note; pl.24fI2: (Caperla s.)---
- SCULPTUM, Stadl.-T.M.S.1374p.II-III; Prit.357; Wolle, 105f1; Fortm.
Cey.p.60; Atlas 73f9-II; 150fI7; (Mobile; -Biddulphia; -T.punctatum.)----
- Villef.p.69; Wolle, 105f3,5:
- " var., A.S. Atlas 73fI2,3I:
- " var., Wolle pl.III f4;
- " v.Petiololitaria, Grun.-V.A.S.pl.III f3:
- SECDENS, A.S., Atlas 123f3,4: (T.grandis?)--
- SECRNENSUM, A.S., Atlas 73f3; Wolle, 100fI7; Del.Syll.p.947;
- SEMICIRCULARE, Britw.-M.J.1355p.252-4f2I; Wolle, 105f2-4;
T.B.C.Vol.13p.75-89f3: (Eudora Brightwellii.)---
- SENSEYI, Part.2p.94-23f339; Del.S.p.931: (Trinacria palmipes.)
- SENDAIENSE, A.S., Atlas 165fI:
- " forma quadrata, A.S., Atlas 163f3: (Amphitetras.)-
- " var., A.S., Atlas pl.135f2,2x:
- SENTUM, A.S., Atlas 150f2-3;
- SEPARATUM, A.S., Atlas 73f3; Del.S.p.945;
- SEPTANGULUM, Grun.-S.M.S.1362p.102: (T.favus, v. sept.)---
- SEPTUM, Part.2p.94-14f246; Del.S.p.933;
- SERRATUM, wallich.-M.J.1353p.243-12fI-3; Prit.p.355;
Del.S.p.973: (T.9, 10, 11.)-
- SETIGERUM, Bailey N.S.p.II, f26: (T.9, 10, 11.)-
- SEXANGULUM, Grev.-T.M.S.1365p.103-9f24: (Nothoceratium.)----
- SEXPARTITUM, Grove & Start.-J.R.C.1337p.145-14f34: (Nothoceratium)
- SEYCHELLENSE, Grun.-V.A.S.pl.IIOfI; Atlas 3If5;
Del.Syll.p.945: (Biddulphia.)--
- SIADBOLDIANUM, Grev.-V.A.S.pl.IOf5-7; Atlas 30fI3-20; Malaisie;
~~Quontella-lampriscus~~; Villef.p.70; Witt 1338p.22-3fI7; Del.S.p.934;
(Quontella-lampriscus.)-
- SIADBOLDII, L.W.Bailey, -B.J.N.A.1331p.343-1f30,6I;
Wolle, 64fI0; Del.S.p.973;
- SIDEREUM, A.S., Atlas 152f2I; Del.S.p.910: (A'tetras.)--
- SIMPLEX, Brun & Temp.p.65-5fI2; Del.S.p.933;
- SIMPLICISSIMUM, Witt 1335p.34-3f7,9; Atlas 150fI3;
Part.2p.95; Del.S.p.963;
- SINENSE, Schwartz.-Rabh.Alg.No.240; Grun.Vol.13p.166;
Del.S.p.973; Petit Nimrod p.7-4f3: (Actinoptychus annulatus.)----
- SMITHIANUM, Grev.-T.M.S.1364p.92-13f7; Del.S.p.950;
- SMITHII, Part.2, p.95; 3p. -5f33; Del.S.p.934;
- SOKOLOVII, Part.3p. -22f33I; Del.Syll.p.947;
- SOL, *Nest*.-A.S., Atlas 152f4-9: (Ditylium.)---

Sarcoceros, 6. - Jan 21: 31:

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- SOLENOCEROS, L. - ~~M.~~ Ber. I 344 p. 273; A. J. S. I 345 p. 329-4 f 23; K. S. A. p. I 40; M. J. I 353 p. 243-4 f I; Prit. p. 356-6 f I 5; Atlas 77 f 2 I; 96 f II; Part. I p. 54-23 f 2 86; 2 p. 95; Atlantic City; Wollé, I 0 f 13: -(Trinacria regina.) -
- SPECIOSUM, Pantoc. 3 p. - I 2 f I 95; Del. S. p. 947;
- SPECTABILE, Weisse Giano p. 307-2 f 67; Del. Syll. p. 97 I;
- SPINOSUM, Bailey. - A. J. S. I 343 p. I 39-3 f I 2; K. S. A. p. I 4 I; Malaisie; Prit. p. 353-6 f I 9; R. E. D. p. 3 I 6; Atlas 37 f 2, 3, 7; Atlantic City; Villaf. p. 70; Wollé, 25 f 2 2; 77 f 4, 9, I 0; I 02 f 2, 5; Del. S. p. 923, 973; (Tr. armatum, seriatum, setigerum, triaetylum.) --
- vers., A. S., Atlas 37 f 4, 5, I 3-I 5;
- v. ornata, Grove & Sturt. - J. Q. C. I 336 p. 329-I 9 f 20; Atlas I 50 f II; Notar. I 337 p. 352; (T. fallaciosum.) ----
- SPINULOSUM, Grun. - Atlas 37 f I; Malaisie; Del. S. p. 925;
- SQUAMATUM, Part. 2, p. 95-9 f I 64; Del. S. p. 93 I;
- v. radiata, Brun. - LeD. Vol. 2 No. 22, p. 245-2 f I 6;
- SQUAMIFERUM, Pantoc. - (Entoponia Tinanii.)
- STAUBII, Part. 3 p. - 33 f 5 I 3; Del. S. p. 97 I;
- STIGMATIUM, Part. 3 p. - 22 f 2 4; Del. Syll. p. 947;
- STOKESIANUM, Grev. - T. M. S. I 333 p. 3-2 f 23; Brun & T. p. 74; J. Q. C. I 335 p. I 39-I 2 f 5; I 337 p. I 37; Del. S. p. 927; Part. I p. 54-I 0 f I 37; 2 p. 95;
- v. Moravica, Part. 2 p. 95; Atlas II 2 f I 9; I 59 f 2;
- STOLTERFOUHLII, Witt I 333 p. 23-7 f I 3; Del. S. p. 967;
- STRABO, A. S., Atlas 36 f 3, 7; Witt I 333 p. 22-6 f 9; (Nothoceratium.)
- STRIOLATUM, L. - Kreid. I 340 p. 79-4 f 9; K. B. p. I 39-I 3 f I 0; K. S. A. p. I 40; M. J. I 353 p. 250-4 f I 0; T. M. S. I 354 p. 74-6 f 3; I 359 p. 23 cum icone; Prit. p. 355; Weisse I 354 p. 24 I-I f I 3 c, d; Lewis N. & R. S. p. 55; Gall. p. 90; 4 f I I; R. E. D. p. 3 I 6; M. M. J. I 373 p. I 55; M. T. P. 4-5-9; Del. I 373 p. I 5; Cl. I 373, pl. I f 2; Parap. p. 75; Wollé, I 0 f I I, I 2, I 4; Del. S. p. 946; -(Amphibaculus wiessii; -Bidd. rhombus, var.; -T. aeternum, intricatum, notostictum.) --
- STRIOLATUM, W. Sm. B. D. I p. 27-5 f 46; Vol. 2 p. 37; (T. unilatum.) --
- STURTHII, Part. I p. 55-22 f I 94; 2 p. 95; Notar. I 334 p. 329; (A' tetras.; -T. Balearicum, v.) -
- SUBCAPITATUM, Grev. - M. J. I 333 p. 254-I 0 f 20; Atlas 96 f 22-24, 26; Del. S. p. 93 I; (Trinacria.) ---
- v. baccata, Brun. - (Hemianthus pileolus, v. bacc.) --
- v. Russica, Part. 2 p. 95-23 f 349;
- SUBCORNUTUM, Grun. - Atlas 99 f I 5-I 3; Wollé, I 0 f 4, 5; Del. S. p. 909; (A' tetras.)
- SUBLIME, A. S., Atlas 93 f 3; Del. S. p. 922;
- SUBORBICULARE, Part. 2 p. 95; 3 pl. 3 f 47; Del. S. p. 936;
- SUBRADIATUM, Grun. - Cl. & M. No. 273; Del. S. p. 972; (T. inornatum, v.)
- SUBROTUNDATUM, A. S., Atlas 93 f I; Del. Syll. p. 922; Wollé, I 02 f 3; II 2 f 7; (A' tetras.)
- SUCCINCTUM, Witt I 333 p. 24-6 f I 3-20; Del. S. p. 945, 953;
- SEYALANSE, Part. I p. 55-5 f 45; 23 f 2 72; Del. S. p. 936;
- TRELLARIUM, Brun. - M. J. I 354 p. 275-I 7 f I 5; Prit. p. 354; Cl. I 373 p. I 7-5 f I 5; Wollé, I 00 f I 0; Del. S. p. 956; -(T. breviterminum var. fuscum.)
- var., A. S., Atlas 77 f 3-5;

> Trigonum, Bai Bey. ? (Ditylum)

TRICERATIUM. ---

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- * var. major, Grove & Sturt. - Det. Syll. p. 954; - (Tr. venulosum, var. n.)
- * v. diplosticta, A.S., Atlas 77f1, 2:
- TECTUM, Part. 3p. - 22f322; Det. S. p. 947;
- TEMPEREI, Bran. - LeD. Vol. 1p. 33-3f7; Det. S. p. 913;
- TERTIARIUM, Part. 2p. 95-5f35; Det. S. p. 933; (Not-a-terminus.) ---
- TESSELATUM, Grev. - T.M.S. 136p. 71-3f14; Atlantic City;
J.O.C. 133p. 170-12f17; Det. S. p. 939;
- * var., A.S., Atlas 73f50;
- TETRAGONUM, Part. 2p. 95-3f143; (Amphitetrus.) -
- THAIENSE, Castr. 1337p. 106-13f14; (Nothoceratium)
- THUMII, Part. 1p. 55-5f39; 2p. 96; Atlas 90f2, 2a; 126f1; Det. S. p. 922;
- THWAITESIANUM, Grev. - T.M.S. 135p. 23-3f5; Det. S. p. 919;
- TRIASICUM, Part. 2p. 96; 3p. 12f139; Det. S. p. 933;
- TRIDACTYLUM, Brw. - T.M.S. 135p. 243-4f3; Atlas 37f12;
Wolfe pl. 105f1; *Castr. Dalmazie 1813p 212* (Tr. s. n. n.) -
- TRIFOLIATUM, Cleve. - N.L.V.C. p. 23-3f71; (Hydrosera.) -
- TRIFOLIUM, A.S., Atlas 73f14; Det. Syll. p. 955;
- > TRILINEATUM, Grev. - T.M.S. 136p. 55-3f27; (Tr. radiatum.) --
- TRILINGULATUM, -- A. Schmitt. (Actinoptychus; - Schistia.) ---
- TRINITAS, Bran. - Atlas 166f3;
- * var. minima, Bran. - Atlas 166f4;
- TRIORBICUM, A.S., Atlas 126f7;
- TRIPARTITUM, Gran. - V.A.S. pl. 110f3; Wolfe pl. 100f5;
Det. Syll. p. 945; (Bidualphia.) --
- * forma miocena, Bran. - LeD. Vol. 2No. 22, p. 246-2f27, 23;
- TRIPLECTEN, Bran. - LeD. Vol. 2No. 22, p. 246-2f9;
- * v. spatulata, Bran. - LeD. Vol. 2No. 22, p. 246-2f10;
- TRIPES, Bran. - LeD. Vol. 2No. 22, p. 246-2f14;
- TRIPLEX, Bran. - LeD. Vol. 2No. 22, p. 246-2f15, 16;
- TRIPOLARE, Bran & Temp. p. 66-3f7; Atlas 166f1, 2; Det. S. p. 957;
- TRIPOS, Cleve, N.L.V.C. p. 24-3f72; Det. S. p. 925;
Atlas 34f3; 15f4; (Tr. microtis.) -
- TRISULCOM, Bailey MSS.; Prit. p. 354-3f27; Atlas pls. 73f5-8;
112f17, 18; J.O.C. 133p. 170; 1337p. 103; Witt 133p. 22; Part. 2p. 96;
Wolfe, 100f9, 10; Det. S. p. 959;
- * v. cuneata, Grove. - Atlas 150f13;
- * v. Haytiana, Witt 133p. 22-7f15;
- * v. Hungarica, Part. 2, p. 96; Det. S. p. 959;
- * v. minor, Cl. - J.O.C. 133p. 170-12f3; Det. S. p. 959;
- * v. producta, Witt 133p. 22-7f17;
- TRUAMII, Part. 2p. 96-13f296; Det. S. p. 957 & 973; (Entolonia.) ---
- TRUNCATUM, Brw. - M.O. 135p. 274-17f4; Prit. p. 354; Det. S. p. 972;
- TRUNCATUM, Bran & Temp. p. 66-3f1; Det. Syll. p. 950;
- TSCHESNOVII, Part. - De Toni, Syll. p. 974; (Entolonia.) ---
- TULII, Temp. - LeD. Vol. 1p. 3-2f6; Det. S. p. 942;
- TUMESCENS, Castr. 1337p. 109-3f9; Notar. 133p. 701; Det. S. p. 919;

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- TUMIDUM, Grev.-M.J. I333p.234-10f13; Atlas 33f17; Del.Syll.1.943;
 * v.costulata, A.S., Atlas 73f1;
 TURGIDUM, A.S., Atlas 77f13; Del.S.p.943;
 TURGIDUM, Cleve.-J.Q.C. I335p.169-12f4; Del.S.p.963;
 TURRIFERUM, Witt I333p.23-7f22, 23; Del.S.p.967;
 UMBILICATUM, Ralfs.-Prit.1.354; Atlas 91f11; Del.S.p.967;
 UNCINATUM, A.S., Atlas 94f4; Wille, 102f12; Del.S.p.926;
 UNDATUM, Pant.2p.96-19f299; Del.S.p.957;
 UNDOSUM, Pantoc.2p.96-19f304; Del.Syll.1.960;
 UNDULATUM, E.-Ach. Bot. I341p.273; V.S.A.1.140; M.J. I353p.250-4f13;
 I353p. -3f1-5, 3; Weissflog. I354p.212-1f19; Prit.1.355; Lewis, M.S.A.1.1.35:
 Cl. Java 1.3; I373p.17; Hall; Atlantic City;
 Atlas 151f41; Pant.1p.55-13f134; 2, p.96; Wille, 104f3, 9; 105f14;
 Del.S.p.973;
 (Biddulphia flos; -Ditylium; -T. Brightwelli, intricatum, striolatum.)--
 * v. Petropolitana, Grun.-V. A.S. 1.116f13;
 UNDUM, Eulenstein.-?
 UNGUICULATUM, Grev.-T.M.S. I364p.35-10f9; J.Q.C. I336p.323: -(A' tetras.)-
 UVIFERUM, A.S., Atlas 83f14; Del.Syll.p.943;
 VALIDUM, Grun.-Atlas 94f5; Wille, 102f11;
 Del.S.p.957: (T. cristatum, v.)---
 VARIABILE, Brtw.-M.J. I356p.275-17f19; T.M.S. I360p.149-7f7;
 Prit.p.354; Fortm. Cey.p.60; Wille, 83f3, 5; (T. alternans?)-
 VARIEGATUM, Grev.-T.M.S. I361p.35-10f14; (Entoponia.)--
 VASTUM, Pant.3p. -13f203; 40f556; Del.S.p.947, 971;
 VATES, Pant.3p. -23f341; Del.S.p.969;
 VENOSUM, Brtw.-M.J. I356p.274-17f15; T.M.S. I360p.147-7f2; Prit.p.354-
 6f17; Atlas 33f11, 12; 94f12; J.Q.C. I336p.327; Pite.
 New Y. Mic. Soc. I336p.110-5f4; Walker & Chase 2p.5-4f10;
 Del.S.p.953: (Biddulphia; -T. major.)---
 * var. major, A.S., Atlas pl. 150f1: *W.H.S. pl. 113f3*
 * v. parva, Weissflog.-Walker & Chase 2p.5-4f10;
 Bot. Cbl't. I333p.131; Del.S.p.953;
 VENTRICULOSUM, A.S., Atlas 111f3-7; Pant.2p.96; Del.S.p.963;
 VENTULOSUM, Grev.-T.M.S. I334p.90-13f12; Atlas 77f5-9; 12f13;
 Wille, 100f2, 4, 7: (T. Annasevski & tabellaria.)--
 * v. Japonica, Brun & Temp.p.74;
 * v. major, Grove & Start.-J.Q.C. I336p.327-19f15, 16;
 Notarisia I337p.352: (T. tabellarium, v.)--
 VENUSTUM, Witt I335p.34-3f3; Pant.2p.96; Del.Syll.p.943;
 * var., A.S., Atlas 110f13;
 VERSICOLOR, A.S., Atlas pl. I66f7, 3; Del.Syll.p.910;
 (Amphitetras; -T. conulescens.)---
 * v. cuneata, Brun.-Atlas I63f4;
 VITTATUM, Pant.2p.96-21f318; Del.S.p.941: (T. curvato-vittatum.)---
 WALLICHII, Ralfs, Prit.1.355: (T. imbricatum, Wall.)--
 WEBSTERI, Tenf.-L30. Vol. 1.1.7-1f6; Del.Syll.1.962:

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WEISSEI, Grun.-Atlas 95f2-I2, I4, I4a, I6: Pantoc.2, p.97:

Witt 1335p.34-3f9; I2f2; Det.Syll.1.953: *Ex C. 86 p 378*

WEISSEANONI, Pant.21.95-23f40; Det.S.1.931:-(Valve corollae?)----

WEISSHLOGII, Walker & Chase 2p.3-3f2, 3; J.Q.C.1337p.133-II f22;

LeD.Vol.1p. -415; Notul.1337p.355; Det.S.1.935;

WESTIANUS, Grev.-T.M.S.1331p.43-1f11; Atlas 77f30, 32; 91f12;

Walker & Chase 2p.3-3f9; Det.S.1.935;

WIAMPOENSE, Schwartz.-Rabh.Alp.No.240; Neww.1374p.163; Det.S.1.

973: (Lam. 9312.)--

WILKESII, Bailey & Harvey p.173-9f7, 3; Det.S.p.945: (T.arcticum, v.7)

WILLII, Jan.-Atlas 93f2b; I25f2a-c; Det.S.p.920:

Witt 1333p.23-7f13;

WILLII, Pant.2, p.97; Det.Syll.1.953: (T.Pantoc. 311, p.1.)

" v.hexagona, Pant.1p.54-4f37; 2, p.97;

ZONATIUM, Grev.-T.M.S.1334p.34-10f3; Det.S.p.951:

ZONULATIUM, Grev.-T.M.S.1335p.102-9f17; Malaisie;

Atlas 77f34-37:

" forma trigona, A.S., Atlas pl.94f9:

" " *Triangularis, A.S. Atlas 77f33.*

TRIGONIUM.-(Cleve, 1867)

ARCTICUM, (Brbw.)-Cleve 1337p.363; 1373p.3: (Triceratium arc.)-

TRINACRIA.-(Heiberg, 1862)

--, A.S., Atlas 152f23, 29:

ALIAR, Brun.-LeD.Vol.2No.17, p.33-3f11: (Tricerat.)-

ANTIQUA, Pant.3p. -32f456;

ARIES, A.S., Atlas 96f14-13; 150f14, 15; Pant.2p.33; Det.Syll.p.353;

CONIFERA, Grun.1334p.18; Det.S.1.359: (T.11.)--

CORONATA, Witt 1335p.35-10f5, 3; Atlas 110f3-10; Pant.2p.33;

Det.S.p.355: (Capella.)

EXCAVATA, Heiberg p.51-4f9 (London Clay; R.E.C.p.317; J.Q.C.1370p.

101-3f3-9; M.T.1.4-5-3; Atlas 96f3-3; 97f3-10; Grun.1334p.17;

Pant.2p.33; Det.S.p.353;

" v.Archangelskiana, Pantoc.2p.33;

" v.producta, Pant.2p.33; 3p. -13f203; Det.S.p.353;

" v.Simpliciana, Grun.1334p.13; Witt 1335p.35-10f11; Det.S.1.355;

" v.tetragona, A.S., Atlas 152f23-23;

FRAGILIS, Grun.-Atlas 123f14; Det.Syll.p.359;

GREVILLEI, Witt 1335p.35-12f11; Atlas 96f32; 110f3;

Pant.2p.33; Det.S.p.359;

CRUNOWII, Witt 1335p.35-12f1; Atlas pl.110f5;

Pantoc.2, p.34; Det.Syll.p.359;

HEIBERGERI, Kilton.-J.Q.C.1371p.159-155; Det.S.1.355;

Atlas 96f2; 110f1, 2;

HYSTRIX, Pant.3p. -34f437:

INSIPIENS, Witt 1335p.36-10f1; 11f5, 7, 11; 12f2; Pant.2p.34;

Atlas 97f16; 110f11-13; Det.S.p.355:

JEREMIAE, Witt 1333p.24-3f12, 13:

(Solium; Triceratium.)---

Am. Mus. Nat. Hist.

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- VITTONIANA, Grin.-Atlas 97f1; Del.Syll.p.353; (T. asibergii, var.)--
 LIGULATA, Grove & Start.-J.Q.C. 1337p.33; Del.S.p.359;-(Tricetatum.)--
 MUELLERI, Partoc.3p. -39f54I; (Ditylium Grovei.)--
 PACIIII, Part.2p.34-19f293; Del.S.p.353;
 PALMIPES, Grin.-Atlas 173f12; (Trie. f. x Samsayi.)--
 PARADOXA, Grin. 1334p.15; Del.S.p.353;
 " v. valida, Grin. 1334p.15-2f53; Del.S.p.353;
 PILEOLUS, Grin. 1334p.68-2f59, 60; Atlas 97f11-15, 17-20; IIIf13, 14;
 Witt 1335p.33-9f15; 10f4; IIIf3, 9; Grin. x 1.1.74; Part.2p.34;
 Del.S.p.357; (Capsula; -Hemiaulus; -Trie.)---
 " v. Josephina, Grin. 1334p.68-2f54; Del.Syll.p.357;
 " v. sublanata, Grin. 1334p.68-2f55; Del.S.p.353; *see p. 287 p. 64*;
 " v. media, Grin. 1334p.68-2f57; Del.S.p.357;
 " v. seticulosa, Grin. 1334p.68;
 " v. tetragona, Grin. 1334p.68; Del.S.p.357;
 PRAECELLENS, Part.3p. -3If447;
 PRAECENS, Grin. 1334p.68; Del.S.p.353; (Trie.)--
 " v. perminuta, Grin. 1334p.68;-(Trie. penny)
 " v. Simbirskiana, Grin. 1334p.68;
 PRINCEPS, Witt 1335p.33-10f9; Atlas 110f4; Part.2p.34;
 Del.Syll.p.359; (Capsula.)--
 REGINA, Grin. p.50-317(1-7); LORON. Clav; R.E.C.1.317; J.Q.C. 1337p.10f-
 2f1-7; J.M.I.D.p.273-27f14; M.T.P.4-5-2; Sp.Sl.T.No.304; B.S.B.1330,
 p.12-1f10, 13; 1335p.152-1f10; 2f33, 37; Atlas 96f3-5; 97f3-5; Grin.
 1334p.63; Ann.Soc.Scl. 1335p.1.2f11, 12; 3f13, 14, 15-16; 4f12; Del.S.p.
 355; J.Q.C. 1336p.303; Witt 1335p.37;
 (Hemiaulus; -Trie. Wittonianum & Solenoceros.)
 " v. obtusa, Witt 1335p.37-1If1; (T. wittii.)
 " v. pinetolata, Grin. 1334p.67; Del.S.p.355;
 " v. tetragona, Grin. 1334p.67-2f53; Atlas 152f22; Del.S.p.355;
 RUSSICA, Partoc.3p. -23f419;
 SAMSEYI, Part.2p.34; 3p. -7f103; Del.S.p.353; (T. palmipes.)
 SIMULACROIDES, Part.3p. -23f417;
 SIMULACRUM, Grove & Start.-J.Q.C. 1337p.144-13f43; Atlas 127f14;
 Notar. 1333p.475; Del.S.p.359;
 SPARSA, Part.3p. -25f33I;
 SUBCAPITATA, Grin.-Grin. 1334p.69; Del.Syll.p.353;
 Witt 1333p.24-3f14; 7f20, 24; (Trie.)---
 " v. Stenica, Grin. 1334p.69;
 TSCHESTNOVII, Part.2p.34; 3p. -9f156; Del.S.p.357;
 TUBULOSA, (Hemiaulus.)--
 VENTRICOSA, Grove & Start.-J.Q.C. 1337p.33-5f1-3; 13f47; Notar. 1337p.
 352; Atlas 127f15-17; 159f12, 13; Del.S.p.353; (Capsula.)
 VELUTISSIMA, Part.3p. -30f439;
 WEISSFLOGII, Witt 1335p.37-IIIf2; Atlas 110f4;
 Part.2p.34; Del.Syll.p.353;
 WILLII, A.S., Atlas 96f1; 97f2; Part.2p.34; Del.Syll.p.357;
 (T. regina, var. obtusa.)--

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--, Meneg. A.N.O. p. 431:

(Ailacodiscus.)

ARGUS, E. K. B. p. 133-116; E. K. B. 1840 p. 79:

(Elipodiscus.) ---

GERMANICUS, E. - K. B. 1840 p. 79-316a, b;

(Elipodiscus G. & aff. 10.) -

TROCHISCIA. - (Montagne, 1852)

MONILIFORMIS, Montagne Ann. Sci. Nat. 1857, Vol. 3 p. 349;

(Podosira hormoides.)

TROCHOSIRA. - (Kittum, 1871)

MIRABILIS, Kittum. - J. Q. C. 1871 p. 170-14f3, 9; Det. S. 11. p. 1371;

Atlas 173f55; 180f43;

" var., A. V. I. S. 11. 33(2)f13:

ORNATA, Grun. - V. H. S. pl. 33f15; T. No. 452; Det. S. p. 1371; -(T. spinosa, var.)

SPINOSA, Kittum. - J. Q. C. 1871 p. 170-14f3, 7; Wollé, 67f13, 14;

Atlas 173f56; 180f49; Det. S. p. 1371;

" var., A. V. I. S. 11. 33(2)f14-17:

TROPIDONEIS. - (Cleve, 1891)

CONSERVA, Lewis. - Cleve Navic. p. 23 cum iconibus: - (Amphiprora.) ---

ADRIATICA, Cl. Nav. p. 26-3f22, 23;

ANTARCTICA, Grun. - Cl. Nav. p. 24;

(Stenoneis placida

Amphiprora a. & fragilis; - Navicula Challengeri.) -

APPROXIMATA, Cl. Nav. p. 26-3f20, 21; C. A. M. ENSIS, Cl. Nav. p. 27-3f5-7:

ELMANS, W. S. I. - Cl. Nav. p. 27 cum iconibus;

(Amphiprora.) ---

" v. Adriatica, Grun. - Cl. Nav. p. 27;

(Amphiprora. el., var.) -

" v. Posewitzii, Pant. - Cl. Nav. p. 27:

FUSIFORMIS, K. - Cl. Nav. Vol. 2, p. 53:

(Navicula)

GIBBERULA, Grun. - Cl. Nav. p. 26:

(Plagiotropis.)

JAPONICA, . - Cl. Nav. p. 27;

KINKERIANA, Cl. Navic. p. 26-3f1, 2;

LATA, Cl. Nav. p. 26-3f3, 4;

LEPIDOPTERA, Greg. - Cl. Nav. p. 25 cum iconibus;

(Amphiprora

diadema, indica, l., mediterranea & quarnensis.)

" v. delicatula, Grun. - Cl. Nav. p. 25:

(Amphiprora. del.) -

" v. minor, Cl. Nav. p. 25:

(T. Van derweyckii.) ---

" v. proboscidea, Cl. Nav. p. 25;

" v. Samoensis, Grun. - Cl. Nav. p. 25;

(Amphiprora. S.) ---

LONGA, Cleve Navic. p. 25-3f3; Oestrup 1897 p. 310:

(Amphiprora.) ---

" v. gracilis, Grun. - Cl. Nav. p. 25:

(Amphiprora. elegans, var.) ---

MAXIMA, Greg. - Cl. Nav. p. 26; Oestrup 1897 p. 31

(Amphiprora.) -

" v. decussata, Cl. Nav. p. 26-3f24, 25:

" v. dubia, Cl. & Grun. - Cl. Nav. p. 26;

(Amphiprora. max., var.) -

" v. subulata, Cl. Nav. p. 26:

MEMBRANACEA, Cl. Nav. p. 24:

(Amphiprora.) ---

PROBOSCICEA, ?

(Plagiotropis.)

PUSILLA, Greg. - Cl. Nav. p. 26:

(Amphiprora.) ---

SAMOENSIS, Grun. - Cl. Navic. p. 23:

(Plagiotropis.)

SEMISTRIATA, Grun. - Cl. Nav. p. 27-3f9-II:

(Amphiprora.) -

SERIATA, Cl. Nav. p. 23; LeD. Vol. 2 p. 75-12f2-4:

(Plagiotropis.)

acuminata, *Forbm. D.M. p. 20.*

Constricta, *Forbm. D.M. p. 20.*

TROPIDONEIS. ---

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- RECTA, Greg. - Cl. Nav. p. 23: -(Amphipora; -Amphoropsis; -Plagiostrophia.) ---
 * v. subplicata, Grun. - Cl. Nav. p. 23: (Amphipora, plic., v.)
 SOLIDULA, Cl. Navic. p. 25-2f19-21:
 SUMBAVENSIS, Cleve Navic. p. 26:
 TUMIDA, w. Sm. - Cl., Led. Vol. 2p. 53; (Scoliopterna.)
 VANMEURCKII, Grun. - Cl. Nav. p. 27: Temp. & Par. Type No. 292: -(Plagiostrophia.)
 VITREA, w. Sm. - Cl. Nav. p. 27; (Amphipora. & Plagiost.)
 * v. Mediterranea, Grun. - Cl. Nav. p. 27:
 * v. scaligera, Grun. - Cl. Nav. p. 23: (Plagiostrophia.)
 ZEBRA, Cleve. - Led. Vol. 2p. 75-12f1: Cl. Nav. p. 23: (Plagiost.)

TRUJANIA. - (Pant., 1 Mo.)

- ARCHANGELSKIANA, Pant. Ip. 45-20f173; 2p. III; Atlas I73f6;
 Notar. I333p. 544: Det. Syll. p. I42I:

TRYBUTONELLA. ---

- , Tanarua I379p. 50; Br. Alp. p. 102
 ACUMINATA, Sm. B. D. Ip. 36-10f77; Prit. p. 792-4f37; Grun. I352p. 555; Lewis,
 & R. p. 71; Carr. p. 36; Roper, Thames; Hull; Cl. I333p. 239; R. E. D. p.
 I43; Dippel I370p. 4; Eiben, I371; Sm. Sp. T. No. 605; M. T. P. I-5-2; Lagr.
 I373p. 30; Parag. p. 67; Villef. p. 56: (Nitzschia; -T. angustata.) ---
 ANGUSTATA, Sm. B. D. Ip. 36-30f232; M. J. I354p. 97-4f7; Breb. D. C. p. 22; Rab.
 Alp. No. I54I; Prit. p. 792; Heib. p. II6; Grun. I352p. 554; Schum. I334p. I3;
 New Zealand; Hull; Cl. I333p. 233; Carr. p. 36; R. E. D. p. I43; Dippel I370
 p. 4; Br. Alp. p. I03-4f23; Dannf. p. 33; Gallen, Papan; Petit liste p.
 22; Shark River; Kinnora; Bellec, Lichon; Delogne; Parag. p. 67;
 Villef. p. 56: (Nitzschia; -Synalga plicatula.) ---
 * v. acuminata, Br. Alp. p. I03-4f27: (T. ac.) -
 ANTIQUA, Schumann I352p. I. 3f22: (Nitz. angustata, var.) ---
 APICULATA, Greg. - M. J. I357p. 79-If43; Breb. D. C. p. 22; Prit. p. 793; R. E. D.
 p. I43; Grun. I352p. 554-12f309; Hull; Schum. I339p. 35-2f3; Dannf. p. 33;
 Eiben, I371; Parag. p. 67; Delogne; (Nitzschia; -T. constricta.) -
 CIRCUMSUTA, Balg. - Ralfs, Prit. p. 792; Carr. p. 36; Cl. & M. No. 43; Lagr.
 I373p. 29; Sm. Sp. T. No. 606; A. J. M. I377p. I5I; Dannf. p. 37;
 Parag. p. 67: (T. scitellum; -Smirella; -Nitzschia.) -
 COARCTATA, Parag. Villef. p. 56: (Nitzschia; -T. plicatula, v.) --
 CONSPICUA, Kitton. - M. M. J. I373p. 207-33f7; (Nitz. microplicata.) ---
 CONSTRICTA, Greg. - M. J. I355p. 39-4f13; Breb. D. C. p. 22; S. B. D. p. 30; Prit.
 p. 793; Grun. I352p. 554; Carr. p. 36; Hull; R. E. D. p. I43; Dany Pol. p. 24;
 Larzi Ostia p. 24; I370p. 5; I371, p. 11; Dannf. p. 33; Carr. p.
 33; Villef. p. 56: (Nitzschia; -T. angustata & scitellum.) -
 CONTRACTA, Schumann I352p. I36-3f20;
 DEBILIS, Arnott. - M. J. I373p. 310; I374p. I36; New Zealand;
 Cl. I330p. 33: (Nitzschia.)
 GRACILIS, w. Sm. B. D. Ip. 35-10f75; Front.; A. M. N. I. I357p. 7-If3; Prit. p.
 793-4f36; Schum. I352p. I35-3f21; I357p. 53; New Zealand; Carr. p. 36;
 Roper, Thames; M. D. p. I3f6I, 32; Hull; R. E. D. p. I43, f49; Sm. Sp. T. No.
 607; M. T. P. I-5-5: (Nitzschia; -Smirella.)

marginata, form. D.M. p. 20:

pellucida,

" var. coarctata, Grün. Perag. p. 56:

" punct. var.

TRYBLIONELLA. --

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- GRANULATA, Cleve 1373p.20; Villef. p.56; (Nitzschia.) --
 MARGINALIA, Grun. 1362p.552-1362p.553; R.E.D. p.147; Petit 1866 p.22;
 M.T.P.I-5-3; Shark River; Delogne; Atlantic City; Gallia, Pagan;
 Bellef, Lichon: Parag. p.37; (Nitzschia tryblionella.)
 var., Cl. 1330p.39-5f71; M.T.P.I-5-7;
 HUNGARICA, Grun.-Parag. p.37; (Nitzschia.) ---
 v. linearis, Parag. p.37; (Nitzschia.) ---
 LANCEOLA, Grun.-Cl. 1373p.14-4f25; (Nitzschia.) ---
 LATA, Witt, J.M.G. Vol.2, 1373p.36-3f3; (Nitzschia lanceolata, v.) --
 LEVIDENSIS, Sm. B.D. p.35; Prit. p.793; Breb. Varn. p.9; Carr. p.33;
 R.E.D. p.143; Eiben, 1371: Dannf. p.35; Parag. p.37;
 (Nitzschia tryblionella, var., & l.; -T. minor & Victoriae.) ---
 MARGINATA, Sm. B.D. p.35-10f73; Mill; Grun. 1362p.552; Breb. Varn. p.9; Carr. p.33;
 R.E.D. p.143; Eiben, 1371: Dannf. p.35; Parag. p.37; (Nitzschia tryblionella, var., & l.; -T. minor & Victoriae.) ---
 Deby Polu. p.24; Cl. 1373p.26; Villef. p.56; (T. navicularis.) ---
 MINOR, W. Sm.-Catalog British Museum p.14; (T. levidensis.) ---
 NAVICULARIS, Breb.-Prit. p.792; Breb. Varn. p.9; Carr. p.33; R.E.D. p.143;
 Eiben, 1371: Parag. p.37; (Nitzschia tryblionella, var., & l.; -T. minor & Victoriae.) ---
 NEPTUNI, Schumann 1367p.53-1f11; Dannf. p.35;
 (Nitzschia elongata & punctata.) ---
 OVATA, Lagr. 1373p.30-2f20; Reinhard 1374p.21; Delogne;
 PERJANA, Cl. 1373p.14; (Nitzschia elongata.) ---
 PUNCTATA, Sm. B.D. p.35-10f73; 30f26; Breb. Varn. p.9; Carr. p.33; R.E.D. p.143;
 Eiben, 1371: Dannf. p.35; Parag. p.37; (Nitzschia tryblionella, var., & l.; -T. minor & Victoriae.) ---
 35; M.T.P.I-5-1; Schum. 1362p.135-3f22; Cl. 1373p.14; Reinhard; Petit
 1866; Lagr. 1373p.30; Shark River; Parag. p.37; Bellef; Malaisie;
 Villef. p.56; Fortm. D.M. p.20; (Nitzschia.) ---
 v. constricta, Grun. 1362p.554; Lagr. 1373p.30; R.E.D. p.143;
 v. curta, (abbreviata) Grun. 1362p.554; Cl. 1373p.239;
 R.E.D. p.143; Lagr. 1373p.30;
 v. elongata, Grun. 1362p.554; Villef. p.56-3f27
 SCUTELLUM, Sm. B.D. p.35-10f74; M.D. p.13f30; R.E.D. No.12; Lewis,
 1867 p.71; Mill; Deby Polu. p.24; Atlantic City; Shark River;
 (Sirirella; -T. (& Nitzschia) acubilis & scutellum.) Fortm. D.M. p.20;
 SAUTERIANA, Wm. S.?
 SOLEIFORMIS, Wm. Sm. MSS.: - (T. constricta.) ---
 SUBSALINA, J.M. - M.S. 1372p.310; a. b.
 VICTORIAE, Grun. 1362p.553-12f34; 1363p.97; R.E.D. p.147;
 R.A. No. 1502; Eiben, 1371; M.T.P.I-5-2; Carr. 1363;
 (Nitzschia tryblionella, var.; -T. levidensis.) ---
 TSCHESTNOVIA, (Nitzschia tryblionella, var.) ---
 MIRABILIS, Pant. 2p.110-1f10; Del. Syll. p.1425;
 (Ailacodiscus crater & zonitatus.) -
 v. partita, Pant. 2p.110;
 v. polygibba, Pant. 2p.110;

TUBULARIA.----- (Br. n., 1893.) ---

PISTILLARIS, Br. n. - Leq. Vol. 2 No. 17, p. 33-3ff12; No. 21, p. 133:

ULMARIA.--- (V. 102., 1841.) -

A Subgenus of Symplocaria; -

Vide V. B. p. 65; V. S. A. p. 43; Meneghini A. N. D. p. 400: -

ULVA. - (Vaucher,

OLIVACEA, Agarich Flora Darm. taf. 1429: (Meridion verticill.) -

FOETIDA, Vaucher. - Histoire p. 244-17f13; English Bot. taf. 2101:

(Conferva; -Schizonema Dillwynii & Smithii.) -

VANHEURCHIA. - (Pant., 1892) -

ADMIRABILIS, Pantoc. 3p. 7. - If4:

---, Leq. Vol. 2, p. 133:

VANHEURCHIA. - (Breb., 1868:

AMBIGUA, Breb. V. H. p. 206: V. 1. S. p. 2f12; (Navicula.) ---

" var. craticula, Breb. V. H. p. 206:

CRASSINERVA, Breb. V. H. p. 204; J. R. M. S. 1890 p. 103-2f7, 3: V. 1. Type

No. 132: Trian 1835 p. 46-2f2; Carp. 1891, pl. 11f9: (Tristulia

Saxonica, torfacea & rh.; -Navicula; -Nav. & Vant. rhomboides, v.) ---

CUSPIDATA, Breb. V. H. p. 205: (Navicula.)

" var. ^{crat.} Breb. V. H. p. 205: (Smirella craticula.) -

LEWISIANA, Breb. V. H. p. 202: (Trist.; -Navic.)

RHOMBOIDES, Breb. V. H. p. 204; Cl. 1831 p. 5: V. 1. S. p. 15, 112-17f1, 2: 1.

No. 130; Trian 1835 p. 46-2f1: (Tristulia; -Navic.; -Vant. crassinervis.) --

) --

" v. crassinervis, Cl. 1831 p. 5: V. 1. S. p. 112-17f4, 5;

(Trist. rh., var. Saxonica; -Navicula & Vant. cras.) --

" v. gracilis, Cl. n. - V. 1. Type No. 131:

STYRIACA, Cl. n. - V. 1. S. p. 17f7, 8: (Trist.; -Navic.) -

VIRIDULA, Breb. V. H. p. 202-1f1-4; Manoury 1870 p. 2f6;

V. 1. S. p. 112: T. No. 133: Collettonema; -Trist.; -Schizonema.) --

VULGARIS, Thwaites. - V. 1. S. p. 112: Type No. 134;

8.5

(Collettonema; -Tristulia; -Schizonema.) --

VESICULIFERA. - (Hass.

COMPOSITA, Hassall-A. M. N. 1. Vol. 10, p. 394:

(Melosira varians.) 10

VIBRIO. - (Müller, 17

HALX, Bruguiera Tableau Methodique:

BIPUNCTATUM, Müller, Animal Infus. p. 52-7f11: (C

INTERMEDIA, Brug. Tableau Meth.;

PARVULUS, Müller, Br. 1831, p. 103-11f10-20; 11f11-11f12:

Contrib. to Dan. Fl. 1883
vol. 2 p. 277:

p. 54-7f13-7: Heib. p. 12: (Bacillaria & Nitzschia paradoxo; -Navicula.) -

TRIPUNCTATUM, Müller, Animal Infus. p. 52-7f12: (C

5-0

Heib. p. 12: Contrib. to Dan. Fl. 1883 vol. 3 p. 29:

PYRARIA, Roessel.-Müller, Animal Infus. p. 324-46ff I-4 (1786): --Müller,
Verm. Vol. I, p. 126 (1773): (Comphonema & Echinella geminata.) --- / - 0
Ag. Cons. p. 26:

WILLAMOESTA. - (Comphonema)

--, Castr. I. 337 p. 165-3f3, 3a, b: (Coscinodiscus humilis.) --- / - 0

WITIA. -- (Pantocsek, 1889.) -

INSIGNIS, Pant. 21. II 0-7ff 123: Del. Syll. p. 1395: (Lepidodiscus.) --- / - 0

WRIGTHIA. -- (1890)

Genus novam, of O'Meara: -- Vid. M. J. 13371. 295: --

XANTHOPYXIS. -- (1890)

ACULEATA, E. - Mik. pl. 13ff 124; Prit. p. 327; Del. Syll. p. 1156;
(Pyxidicula; -Stephanopyxis.) -

ALATA, E. - Abh. Ber. 1344 p. 273; Prit. p. 327; Del. S. p. 1155: (Pyxidicula.) --

CINGULATA, E. - Mik. pl. 33-17ff 13; Woll. 32ff 27; Pant. 2 p. 76;
Del. Syll. p. 1156;

CONSTRICTA, E. - Abh. Ber. 1344 p. 273; Prit. p. 327; J. Q. C. 13371. 71:
Del. S. p. 1155; (Pyxid.) --

GLOBOSA, E. - Abh. B. 1343 p. 273; Prit. p. 327; Del. S. p. 1155: (Pyxid.) -

HIRSUTA, [E.] - Ralfs, Prit. p. 327; Del. S. p. 1155; (Pyxid.) ---

OBLONGA, E. - Abh. B. 1344 p. 273; Mik. pl. 33-17ff 17; A. J. S. 13451.

327-4ff 14; Prit. p. 327; 5ff 7; J. Q. C. 13351. 177-18ff 13; 13371. 71:

Pant. 21. 76: Del. S. p. 1156: (Pyxid.) -

PANDURIFORMIS, Pant. Ip. 43-29ff 297; Notul. 13331. 544:

Pant. 2, p. 76; Del. S. p. 1155;

SPINULO-RADIATA, Brn. - Del. Syll. p. 1156: (Pantocsek.) -

UMBONATA, Grev. - T. M. S. 1363 p. 2-1f5; Brn. & T. p. 74; Del. S. p. 1156;

Woll. pls. 74ff 16; 34ff 10:

URCEOLARIS, E. - Abh. Ber. 13451. 81; Mik. pl. 33-16ff 14; Prit. p. 327;

Del. Syll. p. 1156; (Pyxidicula.) / - 0

ZYGOCEROS. - (1890)

--, Vgl. A. N. C. 1. 436:

ANTIQUUS, Pant. 3 p. 125ff 377: Del. Syll. p. 366: (Sketetonema stylifera.) ---

" v. interrupta, Pant. 3 p. 125ff 391:

AUSTRALIS, E. - Abh. Ber. 1344 p. 205; V. S. A. p. 139; Prit. p. 350:

Del. S. p. 333: (Tetrasinae ?) -

BALAEIA, E. - Abh. B. 1353 p. 529; Mik. pl. 35A-26ff 17; M. J. 13391. 101-

9ff 15; Cl. Vares; 13371. 332; 13331. 215; 13371. 11; 13371. 11:

Cl. & M. No. 5: Del. S. p. 337: (Biddulphia; -Z. radiatus.) -

BIPONS, E. - Vred. 1346 p. 273; A. J. S. 1345 p. 329-4ff 24; V. S. A. p. 139;

Prit. p. 350; Del. S. p. 333: (Lemnalia.) ---

CIRCINUS, Bailey M. S. p. 11, ff 19, 20; Prit. p. 350; V. S. A. p. 105ff 10;

Woll. 64ff 11; Pant. Ip. 125ff 244; 2, p. 34; Del. S. p. 337:

" v. trapezoidalis, Brn. & T. p. 74:

- EMERSONI, Bailey.-A.J.S. 1343p. 139; Del. S. p. 333:-(Emersonia algaris.)--
 HEMIROPUS, Bailey.-B.C.N. 1. 1351p. 344-2f71-73; Del. S. p. 333:-(Biddul.)-
 MARGARITACEUS, Bailey & Harvey p. 179-9f31; Del. Syll. p. 333:
 HUNGARICUS, Pant. 31. -13f207; Del. S. p. 333:
 MORILIENSIS, Bailey M.O. p. 40-2f34, 35; Prit. 1352p. 450; 1351p.
 350-3fII; Del. S. p. 333: (Biddulphia Baileyi & M.)
 NAVICULA, E.-Abh. Ber. 1342p. 235; Mik. 11. 19f22; Prit. p. 350:
 (Hemiallus; -Rhabdonema.)
 OCCIDENTALIS, E.W.B.-B.C.N. 1. 1351p. 340-2f33-33;
 Wille 11. 340II; Del. S. p. 333:
 PARADOXUS, E.-Mik. 11. 22f54; Prit. p. 350; Del. S. p. 333:
 (Hemiallus; -Sirella.)-
 PELAGICUS, Cl., Kattegat 1339p. 2 cum icones: Notar. 1339p. 197:
 Hist. Nat. 139p. 13; Del. S. p. 337:
 RADRICORUS, Cinn.-V. 1. S. 11. 13515-7; Pant. 11. -20f23, 2, 1. 34:
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