

5. *Hyalina hilum* Weinland et Martens.

Testa anguste umbilicata, depressa, tenuis, nitida, hyalina; spira parum elevata; anfr. $4\frac{1}{2}$ —5, convexiusculi, ultimus obtuse angulatus, infra inflatus, antice non descendens; apertura parum obliqua, late lunaris; peristoma simplex, rectum, margine columellari reflexiusculo. — Diam. maj. $2\frac{1}{2}$, min. 2, alt. $1\frac{1}{3}$, umbilici latitudo $\frac{1}{2}$ mill.

Habitat Haiti, Dr. Weinland.

6. *Streptaxis suturalis* Martens.

Testa perforata, globoso-conica, tenuis, alba; spira subregularis, turbinata, apice obtusa; anfr. $7\frac{1}{2}$, parum convexi, oblique costulato-striati, ultimus basi laevis, convexus, antrorsum parum devians; sutura planulata, costulata; apertura obliqua, semiovalis; peristoma album, undique late reflexum, margine superiore flexuoso. — Diam. maj. 28, min. 23, alt. 27 mill.

Habitat in Nova Granada, legit Engel.

Dicht unter der Naht läuft auf jeder Windung eine stumpfe Kante; auf dem flacheren Raume zwischen dieser und der Naht sind die Rippenstreifen stärker und verlaufen in einer weniger schiefen Richtung. Die wenig unregelmässige Form schliesst diese Art an *Str. subregularis* und *alveus*, der Umriss der Mündung näher an *Str. nobilis* an. Von allen mir bekannten unterscheidet sie sich durch die breit konische Form und die beschriebene Naht.

Nachträge zum zweiten Supplemente meiner Monographia Heliceorum.

Von Dr. L. Pfeiffer.

(Fortsetzung.)

33 a. *H. seposita* Benson. †

„Testa imperforata, conoideo-globulosa, tenui, obsolete oblique striatula, albida, epidermide cornea induta; spira

brevi, conoidea, apice obtuso, sutura impressiuscula; anfractibus 3, superne vix convexiusculis, ultimo magno, ventricosus, pene totam testam efformante, periomphalo leviter excavato; apertura magna, obliqua, rotundato-lunari, peristomate tenui, recto, margine columellari arcuatim descendente, vix expansiusculo. — Diam. maj. 7, min. $5\frac{1}{2}$, axis 5 mill.; apert. long. $4\frac{1}{2}$, lat. 4 mill.“ (B.)

Helix seposita Bens. in Ann. and Mag. N. H. 1859. Apr. p. 267.

Habitat prope Darjiling (H. Blanford).

Obs. „An forte Vitrinae species?“

115a. H. Calpis Benson. †

„Testa perforata, ovato-globosa, regulariter oblique subremote impresso-striatula, polita, lutescente-cornea, lineis spiralibus pallidis cincta; spira ovato-conica, apice obtuso, sutura impressa; anfractibus $4\frac{1}{2}$ convexis, ultimo ventricosus, antice sensim descendente, verticaliter elongato, ad parietem horizontaliter complanato, circa perforationem excavato; apertura vix obliqua, verticaliter truncato-ovata, peristomate tenui, recto, margine columellari subverticali, expanso, revolut-reflexo, perforationem satis magnam celante. — Diam. maj. 4, long. $5\frac{1}{2}$ mill.; apert. long. 3, diam. 2 mill.“ (B.)

Helix Calpis Bens. in Ann. and Mag. N. Hist. 1859. Apr. p. 268.

Habitat in valle Rungun, prope Darjiling.

Obs. Specimina adulta quasi distorta apparent, anfr. ultimo versus aperturam elongato.

151a. H. Rimicola Benson. †

„Testa vix perforata, orbiculato-pyramidata, tenui, fragili, oblique striatula, diaphana, pallide cornea; spira conica, apice obtuso, sutura leviter impressa; anfractibus $5\frac{1}{2}$ convexiusculis, ultimo convexo, compresse rotundato; apertura obliqua, subquadrato-lunari, peristomate tenui,

recto, margine columellari verticaliter descendente, basali arcuato. — Diam. maj. $4\frac{1}{2}$, min. 4, axis 4 mill.“ (B.)

Helix Rimicola Bens. in Ann. and Mag. N. H. 1859. Apr. p. 266.

β. Peripheria primo subangulata, angulo versus aperturam evanescente, in juniore magis conspicuo.

Habitat prope Landour Himalajae occidentalis, var. in valle Rungun prope Darjiling.

201. *H. Barrakporensis* Pfr.

Cf. *Bens.* in Ann. and Mag. N. H. 1859. Apr. p. 272. — *H. Sivalensis* Hutt. mss.

309a. *H. Hodgsoni* Blanford. †

„Testa anguste perforata, globoso-depressa, solidiuscula, radiato-striatula, superne striis minutissimis inconspicuis spiralibus sculpta, subtus nitidula, translucens, sub epidermide caduca, pallide cornea, albida; spira conoidea, apice obtuso, sutura impressa, leviter marginata; anfractibus 5, primis sensim crescentibus convexiusculis, ultimo ad peripheriam compresse convexo, subtus convexiusculo; apertura subobliqua, subquadrato-rotundato-lunari, peristomate tenui, recto, margine columellari subverticaliter descendente, superne reflexo, marginibus callo tenui junctis. — Diam. maj. vix 7, min. 6, axis $4\frac{1}{2}$ mill.“ (B.)

Helix Hodgsoni Blanf. mss. *Bens.* in Ann. and Mag. N. H. 1859. Apr. p. 267.

Habitat ad Pankabari, in regione calidiori Terai. (Darjiling.)

309b. *H. rorida* Benson. †

„Testa subperforata, globoso-depressa, tenuissima, minutissime radiato-striatula, polita, pellucida, fusco-cornea; spira depresso conoidea, apice obtuso, sutura impressiuscula, tenui-marginata; anfractibus 4 convexiusculis, ultimo ad peripheriam convexo, subtus convexiusculo; apertura obliqua, subrotundato-lunari, peristomate tenui, recto, margine columellari verticali, arcuato, superne brevissime re-

flexo, perforationem fere celante. — Diam. maj. 5, min. $4\frac{1}{2}$, axis $2\frac{1}{2}$ mill.“ (B.)

Helix rorida Bens. in Ann. and Mag. N. H. 1859. Apr. p. 266.

Habitat ad Darjiling, nec non ad collem Sunhul.

317 a. *H. ornatissima* Benson. †

„Testa aperte perforata, subconoideo-depressa, superne oblique confertim et arcuatim costulato-striata, subtus laevigata, polita, obsolete radiato-striata, luteo-cornea, infra pallidiore; spira depresso-conoidea, lateribus planulatis, apice obtuso, sutura impressa submarginata; anfractibus 7 arcte et lente accrescentibus, convexiusculis, ultimo superne angulato, angulo ad marginem aperturae obsoleto, antice vix descendente, subtus convexo; apertura obliqua, transversim lunata, peristomate recto, intus vix labiato, margine basali arcuato, antrorsum leviter projecto, breviter expansiusculo. — Diam. maj. 16, min. 14, axis 8 mill.“ (B.)

Helix ornatissima Bens. in Ann. and Mag. N. H. 1859. Apr. p. 269.

Habitat ad Pankabari (1000 ped. alt.) prope Darjiling.

324 a. *H. Patane* Benson. †

„Testa perforata, subconoideo-depressa, tenui, fragili, radiatim rugoso-striatula, nitidula, diaphana, lutescente-cornea; spira depresso-conoidea, apice nitido, hyalino, obtuso, sutura impressa; anfractibus 5 convexiusculis, lente accrescentibus, ultimo antice leviter descendente, ad peripheriam rotundato-compresso, subtus convexiusculo, ad periomphalum excavato; apertura obliqua, transverse lunata, peristomate tenui, acuto, margine basali arcuato, columellari breviter expanso. — Diam. maj. vix 9, min. 8, axis 4 mill.“ (B.)

Helix Patane Bens. in Ann. and Mag. N. H. 1859. Apr. p. 270.

Habitat ad Darjiling, rarissime.

346 a. *H. sequax* Benson. †

„Testa perforata, subconoideo-depressa, fere tenui, oblique striatula, sub lente confertissime spiraliter obsolete striata, nitida, diaphana, livide olivaceo-cornea; spira depresso-conoidea, lateribus convexiusculis, apice obtuso, sutura impressa, subcanaliculato-marginata; anfractibus $5\frac{1}{2}$ convexiusculis, sensim accrescentibus, ultimo antice (aetate) vix descendente, ad peripheriam compresse rotundato, subtus convexiusculo, medio excavato; apertura obliqua, transversim lunata, peristomate tenui, recto, margine basali arcuato, columellari breviter reflexo. — Diam. maj. 18, min. 15, axis 7 mill.“ (B.)

Helix sequax Bens. in Ann. and Mag. N. H. 1859. Apr. p. 270.

Habitat copiose ad Darjiling et in valle Rungun.

555. *H. porcina* Say. †

Cf. *Bland* in Ann. Lyc. N. York VI. p. 344 c. fig.

623. *H. cellaria* Müll.

Cl. *Bland* in Ann. Lyc. N. York VI. p. 352 *H. glaphyram* Say eandem speciem esse negat et hanc potius ad *H. inornatam* Binn. pertinere censet.

683 a. *H. camura* Benson. †

„Testa anguste umbilicata, conoideo-depressa, oblique rude rugoso-plicatula, sub lente minutissime granulata, subtus laeviori, translucida, cornea; spira depresso-conoidea, lateribus planulatis, apice acutiusculo, sutura leviter impressa, junioris marginata; anfractibus $6\frac{1}{2}$ vix convexiusculis, ultimo compresse carinato, subserrulato, subtus convexo; apertura obliqua, transversim angulato-lunata, peristomate tenui, recto, margine basali valde arcuato, columellari expansiusculo. — Diam. maj. 22, min. 19, axis 10 mill.“ (B.)

Helix camura Bens. in Ann. and Mag. N. H. 1859. Apr. p. 269.

Habitat in valle Rungun, prope Darjiling, rarior.

700 a. *H. macropleuris* Benson. †

„Testa subaperte umbilicata, attenuato-pyramidata, oblique minute arcuato-striata, superne costis remotis elevatis, arcuatis munita, decorticata albida, nitidula; spira pyramidalis, superne attenuata, apice papillari, papilla laeviori, sutura carinato-marginata; anfractibus 8 convexiusculis, ultimo non descendente, filoso-carinato, subtus planulato, versus aperturam convexiusculo, circa umbilicum profundissimum, anguste perspectivum, angulato; apertura obliqua?, transversa, quadrata, peristomate tenui, recto, margine columellari lato, expansiusculo. — Diam. maj. 5, min. $4\frac{1}{2}$, long. $5\frac{1}{2}$ mill.“ (B.)

Helix macropleuris Bens. in Ann. and Mag. N. H. 1859. Apr. p. 265.

Habitat in valle Rungun, prope Darjiling, rarissime.

700 b. *H. Corys* Benson. †

„Testa perforata, elongato-pyramidalis, oblique confertim minutissime costulato-striata, albida, non nitente; spira anguste pyramidalis, apice obtusiusculo, sutura impressa; anfractibus $5\frac{1}{2}$ convexiusculis, ultimo ad peripheriam filoso-carinato, basi planiuscula; apertura obliqua?, quadrata, longitudine latitudinem aequante, peristomate tenui, recto, margine columellari verticali, longe vix expansiusculo. — Diam. 2, long. 3 mill.“ (B.)

Helix Corys Bens. in Ann. and Mag. N. H. 1859. Apr. p. 265.

Habitat eodem loco ac praecedens.

772. *H. jejuna* Say.

Cf. *Bland* in Ann. Lyc. N. York VI. p. 341, ubi *H. Mobiliana* ei injungitur.

911 a. *Helix Nyelii* Mitre.

T. umbilicata, conoideo-depressa, solidula, carinata, conferte et subtiliter costulata, albida vel pallide lutescenti-cornea, superne maculis fuscis seriatis, subtus plerumque fasciis fuscis ornata; spira brevissime conoidea, vertice

subtili; sutura submarginata; anfr. 5 vix convexiusculi, ultimus antice subdeflexus, peripheria subcrenulato-carinatus, basi convexus; umbilicus latiusculus, conicus; apertura perobliqua, rotundato-lunaris, vix angulata; perist. intus labiatum, margine supero recto, basali reflexiusculo. — Diam. maj. $11\frac{1}{2}$, min. 10, alt. $5\frac{1}{2}$ mill. (Coll. Nr. 1164.)

Helix Nyelii *Mittre*, *Pfr.* Mon. Hel. I. p. 175. n. 451. IV. n. 918.

Habitat in insula Minorca.

1283 b. *H. Purchasi* *Pfr.*

T. imperforata, globoso-depressa, tenuissima, confertissime plicatula et sub lente subdecussata, aeneo-micans, pellucida, pallide cornea; spira breviter conoidea, obtusa; sutura marginata; anfr. vix $3\frac{1}{2}$ planiusculi, rapide accrescentes, ultimus non descendens, medio carina compressa, acuta, alba munitus, subtus inflatus, basi gibbosus; apertura ampla, obliqua, late angulato-lunaris; perist. tenue, breviter reflexum, margine columellari arcuato, compresso, subcalloso, juxta foveam centalem non dilatato. — Diam. maj. 23, min. $17\frac{1}{2}$, alt. $13\frac{2}{3}$ mill. (Mus. Cuming.)

Helix Purchasi *Pfr.* in Proc. Zool. Soc. 1858. p. 21. t. 40. f. 4.

Habitat in insulis Admiralitatis (Dr. Purchas).

1329 a. *H. monacha* *Pfr.*

T. imperforata, globoso-conica, solida, rugoso-striata et sub lente minute granulata, castanea; spira conoideo-elevata, obtusula; anfr. $5\frac{1}{2}$ modice convexi, lente accrescentes, ultimus antice vix descendens, medio obsolete subangulatus; apertura fere diagonalis, rotundato-lunaris, intus livida, nitida; perist. carneum, undique breviter expansum, marginibus remotis, columellari ad insertionem in laminam triangularem, adnatam dilatato. — Diam. maj. 27, min. 23, alt. 19 mill. (Mus. Cuming.)

Helix monacha *Pfr.* in Proc. Zool. Soc. 1858.

Habitat in Australia.

Obs. Similis *H. coriariae*, differt spira elevata, peristomatis margine dextro expanso, etc.

1401 a. *H. Hjalmarsoni* Pfr.

Malak. Bl. 1858. p. 148. t. 1. f. 1—3. (Coll.) Haiti.

1406 a. *H. provisoria* Pfr.

Malak. Bl. 1858. p. 39. (Coll.) Cuba.

1412 a. *H. Trinitaria* Gundlach.

Malak. Bl. 1858. p. 176. (Coll.) Cuba.

1440 a. *H. circumornata* Fér.

v. *Mart.* in Malak. Bl. 1858. p. 132.

1442. *H. Surrentina* A. Schmidt.

v. *Mart.* in Malak. Bl. 1858. p. 130. (*H. Carseolana* Phil., *Rossm.*, *Pfr.* in Chemn. nec *Fér.*)

1467 a. *H. Paeteliana* Shuttleworth.

T. imperforata, depresse conoideo-globosa, tenuis, striatula et sub lente granulata, nitida, fulvo-olivacea, fasciis 5 saturate castaneis ornata; spira conoidea, obtusula; anfr. 5 convexiusculi, ultimus inflatus, antice deflexus; apertura magna, diagonalis, lunato-circularis, intus submargaritacea; perist. tenuiter carneo-labiatum, marginibus conniventibus, dextro breviter reflexo, columellari dilatato, adnato. — Diam. maj. 24, min. 19, alt. 15 mill. (Mus. Cuming.)

Helix Paeteliana Shuttl. in sched.

Habitat Fuerte Ventura insularum Canariensium.

1478. *H. clausomphalos* Dev. et Hupé. †

Hupé in Casteln. Exp. Moll. p. 16. t. 3. f. 3.

1478 a. *H. Farrisi* Pfr.

T. imperforata, ovato-depressa, tenuiuscula, spiraliter striata et foveolis impressis reticulata, fulva, fasciis 4 nigricantibus et maculis punctisque luteis variegata; spira bre-

vis, conoidea, apice obtusula; anfr. vix ultra 4 rapide accrescentes, ultimus ventrosus, antice deflexus, medio impressus, castaneus; apertura perobliqua, truncato-ovalis; perist. albo-labiatus, margine dextro expanso, columellari dilatato, plano, adnato. — Diam. maj. 35, min. 27, alt. 19 mill. (Mus. Cuming.)

Helix Farrisi Pfr. in Proc. Zool. Soc. 1858.

Habitat in provincia Patasensi Andium Peruviae (Dr. Farris).

§. 99. 1510 a. *H. Aphrodite* Pfr.

T. imperforata, depressa, tenuis, striatula et sub lente obsoletissime decussatula, pellucida, nitida, pallide straminea; spira parum elata, vertice minuto, obtuso; sutura albo-marginata; anfr. $3\frac{1}{2}$ rapide accrescentes, convexiusculi, ultimus acute albo-carinatus, antice vix descendens, constrictus, subtus convexus; apertura obliqua, securiformilunaris; columella plana, compressa, arcuatim descendens; perist. candidum, breviter reflexum, marginibus convergentibus, supero subflexuoso. — Diam. maj. 36, min. $27\frac{1}{2}$, alt. 15 mill. (Mus. Cuming.)

Helix Aphrodite Pfr. in Proc. Zool. Soc. 1858.

Habitat in Nova Caledonia.

1520 a. *H. jactata* Gundlach.

Malak. Bl. 1858. p. 175. (Coll.) Cuba.

1521 a. *H. patricia* Pfr.

T. imperforata, subdepressa, solida, carinata, superne oblique striata et irregulariter malleato-impressa, sub epidermide alba; spira convexa, apice obtusa; sutura linearis; anfr. $4\frac{1}{2}$ regulariter accrescentes, convexiusculi, ultimus superne convexior, antice deflexus, infra carinam prominentem, acutam, antice funiformem minus convexus, liris spiralibus et plicis radiantibus sculptus; apertura diagonalis, rotundato-rhombea; perist. album, nitidum, expansum et breviter reflexum, marginibus callo albo junctis,

columellari intrante, declivi, dilatato, planiusculo. — Diam. maj. 63, min. 55, alt. 35 mill. (Mus. Cuming.)

Helix patricia Pfr. in Proc. Zool. Soc. 1858.

Habitat?

1637 a. *H. brevibarbis* Pfr.

T. umbilicata, subtrochiformis, carinata, tenuiuscula, irregulariter striata et lineis spiralibus confertis decussatula, diaphana, corneo-albida, ad carinam acutam, breviter barbata castaneo-unifasciata; spira convexo-conica, acutiuscula; anfr. $6\frac{1}{2}$ fere plani, ultimus non descendens, circa umbilicum mediocrem, pervium convexior; apertura diagonalis, angulato-lunaris; perist. albidum, marginibus vix convergentibus, supero expanso, basali reflexo, ad insertionem dilatato, patente. — Diam. maj. 14, min. 13, alt. $7\frac{1}{2}$ mill. (Mus. Cuming.)

Helix brevibarbis Pfr. in Proc. Zool. Soc. 1858.

Habitat in China septentrionali (Fortune).

1697 b. *H. cesticulus* Gundlach.

Malak. Bl. 1858. p. 179. (Coll.) Cuba.

1738 a. *H. setiliris* Benson. †

„Testa perforata, convexo-depressa, non nitente, sub lente oblique confertim striatula, costulis undulatis remotiusculis setiferis munita, translucente, rufescenti-cornea; spira breviter conoidea, apice planiusculo, nitido, sutura impressa; anfractibus 6 — $6\frac{1}{2}$ convexis, arcte convolutis, ultimo medio subangulato, subtus convexo; apertura obliqua, subquadrato-lunata, peristomate reflexiusculo, intus labiato, infra incrassato, subduplici, marginibus callo parietali plica longa marginali rimata elevata munito, junctis, columellari sinuato, introrsum obsolete tuberculato. — Diam. maj. 7, min. $6\frac{1}{2}$, axis 4 mill.“ (B.)

Helix setiliris Bens. in Ann. and Mag. N. H. 1859. Febr. p. 99.

Habitat in sylvis insulae Mauritii.

1748. *H. diluta* Pfr.

Hupé in Casteln. Exp. Moll. p. 16. t. 3. f. 4.

1769. *H. claromphalos* Dev. et H. †

Hupé l. c. p. 15. t. 3. f. 2.

1787a. *H. Carseolana* Fér.

v. *Martens* in Malak. Bl. 1858. p. 129.

1823. *H. pellis Boae* *Hupé*. †

Helix Boa Hupé in Casteln. Exp. Moll. p. 6. t. 1. f. 4.

1824. *H. Brasiliana* Desh.

Hupé l. c. p. 8. t. 2. f. 2.

1824a. *H. anguicula* *Hupé*. †

Hupé l. c. p. 7. t. 1. f. 3.

1824b. *H. vipera* Pfr.

T. peranguste umbilicata, depressa, solidula, superne irregulariter striata et dense granulata, pallide fulvida, fasciis 2 albidis, rufo anguloso-maculatis (altera ad suturam, altera supra peripheriam) et inter illas strigis rufulis ornata; spira convexa, obtusa; anfr. 5 convexiusculi, ultimus subcarinatus, ad partem peripheriae aperturae oppositam sulco 1 notatus, antice non descendens, subtus irregulariter tumidus et impressus, radiato-striatus, fasciis moniliformibus pictus; apertura diagonalis, subtriangulari-lunaris; perist. album, marginibus remotis, supero expanso, basali incrassato, subreflexo, umbilicum lamina dilatata semioccultante. — Diam. maj. 37, min. 31, alt. 18 mill. (Mus. Cuming.)

Helix vipera Pfr. in Proc. Zool. Soc. 1858.

Habitat in Brasilia.

1825. *H. heliaca* Orbigny.

Hupé in Casteln. Exp. Moll. p. 10. t. 2. f. 1.

1844a. *H. Patasensis* Pfr.

T. late umbilicata, depressa, solidula, striata et foveolis minutis undique sculpta, fulvida, castaneo unifasciata; spira vix elevata; anfr. $5\frac{1}{2}$ convexiusculi, regulariter accrescentes, ultimus depresso-rotundatus, antice deflexus; apertura

perobliqua, lunato-elliptica; perist. albidum, marginibus conniventibus, supero breviter expanso, basali reflexo, versus insertionem sensim dilatato. — Diam. maj. 36, min. 29, alt. 13 mill. (Mus. Cuming.)

Helix Patasensis Pfr. in Proc. Zool. Soc. 1858.

β. Minor, fascia castanea supraprothoracica utrinque pallide marginata.

Habitat in Andibus provinciae Patas Peruviae (Dr. Farris).

1868 a. *H. Martinii* Bernardi. †

„Testa umbilicata, ovato-depressa, solidiuscula, obsolete et partim carinata, epidermide fusco-brunnea induta, minutissime granulata, et in anfractu ultimo malleato-striata. Anfractus 5 subglobosi; sutura impressa; ultimus descendens; peristoma subcontinuum, crassum, reflexum, album; apertura transversa, ovoïdea, intus brunnea; dentibus 2 munita, 1 ad peristoma, 1 ad columellam. — Diam maj. 32, min. 25 mill.“ (B.)

Helix Martinii Bernardi in Journ. Conch. VII. p. 93. t. 1. f. 3.

Habitat Quito.

1874. *H. disculus* Deshayes.

Pfr. in Malak. Bl. 1858. p. 150. (Coll.) Haiti.

1899. *H. monile* Brod.

Hupé in Casteln. Exp. Moll. p. 11. t. 2. f. 3.

1902. *H. Castelnaui* Hupé.

Pfr. in Malak. Bl. 1858. p. 159 (descriptio emend) —

H. Castelnaudii Hupé in Casteln. Exp. Moll. p. 11. t. 2. f. 1.

1911. *H. polygrata* Born.

Cf. Hupé in Casteln. Exp. Moll. p. 12 (ubi animal in aqua degere affirmatur) et Malak. Bl. 1858. p. 159.

1918 a. *H. entodonta* Pfr.

T. umbilicata, depressa, discoidea, solidula, dense striata, pellucida, albido-hyalina; spira plana, subimmersa; anfr. $7\frac{1}{2}$ convexi, angustissimi, ultimus irregularis, 4 mill. pone aperturam complanatus et intus dentibus 3 perlucen-

tibus munitus, antice dilatatus, vix descendens; umbilicus latus, dimidium diametri occupans; apertura diagonalis, obauriformis; perist. breviter reflexum, marginibus remotis, dextro flexuoso. — Diam. maj. $6\frac{1}{2}$, min. $5\frac{1}{3}$, alt. 2 mill. (Mus. Cuming.)

Helix entodonta Pfr. in Proc. Zool. Soc. 1858.

Habitat Cuenca reipublicae Aequatoris (Fraser).

Obs. Peraffinis *H. pollodontae* Orb.; differt statura, sculptura, anfractu ultimo fere ad modum *H. helicycloidae* angustato et defectu laminarum parietalium.

1921. *H. Amazonica* Pfr.

Hupé in Casteln. Exp. Moll. p. 9. t. 1. f. 1.

1932. *H. Feisthameli* Hupé.

H. serpens Hupé l. c. p. 8. t. 1. f. 1.

1939a. *H. Cazenavettii* Fischer et Bernardi.

Descriptionem vide Pfr. Monogr. III. p. 302 sub *H. Guillaini* Petit, quae distincta species dicitur.

Helix Cazenavettii Fisch. et Bern. in Journ. Conch. VI. p. 280. t. 10. f. 1. 2.

Habitat Madagascar?

1955 a. *H. ciliosa* Pfr.

T. umbilicata, depressa, tenuiuscula, carinata, striatula et pilis brevissimis obsita, diaphana, fusca; spira brevissime conoidea; anfr. fere 6 convexiusculi, lente accrescentes, ultimus carina distinctius ciliata munitus, circa umbilicum latum ($\frac{1}{3}$ diametri aequantem) subcompresso-inflatus; apertura fere diagonalis, rotundato-lunaris; perist. tenue, breviter expansum, marginibus convergentibus, columellari superne subdilatato. — Diam. maj. 10, min. $8\frac{1}{3}$, alt. 4 mill. (Mus. Cuming.)

Helix ciliosa Pfr. in Proc. Zool. Soc. 1858.

Habitat in China septentrionali (Fortune).

1955 b. *H. Oldhami* Benson. †

„Testa late umbilicata, orbiculato-depressa, tenui, oblique irregulariter flexuoso-striata, cornea (?), spira vix ele-

vata, vel depressissime conoidea, apice exsertiusculo, obtuso, sutura impressa; anfractibus $6\frac{1}{2}$ lente crescentibus, planulatis, ultimo antice breviter rapide descendente, superne obtuse carinato, subtus convexo, circa umbilicum profundum perspectivum angulato; apertura obliqua, subcirculari, peristomate expansiusculo, marginibus conniventibus, approximatis. — Diam. maj. 13, min. 11, axis 6 mill. (B.)

Helix Oldhami Bens. in Ann. and Mag. N. H. 1859. Mart. p. 185.

Habitat in regno Burmano.

1960. *H. furcillata* Hupé.

Hupé in Casteln. Exp. Moll. p. 18. t. 3. f. 1.

1993 a. *H. Cyclaspis* Benson. †

„Testa sinistrorsa, late umbilicata, lenticulari-depressa, laevigata, superne demum oblique rugata, fuscescente; spira depresso conoidea, apice obtuso, sutura marginata; anfractibus $7\frac{1}{2}$ lente crescentibus, superne planulatis, ultimo non descendente, acute carinato, carina compressiuscula, basi convexa, circa umbilicum profundum perspectivum subangulata; apertura perobliqua, rotundato-lunari, peristomate expanso, reflexo, superne prope carinam prominente, angulato, marginibus lamina valde elevata lamellam breviter intrantem emittente junctis. — Diam. maj. 18, min. 16, axis $6\frac{1}{2}$ mill.“ (B.)

Helix Cyclaspis Bens. in Ann. and Mag. N. H. 1859. Apr. p. 273.

Helix Catinus Bens. ib. Mart. p. 185. Nec *Pfr.*

Habitat prope Moulmein provinciae Tenasserim, rarissime.

2012 a. *H. Pinacis* Benson. †

„Testa sinistrorsa, late umbilicata, orbiculato-depressa, superne oblique scabre plicato-striata, liris confertis spiralibus, subtus striis obliquis flexuosis striisque spiralibus decussata, cornea, epidermide fusca, scabra (junioris ad

carinam praesertim hispida) induta; spira planata, vix elevatiuscula, apice planato, sutura leviter impressa; anfractibus $7\frac{1}{2}$ planulatis, lente et arcute accrescentibus, ultimo antice breviter descendente, superne subcarinato, subtus valde convexo, circa umbilicum profundum, perspectivum, conicum, compressiusculo; apertura valde obliqua, lunari, peristomate expansiusculo, reflexo, albido, marginibus callo brevi, laminari, elevatiusculo, sinuato junctis. — Diam. maj. 14, min. $12\frac{1}{2}$, axis $4\frac{1}{2}$ mill.“ (B.)

Helix Pinacis Bens. in Ann. and Mag. N. H. 1859. Apr. p. 268.

Habitat raro in regione Sikkim in valle Rungun, nec non prope Pankabari.

2022 a. *H. plagioglossa* Pfr.

T. anguste et pervie umbilicata, conoideo-semiglobosa, solida, arcuato-striata, fulvo-cornea; spira conoidea; anfr. $5\frac{1}{2}$ planiusculi, ultimus antice descendens, subtus valde constrictus, basi convexior; apertura magna, diagonalis, rotundato-lunaris; paries aperturalis dente obliquo linguae-formi munitus; perist. albo-callosum, margine supero expanso, basali reflexo, bidentato: dentibus approximatis, sinistro parvulo, nodiformi, altero majore, sursum producto. — Diam. maj. $12\frac{1}{3}$, min. 11, alt. 7 mill. (Mus. Cuming.)

Helix plagioglossa Pfr. in Proc. Zool. Soc. 1858.

Habitat prope Oajaca, Mexico (Sallé).

2031 a. *H. Reyrei* Souverbie. †

„Testa late profundeque umbilicata, subluteo-cornea, subdiscoidea, perdepressa, regulariter oblique subunduloso-costato-striata; spira plana, medio subdepressa; sutura utrinque impressa; anfractus 5 convexi superne regulariter crescentes, omnes basi conspicui; ultimus reliquis inferne perconspicuus, extus obtuse subcarinatus, inferne subdeflexus, prope aperturam transverse gibbosus; apertura obliqua, semiovalis, antice subprotracta, in fundo quadrituberculata; perist. continuum, subincrassatum, breviter reflexum, mar-

ginibus callo valido, dentiformi, triangulari (inferne triquetro impresso) junctis. — Diam. maj. 5, min. $4\frac{1}{2}$, alt. $1\frac{1}{2}$ mill.“ (S.)

Helix Reyrei Souv. in Journ. Conch. VII. p. 65. t. 8. f. 8.
Habitat Guayaquil Columbiae.

2048. H. Troostiana Lea.

Cf. *Bland* in Ann. Lyc. N. York VI. Febr. 1858.
p. 288. t. 9. f. 21—23.

2048 a. H. Hazardi Bland.

T. longe rimato-perforata, ambitu piriformis, solida, conferte plicata, nitidula, corneo-fusca; spira breviter conoidea; anfr. $5\frac{1}{2}$ subaequales, ultimus antice deflexus, latere et basi constrictus, inter sulcos protuberantia laevigata munitus, basi convexus; apertura diagonalis, lunato-rotundata, dente parietali bicruri, crasso, antice tricuspide et plicis 2 profundis marginis dextri fere clausa; perist. fuscum, callosum, reflexum, marginibus callo lineari junctis. — Diam. maj. 7, min. fere 6, alt. $3\frac{1}{2}$ mill. (Mus. Cuming.)

Helix Hazardi Bland in Ann. Lyc. New York VI.
(Febr. 1858) p. 291. t. 9. f. 27—30.

Helix plicata W. G. Binn. Reprint of Say's Descr. of terr. shells.

Polygyra plicata Say in Journ. Ac. Philad. II. p. 161.

Polygyra Troostiana W. G. Binn. in Proc. Ac. Philad. 1857. p. 21.

Habitat in Alabama.

2059 a. H. pustuloides Bland. †

„T. late et perspective umbilicata, planorboidea, tenuiuscula, rufo-vel pallide-cornea, minute striatula; epidermide tenui, pilosiuscula; spira vix elevata; anfr. 4— $4\frac{1}{2}$, convexiusculis, lente accrescentibus, ultimo superne ad peripheriam obtuse angulato, ad aperturam gibboso-constricto, subito deflexo, basi deviante; sutura valde impressa; umbilico lato, $\frac{1}{3}$ diam. maj. aequante, omnes anfractus monstrante, praesertim penultimum; apertura obliqua, lunato-

circulari; dente erecto, obliquo, albo, lamelliformi, in pariete aperturali munito, callo lineari subarcuato superne ad angulum aperturae juncto; perist. reflexo, roseo, marginibus conniventibus, dentibus duobus sinu disjunctis instructo. — Diam. maj. $5\frac{1}{2}$, min. $4\frac{1}{2}$, alt. $2\frac{1}{2}$ mill.“ (Bl.)

Helix pustuloides Bland in Ann. Lyc. New-York VI. (Sept. 1858.) p. 350 c. ic.

Habitat in Georgia.

2068. *H. clausa* Say.

Cf. Bland in Ann. Lyc. N. York VI. (Sept. 1858.) p. 336.

2069. *H. Mitchelliana* Lea.

Cf. Bland in Ann. Lyc. N. York VI. p. 339.

Hypselostoma Benson.

H. et A. Adams Gen. II. (Pt. 35. 1858) p. 640. t. 138. f. 4. 4 a.

Streptaxis Gray.

41 a. *Str. Theobaldi* Benson. †

„Testa arcuate rimato-perforata, depressa, oblique pyriformi, valde transversa, tenuistriata, striis ad suturam et ad umbilicum validioribus, albida, nitente; spira convexa, apice prominulo, sutura impressa, submarginata; anfractibus $5\frac{1}{2}$, primis lente accrescentibus, antepenultimo ad sinistram subito majori, ultimo tumidulo, parum deviante, antice longe ascendente, basi prope umbilicum compressa, circa peristoma extus triscrobiculata; apertura subtriangulari, obliqua, septemdentata, peristomate expanso, reflexo, superne ad angulum valde sinuato, tum antrorsum arcuato, marginibus callo tenui junctis, dextro tridentato; dente tertio majori, basali bidentato, parietali biplicato, plica superiori angulari, prorsus descendente, tum intus transverse producta, inferiori validiori, elongata, flexuosa. — Diam. maj. 6, min. $4\frac{1}{3}$, axis 3 mill.“ (B.)

Streptaxis Theobaldi Bens. in Ann. and Mag. N. H. 1859. Mart. p. 187.

Habitat ad Naclai montium Khasia (W. Theobald).

Ennea H. et A. Adams.27 a. *E. vara* Benson. †

„Testa arcuato-rimata, attenuato-cylindrica, costata, al-bida; spira sensim attenuata, apice obtuso, sutura valde im-pressa; anfractibus 8, primis convexis, tum convexiusculis, ultimo compresso, laevigato, antice breviter ascendente, latere scrobiculato, basi pone rimam strictiuscula; apertura subaxiali, non laterali, verticali, distorte auriculari, peristomate undi-que incrassato-dilatato, margine dextro superne profunde sinuato, medio intus arcuato, plicam obtusam palatalem decurrentem exhibente, parietali callo crasso longe ascen-dente, et plica angulari valida, profunde intrante, ad plicam palatalem prope approximante, munito. — Long. 5, diam. $1\frac{1}{2}$ mill.“ (B.)

Pupa (Ennea) vara Bens. in Ann. and Mag. N. H. 1859. Mart. p. 188.

Habitat ad Naucilai montium Khasia.

Bulimus Scopoli.66. *B. exaratus* Müll.

Hupé in Casteln. Exp. Moll. p. 41. t. 8. f. 3.

86. *B. Popelairianus* Nyst.

B. maximus Hupé l. c. p. 24. t. 4. f. 1. Cf. *Pfr.* in Malak. Bl. 1858. p. 161.

93 a. *B. Castelnaudi* Hupé. †

„B. testa oblonga, tenuicula, longitudinaliter striato-rugulosa et undique minutissime granulosa; spira obtusius-cula, anfractibus quinque subconvexis, ultimo subventricosus, depressiusculo, spiram aequante; apertura oblongo-ovali; peristomate incrassato, reflexo; columella subcontorta, viri-descenti-fusca; spira roseo tincta; suturis pallidis, apertura labrisque albis. — Long. 68, diam. 34 mill.“ (H.)

Bulimus Castelnaudi Hupé in Casteln. Exp. Moll. p. 27. t. 4. f. 2.

Habitat Peru.

Obs. Differt a *B. lacunoso* testa tenuiore, minus elongata, diametro ventro-dorsali planulato.

97. *B. capillaceus* Pfr.

Hupé l. c. p. 26. t. 4. f. 3.

111. *B. lacunosus* Orb.

Hupé l. c. p. 27. t. 5. f. 1.

116. *B. Adamsoni* Gray.

Hupé l. c. p. 32. t. 8. f. 2.

120. *B. Yatesi* Pfr.

B. Yatesi *Hupé* l. c. p. 31. t. 7. f. 7 et jun. *Bul. Bensoni* ib. t. 8. f. 1.

120 a. *B. Fraseri* Pfr.

Malak. Bl. V. 1858. p. 239.

164. *B. contortuplicatus* Reeve.

Hupé l. c. p. 28. (Diagn. nova.)

238 a. *B. ptychostylus* Pfr.

T. rimato-umbilicata, fusiformi-oblonga, solida, sublaevigata (sub lente irregulariter impressa); spira convexiusculo-turrita, apice obtusula; anfr. 7 convexiusculi, superiores albidi, fulvo rarestrigati, ultimus spira brevior, spadiceus, albostrigatus et maculatus, basi attenuatus; columella fortiter torto-plicata; apertura subverticalis, auriformis, intus nigricante-limbata; perist. simplex, albidum, marginibus approximatis, dextro late expanso, columellari per dilatato, patente. — Long. 47, diam. 15 mill. Ap. intus 19 mill. longa, 8 lata, c. perist. 23 longa, 16 lata. (Mus. Cuming.)

Bulimus ptychostylus Pfr. in Proc. Zool. Soc. 1858. p. 256. t. 42. f. 7.

Habitat in Andibus prov. Patas Peruviae (Dr. Farris).

240. *B. rhodolarynx* Reeve.

Hupé l. c. p. 44. t. 6. f. 4.

263 a. *B. platystomus* Pfr.

T. profunde umbilicata, oblongo-conica, solida, oblique striata, fulvo-albida, strigis irregularibus castaneis et fuscis picta; spira conica, apice subtruncata; anfr. $6\frac{1}{2}$ convexius-

culi, ultimus spiram subaequans, antice leviter ascendens, basi compresso-rotundatus; columella fusco-violacea, profunde subplicata; apertura vix obliqua, intus ovalis, fulvida; perist. simplex, saturate fusco-violaceum, marginibus approximatis, dextro late expanso, columellari perdilatato, patente. — Long. 40, diam. 18 mill. Ap. intus 16 mill. longa, 9 lata, c. perist. $20\frac{1}{2}$ longa, 15 lata. (Coll. Nr. 544.)

Bulimus platystomus Pfr. in Proc. Zool. Soc. 1858. p. 256. t. 42. f. 2.

Habitat in Andibus prov. Patas Peruviae (Dr. Farris).

265. *B. expansus* Pfr.

Hupé l. c. p. 42. t. 6. f. 3.

271 a. *B. Catamarcanus* Pfr.

T. profunde umbilicata, ovato-conica, solidula, irregulariter plicata et undique minute granulata, non nitens, albidula; spira conica, obtusula; anfr. 6 convexi, ultimus spiram superans, antice ascendens, basi rotundatus; columella profunde et obsolete plicata; apertura verticalis, oblongo-ovalis; perist. simplex, marginibus approximatis, dextro ab insertione horizontaliter abeunte, late expanso, columellari perdilatato, fornicato. — Long. 42, diam. 23 mill. Ap. c. perist. 27 mill. longa, 21 lata, intus 22 longa, 13 lata. (Mus. Cuming.)

Bulimus Catamarcanus Pfr. in Proc. Zool. Soc. 1858. p. 256. t. 42. f. 5.

Habitat in Andibus provinciae Catamarcanae Peruviae (Williams).

285 a. *B. Patasensis* Pfr.

T. profunde rimato-umbilicata, ovato-conica, solidula, subargute striata, parum nitens, carneo-albida, saepe spadiceo strigata et nebulosa; spira convexiusculo-conica, apice subacuta; anfr. 7, superi subplani, penultimus convexior, ultimus spiram superans, antice leviter ascendens, basi rotundatus, juxta umbilicum subcompressus; columella fusco-violacea, profunde subplicata; apertura vix obliqua, ovalis,

intus late violaceo-limbata; perist. simplex, margine dextro breviter expanso, columellari perdilatato, patente. — Long. 47, diam. 24 mill. Ap. 26—27 mill. longa, intus 14 lata. (Mus. Cuming.)

Bulimus Patasensis Pfr. in Proc. Zool. Soc. 1858. p. 257. t. 42. f. 6.

β. Testa tenuiore, saturate carnea, saepe strigis obliquis fulvis picta.

Habitat in provincia Patas Andium Peruviae (Dr. Farris).

342 a. *B. bucia* Behn.

T. anguste umbilicata, ovato-conica, tenuiuscula, sublaevigata, griseo-cornea, strigis latis opacis albidis, brevibusque castaneis notata; spira inflato-conica, acuminata; anfr. 7, summi minuti, 3 ultimi perconvexi, ultimus spira brevior, basi rotundatus; apertura obliqua, angulato-ovalis; perist. tenue, margine dextro breviter expanso, columellari sursum dilatato, patente. — Long. $21\frac{1}{2}$, diam. $10\frac{2}{3}$ mill. Ap. $10\frac{2}{3}$ mill. longa, $5\frac{2}{3}$ lata. (Mus. Cuming.)

Bulimus bucia Behn. in sched.

Habitat in Brasilia.

359 a. *B. coerulescens* Pfr.

T. umbilicata, ovato-oblonga, solidula, striata, coerulescenti-albida; spira elongata, apice acuta; anfr. $7\frac{1}{2}$ convexiusculi, ultimus spira brevior, antice saturatius coerulescens, basi parum attenuatus, subcompressus; columella superne profunde dentato-plicata; apertura subverticalis, oblonga, intus atro-fusca; perist. atro-fuscum, margine dextro breviter expanso, columellari libero, non reflexo. — Long. 31, diam. $12\frac{1}{2}$ mill. Ap. 14 mill. longa, $6\frac{1}{2}$ lata. (Mus. Cuming.)

Bulimus coerulescens Pfr. in Proc. Zool. Soc. 1858. p. 257.

Habitat in Andibus prov. Patas Peruviae (Dr. Farris).

359 b. *B. Beyerleanus* Hupé. †

„B. testa elongata, subfusiformi, tenui, nitidissima, laevigata, lutescente, maculis aut lineis longitudinalibus, flexuosis, fusco-nigris, interruptis, seriebus transversalibus dispositis, eleganter trifasciata; spira elongato-acuminata; anfr. 8 subconvexis; apertura oblonga, peristomate tenui, expanso, acuto; columella contorta, inferne subtruncata; aperturæ fauce intense violacea, labro dextro albo marginato; columella albo-luteo tincta.“ (H.) (Long. 43, diam. 14 mill. ex. ic.)

Bulimus Beyerleanus Hupé in Casteln. Exp. Moll. p. 50. t. 6. f. 6.

Habitat Peru.

445. *B. Dardanus* Friv.

Rossm. Ic. III. 17. p. 88. f. 905. 906.

453. *B. fasciolatus* Oliv.

Rossm. Ic. III. 17. p. 90. f. 910. 911.

475. *B. Syriacus* Pfr.

Rossm. Ic. III. 17. p. 91. f. 914.

476. *B. Sidoniensis* Fér.

Rossm. Ic. III. 17. p. 92. f. 915.

480 a. *B. niveus* Parreyss. †

„Testa perforato-rimata, attenuato-cylindræa, alba, striatula, apice conico, obtusato; anfractus 8 convexiusculi, ultimus demum aliquantum adscendens, striatus, basi compressiusculus; apertura truncato-subrotunda $\frac{1}{3}$ altitudinis nondum æquans; peristoma patulum, margo exterior labiato-incrassatus, supra obsolete tuberculiferus, margo columellaris reflexus; columella remota, strictiuscula. — Alt. 23, lat. 5 mill.“ (Rm.)

Bulimus niveus Parr., *Rossm. Ic. III. 17. p. 92. t. 83. f. 916.*

Habitat in Georgia.

489—491. *B. reversalis* Bielz.

Rossm. Ic. III. 17. p. 103. f. 930 – 34, B. venerabilem et conjunctum Parr., includens,

497 a. *B. vesiculatus* Benson. †

„Testa anguste rimato-perforata, ovato-acuta, oblique rugulosa, rugis subtus dense pustulato-rugosis, fulvo-castanea; spira convexo-conica, dimidium testae superante, apice obtusiusculo, sutura impressa; anfractibus $5\frac{1}{2}$ convexiusculis, ultimo circa umbilicum compresso; apertura ovata, $\frac{3}{7}$ longitudinis testae aequante, peristomate reflexiusculo albido, margine parietali dente angulari obtuso munito. — Long. 13, diam. 7, apert. 6 mill. longa.“ (B.)

Bulimus vesiculatus Bens. in Ann. and Mag. N. H. 1859. Febr. p. 99.

Habitat in insula Mauriti, rarissime.

499. *B. subdetritus* Bourg.

Rossm. Ic. III. 17. p. 93. f. 917.

501 a. *B. Bayeri* Parreyss.

Pfr. in Malak. Bl. V. 1858. p. 240. (Caucasus. — Coll. Nr. 545.)

502. *B. tetrodon* Mort.

Rossm. Ic. III. p. 101. f. 927.

508. *B. Loewii* Phil.

B. quadridens var. *Rossm.* Ic. III. 17. p. 101. f. 928.

519. *B. alumnus* Parreyss.

Rossm. Ic. III. 17. p. 100. f. 926.

520. *B. Parreyssi* Pfr.

Rossm. Ic. III. 17. p. 100. f. 924. 925.

523. *B. sepdemdentatus* Roth.

Rossm. Ic. III. 17. p. 97. f. 922.

523 a. *B. triticeus* Rossmässler. †

„Testa subperforato-rimata, ovali-subcylindrica, laeviuscula, cinerascienti-cornea, nitida, spira conoideo-rotundata, obtusa; sutura vix impressa, subalbofilosa; anfractus 6, summi convexi, reliqui planulati, ultimus deorsum attenuatus, basi compressus; apertura truncato-semiorata, subverticalis, intus sinuoso-coarctata, $\frac{1}{3}$ altitudinis aequans; peristoma reflexiusculo-patulum, subsexdentatum: dente uno in

pariete aperturali (adjectis interdum duobus minimis altero ad latus externum primi, altero ad insertionem marginis), tribus in callo palatali remotiusculo (medio paulo magis immerso, infero minimo ad columellae basin), uno in columella stricta. — Alt. 9—10, lat. $4\frac{1}{2}$ mill.“ (Rm.)

Bulimus triticeus Rossm. Icon. III. 17. p. 98 c. ic.

Habitat prope Hierosolymam (Stentz).

525. *B. Sauleyi* Bourg.

Rossm. Ic. III. 17. p. 94. f. 918.

526. *B. ovularis* Oliv.

Rossm. Ic. III. 17. p. 96. f. 920.

526 a. *B. lamelliferus* Rossmässler. †

„Testa rimato-perforata, oblongo-ovata, acutiuscula, albida, striatula, solidiuscula; anfractus 6, convexiusculi, ultimus demum adscendens, basi scrobiculato-subcompressus; apertura semiovato-rotundata, dimidium altitudinis subaequans, perpendicularis, intus coarctato-sinuosa; peristoma brevissime reflexiusculum, marginibus aequalibus, remote sexdentatum: dentibus duobus in pariete aperturali (alter punctiformis ad insertionem marginis exterioris, alter, omnium maximus, lamelliformis, tortuose introrsum elongatus), tribus in marginis exterioris labio remotiusculo (medius maximus, inferus ad columellae basin plicaeformis), uno horizontali, plicaeformi, elato in columella remotissima. — Alt. $6\frac{1}{2}$, lat. 4 mill.“ (Rm.)

Bulimus lamelliferus Rossm. Icon. III. 17. p. 95. t. 83. f. 919.

Habitat in Syria.

527. *B. nucifragus* Parreyss.

Rossm. Icon. III. 17. p. 97. f. 921.

528. *B. stylus* Parreyss.

Rossm. Icon. III. 17. p. 99. f. 923.

530. *B. orientalis* Friv.

Rossm. Icon. III. 17. p. 89. f. 909.

531. *B. bicallosus* Friv.

Rossm. Icon. III. 17. p. 89. f. 908.

571. *B. bilabiatus* Brod.

Hupé in Casteln. Exp. Moll. p. 58. t. 6. f. 1.

572. *B. egregius* Jay.

Hupé l. c. p. 58. t. 6. f. 2. t. 9. f. 3. Conf. Malak. Bl. 1858. p. 167.

578. *B. coarctatus* Pfr.

Hupé l. c. p. 56. t. 10. f. 4. Conf. Malak. Bl. 1858. p. 166.

581. *B. hybridus* Gould.

Hupé l. c. p. 56.

583. *B. Binneyanus* Pfr.

Proc. Zool. Soc. 1858. p. 257. t. 42. f. 4.

618. *B. auris muris* Moric.

Hupé l. c. p. 56. t. 9. f. 4.

621a. *B. Souvillei* Morelet.

„Testa magna, ponderosa, imperforata, compressa, ovato-conica, rugoso-striata, castaneo-rufescens, saturatius vittata et fasciis undulatis plurimis obscure cingulata; anfr. 6 paucim convexi, ultimus magnus, compressus, antice ascendens, longitudinis penitus $\frac{3}{5}$ aequans; columella recta, callo lato, sinuoso, compresso, munita; apertura oblongo-ovalis, aurantio-purpurascens, in fundo lactea; peristoma crassum, obtusum, subduplex, carnicolor; margine dextro superne strictiore et columellari dilatato, appresso, cum altero callo valido tuberculum parvum emittente juncto. — Long. 118, diam. maj. 62 mill.“ (M.)

Bulimus Souvillei Mor. Test. nov. Austral. 1857 et in Journ. Conch. VI. p. 300. t. 9. f. 13.

Habitat in Nova Caledonia.

Obs. An = *B. eximius* Alb.?

641. *B. lynciculus* Hupé et Dev.

Hupé l. c. p. 40. t. 5. f. 3.

720 a. *B. Santanensis* Pfr.

Malak. Bl. V. 1858. p. 151. t. 3. f. 14. 15. (Haiti.)

724 a. *B. Cuencanus* Pfr.

Malak. Bl. V. 1858. p. 239. (Resp. Aequatoris.)

732 a. *B. rectus* Pfr.

Malak. Bl. V. 1858. p. 152. t. 3. f. 11—13. (Coll. Nr. 546. — Haiti.)

769. *B. Largillierti* Phil.

Hupé l. c. p. 30. (Diagnosis nova.)

774 a. *B. longulus* Behn.

T. imperforata, turrito-fusiformis, tenuiuscula, striatula, albida, strigis obsoletis corneis nonnullisque rufis notata; spira perelongata, acuta; anfr. 11 convexiusculi, ultimus $\frac{2}{7}$ longitudinis subaequans, basi attenuatus; columella tortoplicata; apertura obliqua, anguste obauriformis; perist. simplex, rectum, margine dextro superne fortiter curvato. — Long. 30, diam. $7\frac{1}{2}$ mill. Ap. $9\frac{1}{2}$ mill. longa, vix 4 lata. (Mus. Cuming.)

Bulimus longulus Behn in sched.

Habitat Chicatas Brasiliae.

780 a. *B. Williamsi* Pfr.

T. imperforata, subulata, solidula, striatula, alba, strigis saturate castaneis, deorsum saturatioribus et crebrioribus picta; spira turrita, apice obtusula; anfr. 8 planiusculi, ultimus $\frac{1}{3}$ longitudinis non attingens, basi compressus; apertura vix obliqua, oblonga; perist. simplex, rectum, marginibus subparallelis, columellari tenui, adnato. — Long. 24, diam. $6\frac{1}{2}$ mill. Ap. $7\frac{1}{2}$ mill. longa, 3 lata. (Coll. Nr. 547.)

Bulimus Williamsi Pfr. in Proc. Zool. Soc. 1858. p. 257. t. 42. f. 1.

Habitat in prov. Catamarca Andium Peruviae (Williams).

787 a. *B. vespertinus* Pfr.

T. subperforata, oblongo-fusiformis, tenuiuscula, irregulariter (interdum levissime) striata, nitidula, albido-rosea,

strigis spadiceis irregulariter albo-asperis ornata; spira conica, apice acutiuscula, nigricans; anfr. $6\frac{1}{2}$ —7 convexiusculi, ultimus spiram paulo superans, basi attenuatus, croceus; columella filaris, subrecedens; apertura vix obliqua, acuminato-oblonga, intus rubra, strigata, nitida; perist. simplex, rectum, margine columellari sursum sensim dilatato, subappresso. — Long. 36, diam. 14 mill. Ap. 20 mill. longa, $7\frac{3}{4}$ lata. (Coll. Nr. 548.)

Bulimus vespertinus Pfr. in Proc. Zool. Soc. 1858. p. 257. t. 42. f. 3.

Habitat in Andibus prov. Patas Peruviae (Dr. Farris).

789 a. *B. Dormani* W. G. Binney. †

„Testa perforata, ovato-turrita, laevigata, albida, fasciis fuscis longitudinalibus ornata; sutura impressa; spira elongato-conica, acuta; apex punctulata; anfr. 6 convexiusculi, lineis minutissimis volventibus ornati, superi striati, ultimus inflatus, ad marginem superam peristomatis, obtusissime carinatus; apertura ovata, partem testae dimidiam subaequans; perist. simplex, acutum, margine columellari reflexiusculum, perforationem pene occultans. — Long. 29, diam. 12 mill.“ (B.)

Bulimus Dormani W. G. Binn. in Proc. Acad. Philad. Oct. 1857.

Habitat prope St. Augustine peninsulae Floridae (O. S. Dorman).

791. *B. sufflatus* Gould. †

teste W. G. Binn. in Proc. Acad. Philad. Nov. 1858
= *B. vesicalis* Gould olim.

(§. 51.) 808 a. *B. Weddellii* Hupé. †

„B. testa oblongo-acuminata, subventricosa, cinerea, maculis fuscis subquadrangularibus irregulariter fasciata, hic illic albo-guttata, anfractibus sex subconvexis, ruguloso-striatis, ad suturam crenulatis; apertura ovata; peristomate simplici, acuto, columella torta, labro dilatato, umbilico oblecto. — Alt. 40, diam. 17 mill.“ (H.)

Bulimus Weddellii Hupé in Casteln. Exp. Moll. p. 45.
t. 7. f. 5.

Habitat circa lacum Titicaca.

833 a. *B. candidissimus* Pfr.

Malak. Bl. V. 1858. p. 239. (Socotora.)

837. *B. eburneus* Pfr.

Rossm. Icon. III. 17. p. 88. f. 907.

863. *B. thamnoicus* Orb.

Hupé l. c. p. 38. Sejunguntur varietates Orbignyanae.

863 a. *B. alauda* Hupé. †

„*B. testa* ovato-oblonga, solidiuscula, albo-cinerea, puncticulisque maculis fuscis omnino strigata; spira breviori, acuta; anfractibus 6 subconvexis, striis longitudinalibus creberrime citatis, suturis crenulatis; apertura oblonga; peristomate simplici, acuto, inferne subincrassato; margine columellari subdilatato, umbilicum obtegente; apertura alba. — Alt. 45, diam. 25 mill.; ap. long. 25 mill.“ (H)

Bulimus thamnoicus var. *Orb.* Voy. t. 37. f. 6. 7.

— *alauda Hupé* in Casteln. Exp. Moll. p. 39.
t. 7. f. 3.

Habitat in Peruvia superiore.

863 b. *B. revinctus* Hupé.

„*B. testa* ovato-ventricosa, solidiuscula, cinereo-lutescenti, fasciis angustis fuscis spiraliter ornata; spira conico-obtusa, anfractibus convexis, longitudinaliter striato-rugulosisque granulosi; suturis obsolete crenulatis; apertura ovata; peristomate acuto, labro columellari dilatato, expanso, umbilico pervio. — Alt. 30, diam. 20 mill.“ (H. — Coll. Nr. 549?)

Bulimus thamnoicus var. *Orb.* voy. t. 37. f. 8. 9.

— *revinctus Hupé* in Casteln. Exp. p. 39. t. 7. f. 2.

Habitat Cusco, Peruviae superioris.

890 a. *B. Farrisi* Pfr.

T. anguste umbilicata, fusiformi-turrita, solidula, longitudinaliter subremote plicatula et conferte striatula, striis

spiralibus levibus decussatula, albida vel rosea, plerumque strigis et maculis pellucetibus fuscis vel rubris signata; spira elongato-conica, apice acutiuscula, crocea; anfr. $6\frac{1}{2}$ —7 planiusculi, ultimus spiram subaequans, vix ventrosior, basi attenuatus; columella superne levissime plicata; apertura parum obliqua, acuminata, oblongo-ovalis, intus fusco-crocea; perist. simplex, rectum, margine columellari superne dilatato, fornicatim reflexo. — Long. 47, diam. 16 mill. Ap. 24 mill. longa, vix 10 lata. (Coll. Nr. 550.)

Bulimus Farrisi Pfr. in Proc. Zool. Soc. 1858. p. 258. t. 42. f. 8.

Habitat in provincia Patas Andium Peruviae (Dr. Farris).

892 a. *B. Jussieui* Hupé. †

„B. testa ovato-conica, striis rudibus spiralibusque minutis irregulariter decussato-granulata, subconica, fasciis transversim fuscis, plerumque strigatis, ornata; spira conica, subinflata, anfractibus sex convexiusculis, ultimo spiram aequante; apertura ovata; peristomate simplici, acuto, columella arcuata, basi dilatataque reflexa, umbilico elongato, pervio. — Alt. 30, diam. 15 mill.“ (H.)

Bulimus Jussieui Hupé in Casteln. Exp. Moll. p. 48. t. 7. f. 4.

Habitat in provincia Cuzco Peruviae.

Obs. Haec species a *Bul. Jussieui Val.* quem in Museo Cumingiano cum *B. culmineo Orb.* comparandi opportunitate gavisus sum, differre videtur. Conf. Malak. Bl. 1858. p. 165.

950. *B. porphyrius* Pfr.

Hupé l. c. p. 31. t. 5. f. 2?

954 a. *B. clathratus* Pfr.

T. compresse umbilicata, fusiformi-oblonga, tenuiuscula, plicatula, parum nitens, albida, strigis et fasciis angustis interruptis fuscis subclathrata; spira elongata, apice acutiuscula; anfr. 8 parum convexi, ultimus $\frac{2}{5}$ longitudinis vix superans, basi compressus; apertura vix obliqua, subrhom-

beo-ovalis; columella medio leviter torta; perist. simplex, rectum, margine columellari a basi dilatato, superne late patente. — Long. 30, diam. 11 mill. Ap. $12\frac{1}{2}$ mill. longa, 6 lata. (Mus. Cuming.)

Bulimus clathratus Pfr. in Proc. Zool. 1858. p. 258.

Habitat in provincia Patasensi Andium Peruviae (Dr. Farris).

984. *B. Hamiltoni* Reeve.

Hupé l. c. p. 49. t. 9. f. 5.

990. *B. cinereus* Mortillet.

Rossm. Icon. III. 17. p. 102. f. 929.

1008. *B. culmineus* Orb.

Hupé l. c. p. 48. t. 8. f. 4.

1009 a. *B. patriarcha* W. G. Binney. †

„T. perforata, ovata, solidissima, alba, rugosa; anfr. 6 convexi; ultimus ventricosus, $\frac{5}{7}$ long. testae aequans; apertura ovata; perist. simplex, intus incrassatum, marginibus callo albo crasso junctis, columellari reflexo, umbilicum subtegente. — Long. 35, diam. 19; aperturae long. 19, diam. 13 mill.“ (B.)

Bulimus patriarcha W. G. Binn. in Proc. Philad. Soc. May 1858.

Habitat Buena Vista reipublicae mexicanae (Berlandière).

Obs. Affinis *B. dealbato*, *lactario*, *Schiedeano* etc.

1013. *B. Hohenackeri* Kryn.

Rossm. Icon. III. 17. p. 91. f. 912. 913.

1057. *B. Fourmiersi* Orb.

B. simplex Hupé in Casteln. Exp. Moll. p. 53. t. 9. f. 6? Conf. Malak. Bl. 1858. p. 166.

Achatinella Swains.

Cf. *Newcomb* Synopsis of the genus *Achatinella* in Ann. Lyc. N. York VI. (Sept. 1858.) p. 303—336 *).

*) Da im vorigen Jahrgange der Malak. Bl. die sämtlichen von Gulick neu aufgestellten Arten mitgeteilt sind, so werde ich auch von

Orthalicus Beck.16. *O. regina* Fer.

Bulimus regina Hupé l. c. p. 33. t. 10. f. 3. t. 7. f. 1.
Conf. Mal. Bl. 1858. p. 162.

16a. *O. regalis* Hupé. †

„B. testa oblongo-turrita, sinistrorsa, tumidiuscula, cinerascens, maculis vel fasciis longitudinalibus transversalibusque articulata; spira acuminata, anfractibus planiusculis; apertura oblonga; columella valde arcuata, sinuosa et callosa; labro dextro simplici, acuto, subexpanso, intus incrassato; apertura alba; columella nigrescente tineta. — Alt. 70, diam. 34 mill.“ (H.)

Bulimus regalis Hupé in Casteln. Exp. Moll. p. 34. t. 10. f. 3.

Habitat in Brasilia.

17. *O. incisus* Hupé.

„B. testa elongato-turrita, sinistrali, irregulariter striis longitudinalibus corrugata; spira pyramidal-acuminata, apice obtuso; anfractibus subconvexis; apertura oblonga, obliqua; columella medio profunde excavata, contorta, incrassata, basi truncata; labro dextro simplici, acuto; fusco-castanea, flammulis longitudinalibus flexuosis vel angulatis in medio anfractuum fascia articulata instructis, fauce aperturæ violacea; columella nigra; peristomate intus nigrescente limbato. — Alt. 62, diam. 33 mill.“ (H.)

Bulimus incisus Hupé in Casteln. Exp. Moll. p. 36. t. 9. f. 1.

Habitat in Bolivia.

Obs. Ad hanc speciem sine dubio pertinet *Bul. regina* var. *Reeve* Conch. ic. f. 168 c, ideoque *Orthalicus Melanostoma* Shuttl. ex parte.

dieser Arbeit, deren Resultate von der Darstellung in meinem 2ten Supplement vielfach abweichen, das Wesentlichste in diesen Blättern baldigst mittheilen.

17a? *O. Loroisianus* Hupé. †

„B. testa elongato-turrita, sinistrali; spira pyramidalis-acuminata; anfractibus 8 laevibus vel oblique exiliter striatis; apertura obliqua; columella valde medio contorta, callosa, basi subtruncata; peristomate acuto; fulvescenti-rosea; anfractibus primis fascia unica fusco articulata instructis, ultimo nigrescente, maculis aut strigis aurantio-luteis adperso; fauce aperturae alba; columella nigro tincta; callo basali albo. — Alt. 64, diam. 30 mill.“ (H.)

Bulimus Loroisianus Hupé in Casteln. Exp. Moll. p. 35. t. 10. f. 1.

Habitat?

Obs. Haec forma ex icone varietas praecedentis esse videtur.

18. *O. atramentarius* Pfr.

Bulimus Boussingaultii Hupé l. c. p. 37. t. 9. f. 2.

Achatina Lam.

3a. *A. Layardi* Pfr.

Malak. Bl. V. 1858. p. 238.

20a. *A. ovum* Pfr.

Malak. Bl. V. 1858. p. 238.

64a. *A. fulgens* Pfr.

Malak. Bl. V. 1858. p. 238.

Oleacina Bolt.

16a. *O. Boucardi* Pfr.

T. ovato-oblonga, tenuis, laevigata, nitida, pellucida, fulvo-cornea, varicibus nonnullis leviter impressis, castaneis, antrorsum pallide marginatis instructa; spira conica, obtusa; anfr. 6 convexiusculi, ad suturam anguste marginatam breviter plicati, ultimus spiram subaequans; columella subtorta, basi breviter truncata; apertura verticalis, sinuato-semiovalis; perist. simplex, margine dextro antrorsum arcuato. — Long. 13, diam. 6 mill. Ap. fere 7 mill. longa, 3 lata. (Mus. Cuming.)

Oleacina Boucardi Pfr. in Proc. Zool. Soc. 1859. p. 27.

Habitat San Martin reipubl. mexicanae (Boucard).

62 a. *O. parallela* W. G. Binney. †

„Testa solida, albida, nitens, cylindraceo - elongata, striis creberrimis longitudinalibus notata; spira elevato-obtusa; anfr. 5 ad 6, superi convexi, ultimus lateribus rectis, aequis intervallis inter se distantibus, apertura angusta, partem testae $\frac{3}{7}$ aequans; labrum flexuosum, in medio rectum, margine basali curvatum; columella recta, truncata, callo induta. — Diam. 20, long. 56 mill.“ (H.)

Glandina truncata var. *Binn.* Terr. Moll. III. t. 62. f. 2.

— *parallela* W. G. Binn. in Proc. Philad. Acad. Oct. 1857.

Habitat in Louisiana (E. R. Beadle).

104 a. *O. corneola* W. G. Binney. †

„Testa conico-oblonga, tenuis, nitens, cornea; anfr. 7 ad 8, convexi, tenuissime et longitudinaliter striati, et lineis minutis creberrimis notati; sutura crenulata; apertura oblonga, partem testae dimidiam aequans; columella contorta, truncata, callo induta. — Diam. 18, long. 50 mill.“ (B.)

Glandina truncata var. *Binn.* Terr. Moll. III. t. 61. f. 1.

— *corneola* W. G. Binn. in Proc. Philad. Acad. Oct. 1857.

Habitat in Statibus meridionalibus.

Obs. Hanc figuram dubiose ad *O. decussatam* Desh. citaveram. (Mon. Hel. IV. p. 644.)

Pupa Drap.

177 a. *P. arctica* Wallenberg.

Malak. Bl. 1855. p. 32. 99. t. 1. f. 3.

Succinea Drap.

36. *S. Bernardii* Récluz.

Synon. *Otina?* *Bernardii* v. *Martens* in Arch. f. Naturgesch. 1858. I. p. 149. t. 4. f. 3. (Emendatum in litteris 9. Maji 1859.) Cf. p. 58.

104 a. *S. Haydeni* W. G. Binney.

„Testa elongato-ovalis, tenuis, pellucida, succinea; spira parva, acuta; anfr. 3 convexi, ultimus rugis levibus incrementalibus et sulcis crassis spiralibus, interruptis, inaequaliter notatus; sutura mediocris; columella callo levi induta, apicem interiorem a basi testae monstrans; apertura obliqua, ovalis, $\frac{5}{7}$ long. testae aequans, ad basin expansior. — Long. 21, diam. 9 mill.“ (B. Coll. Nr. 65.)

Succinea Haydeni W. G. Binn. in Proc. Philad. Acad. May 1858.

β . Minor; long. 15 mill.

Habitat in prov. Nebraska Statuum Unitorum, var. β ad Red River of the North.

104 b. *S. lineata* W. G. Binney. †

„Testa oblongo-ovata solidiori, albida, vel cinerea; spira elevata, acuta, sutura impressa, anfr. ternis convexis, lineis crassis parallelis inter rugas incrementales volventibus ornata; apertura oviformis, partem testae dimidiam aequans; columella plicata, pariete callo albo induta. — Diam. 6, alt. 12 mill.“ (B.)

Succinea lineata W. G. Binney in Proc. Philad. Acad. Febr. 1857.

Habitat in provincia Nebraska.

Obs. „Similis *S. vermetae* Say, sed forma magis ovali, apertura, anfractibus convexis et spira breviori differt. Cognoscitur inter Succineas Americanas testa solidiori, apertura oviformi, et specialiter lineis volventibus in anfr. ultimo positis.“

Vitrina Drap.

13 a. *V. planospira* Benson. †

„Testa suborbiculato-depressa, peripheria rotundato-ovata, tenui, laevigata, obsolete arcuato-striatula, translucida, polita, cornea; spira convexiuscula, superne planata, sutura canaliculato-marginata; anfractibus 3, celeriter accrescentibus, ultimo antice depresso, leviter descendente,

ad peripheriam compresse rotundato, subtus convexiusculo; apertura valde obliqua, ovato-lunari, peristomate tenui, superne antrorsum arcuato, margine columellari valde arcuato. — Diam. maj. 14, min. 11, axis 5 mill.“ (B.)

Vitrina planospira Bens. in Ann. and Mag. N.H. 1859. Apr. p. 271. Nec *Pfr.*

Habitat ad Pankabari et in valle Rungun, *V. Salii* consors, raro occurrens.

Neue Landschnecken aus Haiti.

Mitgetheilt von Ed. v. Martens.

Unter den von meinem Freund Dr. Weinland in der Umgegend von Jeremie auf Haiti gesammelten Schnecken befinden sich folgende neue Arten:

1. *Cylindrella arcuata* Weinland et Martens.

Testa obtecte rimata, oblongo-ovata, superne in conum brevem concaviusculum terminata, plerumque truncata, rubella, costis validis arcuatis albis confertis sculpta; sutura simplex, profunda; anfr. testae integrae circa 13, truncatae 7 convexiusculi, ultimus angustior, compressus, filocarinatus, carina costis transcurrentibus rugosa, antice non solutus, basi intra carinam laeviuscula; apertura vix obliqua, oblique ovata; peristoma expansum, flexuosum, album, superne anfractui praecedenti adnatum, continuum. Long. integrae circa 35, truncatae 22, diam. supra mediam testam 8, apertura cum peristomate 5 Mill.

Diese Art ist mit *C. Gruneri* Dkr. und *C. Guigouana* Petit Journ. conch. 1859. 10, 3 verwandt, in Mundform und Farbe ähnelt sie der letztern, unterscheidet sich aber durch die starken weissen bogenförmigen Rippen, während Petit nur von feinen Streifen spricht; von *C. Gruneri* durch den schärferen Kiel, der auch die Mundöffnung eckig



Pfeiffer, L. 1859. "Nachträge zum zweiten Supplemente meiner Monographia Heliceorum (Fortsetzung)." *Malakozoologische Blätter* 6, 19–53.

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