UNIVERSITY OF TORONTO

3 1761 01295580 3

Toronto University Library.

PRESENTED BY

The University of Cambridge

through the Committee formed in

the Old Country

*to aid in replacing the loss caused by the Disastrous Fire
of February the 14th. 1890.*

Pat
E

A CATALOGUE OF AUSTRALIAN FOSSILS

(INCLUDING TASMANIA AND THE ISLAND OF TIMOR)

STRATIGRAPHICALLY AND ZOOLOGICALLY
ARRANGED.

BY

ROBERT ETHERIDGE, JUN., F.G.S.

ACTING PALÆONTOLOGIST, H.M. GEOL. SURVEY OF SCOTLAND,
(FORMERLY ASSISTANT-GEOLOGIST, GEOL. SURVEY OF VICTORIA),
FELLOW OF THE R. PHYSICAL SOCIETY OF EDINBURGH;
CORR. MEMBER OF THE R. SOCIETIES OF VICTORIA AND TASMANIA
AND OF THE NATURAL HISTORY SOCIETY OF GLASGOW;
HON. CORRESPONDENT, BALLARAT SCHOOL OF MINES.

EDITED FOR THE SYNDICS OF THE UNIVERSITY PRESS.

Cambridge :
AT THE UNIVERSITY PRESS.

LONDON: CAMBRIDGE WAREHOUSE, 17, PATERNOSTER ROW.

CAMBRIDGE: DEIGHTON, BELL, AND CO.

LEIPZIG: F. A. BROCKHAUS.

1878

398963
19.12.41

QE

758

E8

Cambridge:

PRINTED BY C. J. CLAY, M.A.
AT THE UNIVERSITY PRESS.

PREFACE.

THE *Catalogue of Australian Fossils* was commenced in 1868 in conjunction with my friend and former colleague Mr Norman Taylor, merely with the view of carrying out our duties in connection with the Geological Survey of Victoria, but circumstances over which we had no control rendered the abandonment of the work necessary. It was not again resumed until 1871, then by myself, and through the interest evinced by several scientific friends I have been induced to continue the compilation, during leisure moments, until it has assumed its present proportions.

The subject of Australian Geology and Palæontology is even now only in its infancy, notwithstanding the rapid strides which have been made within the last few years. It naturally results therefore, that although the number of species to be listed may be small when compared with those of other countries, still, often from the absence of definite information, the compilation has been attended with no ordinary difficulties. This will, I hope, to some extent tend to explain the many imperfections to be found in the 'Catalogue,' and of which no one is more conscious than I am. The present is, so far as I know, the first attempt at a complete list of Australian fossil Organic Remains, and notwithstanding the daily increasing number of species to be still more largely augmented in the future, I trust that the present effort will be found a tolerably faithful record of Australian Palæontology up to the year 1878.

I have endeavoured to make the Catalogue as complete as circumstances will permit, but there are a few papers by colonial authors to which I have not been able to obtain access, and in consequence the data contained in them have been omitted, or imperfectly given.

In the great field of Australian Geology and Palæontology I can lay claim to no greater title than that of a compiler, but as such, I would offer my tribute of respect and admiration

for the never-tiring zeal and energy, the self-denial of all home-comforts, and risk of health displayed by the pioneers of our common science in the Australian colonies, and of whose work, often carried on under the most adverse circumstances, the Catalogue is an epitome.

I refer to such men as the late S. Stutchbury, the late Rev. W. B. Clarke, F.R.S., the late Capt. Sturt, the late Sir T. L. Mitchell, the late L. Leichhardt, A. R. C. Selwyn, F.R.S., C. Gould, F.G.S., Prof. F. McCoy, F.G.S., the late W. Blandowski, Baron F. von Mueller, the late C. D'Oyly, H. Aplin, Norman Taylor, G. H. F. Ulrich, F.G.S., R. B. Smyth, F.G.S., the late R. Daintree, F.G.S., C. S. Wilkinson, F.G.S., Rev. J. E. T. Woods, F.G.S., R. A. F. Murray, H. Y. L. Brown, A. W. Howitt, F.G.S., G. Krefft, and others.

The object of the *Catalogue of Australian Fossils* is first, to give as complete a list as possible of the fossil Organic Remains of the Australian Continent, arranged in Stratigraphical and Zoological order; secondly, to indicate all the descriptions, figures, and more important references to each of the species; and thirdly, to point out the principal localities.

In carrying out this scheme it has been found most convenient to divide the Catalogue into five stratigraphical subdivisions, viz., Silurian, Middle and Upper Palæozoic (including the Devonian and Carboniferous), Mesozoic, Tertiary, and Post-Tertiary, in each of which the genera and species are arranged zoologically in classes, and alphabetically in order, for convenient reference.

Each page is subdivided vertically into four columns.

The first (that on the left hand of the reader) contains the name of the species and their authors; the second column is intended for the stratigraphical subdivisions of the respective sections in which the species occurs; the third and largest column is devoted to the bibliographical references, whilst the fourth contains the localities.

At the head of each page, on the left hand, is given in dark type and within brackets the name of the class to which all the genera contained in that page belong, whilst, in the corresponding corner, on the opposite side of the page, is similarly given the geological section of the work.

After the name of each genus is given that of its author

and the date, then follow within brackets one or more references to descriptions of the genus in question, by its author or other writers as the case may be; but it is to be universally understood that the first reference after a genus is that of its original description or enunciation, so far as my own researches have enabled me to ascertain. Here and there a few synonyms are given, and always the order or family to which the genus belongs.

The references to the species are of two kinds; first, those to works in which a detailed description or figure is to be found, denoted by an * placed before them; secondly, those in which a passing reference only is made to the species, such for instance as the announcement of the first discovery of it in Australian rocks, or of a new locality. When a species is common both to the strata of Australia and those of any other country I have invariably given quotations showing its synonymy and history previous to its discovery in the former. Unless denoted by the sign ! placed after it, every reference has been personally verified and referred to; any errors therefore which may be found are my own, and have arisen during transcription, or are typographical.

The abbreviations used are those usually adopted in works of reference, but in case they should not at once be apparent to the reader, I have given a list of all the Works, Papers, and Reports used and consulted in the compilation, arranged alphabetically under the authors' names, so that the full title of almost every quotation can at once be seen.

In the locality column the respective Colonies in which the places mentioned are situated, are indicated by an abbreviation in italics: thus, *N. S. Wales* (= New South Wales), *Vict.* (= Victoria, formerly Australia Felix), *S. A.* (= South Australia), *W. A.* (= Western Australia), *Qu.* (= Queensland), *Tas.* (= Tasmania).

It affords me great pleasure to offer my sincere thanks to those gentlemen who have rendered me assistance. To the father of Australian Geology, the late Rev. W. B. Clarke, F.R.S., I am indebted for information on many points connected with Colonial Geology, and the general interest he took in my work. Similarly, I am under obligations to Messrs R. B. Smyth and N. Taylor (Melbourne), C. S. Wilkinson (Sydney), R. M. John-

ston (Hobart Town), and the Rev. J. E. Tenison Woods (Sydney). I am indebted to Profs. Owen, F.R.S., T. Rupert Jones, F.R.S., G. Busk, F.R.S., P. M. Duncan, F.R.S., H. A. Nicholson, F.G.S., and G. S. Brady, Messrs T. Davidson, F.R.S., W. Carruthers, F.R.S., and H. B. Brady, F.R.S., Drs R. H. Traquair, F.G.S., H. Woodward, F.R.S., and I. B. Balfour, F.G.S., for information connected with their special subjects. To Messrs G. Sharman, E. T. Newton, F.G.S., and R. B. Newton (*Mus. Pract. Geology*), W. S. Dallas (*Geol. Soc. Lond.*), and C. O. Waterhouse (*Brit. Mus.*), I am indebted for assistance in unravelling obscure points in synonymy. Prof. L. G. de Koninck has placed me under many obligations by his courtesy in forwarding advanced proofs of his fine work on the Australian Palæozoic Fossils, by means of which I have been able to complete the Catalogue at a much earlier date than otherwise could have been done.

Through the kindness of Prof. Geikie, F.R.S., I have had afforded me the opportunity of consulting a large number of works in the Library of the University of Edinburgh; and I am also under obligations for literary assistance to Prof. F. W. Rudler, F.G.S., and Messrs W. Rupert Jones (*Geol. Soc. Lond.*), H. B. Wheatley (*R. Soc. Lond.*), T. W. Newton (*R. School Mines*), R. Kippist (*Linn. Soc. Lond.*), J. Gordon (*R. Soc. Edinb.*), and F. H. Waterhouse (*Zool. Soc. Lond.*). Lastly, the encouragement afforded me by my kind friends Dr J. J. Bigsby, F.R.S., and Mr R. L. Jack, F.G.S. (Brisbane), and my father, has assisted me to surmount many difficulties.

To the liberality and consideration of the Syndics of the Cambridge University Press the publication of the *Catalogue of Australian Fossils* is due, whilst to my friend the Rev. Professor T. G. Bonney, F.G.S., my warmest thanks must be tendered for bringing the manuscript under their notice.

CONTENTS.

	PAGES
Lower and Upper Silurian Species	1— 26
Devonian and Carboniferous Species	27— 91
Mesozoic Species	93—118
Tertiary Species	119—173
Post-Tertiary Species	175—196
Incertæ Sedis	197—198
Appendix	199—204
List of Works consulted	205—226
Index to the Genera	227—232

CORRIGENDA.

- p. 5, Genus DICHOGRAFTUS, after pars, read 1861 (Geologist, iv. p. 74; Quart. Jour. Geol. Soc. 1863, xix. p. 139).
- p. 13, Genus PLEURODICTYUM, should follow after *Plasmopora*, and before *Propora*.
- p. 14, Genus RHIZOPHYLLUM should come before *Striatopora*.
- p. 19, 20, 21, and 23. In Locality column, for Bruce's Ck. nr. Mt. Macedon, read Bruce's Ck. nr. Mt. Disappointment.
- p. 23, Genus TREMATOSPIRA, for *T. lispleura*, read *T. leiopleura*.
- p. 30, GLOSSOPTERIS BROWNIANA, line 13, for pt. 3, p. 13, read pt. 3, t. 3.
- p. 36, FAVOSITES OVATA, line 16, for t. 3, f. 5, read t. 7, f. 5.
- p. 41, BRACHYMETOPUS STRZELECKII, line 4, for t. 3, read t. 4.
- p. 42, POLYCOPE SIMPLEX, line 5, for t. 17, f. 5, read t. 24, f. 7.
- p. 43, DENDRICOPORA HARDYI, line 2, for f. 1, read f. 4.
- „ FENESTELLA MULTIPORATA, line 4, for f. 4, read f. 2.
- p. 44, FENESTELLA PLEBEIA, line 19, for f. 2, read f. 1.
- p. 45, PROTORETEPORA AMPLA, line 16, for f. 4, read f. 5.
- p. 46, RETEPORA LAXA, line 2, for f. 5, read f. 6.
- „ ATHYRIS PLANOSULCATA, lines 8 and 9, for pt. 2, p. 224, t. 11, read pt. 3, p. 222, t. 9.
- p. 48, CHONETES LAGUESSIANA, line 14, for pt. 2, read pt. 3.
- „ CHONETES PAPILIONACEA, line 9, for pt. 2, read pt. 3.
- „ CYRTINA SEPTOSA, line 7, for pt. 2, read pt. 3.
- „ DISCINA AFFINIS, line 6, for t. 3, read t. 4.
- p. 51, PRODUCTUS BRACHYTHÆRUS, line 13, for t. 3, read t. 4.
- p. 57, SPIRIFERA LATA, line 1, for t. 3, read t. 4.
- „ SPIRIFERA OVIFORMIS, line 5, for t. 3, read t. 4.
- p. 103, bottom line of page, for *P. furcata*, read *P. farcta*.

LOWER PALÆOZOIC.

LOWER AND UPPER SILURIAN.

A STRATAGRAPHICAL CATALOGUE

OF

AUSTRALIAN FOSSILS.

(Plantæ—Rhizopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Kingdom—Plantæ. *Section*—Cryptogamiæ. *Order*—Algae.

Genus *Fucoides*, Brongniart, 1823. (Mém. Soc. Hist. Nat. 1, p. 308.)

<i>F. sp. ind.</i>	Up. Sil.	Blandowski, Trans. Phil. Institute Vict. 1858, II. p. 144, figs. 2980 and 2981.	Botanical Gardens, Melbourne, Vict.
--------------------	----------	---	-------------------------------------

Genus *Spirophyton*, Hall, 1863. (16th Annual Rep. N. Y. State Cab. Nat. Hist. app. D, p. 78.)

<i>S.?</i> <i>Cauda-Phasiani</i> , De Kon.	Up. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 62, t. 4, f. 1.	Duntroon, N. S. Wales.
--	--------------------------	---	------------------------

Kingdom—Animalia. *Sub-kingdom*—Protozoa. *Class*—Rhizopoda. *Order*—Foraminifera.

Genus *Receptaculites*, DeFrance, 1824. (Prodrome, p. 119; Dict. Sci. Nat. 1827, XLV. p. 5.)—*Orbitolitida*.

<i>R. Australis</i> , Salter.	Up. Sil.?	*Geol. Survey, Canada, Dec. 1. p. 47, t. 10, f. 8—10.	Yarradong, near Yass Plains, N. S. Wales.
<i>R. Clarkii</i> , Salter (ms.).	Up. Sil.?	Clarke's S. Goldfields, 1860, p. 286; Hochstetter, Sitz. k. Akad. Wissensch. Wien, 1859, xxxv. p. 335.	

Order—Spongida.

Genus *Stromatopora*¹, Goldfuss, 1826. (Petrefacta 1. p. 21; Blainville, 1830, Dict. Sc. Nat. LX. p. 378.) = *Caunopora*, Phillips; *Sparsispongia*. D'Orbigny, *Amorphospongia*.

<i>S. striatella</i> , D'Orb.	Up. Sil.	Prodrome de Pal. 1849, 1. p. 51; De Kon, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 10.	Bell River, N. S. Wales.
-------------------------------	----------	--	--------------------------

¹ This genus is considered by some writers to be a Sponge, by others a Foraminifer.

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Sub-kingdom—Cœlenterata. *Class*—Hydrozoa.

Rhabdophora et Cladophora.

Genus **Climacograptus**, Hall, 1865. (Geol. Survey, Canada, Dec. II. p. 111.)
Graptolitidæ.

<i>C. bicornis</i> , Hall.	L. Sil.	<i>Graptolithus</i> , *Pal. New York, 1847, i. p. 268, t. 73, f. 2; <i>Diplograptus</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>Climacograptus</i> , Hall, *Geol. Survey, Canada, 1865, Dec. II. p. 111; <i>Diplograptus</i> , Bigsby, Thesaurus Sil. 1868, p. 83; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>D. (Climacograptus)</i> , <i>id.</i> *Geol. Survey, Vict. Dec. I. 1874, p. 12, t. 1, f. 8.	
<i>C. quadrangularis</i> , M'Coy.		Vide <i>C. rectangularis</i> , M'Coy?	
<i>C. rectangularis</i> , M'Coy.	L. Sil. (Ll. Fl.).	*Brit. Pal. Foss. 1851, p. 8, t. 1, B. f. 8; Selwyn, Quart. Jour. Geol. Soc. 1858, xiv. p. 534; <i>id.</i> M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 138; ? <i>D. quadrangularis</i> , M'Coy, <i>ibid.</i> 1867, xx. p. 199; <i>id.</i> et <i>D. rectangularis</i> , Bigsby, Thesaurus Sil. 1868, pp. 84 and 200; <i>D. rectangularis</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>id. ibid.</i> *Geol. Survey, Vict. 1874, Dec. I. p. 11, t. 1, f. 7.	Saltwater River, W. of Bulla; Holden; Didie R. Gippsland, Vict.

Genus **Cœnograptus**, Hall, 1867. (20th Annual Report, N. Y. State Cab. Nat. Hist. pp. 217 and 226) = *Helicograptus*, Nicholson.—*Graptolitidæ.*

<i>C. gracilis</i> , Hall.	L. Sil.	<i>Graptolithus</i> , *Pal. N. York, 1847, i. p. 274, t. 74, f. 9; <i>Graptolites</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id. ibid.</i> <i>id.</i> 1867, xx. p. 200; <i>Dichograptus</i> , Bigsby, Thesaurus Sil. 1868, p. 82; <i>Cœnograptus</i> , Hall, 20th Report, State Cab. N. York, 1867, p. 226; <i>Graptolites</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>G. (Didymo.)</i> , <i>id.</i> *Geol. Survey, Vict. Dec. II. 1875, p. 35, t. 20, f. 9.	N.W. of Bulla, near Melbourne.
----------------------------	---------	---	--------------------------------

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Dichograptus , <i>Salter</i> (pars), 1863. (Quart. Jour. Geol. Soc. xix. p. 139.) <i>Graptolitidae</i> .			
<i>D. octobrachiatus</i> , <i>Hall</i> .	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. (1857) 1858, p. 122; <i>id. ibid.</i> *Dec. II. p. 96, t. 7; <i>Graptolites</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>Didymograptus</i> , <i>ibid. id.</i> 1867, xx. p. 200; <i>Dichograpsus</i> , Nicholson, *Quart. Jour. Geol. Soc. 1868, xxiv. p. 129, t. 5, figs. 1 and 2; <i>id.</i> Bigsby, Thesaurus Sil. 1868, pp. 82 and 200; <i>Didymograpsus</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>G. (Didymo.)</i> , <i>ibid.</i> *Geol. Survey, Vict. 1874, Dec. I. p. 17, t. 2, f. 4.	Castlemaine; Watch-box Ranges, Glenhope, and Piper's Ck.; E. bank of Saltwater River, near Melbourne, Vict.

Genus **Dicranograptus**, *Hall*, 1865. (Geol. Survey, Canada, Dec. II. p. 112.)
Graptolitidae.

<i>D. ramosus</i> , <i>Hall</i> .	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Pal. New York, 1847, I. p. 270, t. 73, f. 3; <i>Graptolites</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>Diplograpsus</i> , M'Coy, Annals Nat. Hist. 1862, ix. p. 138; <i>Dicranograptus</i> , <i>Hall</i> , *Geol. Survey, Canada, Dec. II. p. 112; <i>Diplograpsus</i> , M'Coy, Annals Nat. Hist. 1867, xx. p. 200; <i>id.</i> Bigsby, Thesaurus Sil. 1868, pp. 84 and 200; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>Cladograpsus</i> , <i>id.</i> *Geol. Survey, Vict. 1875, Dec. II. p. 33, t. 20, f. 2.	W. of Bulla, near Melbourne; Bendigo (<i>Bigsby</i>), Vict.
-----------------------------------	--------------------	---	---

Genus **Didymograptus**, *M'Coy*, 1851. (Brit. Pal. Foss. p. 9.)—*Graptolitidae*.

<i>D.?</i> <i>caduceus</i> , <i>Salter</i> .	L. Sil. (Ll. Fl.).	*Quart. Jour. Geol. Soc. 1855, ix. p. 87, f. 1; <i>ibid.</i> 1863, xix. p. 137, f. 13, <i>a</i> and <i>b</i> ; M'Coy, Ex. Essay, 1861, p. 161; <i>ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>ibid. id.</i> 1867, xx. p. 200; Bigsby, Thesaurus Sil. 1868, p. 82; M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>T. bryonoides</i> (pars), Etheridge, Annals Nat. Hist. xiv. 1874, p. 2, t. 3, figs. 3 and 4; <i>G. (Didymo.) caduceus</i> , M'Coy, *Geol. Survey, Vict. Dec. II. 1875, p. 30, t. 20, figs. 3—5.	Castlemaine; Barwon Creek; Baynton's Range; Newham, &c. Vict.
--	--------------------	--	---

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>D. bryonoides</i> , Hall.		Vide <i>Tetragraptus bryonoides</i> , Hall.	
<i>D.?</i> <i>denticulatus</i> , Hall.	L. Sil.	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. (1857) 1858, p. 132; <i>id. ibid.</i> *Dec. II. p. 88, t. 4, figs. 12—16; <i>Didymograpsus</i> , Bigsby, Thesaurus Sil. 1868, p. 82.	Melbourne (<i>Bigsby</i>).
<i>D. extensus</i> , Hall.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. (1857) 1858, p. 132; <i>id. ibid.</i> Dec. II. p. 80, t. 2, figs. 11—16; <i>G. (Didymo.)</i> , M'Coy, *Geol. Survey, Vict. Dec. II. 1875, p. 29, t. 20, f. 1.	Parman Ck., Vict.
<i>D.?</i> <i>fruticosus</i> , Hall.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. [1857] 1858, p. 128; <i>id. ibid.</i> *Dec. II. p. 90, t. 5, figs. 6—8, t. 6, figs. 1—3; <i>G. et D. Pantoni</i> (M'Coy. ms.), Salter, Quart. Jour. Geol. Soc. 1863, xix. pp. 138 and 140; <i>G. (Didymo.) fruticosus</i> , M'Coy, *Geol. Survey, Vict. 1874, Dec. I. p. 13, t. 1, figs. 9—14; <i>D.?</i> <i>fruticosus</i> , Etheridge, Annals Nat. Hist. 1874, xiv. p. 6, t. 3, f. 19; ? <i>D. Pantoni</i> (M'Coy. ms.), Etheridge, * <i>ibid.</i> p. 7, t. 3, figs. 21 and 22.	Bird Reef, Bendigo; Spring Plains; Loddon R.; E. bank of Saltwater R., near Melbourne; Castlemaine, Vict.
<i>D. furcatus</i> , Hall.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Pal. New York, 1847, p. 273, t. 74, f. 4 a—f; <i>Didymograpsus</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id.</i> Bigsby, Thesaurus Sil. 1868, p. 82; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>Cladograptus</i> , M'Coy, *Geol. Survey, Vict. Dec. II. 1875, p. 34, t. 20, f. 7.	Melbourne (<i>Bigsby</i>).
<i>D. Logani</i> , Hall.		Vide <i>Loganograptus Logani</i> , Hall.	
<i>D. nitidus</i> , Hall.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. (1857) 1858, p. 129; <i>id. ibid.</i> *Dec. II. 1865, p. 69, t. 1, figs. 1—9; <i>Didymograpsus</i> , M'Coy, Annals Nat. Hist. 1867, xx. p. 200; <i>id. ibid.</i> Smyth's Progress Rept. 1874, p. 33; <i>id.</i> Etheridge, *Annals Nat. Hist. 1874, xiv. p. 6, t. 3, f. 20.	Baynton's Range; Castlemaine, Vict.
<i>D. octobrachiatus</i> , Hall.		Vide <i>Dichograptus octobrachiatus</i> , Hall.	
<i>D. Pantoni</i> , M'Coy (ms.).		Vide <i>D.?</i> <i>fruticosus</i> , Hall.	
<i>D. quadribrachiatus</i> , Hall.		Vide <i>Tetragraptus quadribrachiatus</i> , Hall.	

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>D. serratulus</i> , Hall.	L. Sil.	<i>Graptolithus</i> , *Pal. New York, 1847, i. p. 274, t. 74, f. 5 a, b; <i>Didymograpsus</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id. ibid. id.</i> 1867, xx. p. 200; <i>id.</i> Bigsby, Thesaurus Sil. 1868, p. 83; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33.	Melbourne (<i>Bigsby</i>).
Genus Diplograptus ¹ , M'Coy, 1851 (Brit. Pal. Foss. pp. 3 and 7) = <i>Prionotus</i> , Hisinger; <i>Diprion</i> , Barrande.— <i>Graptolitidae</i> .			
<i>D. angustifolius</i> , Hall.	L. Sil.	*Pal. New York, 1859, iii. p. 515, figs. 1 and 2; Bigsby, Thesaurus Sil. 1868, p. 200.	Bendigo (<i>Bigsby</i>).
<i>D. bicornis</i> , Hall.		Vide <i>Climacograptus bicornis</i> , Hall.	
<i>D. folium</i> , Hisinger ² .		Vide <i>Phyllograptus typus</i> , Hall.	
<i>D. mucronatus</i> , Hall.	L. Sil. (Ll. Fl.).	* <i>Graptolithus</i> , Pal. New York, 1847, i. p. 268, t. 73, f. 1 a—d; <i>Diplograpsus</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 138; <i>id. ibid. id.</i> 1867, xx. p. 199; <i>id.</i> Bigsby, Thesaurus Sil. 1868, pp. 83 and 200; <i>id. ibid.</i> Smyth's Progress Rept. 1874, p. 33; <i>id. ibid.</i> *Geol. Survey, Vict. Dec. i. 1874, p. 10, t. 1, f. 5; <i>id.</i> Etheridge, *Annals Nat. Hist. 1874, xiv. p. 5, t. 3, figs. 14—17.	Watch-box Ranges, near Baynton's; Newham, near Lancefield; Bulla; Bendigo, Vict.
<i>D. palmeus</i> , Barrande.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Grapt. de Bohême, 1850, p. 59, t. 3, figs. 1—4 and 7; <i>Diplograpsus</i> , M'Coy, Annals Nat. Hist. 1867, xx. p. 200; <i>id.</i> Bigsby, Thesaurus Sil. 1868, p. 200; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>id. ibid.</i> *Geol. Survey, Vict. Dec. ii. 1875, p. 32, t. 20, f. 6.	Bendigo (<i>Bigsby</i>).
<i>D. pristis</i> , Hisinger.	L. Sil. (Ll. Fl.).	<i>Prionotus</i> , Leth. Suec. 1837, p. 114, t. 35, f. 5; <i>Diplograpsus</i> , Selwyn, Quart. Jour. Geol. Soc. 1858, xiv. p. 538; M'Coy, Ex. Essay, 1861, p. 160; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 138; <i>id. ibid. id.</i> 1867, xx. p. 199; <i>id.</i> Bigsby, Thesaurus Sil. 1868, pp. 83 and 200; <i>id.</i>	Parish of Bulla; N. of Lancefield; Parish of Darriwill; Sutherland's Creek; Holden, Vict.

¹ Written *Diplograpsus* by M'Coy. The name was first used by Prof. M'Coy in the *Annals of Natural History* for October, 1850, but the genus was described in the first fasciculus of the above work, 1851.

² As this species, *Phyllo. typus*, Hall, and *D. ovatus*, Barr., are regarded only as varieties of one form by M'Coy, I have given the references under *P. typus*.

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>D. quadrangularis</i> , <i>M'Coy</i> .		<i>M'Coy</i> , Smyth's Progress Rept. 1874, p. 33; <i>id. ibid.</i> *Geol. Survey, Vict. *Dec. i. p. 11, t. 1, f. 6; ? <i>Diplograptus sp.</i> Etheridge jnr., Annals Nat. Hist. 1874, xiv. p. 6, t. 3, f. 18.	
<i>D. rectangularis</i> , <i>M'Coy</i> .		?Vide <i>Climacograptus rectangularis</i> , <i>M'Coy</i> .	
		" " "	
Genus Graptolithus , <i>Linnaeus</i> , 1736. (Syst. Nat. 1st ed. p. 3; 12th ed. 1768, III. p. 173.) <i>Graptolitida</i> .			
<i>G. fruticosus</i> , <i>Hall</i> .		Vide <i>Didymograptus fruticosus</i> , <i>Hall</i> .	
<i>G. gracilis</i> , <i>Hall</i> .		Vide <i>Cenograptus gracilis</i> , <i>Hall</i> .	
<i>G. bryonoides</i> , <i>Hall</i> .		Vide <i>Tetragraptus bryonoides</i> , <i>Hall</i> .	
<i>G. latus</i> , <i>M'Coy</i> .		Vide <i>Tetragraptus bryonoides</i> , <i>Hall</i> .	
<i>G. Logani</i> , <i>Hall</i> .		Vide <i>Loganograptus Logani</i> , <i>Hall</i> .	
<i>G. Ludensis</i> , <i>Murchison</i> .		?Vide <i>G. priodon</i> , <i>Bronn</i> .	
<i>G. octobrachiatus</i> , <i>Hall</i> .		Vide <i>Dichograptus octobrachiatus</i> , <i>Hall</i> .	
<i>G. Pantoni</i> , <i>M'Coy</i> [ms.].		Vide <i>Didymograptus fruticosus</i> , <i>Hall</i> .	
<i>G. priodon</i> , <i>Bronn</i> .	L. and Up. Sil.	<i>Monoprion</i> , * <i>Lethæa</i> , Geog. i. p. 207, t. 1, f. 13, t. 5, f. 7; ? <i>G. Ludensis</i> , <i>Murchison</i> , *Silurian Syst. 1839, p. 694, t. 26, figs. 1, 2; <i>id. M'Coy</i> , Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id. ibid. id.</i> 1867, xx. p. 199; <i>id. Bigsby</i> , Thesaurus Sil. 1868, p. 80; <i>id. M'Coy</i> , Smyth's Progress Rept. 1874, p. 33.	Melbourne.
<i>G. quadribrachiatus</i> , <i>Hall</i> .		Vide <i>Tetragraptus quadribrachiatus</i> , <i>Hall</i> .	
<i>G. sagittarius</i> , <i>His</i> .	L. Sil.	<i>Prionotus</i> , <i>Hisinger</i> , * <i>Leth. Suec.</i> Supp. p. 114, t. 35, f. 6; <i>Graptolithus</i> , <i>Hall</i> , * <i>Pal. New York</i> , 1847, I. p. 272, t. 74, f. 1; <i>Graptolites</i> , <i>M'Coy</i> , Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id. ibid. id.</i> 1867, xx. p. 199; <i>Graptolithus</i> , <i>Bigsby</i> , Thesaurus Sil. 1868, p. 81; <i>Graptolites</i> , <i>M'Coy</i> , Smyth's Progress Rept. 1874, p. 33.	
<i>G. tenuis</i> , <i>Portlock</i> .	L. Sil.	* <i>Geol. Rept. Lond.</i> 1843, p. 319, t. 19, f. 7; <i>Graptolites</i> , <i>M'Coy</i> , Ex. Essay, 1861, p. 161; <i>id.</i>	

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		<i>ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>id.</i> M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>Graptolithus</i> , Bigsby, Thesaurus Sil. 1868, p. 81.	
Genus <i>Loganograptus</i> , Hall, 1867. (20th Rept. State Cab. New York, p. 226.) <i>Graptolitidae</i> .			
<i>L. Logani</i> , Hall.	L. Sil. (Il. Fl.).	<i>Graptolithus</i> , *Pal. New York, 1859, iii. p. 502, figs. 1, 2 and 3; <i>Graptolites</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>Didymograpsus</i> , <i>ibid.</i> 1867, xx. p. 200; <i>Dichograpsus</i> , Bigsby, Thesaurus Sil. 1868, pp. 82 and 200; <i>Loganograptus</i> , Hall, 20th Rept. N. Y. State Cab. Nat. Hist. 1867, p. 226; <i>Didymograpsus</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>Grapt.</i> (<i>Didymo.</i>) <i>Logani</i> , var. <i>Australis</i> , <i>ibid.</i> *Geol. Survey, Vict. Dec. i. p. 18, t. 2, f. 6; <i>Loganograptus</i> , Etheridge, *Annals Nat. Hist. 1874, xiv. p. 4, t. 3, figs. 11 and 12.	Castlemaine; Newham, nr. Lancefield; Spring Plains; Kangaroo Creek; Parish of Darriwill; Sutherland's Ck.; Leigh River, nr. Cargarie Creek, Vict.

Genus *Phyllograptus*, Hall, 1858. (Geol. Survey, Canada, Rept. 1857, p. 137.)
Graptolitidae.

<i>P. typus</i> , Hall.	L. Sil. (Il. Fl.).	*Geol. Surv. Canada, Rept. (1857) 1858, p. 137; <i>ibid.</i> *Dec. ii. 1865, p. 119, t. 15, figs. 1—12; M'Coy, Ex. Essay, 1861, p. 161; <i>D. folium</i> , <i>id. ibid.</i> ; <i>P. typus</i> , <i>id.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>D. folium</i> , <i>id. ibid.</i> ; <i>P. typus</i> , <i>id. ibid.</i> 1867, xx. p. 200; ? <i>D. folium</i> et <i>D. ovatus</i> , Bigsby, Thesaurus Sil. 1868, p. 83; <i>P. typus</i> , <i>P. folium</i> , et <i>P. ovatus</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>P. folium</i> , var. <i>typus</i> , <i>id.</i> *Geol. Survey, Vict. Dec. i. 1874, p. 7, t. 1, figs. 1—4; <i>P. typus</i> , Etheridge, *Annals Nat. Hist. 1874, xiv. p. 3, t. 3, figs. 9 and 10.	Newham, near Lancefield; Loddon River; Lerdarberg River, nr. M'Leod's Station; Saltwater River, near Melbourne; Flats of Kangaroo Creek, Vict.
-------------------------	--------------------	---	--

Genus *Retiolites*, Barrande, 1850 (Grap. de Bohême, p. 68, note) = *Gladiolites*, Barr. 1850.—*Retioloidea*.

<i>R. Australis</i> , M'Coy.	Up. Sil. (W. Sh.).	*Geol. Survey, Vict. 1875, Dec. ii. p. 36, t. 20, f. 10.	N.W. of Keilor, Vict.
------------------------------	--------------------	--	-----------------------

Genus *Tetragraptus*, Salter, 1863. (Quart. Jour. Geol. Soc. xix. p. 140.)
Graptolitidae.

<i>T. bryonoides</i> , Hall.	L. Sil. (Il. Fl.).	<i>Graptolithus</i> , *Geol. Survey, Canada, Rept. (1857) 1858, p. 126;	Castlemaine; Watch-box
------------------------------	--------------------	---	------------------------

(Hydrozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		<i>id. ibid.</i> *Dec. II. p. 84, t. 4, figs. 1—11; ? <i>G. latus</i> , Selwyn, Quart. Jour. Geol. Soc. 1858, xiv. p. 538; ? <i>id.</i> M'Coy, Ex. Essay, 1861, p. 161; <i>Tetragrapsus</i> , Salter, Quart. Jour. Geol. Soc. xix. pp. 137, 138, f. 8 a; ? <i>G. latus</i> , M'Coy, Annals Nat. Hist. 1862, ix. p. 139; <i>Didymograpsus</i> et ? <i>G. latus</i> , <i>id. ibid.</i> 1867, xx. p. 200; <i>G. bryonoides</i> et ? <i>G. latus</i> , Bigsby, Thesaurus Sil. 1868, pp. 80 and 200; <i>D. bryonoides</i> et ? <i>G. latus</i> , M'Coy, Smyth's Progress Rept. 1874, p. 33; <i>Grapt. (Didymo.) bryonoides</i> et ? <i>G. latus</i> , M'Coy, *Geol. Survey, Vict. Dec. I. p. 16, t. 2, figs. 2, 3 and 5; <i>Tetragraptus bryonoides</i> (pars), Etheridge, Annals Nat. Hist. 1874, xiv. p. 1, t. 3, figs. 1 and 2; ? <i>G. latus</i> , <i>ibid.</i> <i>id.</i> p. 7, t. 3, f. 23.	Ranges, near Baynton's; Spring Plains; Barwon Creek, near Griffith and Green's Station; Glenhope and Piper's Creek; Kangaroo Creek; Sutherland's Creek; Parish of Darriwill; Parish of Cool-Barghurk, Vict.
<i>T. quadribrachiatus</i> , Hall.	L. Sil. (Ll. Fl.).	<i>Graptolithus</i> , *Geol. Surv. Canada, Rept. (1857) 1858, p. 126; <i>id. ibid.</i> *Dec. II. p. 91, t. 5, figs. 1—5, t. 6, f. 6; <i>Graptolites</i> , M'Coy, Ex. Essay, 1861, p. 161; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 139; <i>Didymograpsus</i> , <i>ibid.</i> <i>id.</i> 1867, xx. p. 200; <i>id. ibid.</i> Smyth's Progress Rept. 1874, p. 33; <i>Grapt. (Didymograpsus)</i> , <i>ibid.</i> *Geol. Survey, Vict. 1874, Dec. I. p. 15, t. 2, f. 1; <i>Tetragraptus</i> , Etheridge, *Annals Nat. Hist. 1874, xiv. p. 3, t. 3, figs. 5—8.	Newham, near Lancefield; Bird Reef, Bendigo; Watch-box Ranges, near Baynton's; Spring Plains, Vict.

Class—Actinozoa.

Zoantharia Sclerodermata (Tabulata, Tubulosa, Perforata, Aporosa), and Rugosa.

Genus *Alveolites*, Lamarek, 1801. (Système d. Anim. s. Vertèb. p. 375.)
Tabulata.

<i>A. oculata.</i>		Vide <i>Cerriopora</i> (Polyzoa).	
<i>A. rapa</i> , de Kon.	U. Sil. (Ludlow).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 18, Atlas, t. 1, f. 2.	Burrowang, N. S. Wales.
<i>A. repens</i> , Foug.	U. Sil. (Ludlow).	<i>Millepora</i> , *Dissertatio Corallia Balt. 1749, p. 19, plate, f. 25; <i>Alveolites</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 203, t. 62, f. 1; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 17.	Burrowang, N. S. Wales.

(Actinozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Aulopora</i> , Goldfuss, 1826 (Petrefacta, i. p. 82) = <i>Tubiporites</i> , Schlotheim. <i>Tubulosa</i> ?			
<i>A. fasciculata</i> , de Kon.	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 14, Atlas, t. 1, f. 1.	Bell River, N. S. Wales.

Genus *Cyathophyllum*, Goldfuss, 1826. (Petrefacta, i. p. 54.) *Rugosa*.

<i>C. articulatum</i> , Wahlenberg.	U. Sil. (Ludlow).	<i>Madreporites</i> , *Nov. Act. Soc. Upsala, 1821, viii. p. 97; <i>Cyathophyllum</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 282, t. 67, f. 1; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 13.	Burrowang, N. S. Wales.
<i>C. binum</i> , Lonsdale.	L. Pal. (Up. Sil.).	<i>Turbinolopsis</i> , *Sil. System, 1839, p. 692, t. 16 bis, f. 5; <i>Petraia</i> , McCoy, Sil. Foss. Ireland, 1862, p. 60; <i>Turbinolopsis</i> , Clarke, Quart. Jour. Geol. Soc. iv. p. 65.	Colocolo and Bingaberri, N. S. Wales.

Genus *Cystiphyllum*, Lonsdale, 1839. (Silurian Syst. p. 691.) *Rugosa*.

<i>C. Siluriense</i> , Lonsd.	U. Sil. (Ludlow).	*Silurian Syst. 1839, p. 691, t. 16 bis, f. 1; Edwards and Haime, *Mon. Brit. Sil. Corals, p. 298, t. 72, f. 1; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 12.	Burrowang, N. S. Wales.
-------------------------------	-------------------	---	-------------------------

Genus *Favosites* (pars), Lamarck, 1816 (Hist. d. Anim. s. Vertèb. ii. p. 204¹) = *Calamopora*, Goldfuss.—*Tabulata*.

<i>F. aspera</i> , D'Orb.	U. Sil. (Ludlow).	Prodrome de Pal. 1849, i. p. 49; Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 257, t. 60, f. 3; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 21.	Boree, N. S. Wales.
<i>F. cristata</i> , Blumenbach.	U. Sil. (Ludlow).	<i>Madreporites</i> , *Comment. Soc. Scient. Gött. 1804, xv. p. 154, t. 3, f. 12; <i>F. polymorpha</i> , Lonsdale, *Silurian Syst. 1839, p. 684, t. 15, f. 2; <i>F. cristata</i> , Ed. and Haime, *Mon. Brit. Sil. Corals, 1854, p. 260, t. 61, figs. 3 and 4; <i>F. polymorpha</i> , Clarke, S. Goldfields, 1860, p. 285; <i>F. cristata</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 20.	Burrowang, N. S. Wales.
<i>F. fibrosa</i> , Goldfuss.	U. Sil. (Ludlow).	<i>Calamopora</i> , *Petrefacta, i. p. 82, t. 28, figs. 3 and 4; <i>Favosites</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, pp. 217 and 261, t. 48, f. 3, t. 61, f. 5; <i>id.</i> Clarke, S. Goldfields, 1860, p. 285; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 22.	Limekilns, N. S. Wales.

¹ The name simply was first introduced in the *Cours de Zoologie*, 1812.

(Actinozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>F. Forbesi</i> , Edwards and Haime.	U. Sil. (Ludlow).	*Mon. Brit. Sil. Corals, 1854, p. 258, t. 60, f. 2, <i>a-g</i> ; de Kon. *Foss. Pal. Nouv.-Galles d. Sud, 1876, p. 20.	Burrowang, N. S. Wales.
<i>F. Gothlandica</i> , Foug.	U. Sil. (Ludlow).	<i>Corallum</i> , *Dissertatio Corallia Balt. 1749, p. 39, plate 4, fig. 27; <i>Favosites</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 256, t. 60, f. 1; <i>id.</i> Clarke, Quart. Jour. Geol. Soc. 1848, rv. p. 65; <i>id. ibid.</i> S. Goldfields, 1860, p. 258; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 22.	Yass Plains; Burrowang, N. S. Wales.
<i>F. multipora</i> , Lonsdale.	U. Sil. (Ludlow).	*Silurian Syst. 1839, p. 683, t. 15 <i>bis</i> , f. 5; <i>F. multipora?</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 21.	Limekilns, N. S. Wales.
<i>F. polymorpha</i> , Lonsdale.		Vide <i>F. cristata</i> .	

Genus *Halysites*¹, Fischer, 1813 (Zoognosia, Tab. Synop. 3rd ed. i. p. 387)
= *Catenipora*, Lamarck, 1816.—*Tabulata*.

<i>H. escharoides</i> , Lamarck.	U. Sil. (Ludlow).	<i>Catenipora</i> , Hist. d. Anim. s. Vertèb. 1816, ii. p. 207; <i>Halysites</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 272, t. 64, f. 2; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles d. Sud, 1876, p. 16.	Wellington, N. S. Wales.
----------------------------------	-------------------	--	--------------------------

Genus *Heliolites*, Dana, 1846 (Zooph. U. S. Exploring Exped. p. 541)²
= *Palæopora*, M'Coy; *Geoporites*, D'Orb.—*Tabulata*.

<i>H. interstinctus</i> , Linn.	L. Pal. (Up. Sil.).	<i>Madreporites</i> , Systema, 1767, 12th ed. p. 1276; <i>Palæopora</i> , M'Coy, *Brit. Pal. Foss. 1851, p. 15; <i>Heliolites</i> , Edwards and Haime, *Polyp. Foss. Terr. Pal. p. 214; <i>id. ibid.</i> *Mon. Brit. Sil. Corals, 1854, p. 249, t. 15, f. 9; <i>Palæopora</i> , M'Coy in Couchman's Progress Rept. 1877, rv. pp. 156 and 158.	Waratah Bay, Vict.
<i>H. megastoma</i> , M'Coy.	U. Sil. (Ludlow).	<i>Porites</i> , *Sil. Foss. Ireland, 1862, p. 62, t. 4, f. 19; <i>Palæopora</i> , *Brit. Pal. Foss. 1851, p. 16, t. 1 c. f. 4; <i>Heliolites</i> , Edwards and Haime, *Mon. Brit. Sil. Corals, 1854, p. 251, t. 58, f. 2, <i>a-d</i> ; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 24.	Burrowang, N. S. Wales.
<i>H. Murchisoni</i> , Ed. and H.	U. Sil. (Ludlow).	*Mon. Brit. Sil. Corals, 1854, p. 250, t. 57, f. 6, <i>a-c</i> ; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 25.	Burrowang, N. S. Wales.

¹ Written "*Alyssites*" by Fischer.

² This generic name appears to have been first used by Guettard (*Mémoires*, 1770, t. III. p. 454).

(Actinozoa.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Monticulipora , <i>D'Orbigny</i> , 1849 (Prodrome de Pal. i. p. 25) = <i>Nebulipora</i> , <i>M'Coy</i> .— <i>Tabulata</i> .			
<i>M. ? Bowerbanki</i> , <i>Ed.</i> and <i>H.</i>	U. Sil. (Up. Llandov.).	*Mon. Brit. Sil. Corals, 1854, p. 268, t. 63, f. 1, <i>a—c</i> ; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 16.	Rockflat Creek, <i>N.</i> <i>S. Wales.</i>
<i>M. pulchella</i> , <i>Ed.</i> and <i>H.</i>	U. Sil. (Lud- low).	*Mon. Brit. Foss. Corals, 1854, p. 267, t. 62, f. 5, <i>a, b</i> ; de Kon. *Foss. Pal. Nouv.-Galles d. Sud, 1876, p. 17.	Burrowang; Bell River, <i>N. S.</i> <i>Wales.</i>
Genus Omphyma , <i>Rafinesque</i> and <i>Clifford</i> , 1820. (Ann. d. Sc. Phys. Bruxelles, v. p. 235.) <i>Rugosa</i> .			
<i>O. Murchisoni</i> , <i>Ed.</i> and <i>H.</i>	U. Sil. (Lud- low).	*Mon. Brit. Sil. Corals, 1851, p. 289, t. 67, f. 3, <i>a, b</i> ; de Kon. *Foss. Pal. Nouv.-Galles d. Sud, 1876, p. 12.	Burrowang, <i>N. S.</i> <i>Wales.</i>
Genus Palæopora , <i>M'Coy</i> , 1849. (Annals Nat. Hist. iii. p. 129.) Vide <i>Heliolites</i> , <i>Dana</i> .			
<i>P. interstincta</i> , <i>Linn.</i>		Vide <i>Heliolites interstinctus</i> .	
Genus Plasmopora , <i>Edwards</i> and <i>Haime</i> , 1849. (Comptes Rendus, xxix. p. 262.) <i>Tabulata</i> .			
<i>P. petaliformis</i> , <i>Lonsdale</i> .	U. Sil. (Lud- low).	<i>Porites</i> , *Silurian Syst. 1839, p. 687, t. 16, f. 4; <i>Plasmopora</i> , <i>Ed.</i> and <i>H.</i> *Mon. Brit. Sil. Corals, 1854, p. 253, t. 39, f. 1; <i>a—c</i> ; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 24.	Bell River, <i>N. S.</i> <i>Wales.</i>
Genus Propora , <i>Edwards</i> and <i>Haime</i> , 1849. (l. c. p. 262.) <i>Tabulata</i> .			
<i>P. tubulata</i> , <i>Lons- dale</i> ,	U. Sil. (Lud- low).	<i>Porites</i> , *Silurian Syst. 1839, p. 687, t. 16, f. 3; <i>Propora</i> , <i>Ed.</i> and <i>H.</i> *Mon. Brit. Sil. Corals, 1854, p. 255, t. 59, f. 3, <i>a, b</i> ; <i>id.</i> de Kon. *Foss. Pal. Nouv.- Galles du Sud, 1876, p. 23.	Bell River, <i>N. S.</i> <i>Wales.</i>
Genus Pleurodictyum , <i>Goldfuss</i> , 1829. (Petrefacta, i. p. 113.)			
<i>P. megastomum</i> , <i>M'Coy</i> .	U. Sil.	Annals Nat. Hist. 1867, xx. p. 201, <i>note</i> ; Bigsby, Thesaurus Sil. 1868, p. 192; <i>M'Coy</i> , Smyth's Progress Rept. 1874, p. 34.	Upper Yarra Dis- trict, <i>Vict.</i>
Genus Ptychophyllum , <i>M. Edwards</i> and <i>Haime</i> , 1850. (Mon. Brit. Foss. Corals, Introd. p. lxi.) <i>Rugosa</i> .			
<i>P. patellatum</i> , <i>Schlotheim</i> .	U. Sil. (Lud- low).	<i>Fungites</i> , Petrefacta, 1820, p. 347; <i>Strombodes plicatus</i> , <i>Lonsdale</i> , *Silurian Syst. 1839, p. 691, t. 16 <i>bis</i> , f. 4; <i>id.</i> Clarke, Quart. Jour. Geol. Soc. iv. p. 65; <i>P.</i> <i>patellatum</i> , <i>Ed.</i> and <i>H.</i> *Brit. Sil. Corals, 1854, p. 291, t. 67, f. 4; <i>P. plicatum</i> , Clarke, S. Gold- fields, 1860, p. 285; <i>P. patella- tum</i> , de Kon. *Foss. Pal. Nouv.- Galles du Sud, 1876, p. 11.	Yass Plains; Dan- galong, <i>N. S.</i> <i>Wales.</i>

(Actinozoa—Echinodermata.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Striatopora</i> , Hall, 1852. (Pal. N. York, II. p. 156.) <i>Tabulata</i> ?			
<i>S. Australica</i> , de Kon.	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 19, t. 1, f. 3, a.	Yass, N. S. Wales.
Genus <i>Strombodes</i> (pars), Schweigger, 1820 (Handb. d. Naturg. p. 418) = <i>Acervularia</i> , Lonsdale; <i>Actinocyathus</i> , D'Orbigny.— <i>Rugosa</i> .			
<i>S. diffluens</i> , Ed. and H.	U. Sil. (Up. Llandov.).	*Mon. Brit. Sil. Corals, 1854, p. 294, t. 71, f. 2; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 10.	Maneroo, N. S. Wales.
Genus <i>Syringopora</i> , Goldfuss, 1826 (Petrefacta, I. p. 75) = <i>Harmodites</i> , Fischer, 1828.— <i>Tabulata</i> .			
<i>S. serpens</i> , Linn.?	U. Sil. (Up. Llandov.).	<i>Tubipora</i> , Syst. Nat. 1767, ed. 12, p. 1271; <i>Syringopora</i> , Ed. and H. *Mon. Brit. Sil. Corals, 1854, p. 275, t. 65, f. 2; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 15.	Deleget River, N. S. Wales.
Genus <i>Rhizophyllum</i> , Lindstrom, 1865. (Kongl. Vet. Akad. Förhandl. 1865, No. 5, p. 287.) <i>Rugosa</i> .			
<i>R.?</i> <i>interpunctatum</i> , de Kon.	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 61, t. 1, f. 10.	Boree Cavern, N. S. Wales.

Sub-kingdom—Annuloida. Class—Echinodermata¹.

Genus *Cyathocrinus*, Miller, 1821 (Nat. Hist. Crinoidea, p. 85) = *Encrinites*, Schlotheim, 1817.—*Crinoidea*, *Cyathocrinida*.

<i>C. pinnatus</i> , Blaudowski ² .	Up. Sil.	<i>Cyathocrinites</i> , Trans. Phil. Soc. Vict. I. p. 122.	Up. Yarra, Vict.
--	----------	--	------------------

Genus *Palæaster*, Hall, 1852. (Pal. New York, II. p. 247.) *Asteroidea*.

<i>P. Selwynii</i> , M'Coy.		Vide <i>Urasterella</i> .	
-----------------------------	--	---------------------------	--

Genus *Petraster*, Billings, 1858. (Geol. Surv. Canada, Dec. III. p. 79.) *Asteroidea*.

<i>P. Smythi</i> , M'Coy.	U. Sil.	Smyth's Progress Rept. 1874, p. 34; *Geol. Survey, Vict. Dec. I. 1874, p. 41, t. 10, f. 1, a, b.	Moonee Ponds, nr. Flemington, Vict.
---------------------------	---------	--	-------------------------------------

Genus *Tæniaster*, Billings³, 1858. (Geol. Surv. Canada, III. p. 80.) *Asteroidea*.

<i>T. Australis</i> , M'Coy (ms.).	U. Sil.	Smyth's Progress Rept. 1874, p. 34.	Melbourne, and Up. Yarra, Vict.
------------------------------------	---------	-------------------------------------	---------------------------------

¹ We have on record indicated species of the genus *Actinocrinus*, Miller. (Selwyn, *Quart. Jour. Geol. Soc.* 1858, XIV. p. 534; Bigsby, *Thesaurus*, 1868, pp. 18 and 19; Smyth's *Progress Rept.* p. 34.)

² Non *C. pinnatus*, Goldfuss, *Pet. Germ.* I. p. 190, t. 58, f. 7.

³ Prof. Hall considers that there is a very close relation between this genus and *Protaster*, Forbes, and *Eugaster*, Hall (29th Ann. Report State Cab. Nat. Hist. N. York, 1867, p. 300).

(Echinodermata—Crustacea.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Urasterella</i> , <i>M'Coy</i> ¹ , 1851 (Brit. Pal. Foss. p. 59) = <i>Stenaster</i> , Billings, 1858.— <i>Asteroides</i> .			
<i>U. Selwyni</i> , <i>M'Coy</i> .	U. Sil.	<i>Palæaster</i> , Geol. Survey, Vict. 1 sheet 4 S.W. note; <i>id.</i> Smyth's Progress Rept. 1874, p. 34; <i>Urasterella</i> , *Geol. Survey, Vict. Dec. 1. 1874, p. 42, t. 10, f. 2 and 3.	Nr. the Bald Hills, Kilmore, Vict.

Class—Crustacea.

Genus *Bronteus*, *Goldfuss*, 1839 (Nov. Act. Phys.-Med. Acad. Cæsareæ Leop.-Carol. Nat. Curios. xix. pt. 1, p. 360) = *Brontes*, Goldf.—*Trilobita*.

<i>B. goniopeltis</i> , <i>de Kon</i> .	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 58, pl. 1, f. 10.	Rock-flat Creek, N. S. Wales.
<i>B. Partschi</i> , <i>Bar</i> .	U. Sil. (Ludlow).	Notice Prélim. p. 60; *Syst. Sil. Bohm. 1. p. 870, t. 46, figs. 19—31; <i>de Kon</i> . *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 57.	Boree Cavern, N. S. Wales.

Genus *Calymene*, *Brongniart*, 1822. (Hist. Nat. Crust. Foss. pp. 6 and 9.) *Trilobita*.

<i>C. Blumenbachii</i> , <i>Brong</i> .	U. Sil. (Up. Llandov.).	*Crust. Foss. 1822, p. 11, t. 1, f. 1 <i>a—d</i> ; <i>de Kon</i> . *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 55.	Yarralumla, N. S. Wales.
<i>C. Macleayi</i> , <i>Salter</i> (ms.).		Clarke, S. Goldfields, 1860, p. 286.	
<i>C. tuberculata</i> ² .	U. Sil.	<i>M'Coy</i> , in Smyth's Progress Rept. 1874, p. 34.	Upper Yarra, Vict.

Genus *Caryocaris*, *Salter*, 1863. (Quart. Jour. Geol. Soc. xix. p. 139.) *Phyllopoda*.

<i>C. Salteri</i> , <i>M'Coy</i> .		Vide <i>Hymenocaris Salteri</i> , <i>M'Coy</i> .	
------------------------------------	--	--	--

Genus *Cheirurus*, *Beyrich*, 1845 (Über Böhm. Trilob. p. 5) = *Ceraurus*, Green. *Trilobita*.

<i>C. Murrayi</i> , <i>Salter</i> (ms.).		Clarke, S. Goldfields, 1860, p. 286.	
<i>C. insignis</i> , <i>Beyrich</i> .	U. Sil. (Up. Llandov.).	*Über Böhm. Trilob. p. 12, f. 1; <i>de Kon</i> . *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 48.	Yarralumla, N. S. Wales.

Genus *Cromus*, *Barrande*, 1852. (Syst. Sil. d. Centre de la Bohême, 1. p. 821.) *Trilobita*.

<i>C. Bohemicus</i> , <i>Bar</i> .	U. Sil. (Up. Llandov.).	*l. c. p. 828, t. 43, figs. 15—17; <i>C. Bohemicus?</i> <i>de Kon</i> . *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 53.	Yarralumla, N. S. Wales.
------------------------------------	-------------------------	---	--------------------------

¹ Profs. Hall and *M'Coy* concur in the distinctness of this genus from *Palæaster*, Hall, and in its identity with *Stenaster*, Bill. (*op. cit.*, p. 282, and *Geol. Survey, Vict. Dec. 1. p. 42*), contrary to the opinion of Messrs Salter and Billings, both of whom referred such types to *Palæaster*.

² The author of this species is not mentioned; may it be intended for *C. tuberculosa*, Salter (*Mems. Geol. Surv. 11. pt. 1. p. 342?*)

(Crustacea.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
C. Murchisoni, <i>de Kon.</i>	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 54, t. 1, f. 9.	Yarralumla and Quadong, N. S. Wales.

Genus **Dalmannia**, *Emmrich*, 1845. (Neues Jahrb. f. Miner. p. 40.) *Trilobita*.

D. caudata, <i>Brün.</i>		Vide <i>Phacops caudatus</i> .	
--------------------------	--	--------------------------------	--

Genus **Encrinurus**, *Emmrich*, 1845. (L. c. p. 42.) *Trilobita*.

E. Australis, <i>Salter</i> (ms.).	Up. Sil.?	Clarke; S. Goldfields, 1860, p. 286.	
E. Barrandei, <i>de Kon.</i>	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 51, pl. 1, f. 8.	Yarralumla, N. S. Wales.
E. punctatus, <i>Brün-nich.</i>	U. Sil. (Ludlow).	*Neues Jahrb. f. Miner. 1845, p. 42; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 49.	Yass, N. S. Wales.

Genus **Entomis**, *Jones*, 1861. (Mems. Geol. Survey, Scotland, No. 32, p. 137.)
Ostracoda.

E. pelagica, <i>Barrande.</i>	U. Sil. (L. Llandov.).	*Syst. Sil. Bohm. i. Supp. 1872, p. 515, t. 24, figs. 1—6; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 45.	Yarralumla, N. S. Wales.
E. tuberosa, <i>Jones.</i>	U. Sil. (L. Llandov.).	Salter, *Mem. Geol. Survey, Scotland, 32, p. 137, t. 2, f. 5; Jones, *Annals Nat. Hist. 1873, xi. p. 415; Woodward, Cat. Brit. Foss. Crust. 1877, p. 120.	Yarralumla, N. S. Wales.

Genus **Forbesia**, *M'Coy*, 1862. (Sil. Fossils, Ireland, p. 49.) *Trilobita*.

F. Euryceps, <i>M'Coy.</i>	U. Sil. (Wenlock).	*Geol. Survey, Vict. Dec. iii. p. 17, t. 23, f. 10.	Broadhurst Creek, Vict.
----------------------------	--------------------	---	-------------------------

Genus **Harpes**, *Goldfuss*, 1839. (Nov. Act. Phys.-Med. Acad. Cæsareæ Leop. Carol. Cur. Nat. xix. pt. 1, p. 358.) *Trilobita*.

H. ungula, <i>Sternberg.</i>	U. Sil. (Ludlow).	<i>Trilobites</i> , *Verhandl. Böhm. Mus. p. 52, t. 2, f. 1; <i>Harpes</i> , Barrande, *Syst. Sil. Boh. 1852, i. p. 347, t. 8, f. 9; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 59.	Boree Cavern, N. S. Wales.
------------------------------	-------------------	---	----------------------------

Genus **Homalonotus**, *König*, 1820? (Icones Sectil. p. 4) = *Dipleura*, Green, *Trimerus*, Green.—*Trilobita*.

H. Harrisoni, <i>M'Coy.</i>	U. Sil. (Up. Llandov.).	Annals Nat. Hist. 1867, xx. p. 198, Bigsby, Thesaurus Sil. 1868, p. 199; M'Coy, Smyth's Progress Rept. 1874, p. 34; <i>id.</i> *Geol. Survey, Vict. Dec. iii. 1876, p. 19, t. 23, f. 11 (? = <i>H. delphinocephalus</i> , Harrison (non Green), Trans. Roy. Soc. Vict. vii. p. 17).	Moonee Ponds Creek, near Melbourne, Vict.
-----------------------------	-------------------------	---	---

(Crustacea.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Hymenocaris , Salter, 1853. (Brit. Ass. Rept. for 1852, pt. 2, p. 58.) <i>Phyllopoda</i> .			
H. Salteri, M'Coy.	L. Sil.	Ex. Essay, 1861, p. 161; Annals Nat. Hist. 1862, ix. p. 140; <i>id.</i> 1867, xx. p. 201; Salter, Quart. Jour. Geol. Soc. 1863, xix. p. 139; <i>Hymenocaris et Cargocaris</i> , Bigsby, Thesaurus Sil. 1868, pp. 73 and 200; M'Coy, Smyth's Progress Rept. 1874, p. 33; ? <i>Hymenocaris vermicauda</i> , Hochstetter, Verhandl. K. K. Geol. Reichsanstalt (Jahrbuch, 1861, xii.) p. 23.	Redesdale, Vict.
Genus Illænus , Dalman, 1826. (Kongl. Vet. Acad. Handl. för år 1826, p. 248.) <i>Trilobita</i> .			
I. Wahlenbergianus, Barr.	U. Sil. (Ludlow).	*Sil. Syst. Bohême, i. p. 684, t. 34, f. 19—25; I. Wahlenbergi? de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 46.	Boree Caverns, N. S. Wales.
Genus Lichas , Dalman, 1826. (Kongl. Vet. Acad. Handl. för år 1826, p. 278.) = <i>Acanthopyge</i> , Hawle and Corda, 1847.— <i>Trilobita</i> .			
L. Australis, M'Coy.	U. Sil.	*Geol. Survey, Vict. Dec. iii. p. 18, t. 22, f. 11.	Woori-Yallock, Vict.
L. sp. ind.	U. Sil.	de Kon. Foss. Pal. Nouv.-Galles du Sud, 1876, p. 57.	Rockflat Creek, N. S. Wales.
Genus Phacops , Emmerich, 1839. (De Trilob. Dissert. p. 18; Neues Jahrb. 1845, p. 38.)— <i>Trilobita</i> .			
P. caudatus, Brünich.	U. Sil.	Burmeister, *Organ. Trilobites, 1846, p. 94, t. 4, f. 9; <i>Dalmanina</i> , M'Coy, Geol. Survey, Vict. $\frac{1}{2}$ sheet 4, S.W. note; P. (<i>Odonochile</i>), <i>id. ibid.</i> *Dec. iii. 1876, p. 13, t. 22, figs. 1—7, t. 23, figs. 7—10; Couchman's Progress Rept. 1877, iv. p. 156.	Broadhurst and Kilmore Creeks, Vict.
P. fecundus, Barr.	U. Sil.	*Syst. Sil. de la Bohême, 1852, i. p. 514, t. 21, figs. 1—27; P. (<i>Portlockia</i>) M'Coy, *Geol. Survey, Vict. Dec. iii. 1876, p. 15, t. 22, figs. 8 and 9, t. 23, figs. 1—6.	Yering, Up. Yarra, Vict.
P. longicaudatus, Murchison.	U. Sil.	*Silurian Syst. 1839, p. 656, t. 14, figs. 11—14; M'Coy, Ex. Essay, 1861, p. 162; Annals Nat. Hist. 1862, ix. p. 140; <i>id. ibid.</i> 1867, xx. p. 198; Bigsby, Thesaurus Sil. 1868, p. 63; M'Coy, Smyth's Progress Rept. 1874, p. 34.	Broadhurst Creek, Vict.

(Crustacea.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Proetus , <i>Steininger</i> , 1831. (Méms. Soc. Géol. France, i. p. 355 ¹).— <i>Trilobita</i> .			
<i>P. Stokesii</i> , <i>Murchison</i> .	U. Sil. (Up. Llandov.).	<i>Asaphus</i> , *Silurian System, 1839, p. 656, t. 14, f. 6; <i>Proetus</i> , <i>Siluria</i> , 1867, 4th ed. p. 520; <i>P. Stokesii?</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 56.	Yarralumla, N. S. Wales.
Genus Staurocephalus , <i>Barrande</i> , 1846. (Notice Prélim. p. 52).— <i>Trilobita</i> .			
<i>S. Clarkei</i> , <i>de Kon.</i>	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 47, t. 1, f. 8.	Rockflat Creek, N. S. Wales.
Genus Trinucleus , <i>Luid</i> , 1699. (Lith. Brit. Ichnographia, p. 97 ²).— <i>Trilobita</i> .			
<i>T. Clarkei</i> , <i>M'Leay</i> (ms.).		Quart. Jour. Geol. Soc. iv. p. 64.	Burrageood, N. S. Wales.

Sub-kingdom—Mollusca. Section—Molluscoida. Class—Polyzoa³.Genus **Ceriopora** (pars), *Goldfuss*, 1826 (Petrefacta, i. p. 32⁴).

<i>C. oculata</i> , <i>Clarke</i> .		<i>S. Goldfields</i> , 1860, p. 284 (?= <i>C. oculata</i> , <i>Goldfuss</i> , *Petrefacta, i. p. 217, t. 65, f. 14).
-------------------------------------	--	--

Genus **Ptilodictya**, *Lonsdale*, 1839, non *Goldf.* (Sil. Syst. p. 676.)
Cheilostomata-Inarticulata.

<i>P. fucoides</i> , <i>M'Coy</i> .	U. Sil.	*Brit. Pal. Foss. p. 47, t. 1 c, f. 14; <i>Smyth's Progress Rept.</i> 1874, p. 34.	Goulburn, Vict.
-------------------------------------	---------	--	-----------------

Class—Brachiopoda.

Genus **Atrypa**, *Dalman*, 1828 (Kongl. Vet. Acad. Handl. för år 1827, p. 102⁵;
Davidson, Introduction, p. 90)=*Spirigerina*, *d'Orb.*—*Clistenterata-Rhynchonellidae*.

<i>A. reticularis</i> , <i>Linnaeus</i> .	U. Sil. (Up. Ludlow).	<i>Anomia</i> , Syst. Nat. 1767, XII. ed. i. pt. 2, p. 1152; <i>Atrypa</i> , <i>Dalman</i> . Kongl. Vet. Acad. Handl. för år 1827 (1828), p. 127, t. 4, f. 2; <i>id.</i> Hall, Pal. N. York, 1851, II. pp. 72 and 270, t. 23, f. 8, a—c; <i>id.</i> <i>Davidson</i> , Mon. Brit. Sil. Brach. 1867, p. 129,	Duntroon, N. S. Wales.
---	-----------------------	--	------------------------

¹ This volume bears date 1833, but the memoir containing the description of the genus *Proetus*, is headed, "publié à Trèves en 1831."

² As *Trinucleum*. It was figured, but not described, in the *Philosophical Transactions* (Vol. 20, 1698, p. 279, plate).

Note. The following genera are also known to occur in Victoria, *Beyrichia*, *Cheirurus*, and *Sphaerexochus* (*Selwyn*, *Quart. Jour. Geol. Soc.* 1858, XIV. pp. 533—34; *Bigsby*, *Thesaurus*, pp. 43—45, 65, and 73, &c.; *M'Coy*, *Smyth's Progress Rept.* 1874, p. 34). From New South Wales we have *Beyrichia* (*Clarke*, *S. Goldfields*, p. 286).

A species of *Trinucleus*, closely allied to, if not identical with, *T. Caractaci*, *Murchison* (= *C. concentricus*, *Eaton*), was discovered by the Rev. W. B. Clarke at Yarralumla, N. S. Wales (*Quart. Jour.* IV. p. 66).

³ Prof. M'Coy has recorded the occurrence of two new species of *Fenestella* in Victorian rocks.

⁴ As originally described *Ceriopora* contained a heterogeneous assemblage of generic types, and even as now used for Palaeozoic forms can only be regarded as a provisional or conventional term. It is probable that the majority of the latter will fall into the genus *Rhynchopora*, *Meek*.

⁵ The genus *Atrypa*, with *Leptæna* and *Orthis*, were described by *Dalman*, as above, in the volume for 1827, which bears 1828 as its date of publication.

(Brachiopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
A.? <i>hemispherica</i> , <i>J. de C. Sow.</i>	U. Sil. (Up. Llandov.).	t. 14, figs. 1—22; <i>Spirigera</i> , M'Coy, Annals Nat. Hist. 1867, xx. p. 196; <i>Atrypa</i> , Clarke, S. Goldfields, 1860, p. 284; <i>id.</i> Bigsby, Thesaurus Sil. 1868, p. 91; <i>Spirigera</i> , M'Coy, Smyth's Progress Report, 1874, p. 34; <i>Atrypa</i> , Clarke, Remarks Sed. Form. N. S. Wales, 1875, 3rd ed. p. 12; <i>id.</i> de Koninck, Foss. Pal. Nouv.-Galles du Sud, 1876, p. 33. *Silurian Syst. 1839, p. 637, t. 20, f. 7; Davidson, *Mon. Brit. Sil. Brachiopoda, p. 136, t. 13, figs. 23—30; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 33.	Duntroon, N. S. Wales.

Genus **Chonetes**, Fischer, 1837. (Oryctographie Gouv. Moscou, p. 134.)
Clistenterata-Productida.

C. <i>minima</i> , <i>J. de C. Sow.</i>		<i>Leptæna</i> , *Silurian Syst. 1839, p. 629, t. 13, f. 4; <i>Chonetes</i> , Davidson, *Mon. Brit. Sil. Brachiopoda, p. 334, t. 49, figs. 15—19; M'Coy, Geol. Survey, Vict. $\frac{1}{2}$ sheet 3, N.E. note; <i>id.</i> <i>ibid.</i> $\frac{1}{2}$ sheet 4, S.W.; <i>id.</i> Smyth's Progress Rept. 1874, p. 34.	Bruce's Creek, nr. Mount Macedon? and Kilmore Ck. Vict.
C. <i>striatella</i> , <i>Dalman.</i>	U. Sil. (Ludlow).	<i>Orthis</i> , *Kongl. Vet. Acad. Handl. 1827, p. 111, t. 1, f. 5, a—d; <i>Chonetes</i> , Davidson, *Mon. Brit. Sil. Brachiopoda, p. 331, t. 49, figs. 23—26; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 26.	Quadong, N. S. Wales.

Genus **Leptæna**, Dalman, 1828. (Kongl. Vet. Acad. Handl. för år 1827, p. 94.)
Clistenterata-Strophomenida.

L. <i>minima</i> , <i>Sow.</i>		Vide <i>Chonetes minima</i> , <i>Sow.</i>	
L. <i>sericea</i> , <i>J. de C. Sow.</i>	U. Sil.	*Silurian Syst. 1839, p. 636, t. 19, figs. 1 and 2; Clarke, Quart. Jour. Geol. Soc. rv. p. 65; Davidson, *Mon. Brit. Sil. Brachiopoda, p. 323, t. 48, figs. 10—19.	Yarralumla, Murray District, N. S. Wales.
L. <i>quinquecostata</i> , <i>M'Coy.</i>	U. Sil. (Up. Llandov.).	<i>Orthis</i> , *Sil. Foss. Ireland, 1862, p. 33, t. 3, f. 8; Davidson, *Mon. Brit. Sil. Brachiopoda, p. 322, t. 48, figs. 23—27; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 26.	Yarralumla, N. S. Wales.

Genus **Leptagonia**, M'Coy, 1852. (Brit. Pal. Foss. p. 247¹.) Vide *Strophomena*.

L. <i>depressa</i> , <i>Dalman.</i>	Vide <i>Strophomena rhomboidalis</i> , Wilckens.
-------------------------------------	--

¹ The name seems to have first appeared in the *Annals Nat. Hist.* 1851, VIII. p. 404.

(Brachiopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Meristella</i> , Hall, 1860 ¹ . (Thirteenth Annual Report N. Y. State Cabinet, Nat. Hist. p. 74.)— <i>Clistenterata-Spiriferidae</i> .			
<i>M. tumida</i> , Dalman.	U. Sil. (Up. Llandov.).	<i>Atrypa</i> , *Kongl. Vet. Acad. Handl. för år 1827 (1828), p. 134, t. 5, f. 3; <i>Meristella</i> , Davidson, *Mon. Brit. Sil. Brach. 1867, p. 109, t. 11, figs. 1—13; <i>M. tumida?</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 36.	Quadong, N. S. Wales.

Genus *Nucleospira*, Hall, 1859. (Pal. New York, III. p. 218².)
Clistenterata-Spiriferidae.

<i>N. Australis</i> , M'Coy (ms.).	U. Sil. (May Hill Sandstone).	Geol. Survey, Vict. $\frac{1}{2}$ sheet 3, N.E. note.	Bruce's Creek, nr. Mount Macedon, Vict.
------------------------------------	-------------------------------	---	---

Genus *Orthis*, Dalman, 1828. (Kongl. Vet. Acad. Handl. för år 1827, p. 96.)
Clistenterata-Strophomenidae.

<i>O. elegantula</i> , Dalman.		M'Coy, Annals Nat. Hist. 1867, xx. p. 201; Davidson, *Mon. Brit. Sil. Brach. p. 211, t. 27, figs. 1—9; M'Coy, Smyth's Progress Rept. 1874, p. 34.	
<i>O. canaliculata</i> , Lindström.		Davidson, *Mon. Brit. Sil. Brach. p. 218, t. 27, figs. 12 and 13; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 32.	Bell River, N. S. Wales.

Genus *Pentamerus*, J. Sowerby, 1813 (Min. Con. I. p. 73*) = *Gypidia*, Dalman.
Clistenterata-Pentameridae.

<i>P. Australis</i> , M'Coy (ms.).		Annals Nat. Hist. 1867, xx. p. 199; Bigsby, Thesaurus Sil., 1868, p. 110; M'Coy, Smyth's Progress Rept. 1874, p. 34.	
<i>P. Knightii</i> , J. Sow.	U. Sil. (Ludlow).	*Min. Con. 1813, I. p. 73, t. 28; Davidson, *Mon. Brit. Sil. Brachiopoda, p. 142, t. 16, figs. 1—3, t. 17, figs. 1—10, t. 19, f. 3; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 30.	Mount Canoboles, N. S. Wales.
<i>P. oblongus</i> , J. de C. Sow.	U. Sil. (Up. Llandov.).	*Silurian Syst. 1839, p. 641, t. 19, f. 10, Davidson, *Mon. Brit. Sil. Brach. p. 151, t. 18, figs. 1—12, t. 19, figs. 1 and 2; Wood's Geol. Obs. S. Austr. 1862, p. 20; Clarke, Remarks Sed. Form. N. S. Wales, 3rd ed. 1875, p. 10; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 31.	Duntroon, N. S. Wales; 30 m. S. of Adelaide, S. Australia.

¹ In truth proposed in 1859 (12th Report, State Cabinet, p. 78), but only described in 1860, as above.

² See also 12th Ann. Report N. Y. State Cab. Nat. Hist. 1859, p. 24.

(Brachiopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Porambonites , Pander, 1830. (Beiträge Geog. Russ. Reiches, p. 95; Davidson, Introduction, p. 99.)— <i>Clistenterata-Rhynchonellidae</i> .			
<i>P. deformatus</i> , Eichwald.	U. Sil.	<i>Terebratula</i> , *Zool. Spec. 1829, i. p. 275, t. 4, f. 8; <i>Porambonites</i> , * <i>Lethæa</i> Rossica, 1860, i. p. 796; <i>id.</i> M'Coy, in Couchman's Progress Report, 1877, iv. p. 155.	Chiltern, Vict.
Genus Retzia , King, 1850 (Permian Foss. p. 137)= <i>Spirigera</i> , D'Orbigny, 1849. <i>Clistenterata-Spiriferidae</i> .			
<i>R. mima</i> , Salter (ms.).	L. Sil.	Biggsby, Thesaurus Sil. 1868, p. 112.	Tasmania West.
<i>R. Salteri</i> , Davidson.	U. Sil. (Up. Llandov.).	<i>Terebratula</i> , *Bull. Soc. Géol. de France, 2nd ser. v. 1848, p. 331, t. 3, f. 31; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 34.	Yarralumla, N. S. Wales.
Genus Rhynchonella , Fischer, 1809 (Notice Foss. Gouv. Moscou, p. 35; Davidson, Introduction, p. 98)= <i>Hypothyris</i> , Phillips; <i>Hemithyris</i> , D'Orbigny. <i>Clistenterata-Rhynchonellidae</i> .			
<i>R. borealis</i> , Schlottheim.	U. Sil.	<i>Terebratula</i> , System. Verzeich. Pet. Samm. 1832, No. 88, p. 65; <i>R. diodontia</i> , Dalman, *Kongl. Vet. Acad. Handl. 1828, p. 142, t. 6, f. 4; <i>R. borealis</i> , Davidson, *Mon. Brit. Sil. Brach. p. 174, t. 22, figs. 9—12; <i>R. diodontia</i> , M'Coy, Geol. Survey, Vict. ¼ sheet 3, N.E. note; <i>id. ibid.</i> Annals Nat. Hist. 1867, xx. p. 199; <i>Rhynchonella</i> , Biggsby, Thesaurus Sil. 1868, p. 114; <i>Hemithyris diodontia</i> , M'Coy, Smyth's Progress Rept. 1874, p. 34.	Bruce's Creek, nr. Mount Macedon, Vict.
<i>R. subsphæroidalis</i> , M'Coy (ms.).		Geol. Survey, Vict. ¼ sheet 4, S.W. note.	Near the Bald Hill, Kilmore, Vict.
<i>Rhynch. Wilsoni</i> , J. Sowerby.	U. Sil.	<i>Terebratula</i> , *Min. Con. 1816, ii. p. 38, t. 118, f. 3; <i>Rhynchonella</i> , Davidson, Annals Nat. Hist. 1852, ix. pp. 250—53, t. 13; <i>id. ibid.</i> *Mon. Sil. Brach. 1867, pt. vii. No. 2, p. 167, t. 23, figs. 1—9; <i>id.</i> M'Coy, in Couchman's Progress Report, 1877, iv. p. 155.	Chiltern, Vict.
Genus Siphonotreta , De Verneuil, 1845. (Murchison's Geol. Russia, ii. p. 286.) <i>Tretenterata-Discinidae</i> .			
<i>S. micula</i> , M'Coy.	L. Sil.	*Brit. Pal. Foss. Fascic. 2, 1852, p. 188, t. 1 n, f. 3; Ex. Essay, 1861, p. 162; Annals Nat. Hist. 1862, ix. p. 139; <i>ibid.</i> 1867, xx. p. 201; Biggsby, Thesaurus Sil. 1868, p. 117; M'Coy, Smyth's Progress Rept. 1874, p. 33.	Deep Creek, Vict.

(Brachiopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Spirifera , J. Sowerby, 1816 ¹ (Min. Con. II. p. 41) = <i>Delthyris</i> , Dalman; <i>Brachythyris</i> , M'Coy; <i>Choristites</i> , Fischer; <i>Trigonotreta</i> , König. <i>Clistenterata-Spiriferidae</i> .			
<i>S. crispa</i> , Hisinger.	U. Sil. (Up. Llandov.).	<i>Terebratula</i> , *Kongl. Vet. Acad. Handl. för år 1826, t. 7, f. 4: <i>Spirifera</i> , Davidson, *Mon. Brit. Sil. Brach. p. 97, t. 10, figs. 13—15; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 35.	Rock-flat Creek, N. S. Wales.
<i>S. cyrtæna</i> , Dalman.		Vide <i>S. plicatella</i> , Linn.	
<i>S. plicatella</i> , Linn.	U. Sil.?	<i>Anomia</i> , Systema, 1758, 10th ed. p. 700; 1767, 12th ed. i. pt. 2, p. 1152; <i>Delthyris cyrtæna</i> , Dalman, *Kongl. Vet. Acad. Handl. 1828, p. 121, t. 3, f. 4; <i>Spirifera cyrtæna</i> , M'Coy, Geol. Survey, Vict. † sheet 4, S.W. note; <i>S. plicatella</i> , Davidson, *Mon. Brit. Sil. Brach. p. 84, t. 9, f. 12.	Kilmore Creek, Vict.

Genus **Strophomena** (Rafinesque, 1820?), Blainville, 1824. (Dict. Sc. Nat. xxxii. p. 302.) *Clistenterata-Strophomenidae*.

<i>S. compressa</i> , J. de C. Sow.	U. Sil. (Up. Llandov.).	<i>Orthis</i> , *Silurian Syst. 1839, p. 638, t. 22, f. 12; <i>Strophomena</i> , Davidson, *Brit. Sil. Brach. p. 315, t. 46, figs. 7—10; <i>Leptæna</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, p. 27.	Duntroon, N. S. Wales.
<i>S. depressa</i> , M'Coy.		Vide <i>S. rhomboidalis</i> , Wilckens.	
<i>S. filosa</i> , J. de C. Sow.	U. Sil. (Up. Llandov.).	<i>Orthis</i> , *Silurian Syst. 1839, p. 630, t. 13, f. 12; <i>Strophomena</i> , Davidson, *Mon. Brit. Sil. Brach. p. 307, t. 44, figs. 14—20; <i>S. filosa</i> ? de Kon. *Foss. Pal. Nouv.-Galles du Sud, p. 29.	Yass, N. S. Wales.
<i>S. pecten</i> , Linn.	U. Sil. (Up. Llandov.).	<i>Anomia</i> , Systema, 1767, 12th ed. i. pt. 2, p. 1152; <i>Strophomena</i> , Davidson, *Mon. Brit. Sil. Brach. p. 304, t. 43, figs. 1—11; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 28.	Yarralumla, N. S. Wales.
<i>S. rhomboidalis</i> , Wilckens.	U. Sil.	<i>Conchita</i> , Nach. v. Seltene Verst. 1769, p. 79, t. 8, figs. 43 A, 44 A; Davidson, *Mon. Brit. Sil. Brach. p. 281, t. 39, figs. 1—21; <i>Leptæna</i> (<i>Leptagonia</i>) <i>depressa</i> , M'Coy, *Brit. Pal. Foss. Fascic. 2, 1852, p. 248; <i>Leptagonia depressa</i> , <i>ibid.</i> Annals Nat. Hist. 1867, xx. p. 201; <i>id. ibid.</i> Smyth's Progress Rept. 1874, p. 34; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 28.	Rock-flat Creek, N. S. Wales.

¹ Agassiz says 1816 (*Nomenclator Zoologicus*, p. 84); Bronn says 1818 (*Index Pal.* p. 1172); Davidson says 1816 (*Introd. Brachiopoda*, p. 79).

(Brachiopoda—Pelecypoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Trematospira , Hall, 1859. (12th Ann. Report, State Cabinet New York, p. 27; Pal. New York, III. p. 207; <i>ibid.</i> 1867, Vol. IV. p. 271.)— <i>Clistenterata-Spiriferidae</i> .			
<i>T. formosa</i> , Hall.	U. Sil. (May Hill Sandstone).	<i>l. c.</i> p. 215, t. 36, figs. 2 <i>a</i> — <i>t</i> ; M'Coy, Geol. Survey, Vict. $\frac{1}{4}$ sheet 3, N.E. note.	Bruce's Creek, nr. Mount Macedon, Vict.
<i>T. lispleura</i> , M'Coy (? ms.).	" "	Geol. Survey, Vict. $\frac{1}{4}$ sheet 3, N.E. note.	" "

Section—Mollusca proper.

Class—Pelecypoda (= Lamellibranchiata or Conchifera).

Genus **Ctenodonta**, Salter, 1852. (Brit. Ass. Rept. for 1851, pt. 2, p. 64.)
Vide *Tellinomya*, Hall.

<i>C. amygdala</i> , Salter (ms.).	}	Vide <i>Tellinomya</i> , Hall.
<i>C. antipoda</i> , Salter (ms.).		

Genus **Cyrtodonta**, Billings, 1858 (Geol. Survey, Canada, Report for 1857, p. 179)
= *Cypricardites* (pars), Conrad, 1841; *Palæarca*, Hall, 1859; *Megalomus*, Hall, 1853.
Arcacea-Arcidae.

<i>C. auriculata</i> , Salter (ms.).	}	<i>Palæarca</i> , in Bigsby's Thesaurus Sil. 1868, p. 140.	Tasmania West.
<i>C. compressa</i> , "			
<i>C. distorta</i> , "			
<i>C. gibbosula</i> , "			
<i>C. inflata</i> , "			
<i>C. obliquata</i> , "			
<i>C. pinguis</i> , "	}	L. Sil.	
<i>C. reversa</i> , "			

Genus **Orthonota**, Conrad, 1841. (5th Annual Rept. Pal. N. York, p. 50.)
Lucinacea-Solemyidae.

<i>O. amygdalina</i> , J. de C. Sow.	U. Sil.	<i>Cypricardia</i> ? Murchison's *Sil. Syst. 1839, p. 609, t. 5, f. 2; <i>Leptodomus</i> , M'Coy, *Brit. Pal. Foss. p. 278; <i>Sanguinolites</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 223; <i>Leptodomus</i> , M'Coy, Geol. Survey, Vict. $\frac{1}{4}$ sheet 4, S.W. note.	Kilmore and Broadhurst Creeks, Vict.
<i>O. subrigida</i> , M'Coy (ms.).	U. Sil.	Geol. Survey, Vict. $\frac{1}{4}$ sheet 4, S.W. note.	" "

Genus **Palæarca**, Hall, 1859. (12th Ann. Report, State Cab. Nat. Hist. N. York, p. 9; Pal. N. York, 1859, III. pp. 271 and 523.) Vide *Cyrtodonta*, Billings.

<i>Palæarca auriculata</i> , Salter (ms.).	}	Vide <i>Cyrtodonta</i> , Billings.
<i>P. compressa</i> , <i>P. distorta</i> , <i>P. gibbosula</i> , <i>P. inflata</i> , <i>P. obliquata</i> , <i>P. pinguis</i> , <i>P. reversa</i> , Salter (ms.).		

(Pelecypoda—Gasteropoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Pterinea , Goldfuss, 1832. (Naturg. Atlases, Th. iv. p. 73; Petrefacta Germ. ii. p. 133.)— <i>Mytilacea-Aviculidæ</i> .			
<i>P. amplicata</i> , Phil- lips.	U. Sil. (Up. Llandov.).	<i>Avicula</i> , *Mems. Geol. Survey, 1858, i. pt. 1, p. 367, t. 23, f. 1; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 161; <i>Pterinea</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 1, p. 37.	Dangalong, N. S. Wales.
<i>P. pumila</i> , de Ko- ninck.	" "	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 1, p. 38; Atlas, t. 1, f. 7.	Yarralumla, N. S. Wales.

Genus **Tellinomya**, Hall, 1847 (Pal. N. York, i. p. 151) = *Ctenodonta*, Salter, 1852; non *Tellinomya*, L. Agassiz (= *Tellima*, Brown).—*Arcacea-Nuculidæ*?

<i>T. amygdala</i> , Salter (ms.).	L. Sil.	<i>Ctenodonta</i> , in Bigsby's Thesaurus Sil. 1868, p. 133.	Tasmania West.
<i>T. antipoda</i> , " "	" "	" " " "	" "

Class—Gasteropoda.

Genus **Bellerophon**¹, de Montfort, 1808. (Conch. Systématique, i. p. 51.)
Nucleobr.-Atlantiidæ.

<i>B. pugnus</i> , Salter (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 144.	Tasmania West.
<i>B. Jukesii</i> , de Ko- ninck.	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 42; Atlas, t. 4, f. 2.	Rock-flat Creek, N. S. Wales.

Genus **Euomphalus**², J. Sowerby, 1814. (Min. Con. i. p. 97).—*Prosobr.-Turbinidæ*.

<i>E. ?alatus</i> , Clarke.		S. Goldfields, 1860, p. 288 (?= <i>E. ?alatus</i> , Hisinger, Leth. Suec. t. 11, f. 2).	
<i>E. pleurophorus</i> , de Kon.	U. Sil. (Lud- low).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 40; Atlas, t. 1, f. 6.	Yass, N. S. Wales.
<i>E. sculptus</i> , J. de C. Sowerby.		*Silurian System, 1839, p. 626, t. 12, f. 17; <i>Sp. allied to</i> , M'Coy, Geol. Survey, Vict. $\frac{1}{2}$ sheet 4, S.W.	
<i>E. solarioides</i> , de Kon.	U. Sil. (Up. Llandov.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 39; Atlas, t. 1, f. 5.	Rock-flat Creek, N. S. Wales.

Genus **Eunema**, Salter, 1859. (Geol. Survey, Canada, Dec. i. pp. 24 and 29.)
Prosobr.-Litorinidæ.

<i>E. æmula</i> , Salter (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 152.	Tasmania West.
------------------------------------	---------	--------------------------------------	----------------

¹ Notice was first drawn to shells constituting this genus by Baron de Hupsch, but the generic name was bestowed by de Montfort.

² *Euomphalus* versus *Straparollus*. Some authors consider these genera as synonymous, but Meek and Worthen propose to separate them, sub-generically at least, as typified by *E. pentangulatus* and *S. Dionysii* respectively. (See their remarks, *Illinois Survey Report*, ii. p. 158.)

(Gasteropoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Helicotoma , <i>Salter</i> , 1859. (Geol. Survey, Canada, Dec. 1. pp. 10 and 13.) <i>Prosobr.-Ianthinidæ.</i>			
<i>H. Milligani</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 154.	Tasmania West.
<i>H. pusilla</i> , <i>Salter</i> (ms.).	L. Sil.	" " " "	" "
Genus Holopæa , <i>Hall</i> , 1847. (Pal. N. York, 1. p. 169.)— <i>Prosobr.-? Haliotidæ</i> or <i>Litorinidæ.</i>			
<i>H. Mumia</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 155.	Tasmania West.
Subgenus Hormotoma , <i>Salter</i> , 1859. (Geol. Survey, Canada, Dec. 1. pp. 18 and 22.) <i>Prosobr.-Pleurotomariidæ.</i>			
<i>H. nerineæ</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 156.	Tasmania West.
<i>H. usitata</i> , " "	"	" " " "	" "
Genus Murchisonia , <i>D'Archiac</i> and <i>De Verneuil</i> , 1841. (Bull. Soc. Géol. France, XII. p. 154.)— <i>Prosobr.-Pleurotomariidæ.</i>			
<i>M. Franklini</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 158.	Tasmania West.
<i>M. mimetica</i> , " "	"	" " " "	" "
Genus Omphalotrochus , <i>Meek</i> , 1864. (Geol. Survey Report, California, 1. Pal. p. 16.)— <i>Prosobr.-Turbinidæ.</i>			
<i>O. Clarkei</i> , <i>de Koninck</i> .	U. Sil. (Ludlow).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 41; Atlas, t. 1, f. 7.	Yass, N. S. Wales.
Genus Raphistoma , <i>Hall</i> ¹ , 1847. (Pal. N. York, 1. p. 28.)— <i>Prosobr.-Ianthinidæ.</i>			
<i>R. æterna</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 165.	Tasmania West.
Genus Scalites (<i>Conrad</i> ms.), <i>Emmons</i> , 1842. (Geol. N. York, pt. 2, p. 312 ² .) <i>Prosobr.-Ianthinidæ.</i>			
<i>S. Australis</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 165.	Tasmania West.
Genus Trochonema , <i>Salter</i> , 1859. (Geol. Survey, Canada, Dec. 1. pp. 24 and 27.) <i>Prosobr.-Litorinidæ.</i>			
<i>T. Bigsbyana</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, Thesaurus Sil. 1868, p. 166.	Tasmania West.

¹ According to *Salter* *Raphistoma*, *Hall*, *Helicotoma*, *Salt.*, and *Ophileta*, *Vanuxem*, are sub-genera of *Conrad's* genus *Scalites*.

² Figured (*S. angulatus*, *Con.* ms.) but not described.

(Pteropoda—Cephalopoda.)

(Silurian.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Class—Pteropoda. Section—Thecosomata.

Genus **Conularia** (Miller), *J. Sowerby*, 1820¹. (Min. Con. iii. p. 107.)—*Hyaleidæ*.

C. <i>Sowerbii</i> , <i>De-france</i> .	U. Sil. (Up. Llandov.).	Blainville, * <i>Man. de Malacol.</i> 1825, i. p. 378, Atlas, pl. 14, f. 2; de Verneuil and Keyserling, * <i>Geol. Russia</i> , Vol. II. Pl. p. 348, t. 24, f. 5; de Koninek, * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 43.	Rockflat Creek, N. S. Wales.
---	-------------------------	--	------------------------------

Genus **Tentaculites**, *Schlotheim*, 1820. (Petrefactenkunde, p. 377.)—*Hyaleidæ*.

T. <i>annulatus</i> , <i>Clarke</i> .		S. Goldfields, 1860, p. 286; (? <i>T. annulatus</i> , Schl. l. c. p. 377, t. 29, f. 8.)	
T. <i>ornatus</i> , <i>Clarke</i> .		S. Goldfields, 1860, p. 286; (? <i>T. ornatus</i> , Sow. * <i>Sil. Syst.</i> 1839, p. 628, t. 12, f. 35.)	
T. <i>tenuis</i> , <i>Clarke</i> .		l. c. p. 286; (? <i>T. tenuis</i> , Sow. * <i>Sil. Syst.</i> 1839, p. 613, t. 5, f. 33.)	

Class—Cephalopoda.

Genus **Lituites**, *Breynius*, 1732 (Dissert. de Polythal. pp. 12 and 25.)*Tetrabranch.-Nautilidæ*.

L. <i>Gouldii</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, <i>Thesaurus Sil.</i> 1868, p. 174.	Tasmania West.
--	---------	---	----------------

Genus **Orthoceras**, *Breynius*, 1732 (Dissert. de Polythal. pp. 12 and 28)= *Loxoceras*, M'Coy.—*Tetrabranch.-Orthoceratidæ*.

O. <i>antilope</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, <i>Thesaurus Sil.</i> 1868, p. 176.	Tasmania West.
O. <i>bullatum</i> , <i>J. de C. Sowerby</i> .	U. Sil. (Ludlow).	* <i>Silurian Syst.</i> 1839, p. 705, t. 5, f. 29; M'Coy, <i>Ex. Essay</i> , 1861, p. 162; <i>id.</i> <i>Annals Nat. Hist.</i> 1862, ix. p. 140; <i>id.</i> <i>ibid.</i> 1867, xx. p. 198; Bigsby, <i>Thesaurus Sil.</i> 1868, p. 176; M'Coy, <i>Smyth's Progress Rept.</i> 1874, p. 34.	Melbourne, <i>Vict.</i>
O. <i>Murchisoni</i> , <i>Salter</i> (ms.).	L. Sil.	Bigsby, <i>Thesaurus Sil.</i> 1868, p. 179.	Tasmania West.
O. <i>Theca</i> , <i>Salter</i> (ms.).	"	" " " p. 182.	" "
O. <i>Youngii</i> , <i>Salter</i> (ms.).	"	" " " "	" "
O. <i>ibex</i> , <i>J. de C. Sowerby</i> .	U. Sil. (Up. Llandov.).	* <i>Silurian Syst.</i> 1839, p. 613, t. 5, f. 30; <i>Salter</i> , <i>Murchison's Siluria</i> , 1867, 4th ed. t. 29, figs. 3 and 4; de Kon. * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 44.	Rockflat Creek, N. S. Wales.

¹ Bronn and Morris agree in assigning the date 1818 to this genus; Agassiz, on the other hand, says 1820; the latter is correct.

MIDDLE AND UPPER PALÆOZOIC.

(DEVONIAN AND CARBONIFEROUS.)

(Plantæ.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Kingdom—Plantæ. (Cryptogamia et Phanerogamia.)

Genus **Adiantites**, *Goppert*, 1836. (Syst. Sil. Foss. pp. 173 and 216; *Adiantides*, *Schimper*, *Traité de Pal. Vég.* 1869, i. p. 424.)—*Filices-Neuropteridæ*.

<i>A. eximius</i> , <i>Bunbury</i> (ms.).	U. Pal. (Carb. = L. Coal measures).	Clarke, <i>Remarks Sed. Form. N. S. Wales</i> , 3rd ed. 1875, p. 31.	N. S. Wales.
---	-------------------------------------	--	--------------

Genus **Alethopteris**, *Sternberg*, 1825. (*Flora du Monde Prim.* 1826, fas. 4, p. xxi.; *Schimper*, *Traité de Pal. Vég.* 1869, i. p. 554.)—*Filices-Pecopteridæ*.

<i>A. lonchitica</i> , <i>Brongniart</i> .	U. Pal. (Carb. = L. Coal measures).	<i>Pecopteris</i> , * <i>Hist. Végétaux Foss.</i> 1828, i. p. 275, t. 84, figs. 1—7; <i>A. lonchitidis</i> , <i>Sternberg</i> , * <i>Flora d. Vorwelt</i> , 1825, fas. 4, p. xxi.; <i>A. lonchitica</i> , <i>Schimper</i> , * <i>Traité Pal. Vég.</i> 1869, i. p. 554; <i>id.</i> <i>Clarke</i> , <i>Remarks Sed. Form. N. S. Wales</i> , 1875, 3rd ed. p. 31.	N. S. Wales.
--	-------------------------------------	--	--------------

Genus **Aneimites**, *Dawson*, 1861. (*Quart. Jour. Geol. Soc.* xvii. p. 5; *Foss. Plants Dev. and Sil. For. Canada*, 1871, p. 48; *Schimper*, *Traité de Pal. Vég.* 1874, iii. p. 489.)—*Filices-Neuropteridæ*.

<i>A. Iguanensis</i> , <i>McCoy</i> .	Mid. Pal. (U. Dev.=Iguana Creek beds).	<i>Smyth's Progress Report</i> , 1875, p. 73; <i>Couchman's ibid.</i> 1877, iv. pp. 155, 156.	Iguana Creek, Vict.
---------------------------------------	--	---	---------------------

Genus **Archæopteris**, *Dawson*, 1863. (*Canadian Nat.* viii. (!); *Foss. Plants Dev. and Up. Sil. For. Canada*, 1871, p. 48.)—*Filices-Neuropteridæ*.

<i>A. Howitti</i> , <i>McCoy</i> .	Mid. Pal. (U. Dev.=Iguana Creek beds).	<i>Smyth's Progress Report</i> , 1875, ii. p. 73; <i>ibid.</i> 1876, iii. p. 62; <i>Couchman's ibid.</i> 1877, pp. 155, 156; * <i>Geol. Survey, Vict.</i> Dec. iv. p. 21, t. 36, f. 1—2 a.	Iguana Creek, Vict.
------------------------------------	--	--	---------------------

Genus **Bornia**, *F. A. Roemer*, 1850. (*Palæontographica*, iii. p. 45; *Schimper*, *Traité de Pal. Vég.* i. p. 334.)—*Equisetaceæ*.

<i>B. radiata</i> , <i>Brongniart</i> .	U. Pal. (Carb. = Lr. Marine beds, and L. Coal measures).	<i>Calamites</i> , * <i>Hist. Vég. Foss.</i> 1828, i. p. 122, t. 26, f. 1 and 2; <i>Bornia</i> , <i>Schimper</i> , * <i>Traité Pal. Vég.</i> 1869, i. p. 335, t. 24, f. 1—10; de Koninck, <i>Foss. Pal. Nouv.-Galles d. Sud</i> , 1877, pt. 3, p. 142, t. 7, f. 1.	N. S. Wales.
---	--	--	--------------

(Plantæ.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Calamites , <i>Suckow</i> , 1794. (Acta Acad. Theod.-Palat. v. p. 355; Schimper, <i>Traité de Pal. Vég.</i> 1869, i. p. 292.)— <i>Equisetaceæ</i> .			
<i>C. varians</i> , <i>Sternberg</i> .	U.Pal.(Carb. =Lr. Marine beds and L.Coal measures).	Flora du Monde Prim. ii. p. 50, t. 12; Germar. * <i>Verstein. Steinkoh. Wettin. u. Löbejün.</i> p. 47, t. 20; de Koninck, <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 142. (? <i>C. approximatus</i> , Schimper, <i>Traité de Pal. Vég.</i> 1869, i. p. 314.)	N. S. Wales.
Genus Cordaïtes , <i>Unger</i> , 1850. (Gen. et Sp. Plantarum, 2nd ed. p. 277; Grand'Eury, <i>Flore Carbonif. Départ. de la Loire</i> , 1877, pt. 1, p. 208.) <i>Cycadaceæ</i> .			
<i>C. Australis</i> , <i>M'Coy</i> .	Mid. Pal. (U. Dev.=Iguana Creek beds).	Smyth's Progress Report, 1875, ii. p. 73; <i>ibid.</i> 1876, iii. p. 62; Couchman's <i>id.</i> 1877, iv. pp. 155, 156; * <i>Geol. Survey, Vict.</i> Dec. iv. 1876, p. 22, t. 36, f. 6 and 7.	Iguana Creek, Vict.
<i>C. sp. ind.</i>		Crepin, <i>Bull. l'Acad. R. Belgique</i> , 1875, xxxix. p. 265.	
Genus Glossopteris ¹ , <i>Brongniart</i> , 1828. (Prodrome, p. 54; <i>Histoire de Vég. Foss.</i> p. 222; Schimper, <i>Traité de Pal. Vég.</i> 1869, i. p. 644; Feistmantel, <i>Records, Geol. Survey India</i> , 1873, ix. pt. 3, p. 71.)— <i>Filices-Dictyopterideæ</i> .			
<i>G. Browniana</i> , <i>Brongniart</i> .	U.Pal.(Carb. =Lr. Coal measures, with Marine fauna).	Prodrome, 1828, p. 54; <i>G. Browniana</i> var. <i>Australasiaca</i> , * <i>Histoire</i> , 1828, i. p. 223, t. 62; <i>G. Browniana</i> , Morris, <i>Strzelecki's *Phys. Descrip. N. S. Wales</i> , 1845, p. 247, t. 6, f. 1; <i>id.</i> M'Coy, * <i>Annals Nat. Hist.</i> 1847, xx. p. 150; <i>id. ibid.</i> * <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 307; Dana, * <i>Geol. U.S. Expl. Expd.</i> p. 716; <i>Atlas</i> , t. 14, f. 12? and 13; Plews, <i>Mining Inst. Jour.</i> 1858, vi. pt. 3, pl. 3; Bunbury, <i>Quart. Jour. Geol. Soc.</i> 1860, xvii. p. 330, t. 9, f. 1—4; Göppert, * <i>Syst. Fil. Foss.</i> p. 364, t. 21, f. 9 and 10; Unger, <i>Gen. et Sp.</i> 1850, p. 169; Schimper, * <i>Traité de Pal. Vég.</i> 1869, i. p. 645; Carruthers, <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 354; M'Coy, <i>Smyth's Progress Report</i> , 1874, p. 24; <i>id.</i> <i>Geol. Survey, Vict.</i> Dec. i. 1874, p. 34; Clarke, <i>Remarks Sed. Forms N. S. Wales</i> , 1875, 3rd ed. pp. 19—36; <i>G. Browniana</i> , var. <i>Australasiaca</i> , Feistmantel, <i>Records, Geol. Survey, India</i> , 1876, ix. pt. 3, p. 72; <i>id. ibid. id.</i> ix. pt. 4, p. 124.	N. S. Wales.

¹ I am uncertain as to the number of species of *Glossopteris* found in the Carboniferous portion of the N. S. Wales coal-bearing rocks, but an enumeration of all the Australian species known to me will be found in the Secondary portion of the Catalogue (*post*).

(Plantæ.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Lepidodendron , <i>Sternberg</i> , 1820. (Flora du Monde Prim. fas. 1, p. 25, fas. 4, p. x.; Schimper, <i>Traité de Pal. Vég.</i> 1870, ii. p. 14.)— <i>Lycopodiaceæ</i> .			
<i>L. Australis</i> , <i>M'Coy</i> .	U.Pal.(Carb. = Avon R. Sandstones).	<i>L. sp. ind.</i> Exhib. Essay, 1861, p. 163; <i>id.</i> Selwyn, <i>Phys. Geogr. and Geol. Vict.</i> 1866, pp. 10 and 16; <i>id.</i> M'Coy, <i>Annals Nat. Hist.</i> 1862, ix. p. 141; <i>id. ibid.</i> 1867, xx. pp. 197 and 198; <i>Lep. Australis</i> , Smyth's <i>Progress Report</i> , 1874, p. 34; <i>L. (Bergeria)</i> M'Coy, * <i>Geol. Survey, Vict.</i> 1874, Dec. i. p. 37, t. 9.	Avon R. <i>Vict.</i>
<i>L. nothum</i> , <i>Unger</i> .	M.Pal.(Dev.) U.Pal.(Carb. = Lr. Marine beds).	* <i>Denksch. k. Akad. Wien</i> , 1856, xi. p. 175, t. 10, f. 4—8; Carruthers, * <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. pp. 350, 353, t. 26, f. 1—5, f. 7—14; Schimper, * <i>Traité de Pal. Vég.</i> 1870, ii. p. 31; Clarke, <i>Sed. Formations N. S. Wales</i> , 3rd ed. 1875, pp. 15 and 17. <i>Ulodendron Templeri</i> , Clarke, <i>Quart. Jour. Geol. Soc.</i> 1848, iv. p. 61.	Mount Wyatt; Ryedale, Mt. Lambie Range, <i>Qu.</i>
<i>L. rimosum</i> , <i>Sternberg</i> .	U.Pal.(Carb. = Lr. Marine beds).	Flora du Monde Prim. fas. 1, p. 25, t. 10, f. 1; Schimper, * <i>Traité de Pal. Vég.</i> 1870, ii. p. 33; Clarke, <i>Remarks Sed. Form. N. S. Wales</i> , 1875, 3rd ed. p. 17.	Rouchel River.
<i>L. Veltheimianum</i> , <i>Sternberg</i> .	U.Pal.(Carb. = Lr. Marine beds).	Flora du Monde Prim. fas. 4, 1825, p. xii. t. 52, f. 3; Schimper, * <i>Traité de Pal. Vég.</i> 1870, ii. p. 29; de Koninck, <i>Pal. Foss. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 142.	
<i>L. sp. ind.</i>	Upper Pal. (Carb.?).	Stutchbury, <i>Parl. Blue Book</i> , Dec. 1854, p. 20, out.	Oaky Creek, near Cobadah, <i>N. S. Wales</i> .

Genus **Leptophleum**, *Dawson*, 1862. (*Quart. Jour. Geol. Soc.* xviii. p. 316.)
Lycopodiaceæ.

<i>L. rhombicum</i> , <i>Dawson</i> .	M.Pal.(Dev.)	* <i>loc. cit.</i> p. 316, t. 12, f. 8; t. 17, f. 53; * <i>Foss. Plants, Dev. and Up. Sil. Form. Canada</i> , 1871, p. 36, t. 8, f. 88 and 89; Daintree, <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 289; Carruthers, * <i>ibid.</i> p. 353.	Mount Wyatt; Canoonah and Broken River, <i>Qu.</i>
---------------------------------------	--------------	--	--

Genus **Phyllothea**¹, *Brongniart*, 1828. (*Prodrome*, p. 151; Schimper, *Traité de Pal. Vég.* 1869, i. p. 288.)—*Equisetaceæ*?

<i>P. Hookeri</i> , <i>M'Coy</i> .	U.Pal.(Carb. = L. Coal measures).	* <i>Annals Nat. Hist.</i> 1847, xx. p. 157, t. 11, f. 4—7; <i>Proc. R. Soc. V. D. Land</i> , 1851; i. p. 313,	
------------------------------------	-----------------------------------	--	--

¹ For further species of this genus see the Secondary or Mesozoic portion of the Catalogue.

(Plantæ.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		t. 11, f. 4—7; Unger, Gen. et Sp. 1850, p. 73; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Clarke, S. Goldfields, 1860, p. 285; de Zigno, *Fl. Foss. Form. Ool. 1856—68, i. p. 59; Schimper, Traité de Pal. Vég. 1869, i. p. 289. (? <i>Calamites</i> or <i>Equisetum</i> , Feistmantel, Records, Geol. Survey, India, 1876, ix. pt. 3, p. 70.)	
Genus <i>Sphenopteris</i> , Brongniart, 1828. (Prodrome, p. 50; Hist. Vég. Foss. p. 169; Schimper, Traité Pal. Vég. i. 1869, p. 367.)— <i>Filices-Sphenopteridæ</i> .			
<i>S. Iguanensis</i> , M'Coy.		*Geol. Survey, Vict. Dec. iv. 1876, p. 22, t. 36, f. 3—5 a; Couchman's Progress Report, 1877, iv. p. 158.	Iguana Creek, Vict.
Genus <i>Syringodendron</i> , Sternberg, 1824. (Flora du Monde Prim. fas. 3, p. 28, fas. 4, p. xxiv.; Brongniart, Hist. Vég. Foss. 1828, p. 479.)— <i>Lycopodiaceæ</i> .			
<i>S. dichotomum</i> , Haughton.	U. Pal. (Carb. =Lr. Marine beds).	<i>Sigillaria</i> , Jour. Geol. Soc. Dublin, vi. p. 234; <i>Cyclostigma Kiltorkense</i> , Annals Nat. Hist. 1860, v. p. 444; <i>Syringo. dichotomum</i> , Carruthers, Quart. Jour. Geol. Soc. 1872, xxviii. p. 354; <i>id.</i> Clarke, Remarks Sed. Form. N. S. Wales, 1875, 3rd ed. p. 17.	Rouchel R.
Genus <i>Ulodendron</i> , Lindley and Hutton, 1831 (Fossil Flora, i. p. 22; Schimper, Traité de Pal. Vég. 1870, ii. p. 38)= <i>Bothrodendron</i> , L. and H., <i>Megaphyton</i> , Artis.— <i>Lycopodiaceæ</i> .			
<i>U. Templeri</i> , Clarke.		Vide <i>Lepidodendron nothum</i> , Unger.	

Notes: (a) *Lepidodendron*. This genus appears to have been found in Australia at an early date by the explorer Leichhardt, on the Manilla River, borders of Queensland, and by Stutchbury on the Storton River (*Parl. B. B.* Dec. 1854). The Rev. W. B. Clarke reports specimens of *Lepidodendron* from the Peel River; near Goonoogoonoo; to the W. of Bathurst, Wellington Valley; and Canoona on the Fitzroy or Mackenzie River. (*Quart. Jour. Geol. Soc.* xvii. p. 356; S. Goldfields, p. 285; also see Keene, "On the Coal Measures of N. S. Wales, with *Spirifer*, *Glossopteris*, and *Lepidodendron*," *Quart. Journ.* xxi. p. 187.)

(b) *Syringodendron*. Mr Carruthers observed in a collection of plants forwarded to the Geological Society of London by the Rev. W. B. Clarke, a fragment of a *Lepidodendroid* plant which he could not distinguish from *S. (Cyclostigma) Kiltorkense*. Haughton (*Quart. Jour.* xxviii. p. 354).

(c) *Sagenaria*. A fragment in the Daintree Collection appeared to indicate, to Mr Carruthers, a third species of *Lepidodendron*, allied to *S. (Lepidodendron) obovata*. Eichwald (*l.c.*).

(d) *Calamites*, *Stigmara*, &c. It is to be noted that the Rev. W. B. Clarke states that *Stigmara*, *Sigillaria*, *Halon* and *Calamites* are common in the Carboniferous rocks of N. S. Wales. (*Quart. Jour.* iv. p. 60.)

(e) *Coniferous Trees*. Trunks of *Conifera* were found by the same observer on the coast of N. S. Wales at Wanniarree in the same beds with *Spirifers* (*Quart. Jour.* iv. p. 60; see also Nicol, *Edinburgh New Phil. Jour.* 1832, iv. p. 153; Dana, *Geol. U.S. Exploring Exp.* p. 714).

(Rhizopoda—Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Kingdom—Animalia. Sub-kingdom—Protozoa. Class—Rhizopoda.

Genus *Archæocyathus*, Billings, 1861. (Geol. Survey, Canada, Pal. Foss. i. p. 3.)
Hexactinellidæ-Euretidæ.

A.? Clarkei, de Koninck.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 60, Atlas, t. 2, f. 1.	Yass, N. S. Wales.
-----------------------------	-------------------------	---	--------------------

Genus *Stromatopora*, Goldfuss, 1826 (see p. 3).

S. concentrica, Goldfuss.	Mid. Pal. (M. Dev.).	*Pet. Germaniæ, 1826, i. p. 22, t. 8, f. 5; Lonsdale, Silurian System, 1839, t. 15, f. 31; Phillips, *Pal. Foss. Devon. 1841, p. 18, t. 10, f. 28; M'Coy, *Brit. Pal. Foss. p. 65; id. Couchman's Progress Report, 1877, iv. p. 158.	Bindi, Vict.
------------------------------	-------------------------	---	--------------

Sub-kingdom—Cœlenterata. Class—Actinozoa.

Genus *Alveolites*, Lamarck, 1801 (see p. 10).—*Tabulata.*

A. Mackloti, Beyrich.	U. Pal. (Carb.)	Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 86, t. 2, f. 10 a and b.	Timor.
A. obscurus, de Koninck.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 77, Atlas, t. 1, f. 11.	Yass, N. S. Wales.
A. subæqualis, Ed- wards and Haime.	Mid. Pal. (L. Dev.).	*Polyp. Foss. Terr. Pal. p. 256, t. 17, f. 4; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 77.	Mowara, N. S. Wales.

Genus *Amplexus*, J. Sowerby, 1814¹ (Min. Con. i. p. 165) = *Cyathopsis*, D'Orbigny.
Rugosa.

A. arundinaceus, Lonsdale.	U. Pal. (Carb.)	*Strzelecki's Phys. Deser. N. S. Wales, 1845, p. 267, t. 8, f. 1; M'Coy, Annals Nat. Hist. 1847, xx. p. 228; Clarke, Quart. Jour. Geol. Soc. iv. p. 65; id. S. Goldfields, 1860, p. 285; Edw. and Haime, Polyp. Foss. Terr. Pal. p. 347; M. Edwards, Hist. Nat. Corall. 1860, p. 352; de Koninck, *Foss. Pal. Nouv.- Galles du Sud, 1877, pt. 3, p. 149.	Shoalhaven, Cur- radalla, N. S. Wales.
A. Selwyni, de Koninck.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 73, Atlas, t. 2, f. 2.	Yass, Quadong, N. S. Wales.

¹ Agassiz gives the date of this genus as 1812, with the same reference.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Axophyllum , <i>M. Edwards and Haime</i> , 1850. (Mon. Brit. Foss. Corals, Introd. p. lxxii.)— <i>Rugosa</i> .			
A.? <i>Thomsoni</i> , <i>de Koninck</i> .	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 143, t. 5, f. 3.	Jarvis Bay, and Cochocholo, N. S. Wales.
Genus Billingsia , <i>L. G. de Koninck</i> , 1876. (Foss. Pal. Nouv.-Galles du Sud, p. 75.) <i>Tabulata</i> .			
B. <i>alveolaris</i> , <i>de Koninck</i> .	Mid. Pal. (L. Dev.).	*l.c. p. 75, Atlas, t. 2, f. 4.	Yass, N. S. Wales.
Genus Calamopora , <i>Goldfuss</i> , 1826. (Petrefacta Germ. i. p. 77.) Vide <i>Favosites</i> .			
C. sp. ind. (<i>Beyrich</i>).		Vide <i>Favosites</i> .	
Genus Campophyllum , <i>Edwards and Haime</i> , 1850. (Mon. Brit. Foss. Corals, Introd. p. lxxviii.)— <i>Rugosa</i> .			
C. <i>flexuosum</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	<i>Cyathophyllum</i> , *Petrefacta, i. p. 57, t. 17, f. 3; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 70.	Quadong, N. S. Wales.
Genus Cladochonus , <i>M'Coy</i> , 1847 (Annals Nat. Hist. xx. p. 227) = <i>Jania</i> , <i>M'Coy</i> (non Lamx).— <i>Tubulosa</i> ¹ .			
C. <i>tenuicollis</i> , <i>M'Coy</i> .	U.Pal.(Carb.)	*loc. cit. p. 227, t. 11, f. 8; *Proc. R. Soc. V. D. Land, 1851, i. p. 314, t. 11, f. 9; <i>Young of Syringopora</i> , Edw. and Haime, Polyp. Foss. Terr. Pal. p. 296; <i>id. ibid.</i> Mon. Brit. Carb. Corals, 1852, p. 164; <i>Young Syringopora</i> , M. Edwards, Hist. Nat. Corall. 1860, III. p. 296; <i>Clad. tenuicollis</i> , de Koninck, Nouv. Rech. Terr. Carb. Belgique, 1872, p. 152, note 2; <i>id. ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 154, t. 7, f. 2.	Dunvegan and Burragood, N. S. Wales.
Genus Clisiophyllum , <i>Dana</i> , 1846. (Zoophytes, U. S. Explor. Exped. p. 361; Edwards and Haime, Mon. Brit. Foss. Corals, Introd. 1850, p. lxx. Edwards, Hist. Nat. Corall. 1860, III. p. 402.)— <i>Rugosa</i> .			
C. <i>Australe</i> , <i>Beyrich</i> .	U.Pal.(Carb.)	*Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 85, t. 2, f. 7 a and b, f. 8 a and b, f. 9; de Koninck, Mém. de Paléontologie, 1857—71, VIII. p. 78.	Timor.

¹ Messrs M. Edwards and J. Haime refer the genus *Cladochonus* to the order *Alcyonaria* (Mon. Brit. Foss. Corals, 1850, Introd. p. lxxiv.), but Prof. de Koninck places it in the *Tubulosa*.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Cœnites , <i>Eichwald</i> , 1829 (<i>Zoologia Spec. i.</i> p. 179; <i>Edw. and Haime</i> , <i>Polyp. Foss. Terr. Pal.</i> 1851, p. 301) = <i>Limaria</i> , <i>Stein.</i> — <i>Tabulata</i> .			
<i>C. expansus</i> , de <i>Koninck</i> .	Mid. Pal. (L. Dev.).	* <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 74, t. 2, f. 8.	Yass, N. S. Wales.
Genus Cyathaxonia , <i>Michelin</i> , 1846. (<i>Icon. Zooph.</i> pp. 253 and 258.)— <i>Rugosa</i> .			
<i>C. minuta</i> , de <i>Koninck</i> .	U. Pal. (Carb.).	* <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 153, t. 5, f. 10.	Burrageood, N. S. Wales.
Genus Cyathophyllum , <i>Goldfuss</i> , 1826 (see p. 11).— <i>Rugosa</i> .			
<i>C. Damnoniense</i> , <i>Lonsdale</i> .	Mid. Pal. (L. Dev.).	<i>Cystiphyllum</i> , <i>Trans. Geol. Soc.</i> 2nd ser. v. p. 703, t. 58, f. 11; <i>Cyathophyllum</i> , <i>Ed. and H. Mon. Brit. Dev. Corals</i> , 1853, p. 225, t. 50, f. 1; de <i>Koninck</i> , * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 72.	Yarralumla, N. S. Wales.
<i>C. helianthoides</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	* <i>Petrefacta</i> , i. p. 61, t. 20, f. 2; <i>Ed. and H. Mon. Brit. Dev. Corals</i> , 1853, p. 227, t. 51, f. 1; de <i>Kon.</i> * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 72.	Yass, N. S. Wales.
<i>C. inversum</i> , de <i>Koninck</i> .	Up. Pal.? (Carb.).	* <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 146, t. 5, f. 4.	Colocolo, N. S. Wales.
<i>C. Leichhardtii</i> , <i>Clarke</i> .		* <i>Leichhardt's Jour. Overland Exp. Aust.</i> 1847, p. 212.	Burdekin R. about Lat. 19° 58' 11" S, Qu.
<i>C. obtortum</i> , <i>Edw. and Haime</i> .	Mid. Pal. (L. Dev.).	* <i>Polyp. Foss. Terr. Pal.</i> p. 366; * <i>Mon. Brit. Dev. Corals</i> , 1853, p. 225, t. 49, f. 7; de <i>Kon.</i> * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 71.	Yass, N. S. Wales.
<i>C. vermiculare</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	* <i>Petrefacta</i> , i. p. 58, t. 17, f. 4; de <i>Kon.</i> * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 70.	Calalamine and Yarralumla, N. S. Wales.
<i>C.? sp. ind.</i>	U. Pal. (Carb.).	<i>Beyrich</i> , <i>Abhandl. K. Akad. Wissensch. Berlin</i> , 1865, xxxvi. p. 58, t. 2, f. 5 and 6.	Timor.
Genus Favosites , <i>Lamarck</i> , 1816 (see p. 11).— <i>Tabulata</i> .			
<i>F. alveolaris</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	<i>Calamapora</i> , * <i>Petrefacta</i> , i. p. 77, t. 26, f. 1; <i>Favosites</i> , <i>Edw. and Haime</i> , * <i>Polyp. Foss. Terr. Pal.</i> p. 234; de <i>Kon.</i> * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 79.	Calalamine, N. S. Wales.
<i>F. basaltica</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	<i>Calamapora</i> , * <i>Petrefacta</i> , i. p. 78, t. 26, f. 4; <i>Favosites</i> , <i>Edw. and Haime</i> , * <i>Polyp. Foss. Terr. Pal.</i> p. 236; de <i>Kon.</i> * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 78.	Calalamine, N. S. Wales.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Favosites fibrosa</i> , Goldfuss.	Mid. Pal. (L. Dev.).	<i>Calamapora</i> , *Petrefacta, i. p. 82, t. 28, f. 3 <i>a</i> and <i>b</i> ; <i>Favosites</i> , Edw. and H. *Mon. Brit. Dev. Corals, 1853, p. 217, t. 48, f. 3 <i>a</i> and <i>b</i> ; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 81.	Quandong, N. S. Wales.
<i>F. Goldfussii</i> , D'Orbigny.	Mid. Pal. (L. Dev.).	Prod. d. Pal. 1849, i. p. 107; <i>Favosites</i> , Edw. and H. *Polyp. Foss. Terr. Pal. 1851, p. 235, t. 20, f. 3; <i>id. ibid.</i> *Mon. Brit. Dev. Corals, 1853, p. 214, t. 47, f. 3 <i>a-c</i> ; <i>F. Gothlandica</i> ? Lonsdale, Strzelecki's Phys. Descr. N. S. Wales, 1845, p. 266; <i>F. Goldfussii</i> , Smyth, Progress Rept. 1876, iii. p. 63; <i>id. de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 78; <i>id. M. Edwards</i> , Hist. Nat. Corall. 1860, iii. p. 248; <i>F. Gothlandica</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 91; <i>F. Goldfussi</i> , M'Coy, Geol. Survey, Vict. Dec. iv. 1876, p. 15, t. 35, f. 1 <i>a-d</i> ; <i>id. Couchman's</i> Progress Rep. 1877, iv. pp. 16 and 158.	Yarralumla; Yass Plains, N. S. Wales. Buchan, Gippsland, Vict.
<i>F. ovata</i> , Lonsdale.	U. Pal. (Carb.)	<i>Stenopora</i> , Darwin's *Geol. Obs. Volc. Islands, 1844, p. 163; <i>id. Strzelecki's</i> *Phys. Descrip. N. S. Wales, 1845, p. 263, t. 8, f. 3 <i>a</i> and <i>b</i> ; <i>id. M'Coy</i> , Annals Nat. Hist. 1847, xx. p. 227; <i>Chaetetes</i> , Dana, *Geol. U. S. Expl. Expd. p. 712, Atlas, t. 11, f. 9; <i>Chaetetes</i> ? Edwards and Haime, Polyp. Foss. Terr. Pal. p. 273; <i>Monticulipora tumida</i> (pars), de Koninck, Nouv. Rech. Terr. Carb. Belgique, p. 143; <i>F. ovata</i> , <i>id.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 156, t. 3, f. 5; <i>Stenopora</i> , Darwin, *Geol. Observations, 2nd ed. 1876, p. 179.	Darlington, Harper's Hill, Glen William, and Burrageood, N. S. Wales; Mounts Wellington and Dromedary, Tas.
<i>F. polymorpha</i> , Goldfuss.	Mid. Pal. (L. Dev.).	<i>Calamapora</i> , *Petrefacta, i. p. 79, t. 27, figs. 2—5; <i>Favosites</i> , Edw. and Haime, *Polyp. Foss. Terr. Pal. p. 237; de Kon. *Foss. Pal. Nouv.-Galles d. Sud, 1876, p. 79.	Macleay R.
<i>F. reticulata</i> , Blainville.	Mid. Pal. (L. Dev.).	<i>Alveolites</i> , Dict. Sc. Nat. 1830, lx. p. 309; <i>Favosites</i> , Ed. and H. *Mon. Brit. Dev. Corals, 1853, p. 215, t. 48, f. 1 <i>a</i> and <i>b</i> ; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 80.	Yass, N. S. Wales.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>F.?</i> <i>sp. ind.</i>	U.Pal.(Carb.)	Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi, p. 86, t. 2, f. 10 <i>a</i> and <i>b</i> .	Timor.
Genus Fistulipora , <i>M'Coy</i> , 1849. (Annals Nat. Hist. iii. p. 130; Brit. Pal. Foss. 1851, p. 11.)— <i>Tabulata</i> .			
<i>F.?</i> <i>Mulleri</i> , <i>Beyrich</i> .	U.Pal.(Carb.)	<i>Heliolites</i> , Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi, p. 87, t. 2, f. 11 <i>a</i> — <i>c</i> .	Timor.
Genus Heliolites , <i>Dana</i> , 1846 (see p. 12).— <i>Tabulata</i> .			
<i>H. porosa</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.).	<i>Astrea</i> , *Petrefacta, i. p. 64, t. 21, f. 7; <i>Heliolites</i> , Edw. and H. *Mon. Brit. Dev. Corals, 1853, p. 212, t. 47, f. 1 <i>a</i> — <i>f</i> ; de Kon. *Foss. Pal.Nouv.-Galles du Sud, 1876, p. 81.	Nowara, N. S. Wales.
<i>H. Mulleri</i> , <i>Beyrich</i> .		Vide <i>Fistulipora</i> ? <i>Mulleri</i> .	
Genus Lithostrotion , <i>Lhwyd</i> , 1760. (Lith. Brit. Ichnograph. 2nd ed. p. 125; Edwards and Haime, Polyp. Foss. Terr. Pal. p. 432.)— <i>Rugosa</i> .			
<i>L. basaltiforme</i> , <i>Con. and Phill.</i>	U. Pal.(Carb.)	<i>Astrea</i> , Outlines Geol. England and Wales, 1822, pt. 1, p. 359; <i>Lithostrotion</i> , Edw. and Haime, *Mon. Brit. Carb. Corals, 1852, p. 190, t. 38, f. 3 <i>a</i> and <i>b</i> ; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 145, t. 5, f. 2.	Murrumbidgee R., N. S. Wales.
<i>L. irregulare</i> , <i>Phillips</i> .		<i>Lithodendron</i> , Geol. York, 1836, ii. p. 202, t. 2, f. 14 and 15; <i>Lithostrotion</i> , Edw. and Haime, *Mon. Brit. Carb. Corals, 1852, p. 198, t. 41, f. 1 <i>a</i> — <i>c</i> ; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 144, t. 5, f. 1.	Piper's Creek, N. S. Wales.
Genus Lophophyllum , <i>M. Edwards and J. Haime</i> , 1850. (Mon. Brit. Foss. Corals, Introd. p. lxi.)— <i>Rugosa</i> .			
<i>L. corniculum</i> , <i>de Koninck</i> .	U. Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 148, t. 5, f. 6.	Colocolo, N. S. Wales.
<i>L. minutum</i> , <i>de Kon.</i>	U. Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 147, t. 5, f. 5.	Burrageood, N. S. Wales.
Genus Lonsdaleia , <i>M'Coy</i> , 1849 (Annals Nat. Hist. iii. p. 11) = <i>Strombodes</i> , <i>M'Coy</i> (non Schweig.); <i>Lithostrotion</i> , <i>Lonsdale</i> (non <i>Lhwyd</i>).— <i>Rugosa</i> .			
<i>L. Australis</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	<i>Strombodes</i> , *Annals Nat. Hist. 1847, xx. p. 227, t. 11, f. 9; <i>id.</i> *Proc. E. Soc. V. D. Land, 1851, i. p. 314, t. 11, f. 9.	Dunvegan, N. S. Wales.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Phillipsastrea</i> , D'Orbigny, 1849. (Prod. d. Pal. p. 107.) ¹ — <i>Rugosa</i> .			
<i>P. Verneuilii</i> , Edw. and Haime.	Mid. Pal. (L. Dev.).	*Polyp. Foss. Terr. Pal. p. 447, t. 10, f. 5; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 69.	Cope's Gully, near Hanging Rock, N. S. Wales.
Genus <i>Stenopora</i> , Lonsdale, 1844 ² . (Darwin's Geol. Obs. Volc. Islands, p. 161 note.) <i>Tabulata</i> .			
<i>S. crinita</i> , Lonsdale.	U.Pal. (Carb.)	Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 265, t. 8, f. 5; M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>id.</i> Proc. R. Soc. V. D. Land, 1851, i. p. 313; <i>Chætetes</i> , Dana, *Geol. U. S. Expl. Expd. p. 711, Atlas, t. 11, f. 7; <i>id.</i> Edw. and Haime, Polyp. Foss. Terr. Pal. p. 273; <i>id.</i> Edwards, Hist. Nat. Corall. 1860, iii. p. 272; <i>id.</i> Clarke, S. Goldfields, 1860, p. 285; <i>Stenopora</i> , Grange, Dumont d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 89.	Illawara, Wollongong, Harper's Hill, Darlington, N. S. Wales.
<i>S. gracilis</i> , Dana.	U.Pal. (Carb.)	<i>Chætetes</i> , *Geol. U. S. Expl. Expd. p. 712, Atlas, t. 11, f. 10.	Illawara and Wollongong, N. S. Wales.
<i>S. informis</i> , Lonsdale.	U.Pal. (Carb.)	Strzelecki's *Phys. Descrip. V. D. Land, 1845, p. 264, t. 8, f. 4; <i>Chætetes</i> ? Edw. and Haime, Polyp. Foss. Terr. Pal. p. 274; <i>Stenopora</i> , Grange, Dumont d'Urville's Voy. au Pole Sud, Géologie, 1854, ii. p. 96.	Spring Hill, Tas.
<i>S. ovata</i> , Lonsdale.	U.Pal. (Carb.)	Vide <i>Favosites</i> .	
<i>S. Tasmaniensis</i> , Lonsdale.		Darwin's *Geol. Obs. Volc. Islands, 1844, p. 161; Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 262, t. 8, f. 2; <i>Chætetes</i> , Dana, *Geol. U. S. Expl. Expd. p. 711, Atlas, t. 11, f. 7; <i>Stenopora</i> , Grange, Dumont d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 93, 94, 95; <i>id.</i> Clarke, S. Goldfields, 1860, p. 285; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>Chætetes</i> , Edw. and Haime, Polyp. Foss. Terr. Pal. p. 274; <i>Monticulipora tumida</i> (pars), de Koninck, Nouv. Rech. Anim. Foss. Terr. Carb. Belgique, p. 143; <i>Stenopora</i> (? <i>Thamnopora</i>), Darwin, *Geol. Observations, 2nd ed. 1876, p. 178.	Darlington and Harper's Hill, N. S. Wales. Mounts Dromedary and Wellington, Norfolk Plains, Tas.

¹ Edwards and Haime give the original reference as "Note sur des Polyptiers Fossiles, 1840, p. 12."² Placed as a synonym of *Chætetes* by Edw. and Haime (Polyp. Foss. p. 261). It remains to be proved how many of the succeeding forms are, like *S. ovata*, species of the genus *Favosites*.

(Actinozoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Strombodes , <i>M'Coy</i> (non Schweig.), 1849. (Annals Nat. Hist. iii. p. 10.) Vide <i>Lonsdaleia</i> .			
<i>S. Australis</i> , <i>M'Coy</i> .		[Vide <i>Lonsdaleia Australis</i> .	
Genus Syringopora , <i>Goldfuss</i> , 1826 (see p. 14).— <i>Tabulata</i> .			
<i>S. auloporoides</i> , de <i>Koninck</i> .	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 76, Atlas, t. 3, f. 1.	Moara Creek, near Tamworth, N. S. Wales.
<i>S. ramulosa</i> , <i>Goldfuss</i> .	U. Pal. (Carb.)	*Petref. Germ. 1826, i. p. 76, t. 25, f. 7; Edwards and Haime, *Mon. Brit. Carb. Corals, 1852, p. 161, t. 46, f. 3 a—c; de Koninck, *Nouv. Rech. Anim. Foss. Terr. Carb. Belgique, 1872, p. 126, t. 12, f. 2; <i>id.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 156, t. 7, f. 4.	Burrageood, N. S. Wales.
<i>S. reticulata</i> , <i>Goldfuss</i> .	U. Pal. (Carb.)	*Petref. Germ. 1826, i. p. 76, t. 25, f. 8; Edw. and Haime, *Mon. Brit. Carb. Corals, 1852, p. 162, t. 46, f. 1; de Koninck, *Nouv. Rech. Anim. Foss. Terr. Carb. Belgique, 1872, p. 123, t. 11, f. 7 and t. 12, f. 1; <i>id.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 155, t. 7, f. 3.	Raymond Terrace, N. S. Wales.
Genus Verticillopora , <i>DeFrance</i> , 1829. (Dict. Sci. Nat. LVIII. p. 5.)			
<i>V. spongioides</i> , <i>Clarke</i> (ms.).		S. Goldfields, 1860, p. 285.	
Genus Zaphrentis , <i>Rafinesque</i> and <i>Clifford</i> , 1820. (Ann. Sci. Phys. de Bruxelles, v. p. 234.) <i>Rugosa</i> .			
<i>Z. Cainodon</i> , de <i>Koninck</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 151, t. 5, f. 8.	Burrageood, N. S. Wales.
<i>Z. Gregoryana</i> , de <i>Koninck</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 150, t. 5, f. 7.	Jarvis Bay, and Coloccolo, N. S. Wales.
<i>Z. Phillipsi</i> , <i>Edw. and Haime</i> .	U. Pal. (Carb.)	*Polyp. Foss. Terr. Pal. p. 232, t. 5, f. 1; *Mon. Brit. Carb. Corals, 1852, p. 168, t. 34, f. 2; de Koninck, *Nouv. Rech. Anim. Foss. Terr. Carb. Belgique, 1872, p. 96, t. 10, f. 2; <i>Z. Phillipsi</i> ? <i>id.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 149.	Coloccolo, N. S. Wales.
<i>Z. robusta</i> , de <i>Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 152, t. 5, f. 9.	Burrageood, N. S. Wales.
<i>Z. ? sp. ind.</i>	U. Pal. (Carb.)	Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxv. p. 85, t. 2, f. 4.	Timor.

(Echinodermata.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Sub-kingdom—Annuloida. Class—Echinodermata.

Genus **Actinocrinus**, Miller, 1821. (Nat. Hist. Crinoidea, p. 94; de Koninck and le Hon. Rech. Crinoïdes Terr. Carb. Belgique, 1854, p. 123.)
Crinoidea-Actinocrinidae.

<i>A. polydactylus</i> , Miller.	U.Pal. (Carb.)	* <i>loc. cit.</i> p. 103, t. 1, f. 1 and 2 (fig. cœt. exclusis); de Kon. and le Hon. *Crinoïdes, Terr. Carb. Belgique, p. 134, t. 4, f. 2; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 160, t. 6, f. 3.	Glen William, N.S. Wales.
-------------------------------------	----------------	---	------------------------------

Genus **Cyathocrinus**, Miller, 1821. (Nat. Hist. Crinoidea, p. 85; de Koninck and le Hon. Rech. Crinoïdes Terr. Carb. Belgique, 1854, p. 79.)
Crinoidea-Cyathocrinidae.

<i>C. Konincki</i> , W. B. Clarke.	U.Pal. (Carb.)	? <i>Pentadia corona</i> , Dana, *Geol. U. S. Expl. Expd. p. 713, Atlas, t. 10, f. 10; <i>Cyathocrinus Konincki</i> , Clarke, ms.; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 164, t. 6, f. 4.	Osterley, Hunter River, N. S. Wales.
------------------------------------	----------------	---	--------------------------------------

Genus **Hypocrinus**, Beyrich, 1862. (Zeit. Deuts. Geol. Gesellsch. xrv. p. 537.)
Crinoidea.

<i>H. Schneideri</i> , Beyrich.	U.Pal. (Carb.)	<i>loc. cit.</i> p. 537; Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 83, t. 2, f. 16 a—c.	Timor.
---------------------------------	----------------	--	--------

? Genus **Pentadia**, Dana, 1847. (American Jour. Sc. iv. p. 152.)

<i>P. corona</i> , Dana.	U.Pal. (Carb.)	<i>loc. cit.</i> p. 152; <i>P. reniformis</i> , <i>P. spatangus</i> and <i>P. trigona</i> , Dana, <i>id.</i> p. 152; <i>P. corona</i> , *Geol. U. S. Expl. Expd. p. 713, Atlas, t. 10, f. 11 and 12.	Illawara, N. S. Wales.
--------------------------	----------------	--	------------------------

Genus **Platycrinus**, Miller, 1821. (Nat. Hist. Crinoidea, p. 74; de Koninck and le Hon. Rech. Crinoïdes Terr. Carb. Belgique, 1854, p. 155.)
Crinoidea-Platycrinidae.

<i>P. sp. ind.</i>	U.Pal. (Carb.)	<i>Sp. allied to P. levis</i> (Miller), de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 160, t. 6, f. 6.	Glen William and Burrageood, N. S. Wales.
--------------------	----------------	---	---

Genus **Palæaster**, Hall, 1852 (see p. 14).—*Asteroidea.*

<i>P. Clarkei</i> , de Koninck.	U.Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 166, t. 7, f. 6.	Russell's Shaft, W. Maitland District, N. S. Wales.
---------------------------------	----------------	---	---

(Echinodermata.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Poteriocrinus , Miller, 1821. (Nat. Hist. Crinoidea, p. 67, de Koninck and le Hon. Rech. Crinoïdes Terr. Carb. Belgique, 1854, p. 84.) <i>Crinoidea-Cyathocrinidae.</i>			
<i>P. sp. ind. (1).</i>	U.Pal. (Carb.)	<i>Sp. allied to P. tenuis</i> (Miller), de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 159, t. 6, f. 7.	Burrageood, N. S. Wales.
<i>P. sp. ind. (2).</i>	U.Pal. (Carb.)	<i>Sp. allied to P. radiatus</i> (Austin), de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 159, t. 6, f. 2.	Burrageood, N. S. Wales.

Genus **Synbathocrinus**, J. Phillips, 1836. (Geol. York, II. p. 206; Hall, Iowa Geol. Report, 1858, I. pt. 2, p. 559; Meek and Worthen, Illinois Geol. Report, 1873, v. p. 324.)
Crinoidea.

<i>S. ogivalis</i> , de Koninck.	U.Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 158, t. 6, f. 1.	Burrageood, N. S. Wales.
----------------------------------	----------------	---	--------------------------

Genus **Tribrachyocrinus**, M'Coy, 1847. (Annals Nat. Hist. xx. p. 228.)
Crinoidea-Cyathocrinidae.

<i>T. Clarkei</i> , M'Coy.	U.Pal. (Carb.)	* <i>l. c.</i> p. 228, t. 12, f. 2; *Proc. Roy. Soc. V. D. Land, 1851, I. p. 315, t. 12, f. 2; Clarke, S. Goldfields, 1860, p. 286; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 161, t. 6, f. 5.	Darlington and Raymond Terrace, N. S. Wales.
----------------------------	----------------	---	--

Sub-kingdom—Annulosa. Class—Crustacea.

Genus **Bairdia**, M'Coy, 1844. (Synopsis Carb. Foss. Ireland, p. 164; Brady, Trans. Zool. Soc. 1865, v. p. 363.)—*Ostracoda-Cypridae.*

<i>B. affinis</i> , Morris.	U.Pal. (Carb.)	*Strzelecki's Phys. Descr. N. S. Wales, 1845, p. 291, t. 18, f. 10.	Booral, N. S. Wales.
<i>B. curta</i> , M'Coy.	U.Pal. (Carb.)	*Synopsis Carb. Foss. Ireland, 1844, p. 164, t. 23, f. 6; Annals Nat. Hist. 1847, xx. p. 229; Proc. R. Soc. V. D. Land, 1851, I. p. 316.	Dunvegan, N. S. Wales.

Genus **Brachymetopus**, M'Coy, 1847. (Annals Nat. Hist. xx. p. 229.)—*Trilobita.*

<i>B. Strzeleckii</i> , M'Coy.	U.Pal. (Carb.)	* <i>l. c.</i> p. 231, t. 12, f. 1; *Proc. R. Soc. V. D. Land, 1851, I. p. 317, t. 12, f. 1; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; v. Moeller, Bull. Soc. Imp. Nat. Moscou, 1867, XL pt. 1, p. 190; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 352, t. 24, f. 10.	Dunvegan; Burrageood; Glen William, N. S. Wales.
--------------------------------	----------------	--	--

(Crustacea.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Cythere</i> , O. F. Müller, 1785. (Entom. seu Insecta Test. pp. 34 and 63.) <i>Ostracoda-Cytheridæ</i> .			
<i>C. impressa</i> , M'Coy.	U.Pal.(Carb.)	*Synopsis, Carb. Foss. Ireland, 1844, p. 166, t. 23, f. 16; Annals Nat. Hist. 1847, xx. p. 229; Proc. R. Soc. V. D. Land, 1851, i. p. 316.	Dunvegan, N. S. Wales.
Genus <i>Entomis</i> , Jones, 1861 (see p. 16).			
<i>E. Jonesi</i> , de Koninck.	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 347, t. 24, f. 6.	Muree, N. S. Wales.
Genus <i>Griffithides</i> , Portlock, 1843. (Geol. Rept. Lond. p. 310.)— <i>Trilobita</i> .			
<i>G. dubius</i> , Etheridge.	U.Pal.(Carb.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 338, t. 18, f. 7.	Don River, Qu.
<i>G. Eichwaldi</i> , Fischer.	U.Pal.(Carb.)	<i>Asaphus</i> , in Eichwald's 'Geogn. Zool. per Ingriam marisque Balt. 1825, p. 54, t. 4, f. 4; <i>Phillipsia</i> , v. Moeller, Bull. Soc. Imp. Nat. Moscou, 1867, xl. pt. 1, p. 187; <i>Griffithides</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 350, t. 24, f. 8 (for synonymy).	Upper William R. N. S. Wales.
Genus <i>Phillipsia</i> , Portlock, 1843 ¹ . (Geol. Report, Londonderry, p. 305.)— <i>Trilobita</i> .			
<i>P. ?parvula</i> , Beyrich.	U.Pal.(Carb.)	*Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 87, t. 2, f. 17 a and b.	Timor.
<i>P. seminiifera</i> , Phillips.	U.Pal.(Carb.)	<i>Asaphus</i> , *Geol. York, 1836, ii. p. 240, t. 22, f. 8—10; <i>Phillipsia</i> , M'Coy, *Brit. Pal. Foss. p. 183; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 114; <i>id.</i> v. Moeller, Bull. Soc. Imp. Nat. Moscou, 1867, xl. pt. 1, p. 159; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 348, t. 24, f. 9 (for synonymy); ? = <i>Sp.</i> near <i>P. gemmulifera</i> (Phill.), M'Coy, Annals Nat. Hist. 1847, xx. p. 231.	Colocolo, N. S. Wales.
Genus <i>Polycope</i> , G. O. Sars, 1865. (Forhandl. Vid.-Sels, Christiania, aar 1865, p. 121.) <i>Ostracoda-Polycopidæ</i> .			
<i>P. simplex</i> , Jones and Kirkby.	U.Pal.(Carb.)	*Mon. Brit. Carb. Entoms. 1874, p. 54, t. 2, f. 1 a—c, f. 10 and 12, t. 5, f. 1; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 346, t. 17, f. 5.	Muree, N. S. Wales.

¹ Prof. M'Coy mentions a species of *Phillipsia*, resembling *P. gemmulifera*, Phil., as occurring in N. S. Wales.

(Polyzoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Sub-kingdom—Mollusca. Section—Molluscoida. Class—Polyzoa.</i>			
Genus Dendricopora , <i>de Koninck</i> , 1877. (Rech. Foss. Pal. Nouv.-Galles du Sud, pt. 3, p. 169.)— <i>Cyclostomata-Fenestellidæ</i> ?			
D. Hardyi, <i>de Kon.</i>	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 170, t. 8, f. 1.	Burrageood, N. S. Wales.
Genus Fenestella (<i>Miller</i> , ms.), <i>Lonsdale</i> , 1839 ¹ . (Sil. Syst. p. 677; restricted, King, Permian Foss. Eng. 1850, p. 35.)— <i>Cyclostomata-Fenestellidæ</i> .			
F. ampla, <i>Lonsdale</i> .		Vide <i>Protoretepora</i> .	
F. antiqua, <i>Lonsdale</i> .		Vide <i>Protoretepora</i> .	
F. densa, <i>Etheridge</i> (ms.).		Vide <i>F. plebeia</i> , M'Coy.	
F. fossula, <i>Lonsdale</i> .		Vide <i>F. plebeia</i> , M'Coy.	
F. gracilis, <i>Dana</i> .	U.Pal.(Carb.)	*Geol. U. S. Expl. Expd. p. 711, t. 11, f. 4; <i>F. gracilis</i> ?, <i>de Kon.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 177.	Glendon and Burrageood, N. S. Wales.
F. internata, <i>Lonsdale</i> .	U.Pal.(Carb.)	Darwin's *Geol. Obs. Volc. Islands, 1844, p. 165; Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 269, t. 9, f. 2 a and b; M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>Dana</i> , *Geol. U. S. Expl. Expd. p. 710, t. 10, f. 13; ? <i>F. media</i> , <i>Dana</i> , loc. cit. p. 710, t. 10, f. 14; <i>F. internata</i> , Grange, in Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 84, 87, 94, 95; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>id.</i> Darwin, *Geol. Obs. Volc. Islands, 1876, 2nd ed. p. 181; <i>id.</i> Tenison-Woods, *Monthly Notices, R. Soc. Tas. 1875-76, p. 49; <i>id.</i> <i>de Kon.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 176.	Glendon, Harper's Hill, Raymond Terrace, Bell's Creek and Darlington, N. S. Wales.
F. media, <i>Dana</i> .		? Vide <i>F. internata</i> , <i>Lonsdale</i> .	
F. Morrisii, M'Coy.	U.Pal.(Carb.)	*Synop. Carb. Foss. Ireland, 1844, p. 202, t. 28, f. 14; <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 176.	Burrageood, N. S. Wales.
F. multiporata, M'Coy.	U.Pal.(Carb.)	*Synop. Carb. Foss. Ireland, 1844, p. 203, t. 28, f. 9; <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 175, t. 8, f. 4.	Burrageood, N. S. Wales.
F. plebeia, M'Coy.	U.Pal.(Carb.)	*Synop. Carb. Foss. Ireland, 1844, p. 203, t. 29, f. 3; <i>F. fossula</i> , <i>Lonsdale</i> , Darwin's *Geol. Obs. Volc. Islands, 1844, p. 166; <i>id.</i> <i>ibid.</i> Strzelecki's *Phys. Descr. N. S. Wales, 1845,	Glendon, Harper's Hill, Muree, Korinda, and Glen William, N. S. Wales; Mt Wellington

¹ Compare *Retihornera*, Kirkenpaur.

(Polyzoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		p. 269, t. 9, f. 1; <i>id.</i> et <i>F. plebeia</i> ? M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>F. fossula</i> , Dana, *Geol. U. S. Expl. Expd. p. 710, Atlas, t. 11, f. 3; <i>id.</i> et <i>F. plebeia</i> , Clarke, S. Goldfields, 1860, p. 286; <i>F. fossula</i> et <i>F. densa</i> , Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 332, t. 25, f. 1; <i>F. fossula</i> , Etheridge jun., *Trans. R. Soc. Vict. 1876, xii. p. 67; <i>id.</i> Darwin, *Geol. Obs. Volc. Islands, 1876, 2nd ed. p. 183; <i>id.</i> et var. <i>densa</i> , Tenison-Woods, *Monthly Notices R. Soc. Tas. 1875-76, p. 49; <i>F. plebeia</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 171, t. 8, f. 2 (for synonym.); <i>F. fossula</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 87, 95.	and St Patrick's Plains, &c. Tas.; Gympie and Rockhampton, Qu.
<i>F. propinqua</i> , de Koninek.	U. Pal. (Carb.)	<i>F. ampla</i> , Dana, *Geol. U. S. Expl. Expd. p. 710, t. 11, f. 2 (fig. 1, excl., and non Lonsdale); <i>F. propinqua</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 174, t. 8, f. 3.	Glendon and Glen William, N. S. Wales.
<i>F. undulata</i> , Phillips.	U. Pal. (Carb.)	<i>Retepora</i> , *Geol. York. 1836, ii. p. 199, t. 1, f. 16—18; <i>Fenestella</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 204; <i>id.</i> Annals Nat. Hist. 1847, xx. p. 226.	Dunvegan, N. S. Wales.
<i>F. sp. ind.</i>		Etheridge jun., Trans. R. Soc. Vict. 1876, xii. p. 68, f. 2.	Gympie, Qu.
<i>F. sp. ind.</i>		<i>Sp. near F. antiqua</i> (Lonsdale), M'Coy, Annals Nat. Hist. 1847, xx. p. 226.	Korinda, N. S. Wales.
Genus <i>Glaucanome</i> (pars, Goldfuss), Lonsdale, 1839 (Sil. Syst. p. 677; Etheridge jun., Annals Nat. Hist. 1877) = <i>Acanthocladia</i> , King, 1849, <i>Penniretepora</i> , d'Orb. 1849. <i>Cyclostomata-Thamniscidæ</i> .			
<i>G. bipinnata</i> , Phillips.	Mid. Pal. (Dev. ?)	*Pal. Foss. Devon. 1841, p. 21, t. 11, f. 33; M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 199; Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 124; Stutchbury, Parl. Blue Book, Dec. 1854, p. 19.	Pallal, nr. Bengera, N. S. Wales.
<i>G. grandis</i> , M'Coy.	U. Pal. (Carb.)	*Synop. Carb. Foss. Ireland, 1844, p. 199, t. 28, f. 3; <i>Penniretepora</i> , d'Orbigny, Prod. de Pal. 1849, i. p. 153; <i>Acanthocladia</i> , King, Prom. Fossils Engl. 1850, p.	Burrageood, N. S. Wales.

(Polyzoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>G. pluma</i> , Phillips.	U. Pal. (Carb.)	47; <i>Penniretepora</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 168, t. 5, f. 11. <i>Retepora</i> , *Geol. York. 1836, ii. p. 199, t. 1, f. 13—15; <i>Glaucanome</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 199; <i>id.</i> ? <i>ibid.</i> Annals Nat. Hist. 1847, xx. p. 226; <i>Acanthocladia</i> , King, Perm. Foss. Engl. 1850, p. 47; <i>Glaucanome</i> , Clarke, S. Goldfields, 1860, p. 286.	Dunvegan, N. S. Wales.

Genus *Hemitrypa*, J. Phillips, 1841. (Pal. Foss. Devon. p. 21.)
Cyclostomata-Fenestellidæ.

<i>H. sexangulata</i> , Lonsdale.	U. Pal. (Carb.)	Darwin's *Geol. Obs. Volc. Islands, 1844, p. 167; Strzelecki's *Phys. Descr. N.S. Wales, 1845, p. 269, t. 9, f. 4; Darwin, *loc. cit. 2nd ed. 1876, p. 183.	Mount Wellington, Tas.
-----------------------------------	-----------------	---	------------------------

Genus *Polypora*, M'Coy, 1844. (Synop. Carb. Foss. Ireland, p. 206.)
Cyclostomata-Fenestellidæ.

<i>P. papillata</i> , M'Coy.	U. Pal. (Carb.)	*loc. cit. p. 206, t. 29, f. 10; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 183, t. 7, f. 7.	Buclean, N. S. Wales.
------------------------------	-----------------	--	-----------------------

Genus *Protoretepora*, de Koninck, 1877. (Foss. Pal. Nouv.-Galles du Sud, pt. 3, p. 178.)—*Cyclostomata-Elasmoporidæ?*

<i>P. ampla</i> , Lonsdale.	U. Pal. (Carb.)	<i>Fenestella</i> , Darwin's *Geol. Obs. Volc. Islands, 1844, p. 163; <i>id.</i> Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 268, t. 9, f. 3 a—d; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>id.</i> Dana, *Geol. U. S. Expl. Expd. p. 710, t. 11, f. 2; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>Polypora</i> ? Etheridge jun., *Trans. R. Soc. Vict. 1876, xii. p. 66, f. 1; <i>Fenestella</i> , Tenison-Woods, *Monthly Notices R. Soc. Tas. 1875—76, p. 48; <i>Protoretepora</i> , de Kon. *loc. cit. p. 180, t. 8, f. 4; <i>Fenestella</i> , Darwin, *Geol. Observations, 2nd ed. 1876, p. 180; <i>Fenestella</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 84, 94, 95 and 96.	Muree, Loder's Ck, Bell's Ck, Glendon, Stony Creek, N. S. Wales. Spring Hill, Mount Wellington, and E. Marshes, Tas. Gympie, Qu.
-----------------------------	-----------------	---	--

(Polyzoa.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. antiqua</i> , Lonsdale.	U. Pal. (Carb.)	<i>Fenestella</i> , Trans. Geol. Soc. 1840, v. pp. 697, 703, t. 58, f. 10; <i>id.</i> Phillips, *Pal. Foss. Devon. 1841, p. 24, t. 12, f. 35; <i>F. antiqua</i> ? M'Coy, Annals Nat. Hist. 1847, xx. p. 226; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>Protoretepora</i> , de Koninck, Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 179.	Korinda, N. S. Wales.

Genus *Retepora*, Imperato, 1672. (Hist. Nat. p. 630; Busk, Mon. Foss. Polyzoa Crag. 1859, p. 73.)—*Cheilostom.-Inarticulata*.

<i>R.? laxa</i> , de Koninck.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 182, t. 8, f. 5.	Colocolo; Burragood, N.S. Wales.
-------------------------------	-----------------	---	----------------------------------

Genus *Rhombopora*, Meek, 1872. (Hayden's Report, E. Nebraska, p. 141.)
Cheilostomata ?-Vincularidae ?

<i>R.? laxa</i> , Etheridge.	U. Pal. (Carb.)	<i>Ceriopora</i> ? *Quart. Jour. Geol. Soc. 1872, xxviii. p. 332, t. 25, f. 2.	Gympie, Qu.
------------------------------	-----------------	--	-------------

Class—Brachiopoda.

Genus *Athyris*, M'Coy, 1844. (Synop. Carb. Foss. Ireland, p. 146; Davidson, Introduction, p. 84.)—*Clistenterata-Spiriferidae*.

<i>A. globularis</i> , Phillips.	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. York, 1836, ii. p. 220, t. 10, f. 12; <i>Athyris</i> , M'Coy, *Brit. Pal. Foss. p. 434; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 86, t. 17, f. 15—18; <i>Spirigera</i> , Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 75, t. 1, f. 1 a—c.	Timor.
<i>A. planosulcata</i> , Phillips.	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. York, 1836, ii. p. 220, t. 10, f. 5; <i>Athyris</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 148; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 80, t. 16, f. 2—13, 15; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 2, p. 224, t. 11, f. 6.	Dungog, N. S. Wales.
<i>A. Roysii</i> , Lereille.	U. Pal. (Carb.)	<i>Spirifer</i> , *Mém. Soc. Géol. France, 1835, ii. p. 39, t. 2, f. 18—20; <i>Athyris</i> , M'Coy, *Brit. Pal. Foss. p. 433; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 84, t. 18, f. 1—11; <i>Spirigera</i> , Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 74, t. 1, f. 2, a and b, f. 3 a—c.	Timor.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Atrypa</i>, Dalman, 1828 (see p. 18).			
<i>A. biundata</i> , M'Coy.		Vide <i>Terebratula sacculus</i> , var. <i>hastata</i> , J. de C. Sowerby.	
<i>A. cymbæformis</i> , M'Coy.		Vide <i>Terebratula sacculus</i> , var. <i>hastata</i> , J. de C. Sowerby.	
<i>A. desquamata</i> , J. de C. Sow.	Mid. Pal. (L. Dev.).	*Trans. Geol. Soc. 2nd ser. 1840, v. p. 704, t. 56, f. 19 and 20; Davidson, *Mon. Brit. Dev. Brach. p. 58, t. 10, f. 9—13, t. 11, f. 1—9; de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 98.	Yass, N. S. Wales.
<i>A. ? Jukesii</i> , M'Coy.	U. Pal. (Carb.)	<i>Atrypa</i> , *Annals Nat. Hist. 1847, xx. p. 332, t. 13, f. 8; <i>ibid. id.</i> *Proc. R. Soc. V.D. Land, 1851, i. p. 318, t. 13, f. 8.	Dunvegan, N. S. Wales.
<i>A. plicatella</i> , de Kon.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 99, Atlas, t. 3, f. 4.	Yass, N. S. Wales.
<i>A. reticularis</i> , Linn.	Mid. Pal. (L. and Mid. Dev.).	(See p. 18); Davidson, *Mon. Brit. Dev. Brach. p. 53, t. 10, f. 3 and 4; de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 97; <i>Spirigera</i> , M'Coy, Couchman's Progress Report, 1877, iv. p. 158.	Yass; Kempsey, N. S. Wales. Bindi, Vict.
<i>Ibid. var. aspera</i> , Schlotheim.	Mid. Pal. (M. Dev.).	<i>Terebratulites</i> , Leonhard's *Min. Taschenbuch, 1813, vii. p. 74, t. 1, f. 7 a—c; <i>id.</i> *Petrefactenkunde, 1820, pt. 1, p. 263; 1822, pt. 2, p. 68, t. 18, f. 3; <i>Atrypa</i> , Dalman, *Kongl. Vet. Acad. Handl. för år 1827 (1828), p. 128, t. 4, f. 3; <i>A. reticularis</i> , var. <i>aspera</i> , Davidson, *Mon. Brit. Dev. Brach. 1864, p. 57, t. 10, f. 5—8; <i>Spirigera reticularis</i> , var. <i>aspera</i> , M'Coy, Couchman's Progress Report, 1877, iv. p. 158.	Bindi, Vict.
Genus <i>Camarophoria</i>, King, 1844. (Annals Nat. Hist. xiv. p. 313; <i>ibid.</i> 1846, xviii. p. 89; Permian Foss. England, 1850, p. 113; Davidson, Introduction, p. 96.)			
<i>Clistenterata-Rhynchonellida.</i>			
<i>C. crumena</i> , Martin.	U. Pal. (Carb.)	<i>Conch.</i> (<i>Anomites</i>), Pet. Derb. 1809, t. 36, f. 4; <i>Camarophoria</i> , Davidson, *Mon. Brit. Carb. Brach. p. 113, t. 25, f. 3—9; <i>id.</i> Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 73, t. 1, f. 11 a—c.	Timor.
Genus <i>Chonetes</i>, Fischer, 1837 (see p. 19).—<i>Clistenterata-Productida.</i>			
<i>C. Australis</i> , M'Coy.	Mid. Pal. (M. Dev.).	Smyth's Progress Report, 1876, iii. p. 62; *Geol. Survey, Vict. Dec. iv. 1876, p. 17, t. 35, f. 3—5; Couchman's <i>id.</i> 1877, iv. p. 16.	Buchan; Lucknow, Vict.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. coronata</i> , <i>Conrad</i> .	Mid. Pal. (L. Dev.).	<i>Strophomena</i> , *Jour. Acad. Nat. Sc. Philadelphia, 1842, viii. p. 257, t. 14, f. 30; <i>Chonetes</i> , Hall, *Pal. N. York, iv. pt. 1, p. 133, t. 21, f. 9—12; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 87.	Kempsey, N. S. Wales.
<i>C. Cracowensis</i> , <i>Etheridge</i> .		Vide <i>C. Laguessiana</i> , de Koninck.	
<i>C. Hardrensis</i> , <i>Phillips</i> .		Vide <i>C. Laguessiana</i> , de Koninck.	
<i>C. Laguessiana</i> , de <i>Koninck</i> .	U. Pal. (Carb.)	*Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 211, t. 12 bis, f. 4; <i>C. Hardrensis</i> , Davidson (non Phill.), *Mon. Brit. Carb. Brit. Brach. p. 186, t. 47, f. 12—18; <i>C. Cracowensis</i> , R. Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 336, t. 18, f. 2; <i>C. Laguessiana</i> , de Kon. *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 39, t. 2, f. 2 (for synonymy); <i>id. ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 2, p. 207, t. 10, f. 7.	Burrageood, N. S. Wales. Cracow Creek, Qu.
<i>C. papilionacea</i> , <i>Phillips</i> .	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. York. 1836, ii. p. 221, t. 11, f. 6; <i>Chonetes</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 212, t. 13, f. 5, t. 13 bis, f. 1; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 182, t. 46, f. 3—6; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 2, p. 205, t. 10, f. 6.	Dungog, N. S. Wales.

Genus *Cyrtina*, *Davidson*, 1858. (Mon. Brit. Carb. Brach. pp. 66 and 67.)
Clisterata-Spiriferidæ.

<i>C. septosa</i> , <i>Phillips</i> .	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. York. 1836, ii. p. 216, t. 9, f. 7; <i>Cyrtina</i> , Davidson, *Mon. Brit. Carb. Brach. p. 68, t. 14, f. 1—10, t. 15, f. 2; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 2, p. 253, t. 15, f. 2.	Near Yass, N. S. Wales.
---------------------------------------	-----------------	---	-------------------------

Genus *Discina*, *Lamarck*, 1819 (Hist. Nat. Anim. s. Vertèb. vi. pt. 1, p. 236; Davidson, Introduction, p. 126) = *Orbiculoidea*, d'Orbigny, 1849.
Tretenterata-Discinidæ.

<i>D. affinis</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	<i>Orbicula</i> , *Annals Nat. Hist. 1847, xx. p. 236, t. 13, f. 1; <i>id.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 322, t. 13, f. 1; <i>id.</i> Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3.	Dunvegan, N. S. Wales.
------------------------------------	-----------------	---	------------------------

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
D. Alleghania, Hall.	Mid. Pal. (L. Dev.).	*Pal. N. York, 1867, iv. pt. 1, p. 25, t. 1, f. 17; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 82.	Yass, N. S. Wales.

Genus *Leptæna*, Dalman, 1828 (see p. 19).—*Clistenterata-Strophomenidæ*.

L. ? interstitialis, Phillips.	Mid. Pal. (L. Dev.).	<i>Orthis</i> , *Pal. Foss. Devon. 1841, p. 61, t. 25, f. 103; <i>Leptæna</i> ? Davidson, *Mon. Brit. Dev. Brach. p. 85, t. 18, figs. 15—18; de Kon.*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 91.	Yass, N. S. Wales.
L. nobilis, M'Coy.	Mid. Pal. (L. Dev.).	*Brit. Pal. Foss. p. 386, t. 2 a, f. 9; Davidson, *Mon. Brit. Dev. Brach. p. 86, t. 18, figs. 19—21; de Kon.*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 92.	Yass, N. S. Wales.
L. subæquicostata, de Kon.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 93, Atlas, t. 3, f. 2.	Yass, N. S. Wales.

Genus *Lingula*, Bruguière, 1791. (Encyclop. Méthod. i, pl. 250, f. 1, a, b and c; Lamarck, Système, 1801, p. 140; *id.* Histoire, 1819, vi. pt. 1, p. 257.)
Tretenterata-Lingulidæ.

L. ovata, Dana.	U. Pal. (Carb.)	*American Jour. Sc. 2nd ser. iv. p. 152; *Geol. U. S. Expl. Exped. p. 685, Atlas, t. 2, f. 6.	Black Head, Illawara, N. S. Wales.
-----------------	-----------------	---	------------------------------------

Genus *Orthis*, Dalman, 1828 (see p. 20).—*Clistenterata-Strophomenidæ*.

O. Australis, M'Coy.		Vide <i>O. resupinata</i> , Martin.	
O. interlineata, J. de C. Sowerby.	Mid. Pal. (L. Dev.).	Trans. Geol. Soc. 2nd ser. v. p. 704, t. 53, f. 11, t. 54, f. 14; Davidson, *Mon. Brit. Dev. Brach. p. 91, t. 17, figs. 18—23; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 89.	Yarradong, N. S. Wales.
O. Michelini, L'Eveillé.	U. Pal. (Carb.)	<i>Terebratula</i> , *Mém. Soc. Géol. France, 1835, ii. p. 39, t. 2, f. 14—17; <i>Orthis</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 228, t. 13, f. 8, 10 c and d; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. pp. 132, 264, t. 30, f. 6—12; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 216, t. 10, f. 10.	Tasmania (Davidson). Burrageood; Colocolo, N. S. Wales.
O. resupinata, Martin.	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 49, f. 13 and 14; <i>Orthis</i> , de Koninck, *Descrip. Anim.	Lewin's Brook; Burrageood; Colocolo, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>O. spinigera</i> , M'Coy.	U. Pal. (Carb.)	Foss. Terr. Carb. Belgique, 1843, p. 226, t. 13, f. 9 and 10; <i>O. striatula</i> , M'Coy (non Schloth.), Annals Nat. Hist. 1847, xx. p. 234; <i>O. Australis</i> , * <i>id. ibid.</i> p. 234, t. 13, f. 4 and 4a; <i>O. striatula</i> , M'Coy, Proc. R. Soc. V. D. Land, 1851, i. p. 320; <i>O. Australis</i> , <i>id. *ibid.</i> p. 320, t. 13, f. 4; <i>O. Australis</i> , Clarke, S. Goldfields, 1860, p. 286; <i>O. resupinata</i> , Davidson, *Mon. Brit. Carb. Brach. p. 130, t. 29, f. 1—6, t. 30, f. 1—5; <i>id. de Koninek</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 214, t. 10, f. 9.	Dunvegan, N. S. Wales.
<i>O. striatula</i> , Schlot-heim.	U. Pal. (Dev.)	*Annals Nat. Hist. 1847, xx. p. 235, t. 13, f. 3; *Proc. R. Soc. V. D. Land, 1851, i. p. 321, t. 13, f. 3. <i>Anomia</i> , Leonhard's Min. Taschenbuch, 1813, viii. t. 1, f. 6; <i>id. Davidson</i> , *Mon. Brit. Dev. Brach. p. 87, t. 17, figs. 4—7; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 90.	Lewin's Brook; Allyn River, N. S. Wales.

Genus *Orthotetes*, Fischer, 1829 (Bull. Soc. Imp. Nat. Moscou, p. 375; de Koninek, Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 42) = *Streptorhynchus*, King.
Clistenterata-Strophomenidae.

<i>O. crenistria</i> , Phillips.	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. York. 1836, ii. p. 216, t. 9, f. 6; <i>Streptorhynchus</i> , Davidson, *Mon. Brit. Carb. Brach. p. 214, t. 26, f. 1, t. 27, f. 1—5, t. 30, f. 14—16; <i>id.?</i> Beyrich, Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 82, t. 1, f. 9 a, b; <i>Orthotetes</i> , de Koninek, *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 44, t. 2, f. 4 (for synonymy); <i>id. *Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 212, t. 10, f. 8.	Dungog, N. S. Wales. Timor.
<i>O. crenistria</i> , var. <i>radialis</i> , Phillips.	U. Pal. (Carb.)	<i>Spirifera radialis</i> , Phill. *Geol. York. 1836, ii. p. 220, t. 11, f. 5; <i>Streptorhynchus radialis</i> , Beyrich, *Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 80, t. 1, f. 8 a—c; <i>St. crenistria</i> , var. <i>radialis</i> , Davidson, *Mon. Brit. Carb. Brach. p. 129, t. 25, f. 16—18.	Timor.
<i>O. Davidsoni</i> , R. Etheridge.	Mid. Pal. (Dev.)	<i>Streptorhynchus</i> , *Quart. Jour. Geol. Soc. 1872, xxviii. p. 333, t. 17, f. 1.	Bowen River, Qu.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Pentamerus</i> , Sowerby, 1813 (see p. 20).— <i>Clistenterata-Pentameridæ</i> .			
<i>P. pumilus</i> , de Kon.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 94, t. 3, f. 3.	Yass, N. S. Wales.
Genus <i>Productus</i> , J. Sowerby, 1814. (Min. Con. i. p. 153; Davidson, Introduction, p. 117).— <i>Clistenterata-Productidæ</i> .			
<i>P. aculeatus</i> , Martin.	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 39, f. 9, 10; <i>Productus</i> , J. Sowerby, *Min. Con. 1814, i. p. 156, t. 68, f. 4; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 166, t. 33, f. 16—20; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 204, t. 11, f. 6. Vide <i>P. semireticulatus</i> , Martin.	Colocolo, N. S. Wales.
<i>P. antiquatus</i> , J. Sowerby.			
<i>P. brachythærus</i> , G. Sowerby.	U. Pal. (Carb.)	Darwin's *Geol. Obs. Volc. Islands, 1844, p. 158; Morris, in Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 284, t. 14, f. 4 a—c; de Koninck, *Mém. Soc. R. Sc. Liège, iv. p. 241, t. 16, f. 1; <i>id.</i> *Mon. <i>Productus et Chonetes</i> , 1847, p. 102, t. 16, f. 1 a and b; M'Coy, Annals Nat. Hist. 1847, xx. p. 235; Dana, *Geol. U. S. Expl. Exped. p. 686, Atlas, t. 2, f. 8; Plevs, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Clarke, S. Goldfields, 1869, p. 286; ? <i>P. undulatus</i> , M'Coy, *Annals Nat. Hist. 1847, p. 236, t. 13, f. 2; <i>P. brachythærus</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 198, t. 10, f. 4, t. 11, f. 1; Grange, Dumont-d'Urville's Voy. au Pole Sud, Géol. 1854, ii. pp. 84, 89, 93, 94, 95; d'Orbigny, Paléontologie, <i>ibid.</i> Atlas, 1846, t. 6, f. 6, 7.	Raymond Terrace; Loder's Creek, N. S. Wales.
<i>P. Clarkei</i> , R. Etheridge.	M. Pal. (Dev.) U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 334, t. 17, f. 2; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 203, t. 10, f. 5, t. 11, f. 2.	Bowen River, Qu. Braxton, N. S. Wales.
<i>P. cora</i> , D'Orbigny.	M. Pal. (Dev.) U. Pal. (Carb.)	*Pal. Voy. d. l'Amérique Mérid. iii. pts. 3 and 4, p. 55, t. 5, f. 8 and 9; Davidson, *Mon. Brit. Carb. Brach. pp. 148, 264, t. 36, f. 4, t. 42, f. 9; R. Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii.	Gympie, Qu. Port Stephen; Tillegary, N. S. Wales. Tasmania (Davidson).

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. fimbriatus</i> , <i>J. de C. Sowerby</i> .	U. Pal. (Carb.)	p. 328, t. 15, f. 1, 2; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 184, t. 9, f. 1. *Min. Con. 1824, v. p. 85, t. 459, f. 1; Davidson, *Mon. Brit. Carb. Brach. p. 171, t. 33, f. 12 and 15, t. 44, f. 15; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 195, t. 11, f. 5.	Tilleghary; William River, N. S. Wales.
<i>P. fragilis</i> , <i>Dana</i> .	U. Pal. (Carb.)	*Am. Jour. Sc. 2nd ser. iv. p. 153; *Geol. U. S. Expl. Exped. p. 686, Atlas, t. 2, f. 7; Clarke, S. Goldfields, 1860, p. 286; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 201, t. 10, f. 3.	Wollongong Point; Illawara; Braxton, N. S. Wales.
<i>P. longispinus</i> , <i>J. Sowerby</i> .	U. Pal. (Carb.)	*Min. Con. 1814, i. p. 154, t. 68, f. 1; <i>P. Flemingii</i> , J. Sowerby, *Min. Con. 1814, i. p. 155, t. 68, f. 2; <i>P. setosus</i> , Phill. *Geol. York. ii. p. 214, t. 8, f. 9 and 17; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 235; <i>P. Flemingii</i> , de Koninck, *Mém. Soc. R. Sc. Liège, iv. p. 196, t. 10, f. 2 and 3; <i>id. ibid.</i> *Mon. <i>Productus et Chonetes</i> , p. 95, t. 10, f. 2 and 3; <i>P. longispinus</i> , Davidson, *Mon. Brit. Carb. Brach. p. 154, t. 35, f. 5—19; <i>id.</i> R. Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 333, t. 18, f. 9; <i>P. Flemingii</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 191, t. 11, f. 3.	Lewin's Brook; Carroo Creek, N. S. Wales.
<i>P. magnus</i> , <i>Meek and Worthen</i> .	U. Pal. (Carb.)	*Proc. Acad. N. Sci. Philadelphia for 1861, p. 142; *Illinois Geol. Survey Report, 1868, vol. iii. p. 528, t. 20, f. 7; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 186, t. 10, f. 1.	S. E. of Buchan, N. S. Wales.
<i>P. Murchisonianus</i> , <i>de Koninck</i> .	U. Pal. (Carb.)	*Mém. Soc. R. Sc. Liège, 1846, p. 245, t. 16, f. 3; *Mon. <i>Productus et Chonetes</i> , 1847, p. 138, t. 16, f. 3.	Tasmania.
<i>P. punctatus</i> , <i>Martin</i> .	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , Martin, *Pet. Derb. 1809, t. 37, f. 6—8; <i>Productus</i> , J. Sowerby, *Min. Con. 1823, iv. p. 22, t. 323; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 172, t. 44, f. 9—16; <i>id.</i> de Koninck, *Foss. Carb. Bleiberg en Carinthie, 1873, p. 30, t. 1, f. 19 (for synonymy); <i>id. ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 193, t. 10, f. 2; <i>P.</i>	Karua and William Rivers, N. S. Wales. Timor.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. pustulosus</i> , <i>Phillips</i> .	U. Pal. (Carb.)	<i>punctatus</i> ? Beyrich, *Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 83, t. 2, f. 3; *Geol. York. 1836, ii. p. 216, t. 7, f. 15; <i>P. rugatus</i> , Phillips, * <i>ibid.</i> f. 16; <i>P. pustulosus</i> , de Verneuil, *Bull. Soc. Géol. de France, xi. p. 177; <i>P. rugatus</i> , G. Sowerby, in Darwin's *Geol. Obs. Volc. Islands, 1844, p. 158; <i>P. pustulosus</i> , Davidson, *Mon. Brit. Carb. Brach. p. 168, t. 41, f. 1—16, t. 42, f. 1—4.	S. Tasmania.
<i>P. rugatus</i> , <i>Phill.</i> <i>P. scabriculus</i> , <i>Martin</i> .	U. Pal. (Carb.)	Vide <i>P. pustulosus</i> , <i>Phill.</i> <i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 36, f. 5; <i>Productus</i> , J. Sowerby, *Min. Con. 1814, i. p. 157, t. 69, f. 1; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 235; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 169, t. 42, f. 5—8; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 196.	Hall's Quarry, Hobarton, Tas. R. William, N. S. Wales.
<i>P. semireticulatus</i> , <i>Martin</i> .	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 31, figs. 1 and 3, t. 33, f. 4; <i>P. antiquatus</i> , J. Sow. *Min. Con. iv. p. 15, t. 317, figs. 1, 5, and 6; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 235; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>P. semireticulatus</i> , de Koninck, Mém. Soc. R. Sc. Liège, iv. p. 183, t. 8, f. 1, t. 9, f. 1, t. 10, f. 1; de Koninck, *Mon. Productus et Chonetes, 1847, p. 83, t. 8, f. 1, t. 9, f. 1, t. 10, f. 1; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. p. 149, t. 43, figs. 1—11, t. 44, figs. 1—4; <i>id.</i> Beyrich, Abh. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 82, t. 2, f. 1 and 2; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 188, t. 9, f. 2.	Lewin's Brook; Glen William; Coloccolo, N. S. Wales. Timor.
<i>P. setosus</i> , <i>Phillips</i> . <i>P. subquadratus</i> , <i>Morris</i> .	U. Pal. (Carb.)	Vide <i>P. longispinus</i> , J. Sow. Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 284; de Kon. Mém. Soc. R. Sc. Liège, iv. p. 203, t. 14, f. 1; <i>id.</i> Mon. Productus et Chonetes, 1847, p. 100, t. 14, f. 1; Clarke, S. Goldfields, 1860, p. 286.	Mounts Dromedary and Wellington, Tas. Glendon, N. S. Wales.
<i>P. undatus</i> , <i>De-france</i> .	U. Pal. (Carb.)	*Diet. Sc. Nat. 1826, XLIII. p. 354; de Koninck, *Mém. Soc. R. Sc. Liège, iv. p. 156, t. 5, f. 3;	Allan River, Tas. Paterson River, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. undulatus</i> , <i>M. Coy.</i>	U. Pal. (Carb.)	<i>id.</i> *Mon. <i>Productus</i> et <i>Chonetes</i> , 1847, p. 59, t. 5, f. 3; Davidson, *Mon. Brit. Carb. Brach. p. 161, t. 34, f. 7—13; de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 190, t. 11, f. 4. *Annals Nat. Hist. 1847, xx. p. 236, t. 13, f. 2; *Proc. R. Soc. V. D. Land, 1851, i. p. 321, t. 13, f. 2. (? = <i>P. brachytherus</i> , G. Sow.)	Loder's Creek, N. S. Wales.

Genus *Rhynchonella*, Fischer, 1809 (see p. 21).—*Clistenterata-Rhynchonellidæ*.

<i>R. inversa</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 220, t. 11, f. 11.	Raymond Terrace, N. S. Wales.
<i>R. pleurodon</i> , <i>Phill.</i>	Mid. Pal. (Up. Dev.) U. Pal. (Carb.)	<i>Terebratulula</i> , *Geol. York, 1806, ii. p. 222, t. 12, figs. 25—30 (non 16); <i>Rhynchonella</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 101 and 246, t. 23, figs. 1—15, 16—22? Clarke, Remarks Sed. Forms. N. S. W. 3rd ed. 1875, p. 13; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 95; <i>id.</i> <i>ibid.</i> 1877, pt. 3, p. 219, t. 9, f. 4.	Sofala and Port Stephen, N. S. Wales.
<i>R. pugnus</i> , <i>Martin.</i>	Mid. Pal. (L. Dev.)	<i>Conchylolithus</i> (<i>Anomites</i>), *Pet. Derb. 1809, t. 22, figs. 4 and 5; <i>Rhynchonella</i> , Davidson, *Mon. Brit. Carb. Brach. p. 97, t. 22, figs. 1—15; Clarke, Remarks Sed. Forms. N. S. W. 3rd ed. 1875, p. 13; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 97.	Yarradong, N. S. Wales.
<i>R. Timorensis</i> , <i>Beyrich.</i>	U. Pal. (Carb.)	Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxv. p. 72, t. 1, f. 10 a—c.	Timor.

Genus *Siphonotreta*, De Verneuil, 1845 (see p. 21).—*Tretenterata-Discinidæ*.

<i>S. curta</i> , <i>Dana.</i>	U. Pal. (Carb.)	*Geol. U. S. Expl. Exped. p. 685, Atlas, t. 2, f. 5.	Glendon, N. S. Wales.
--------------------------------	-----------------	--	-----------------------

Genus *Spirifera*, J. Sowerby, 1816 (see p. 22) = *Trigonotreta*, König.
Clistenterata-Spiriferidæ.

<i>S. attenuata</i> , <i>J. de C. Sowerby.</i>		Vide <i>S. striata</i> , Martin.	
<i>S. cabedanus</i> , <i>de Verneuil.</i>	M. Pal. (Dev.)	*Bull. Soc. Géol. de France, 1845, ii. p. 473, t. 15, f. 3; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 103.	Yass, N. S. Wales.
<i>S. calcarata</i> , <i>J. de C. Sowerby.</i>		Vide <i>Spirifera disjuncta</i> , Sow.	

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. Chee-Hiel, de Koninck.</i>	M. Pal. (Dev.?)	Mon. <i>Productus et Chonetes</i> , 1847, p. 141; Mém. Soc. Royale Sc. Liège, iv. p. 248; d'Orbigny, Paléontologie, Dumont-d'Urville's Voy. au Pole Sud, Atlas, 1846, t. 6, f. 11.	Tasmania.
<i>S. Clarkei, de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 236, t. 13, f. 2.	Wollongong, N. S. Wales.
<i>S. convoluta, Phill.</i>	M. Pal. (Dev.) U. Pal. (Carb.)	*Geol. Yorksh. ii. p. 217, t. 9, f. 7; <i>S. avicula</i> , G. Sow., Darwin's *Geol. Obs. Volc. Is. 1844, App. p. 160; <i>id.</i> Morris, *Strzelecki's Phys. Deser. N. S. Wales, 1845, p. 282, t. 16, f. 6; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 233; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>id.</i> Grange, Dumont-d'Urville's Voy. au Pole Sud, Géologie, 1854, ii. p. 96; <i>S. convoluta</i> , Davidson, *Mon. Brit. Carb. Brach. p. 35, t. 5, figs. 2—15; Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 335, t. 17, f. 3; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 240, t. 12, f. 2, t. 13, f. 3.	Bowen River, Qu. Black Head, Illawara; Korinda, N. S. Wales. Eagle-hawk Neck, Tas.
<i>S. crassicostata, Jukes (ms.).</i>	U. Pal. (Carb.)	Quart. Jour. Geol. Soc. 1847, iii. p. 248; Phys. Str. Aust. 1850, p. 16.	Point Puer; Springvale, Tas.
<i>S. crebristria, Morris.</i>	U. Pal. (Carb.)	Strzelecki's *Phys. Deser. N. S. Wales, 1845, p. 279, t. 15, f. 2; M'Coy, Annals Nat. Hist. 1847, xx. p. 232; Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 85; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 225, t. 9, f. 5.	Booral; Dunvegan; Burrigood, N. S. Wales.
<i>S. Darwinii, Morris.</i>	U. Pal. (Carb.)	? <i>S. paucicostata</i> , G. Sow., *Darwin's Geol. Obs. Volc. Is. 1844, App. p. 160; <i>S. Darwinii</i> , Morris, *Strzelecki's Phys. Deser. N. S. Wales, 1845, p. 279; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 233; <i>id.</i> Dana, *Geol. U. S. Expl. Expt. p. 684, Atlas, t. 8, f. 7; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>id.</i> de Koninck, Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 230, t. 10, f. 11, t. 11, f. 10, t. 16, f. 1.	Glendon; Harper's Hill; Barraba; Loder's Creek; Black Head, N. S. Wales.
<i>S. disjuncta, J. de C. Sowerby.</i>	Mid. Pal. (L. Dev.)	Trans. Geol. Soc. 1840, v. 2nd ser. p. 704 (and plate descript.), t. 53, f. 8, t. 54, figs. 12 and 13; Stutchbury, Parl. Blue Book, Dec. 1854, p. 19; Davidson,	Pallal; Bowenfels; Sofala; Collin's Flat, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. dubia</i> , <i>Etheridge</i> .	M. Pal. (Dev.)	*Mon. Brit. Dev. Brach. p. 23, t. 5, f. 1—12, t. 6, figs. 1—5; Clarke, Remarks Sed. Forms. N. S. W. 3rd ed. 1875, p. 13; de Kon., *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 100; <i>S. calcarata</i> , Sow. loc. cit. t. 53, f. 7.	Gympie, Qu.
<i>S. duodecimcostata</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 234, t. 17, f. 2 and 3; *Proc. R. Soc. V. D. Land, 1851, i. p. 320, t. 17, f. 2 and 3; Dana, *Geol. U. S. Expl. Exped. p. 684, Atlas, t. 2, f. 1; Clarke, S. Goldfields, 1860, p. 287; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 234, t. 10, f. 12, t. 12, f. 4.	Muree; Wollongong; Bombarderra Creek, N. S. Wales.
<i>S. duplicicosta</i> , <i>Phillips</i> .	U. Pal. (Carb.)	*Geol. York. 1836, ii. p. 218, t. 10, f. 1; Davidson, *Mon. Brit. Carb. Brach. p. 24, t. 3, f. 7—10, t. 4, f. 3, 5—11; de Koninck, Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 198.	R. William, N. S. Wales.
<i>S. exsuperans</i> , de <i>Koninck</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 249, t. 15, f. 1.	Glen William, N. S. Wales.
<i>S. glabra</i> , <i>Martin</i> .	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> *Pet. Derb. 1809, t. 48, f. 9 and 10; <i>Spirifera subradiata</i> , G. Sow. Darwin's *Geol. Obs. Vole. Is. 1844, p. 159; <i>id.</i> Morris, *Strzelecki's Phys. Descrip. N. S. Wales, 1845, p. 281, t. 16, f. 1—4; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 233; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 87—96; <i>S. glaber</i> , Dana, *Geol. U. S. Expl. Exped. p. 683, Atlas, t. 1, f. 6; <i>id.</i> Clarke, S. Goldfields, 1860, p. 286; <i>S. glabra</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 59 and 264, t. 11, f. 1—9, t. 12, f. 1—5, 11 and 12; <i>S. glaber</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 227, t. 11, f. 8, t. 12, f. 1.	Glendon; Muree; Wollongong; Harper's Hill; Raymond Terrace; Morpeth, &c., N. S. Wales. Norfolk Plains; Mts Wellington and Dromedary, Tas.
<i>S. Kupangensis</i> , <i>Beyrich</i> .	U. Pal. (Carb.)	Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 78, t. 1, f. 6 a—c.	Timor.
<i>S. lata</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 233, t. 13, f. 7; *Proc. R. Soc. V. D. Land, 1851, i. p. 319, t. 13, f. 7; Plews, Mining Inst.	Lewin's Brook; Colocolo, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. latisinuatus</i> , de Koninck.	M. Pal. (Dev.)	Jour. vi. pt. 3, t. 3; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 244.	Yass, N. S. Wales.
<i>S. lævicostata</i> , Val. et Lamarck.	M. Pal. (Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 105, Atlas, t. 3, f. 7. Lamarck's *Histoire, 1819, vi. p. 254; Davidson, *Mon. Brit. Devon. Brach. p. 28, t. 8, f. 4 and 5; Selwyn, Phys. Geogr. and Geol. Vict. 1866, p. 10; M'Coy, Annals Nat. Hist. 1867, xx. p. 198; M'Coy in Smyth's Progress Report, 1874, p. 34; <i>id. ibid.</i> 1876, iii. p. 62; <i>id.</i> Exhib. Essay, 1872, p. 40; <i>id.</i> *Geol. Survey Vict. Dec. rv. 1876, p. 16, t. 35, f. 2 <i>a</i> and <i>b</i> ; <i>id.</i> Couchman's Progress Report, 1877, iv. pp. 16 and 155.	Buchan, Vict.
<i>S. lineata</i> , Martin.	U. Pal. (Carb.)	<i>Conch.</i> (<i>Anomites</i>), *Pet. Derb. 1809, t. 36, f. 3; <i>Spirifera</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 62 and 264, t. 13, f. 1—13; Beyrich, Abhandl. K. Akad. Wissen. Berlin, 1865, xxxvi. p. 76, t. 1, f. 13 <i>a—c</i> ; <i>Spirifer lineatus</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 224, t. 11, f. 9.	Raymond Terrace, N. S. Wales. Timor.
<i>S. Moosakhailensis</i> , Davidson.	U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1862, xviii. p. 28, t. 2, f. 2; ?Beyrich, *Abhandl. K. Akad. Wissensch. Berlin, 1865, xxxvi. p. 77, t. 1, f. 7.	Timor.
<i>S. multiplicatus</i> , de Koninck.	M. Pal. (Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 102, t. 3, f. 5.	Yass, N. S. Wales.
<i>S. nuda</i> , J. de C. Sowerby.	M. Pal. (Dev.)	*Trans. Geol. Soc. 1840, v. 2nd ser. p. 704, t. 57, f. 8; Davidson, *Mon. Brit. Dev. Brach. p. 38, t. 4, f. 17—24; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 106.	Yass, N. S. Wales.
<i>S. oviformis</i> , M'Coy.	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 234, t. 13, f. 5 and 6; *Proc. R. Soc. V. D. Land, 1851, i. p. 320, t. 13, f. 5 and 6; Plews, Mining Inst. Jour. vi. 1858, pt. 3, t. 3; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 233, t. 12, f. 3.	Barraba; Wollongong, N. S. Wales.
<i>S. paucicostata</i> , G. Sowerby.		?Vide <i>S. Darwinii</i> , Morris.	
<i>S. phalæna</i> , Dana.		Vide <i>S. vespertilio</i> , G. Sow.	
<i>S. pinguis</i> , J. Sowerby.	U. Pal. (Carb.)	*Min. Con. 1820, iii. p. 125, t. 271; Davidson, *Mon. Brit. Carb. Brach. p. 50, t. 10, f.	Glen William; Burragood, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. rotundata</i> , G. Sow. <i>S. Stokesii</i> , König.	U. Pal. (Carb.)	1—12; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 238, t. 14, f. 2. Vide <i>S. Tasmaniensis</i> , Morris. <i>Trigonotreta</i> , *Icon. Foss. p. 3, t. 6, f. 70; <i>Spirifera trapezoidalis</i> , G. Sowerby, Darwin's *Geol. Obs. Volc. Is. 1844, p. 159; <i>S. Stokesii</i> , Morris, Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 233, t. 15, f. 1; <i>id.</i> Grange, Dumont-d'Urville's Voy. au Pole Sud, Géologie, 1854, II. pp. 94—96; d'Orbigny, Paléontologie, <i>ibid.</i> Atlas, t. 6, f. 12—14 (1846).	Eagle-hawk Neck; Mount Dromedary, <i>Tas.</i>
<i>S. striata</i> , Martin.	M. Pal. (Dev.) U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 23, f. 1 and 2; <i>Spirifer attenuatus</i> , J. de C. Sow. *Min. Con. v. p. 151, t. 493; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 233; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>S. striata</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 19 and 246, t. 2, f. 12—21, t. 3, f. 2—6; <i>id.</i> Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 334, t. 17, f. 5, ? p. 336, t. 18, f. 8.	Dunvegan, N. S. Wales. Bowen River, Peak Downs, <i>Qu.</i>
<i>S. Strzeleckii</i> , de Koninck.	M. Pal. (Dev.) U. Pal. (Carb.)	<i>S. undifera</i> , var. <i>undulata</i> , Etheridge (non F. Roemer), *Quart. Jour. Geol. Soc. 1872, xxviii. p. 330, t. 15, f. 4, t. 16, f. 3—5; <i>S. Strzeleckii</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 235, t. 13, f. 1, t. 14, f. 1.	Lady Mary Reef, Gympie, <i>Qu.</i> Stony Creek; Raymond Terrace, N. S. Wales.
<i>S. subradiata</i> , G. Sow. <i>S. Tasmaniensis</i> , Morris.	U. Pal. (Carb.)	Vide <i>S. glabra</i> , Martin. <i>S. rotundata</i> , G. Sow. (non J. Phill.) Darwin's *Geol. Obs. Volc. Is. 1854, p. 159; <i>S. Tasmaniensis</i> , Morris, Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 280, t. 15, f. 3 and 4; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 233; <i>id.</i> Grange, Dumont-D'Urville's Voy. au Pole Sud, Géologie, 1854, II. p. 96; <i>S. Tasmanni</i> , v. Buch, *Abh. K. Akad. Wissen. z. Berlin, 1848, xi. p. 75, f. 3; <i>ibid. id.</i> Quart. Jour. Geol. Soc. III. pt. 2, p. 56; <i>S. Tasmaniensis</i> , var. ? Beyrich, *Abh. K. Akad. Wissen. z. Berlin, 1865, xxxvi. p. 78, t. 1, f. 5; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 248, t. 9, f. 7.	Lewin's Brook; Raymond Terrace, N. S. Wales. Eastern Marshes; Mts Dromedary and Wellington, <i>Tas.</i>

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. trapezoidalis</i> , G. Sowerby.	U. Pal. (Carb.)	Vide <i>S. Stokesii</i> , König.	Strand, N. S. Wales.
<i>S. triangularis</i> , Martin.		<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 36, f. 2; <i>Spirifer</i> , J. de C. Sow. *Min. Conch. 1827, vi. p. 120, t. 562, f. 5 and 6; <i>Spirifera</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 27 and 223, t. 5, f. 16—24, t. 50, f. 10—17; <i>Spirifer</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 245, t. 14, f. 4.	
<i>S. trigonalis</i> , Martin.	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 36, f. 1; <i>Spirifera</i> , J. Sowerby, *Min. Con. 1820, iii. p. 117, t. 266, f. 2 and 3; <i>id.</i> Davidson, *Mon. Brit. Carb. Brach. pp. 29, 222 and 264, t. 5, f. 25—34; <i>Sp. bisulcata</i> , J. de C. Sow. *Min. Con. v. p. 152, t. 494, f. 1 and 2; <i>id.</i> Davidson, *loc. cit. p. 31, t. 5, f. 1, t. 6, f. 1—19, t. 7, f. 4; <i>id.</i> var. <i>acuta</i> , Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 329, t. 16, f. 1, p. 335, t. 17, f. 4; <i>S. bisulcata</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 246, t. 14, f. 5.	Port Stephen, Tas. Gympie, Qu. Burrageood; Colocolo; Gervis Bay, N. S. Wales.
<i>S. undifera</i> , var. <i>undulata</i> , Etheridge (non F. Roemer).	M. Pal. (Dev.) U. Pal. (Carb.)	Vide <i>S. Strzeleckii</i> , de Koninck.	Illawara; Raymond Terrace, &c., N. S. Wales. Gympie, Qu. Eagle-hawk Neck; Mts Dromedary and Wellington, Tas.
<i>S. vespertilio</i> , G. Sowerby.		Darwin's *Geol. Obs. Volc. Is. 1844, p. 160; Morris, Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 252, t. 17, f. 1—3; M'Coy, Annals Nat. Hist. 1847, xx. p. 232; Dana, *Geol. U. S. Expl. Expd. p. 685, Atlas, t. 2, f. 3; <i>S. phalæna</i> , <i>id.</i> * <i>ibid.</i> p. 685, Atlas, t. 2, f. 4; <i>S. vespertilio</i> et <i>S. phalæna</i> , Clarke, S. Goldfields, 1860, pp. 286, 287; <i>S. vespertilio</i> , Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 329, t. 16, f. 2; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 242, t. 13, f. 4, t. 14, f. 3.	
<i>S. Yassensis</i> , Clarke.	U. Pal. (Carb.)	<i>S. Yassensis</i> , Clarke (ms.), Sed. Formations N. S. Wales, 1875, 3rd ed. p. 15; <i>S. Yassensis</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 104, t. 3, f. 6.	Yass; Duntroon, N. S. Wales.
<i>S. sp. ind.</i>	U. Pal. (Carb.)	Dana, *Geol. U. S. Expl. Expd. p. 684, Atlas, t. 2, f. 2.	Black Hill; Glendon, N. S. Wales.

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Spiriferina</i> , D'Orbigny, 1847. (Comp. Rendus, xxv. p. 268; Davidson, Introduction, p. 82.)— <i>Clistenterata-Spiriferidae</i> .			
<i>S. cristata</i> , v. Schlotheim.	U. Pal. (Carb.)	<i>Terebratulites</i> , Denkschriften K. baier. Akad. Wissen. zu München, 1816, vi. p. 28, t. 1, f. 3 a—c; <i>Spirifer octoplicatus</i> , J. de C. Sow. *Min. Con. 1827, vi. p. 120, t. 562, f. 2—4; <i>Spiriferina cristata</i> , var. <i>octoplicata</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 38, 226 and 267, t. 7, f. 37—47, 60 and 61, t. 52, f. 9, 10 and 13, t. 54, f. 10—12; <i>Spiriferina cristata</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 250; <i>id.</i> M'Coy, Couchman's Progress Rep. 1877, iv. p. 155; <i>S. cristatus</i> , Beyrich, Abhandl. K. Akad. Wissen. Berlin, 1865, xxxvi. p. 79, t. 1, f. 4 a—c.	Colocolo, N. S. Wales. Chiltern, Vict. Timor.
<i>S. insculpta</i> , Phill.	U. Pal. (Carb.)	<i>Spirifera</i> , *Geol. Yorksh. 1836, ii. p. 216, t. 9, f. 2 and 3; <i>Spiriferina</i> , Davidson, *Mon. Brit. Carb. Brach. p. 42, t. 7, f. 48—55; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 252.	Colocolo, N. S. Wales.

Genus *Streptorhynchus*, King, 1850. (Mon. Perm. Foss. England, p. 107.)
Vide *Orthotetes*, Fischer.

<i>S. Davidsoni</i> , Etheridge.	Vide <i>Orthotetes</i> .
<i>S. crenistria</i> , Phill.	Vide <i>Orthotetes</i> .

Genus *Strophalosia*, King, 1844. (Annals Nat. Hist. xiv. p. 313.)
Clistenterata-Productida.

<i>S. productoides</i> , Murchison.	M. Pal. (Up. Dev.)	<i>Orthis</i> , *Bull. Soc. Géol. de France, 1840, xi. p. 254, t. 2, f. 7; <i>Strophalosia</i> , Davidson, *Mon. Brit. Dev. Brach. p. 97, t. 19, f. 13—25; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 83.	Kempsey, N. S. Wales.
-------------------------------------	--------------------	--	-----------------------

Genus *Strophomena* (Rafinesque, 1820?), Blainville, 1824 (see p. 22).
Clistenterata-Strophomenida.

<i>S. rhomboidalis</i> , Wahlenberg, var. <i>analoga</i> , Phillips.	M. Pal. (Dev.) U. Pal. (Carb.)	<i>Producta analoga</i> , Phill. *Geol. York. ii. p. 215, t. 7, fig. 10; <i>S. rhomboidalis</i> , var. <i>analoga</i> , Davidson, *Mon. Brit. Carb. Brach. p. 119, t. 28, f. 1—13; <i>id.</i> Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. pp. 331	Lady Mary Reef, Gympie; Head of Don R. Qu. Burrageood, Colocolo, N.S. Wales.
--	-----------------------------------	---	--

(Brachiopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		and 333, t. 15, figs. 3 and 5, t. 16, f. 7, t. 18, f. 1; <i>Strophomenes analoga</i> , de Kon. Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 208, t. 9, f. 3, t. 11, f. 7 (for synonymy).	
Genus <i>Terebratula</i> , Luid, 1699. (Lith. Brit. Ichnographia, p. 40; Davidson, Introduction, p. 62.)— <i>Clistenterata-Terebratulidæ</i> .			
<i>T. amygdala</i> , Dana.		Vide <i>T. sacculus</i> .	
<i>T. biundata</i> , M'Coy.		Vide <i>T. sacculus</i> , var. <i>hastata</i> , J. de C. Sowerby.	
<i>T. cymbæformis</i> , Morris.		Vide <i>T. sacculus</i> , var. <i>hastata</i> , J. de C. Sowerby.	
<i>T. elongata</i> , Dana.		Vide <i>T. sacculus</i> .	
<i>T. hastata</i> , J. de C. Sowerby.		Vide <i>T. sacculus</i> , var. <i>hastata</i> , J. de C. Sowerby.	
<i>T. sacculus</i> , Martin.	U. Pal. (Carb.)	<i>Conch. (Anomites)</i> , *Pet. Derb. 1809, t. 46, f. 1 and 2; <i>Terebratula</i> , J. de C. Sow. *Min. Con. 1824, v. p. 65, t. 446, f. 1; <i>T. amygdala</i> , Dana, *American Jour. 1847, rv. p. 152; <i>id. ibid.</i> *Geol. U.S. Expl. Exped. p. 682, Atlas, t. 1, f. 2a—d; <i>T. elongata</i> , Dana, * <i>ibid.</i> p. 682, Atlas, t. 1, f. 3 a—d; <i>T. sacculus</i> , Davidson, *Mon. Brit. Carb. Brach. p. 14, t. 1, f. 23, 24, 27, 29 and 30; <i>id. de Koninck</i> , *Foss. Carb. Bleiberg en Carinthie, 1872, p. 65, t. 2, f. 16 (for synonymy); <i>id. ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, pp. 255—257, t. 15, f. 5.	Black Head; Burragood; Strand, N. S. Wales.
<i>T. sacculus</i> , var. <i>hastata</i> , J. de C. Sow.	U. Pal. (Carb.)	<i>T. hastata</i> , *Min. Con. 1824, v. p. 66, t. 446; <i>id.</i> Morris, Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 278; <i>T. cymbæformis</i> , <i>id.</i> * <i>ibid.</i> <i>id.</i> p. 278, t. 17, f. 4 and 5; <i>Atrypa</i> , <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 231; <i>A. biundata</i> , M'Coy, * <i>ibid.</i> p. 231, t. 13, f. 9; <i>id. ibid.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 318, t. 13, f. 9; <i>A. biundata</i> , et <i>A. cymbæformis</i> , Clarke, S. Goldfields, 1860, p. 286; <i>T. cymbæformis</i> et <i>T. hastata</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, II. pp. 84, 85, 89; <i>T. hastata</i> , Davidson, *Mon. Brit. Carb. Brach. pp. 11, 213 and 246, t. 1, f. 1—12, t. 49, f. 11—30; <i>T. sacculus</i> , var. <i>hastata</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 257, t. 15, f. 3 and 4.	Korinda; Lewin's Brook, Raymond Terrace; Muree; Strand; Illawara, N. S. Wales.

(Brachiopoda—Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>T. sp. ind.</i>	U.Pal. (Carb.)	Dana, *Geol. U. S. Expl. Exped. p. 683, Atlas, t. 1, f. 4 and 5.	Illawara; Glendon, N. S. Wales.
Genus <i>Trigonotreta</i> , <i>König</i> , 1825 or 1820? (Icon. Foss. Sect. p. 3.) Vide <i>Spirifera</i> .			
<i>T. Stokesii</i> , <i>König</i> .		Vide <i>Spirifera Stokesii</i> , <i>König</i> .	

Section—Mollusca proper.

Class—Pelecypoda (Lamellibranchiata or Conchifera, &c.).

Genus *Allorisma*, *King*, 1844. (Annals Nat. Hist. xiv. p. 315; Mon. Perm. Foss. England, 1850, p. 196; Meek and Hayden, Pal. Upper Missouri, 1865, p. 36.)

Myacea-Anatinidæ.

<i>A. audax</i> , <i>Dana</i> .		Vide <i>Edmondia? audax</i> .	
<i>A. ? curvatam</i> , <i>Morris</i> .	U.Pal. (Carb.)	<i>Allorisma</i> , Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 270, t. 10, f. 1; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 300; <i>Pholadomya</i> , <i>Dana</i> , *Geol. U. S. Explor. Exped. p. 688, Atlas, t. 3, f. 2; <i>Allorisma</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol., 1854, ii. p. 89; <i>Sanguinolites</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 264, t. 17, f. 4.	Illawara; Glendon; Darlington; Wollongong, N. S. Wales.

Genus *Aphanaia*, *L. G. de Koninck*, 1877. (Foss. Pal. Nouv.-Galles du Sud, pt. 3, p. 302.)
? *Mytilacea-Aviculidæ*.

<i>A. gigantea</i> , <i>de Kon.</i>	U.Pal. (Carb.)	* <i>loc. cit.</i> p. 304, t. 21, f. 6.	Branxton, N. S. Wales.
<i>A. Mitchellii</i> , <i>M'Coy</i> .	U.Pal. (Carb.)	<i>Inoceramus</i> , *Annals Nat. Hist. 1847, xx. p. 299, t. 14, f. 1; <i>id.</i> Proc. R. Soc. V. D. Land, 1851, i. p. 323, t. 14, f. 1; <i>id.</i> Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>Aphanaia</i> , <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 303, t. 21, f. 5.	Glendon; Wollongong, N. S. Wales.

Genus *Arca*, *Linnaeus*, 1758. (Systema, ed. 10, i. p. 693; Lamarck, Prodrome, 1799, p. 87.)
Arcacea-Arcidæ.

<i>A. costellata</i> , <i>M'Coy</i> .	U.Pal. (Carb.)	<i>Byssoarca</i> , *Synop. Carb. Foss. Ireland, 1844, p. 72, t. 11, f. 36; <i>Morris</i> , Cat. Brit. Foss. 1854, 2nd ed. p. 184; <i>Palæarca</i> , <i>de</i>	Burrageood, N. S. Wales.
---------------------------------------	----------------	---	--------------------------

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>A. interrupta</i> , de Koninek.	U. Pal. (Carb.)	Koninek, Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 286, t. 16, f. 6 and 7.	Burrageood, N. S. Wales.
<i>A. subarguta</i> , de Kon.	U. Pal. (Carb.)	<i>Palæarca</i> , loc. cit. p. 287, t. 16, f. 8.	Burrageood, N. S. Wales.

Genus *Astarte*, J. Sowerby, 1816¹. (Min. Con. II. p. 85.)—*Lucinacea-Astartidæ*.

<i>A. ? gemma</i> , Dana.	U. Pal. (Carb.)	<i>Astarte</i> , *American Jour. Sc. 1847, rv. p. 154; <i>id.</i> *Geol. U. S. Expl. Expd. p. 688, Atlas, t. 3, f. 4; <i>id.</i> Clarke, S. Goldfields, p. 287.	Wollongong Point, N. S. Wales.
---------------------------	-----------------	---	--------------------------------

Genus *Astartila*², Dana, 1847. (American Jour. Sc. rv. p. 155.)
Lucinacea-Astartidæ ?

<i>A. ? corpulenta</i> , Dana.	U. Pal. (Carb.)	*Geol. U. S. Expl. Expd. p. 691, Atlas, t. 3, f. 3; Clarke, S. Goldfields, 1860, p. 287.	District of Illawara, N. S. Wales.
<i>A. cyclas</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, rv. p. 155; *Geol. U. S. Expl. Expd. p. 690, Atlas, t. 4, f. 3; Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>A. cyprina</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, rv. p. 155; *Geol. U. S. Expl. Expd. p. 689, Atlas, t. 3, f. 6; Clarke, S. Goldfields, 1860, p. 287; <i>Pachydomus</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 276, t. 18, f. 6.	Wollongong Point, N. S. Wales.
<i>A. cytherea</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, rv. p. 155; *Geol. U. S. Expl. Expd. p. 689, Atlas, t. 4, f. 1; ? <i>Pachydomus ? pusillus</i> , M'Coy, *Annals Nat. Hist. 1847, xx. p. 302, t. 16, figs. 1 and 2; ? <i>id. ibid.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 325, t. 16, figs. 1 and 2; <i>A. cytherea</i> , Stutchbury, Parl. Blue Book, 25th July, 1856, p. 8; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>A. intrepida</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, rv. p. 155; *Geol. U. S. Expl. Expd. p. 689, Atlas, t. 3, f. 5; Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>A. polita</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, rv. p. 155; *Geol. U. S. Expl. Expd. p. 690, Atlas, t. 4, f. 2; Clarke, S. Goldfields, 1860,	Black Head; Illawara, N. S. Wales.

¹ Brown and Searles Wood give 1816 as the date of this genus; Morris, and Morris and Lycet, 1817; whilst Agassiz gives 1818.

² Non *Astartella*, J. Hall (Iowa Geol. Survey Report, 1858, i. pt. 2, p. 715)

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>A. transversa</i> , Dana.	U. Pal. (Carb.)	p. 287; <i>Pachydomus</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 277, t. 19, f. 4. *American Jour. Sc. 1847, iv. p. 154; *Geol. U. S. Explor. Exped. p. 690, Atlas, t. 4, f. 4; Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
Genus <i>Avicula</i> , Klein, 1753 (Tent. Meth. Ostrac. pt. 2, p. 120; Lamarek, Prodrôme, 1799, p. 82; Histoire, 1819, vi. pt. 1, p. 146, Stoliczka, Pal. Indica, iii. p. 391) = <i>Pteria</i> , Scopoli, 1777, Meek, 1876.— <i>Mytilacea-Aviculide</i> .			
<i>A. decipiens</i> , de Kon.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 309, t. 22, f. 13.	Harper's Hill, N. S. Wales.
<i>A. Hardyi</i> , de Kon.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 308, t. 16, f. 10.	Burrageood, N. S. Wales.
<i>A. intumescens</i> , de Koninck.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 309, t. 22, f. 12.	Harper's Hill, N. S. Wales.
<i>A. sublunulata</i> , de Koninck.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 307, t. 16, f. 4.	Muree, N. S. Wales.
<i>A. tessellata</i> , Phillips.		Vide <i>Aviculopecten</i> .	
<i>A. Volgensis</i> , Dana.	U. Pal. (Carb.)	Geol. U. S. Explor. Exped. p. 704, Atlas, t. 9, f. 4; Clarke, S. Goldfields, 1860, p. 287.	Wollongong, N. S. Wales.

Genus *Aviculopecten*, M'Coy, 1851. (Annals Nat. Hist. vi. p. 171; Brit. Pal. Foss. 1852, p. 392; Meek and Hayden, Pal. Up. Missouri, 1865, p. 49.)
Ostracea-Aviculopectinide.

<i>A. cingendus</i> , M'Coy.	U. Pal. (Carb.)	<i>Pecten</i> , *Synopsis Carb. Foss. Ireland, 1844, p. 90, t. 17, f. 11; <i>Aviculopecten</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 164; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 296, t. 22, f. 8.	Near Dungog, N. S. Wales.
<i>A. Clarkei</i> , de Kon.	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 114, t. 3, f. 10.	Kempsey, N. S. Wales.
<i>A. consimilis</i> , M'Coy.	U. Pal. (Carb.)	<i>Pecten</i> , *Synop. Carb. Foss. Ireland, 1844, p. 91, t. 15, f. 16; <i>Aviculopecten</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 164; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 292, t. 22, f. 6.	Burrageood, N. S. Wales.
<i>A. depilis</i> , M'Coy.	U. Pal. (Carb.)	<i>Pecten</i> , *Synop. Carb. Foss. Ireland, 1844, p. 91, t. 16, f. 11; <i>Aviculopecten</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 164; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 292, t. 22, f. 7.	Burrageood, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>A. elongatus</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	<i>Pecten</i> , *Synop. Carb. Foss. Ireland, 1844, p. 92, t. 16, f. 9; <i>Aviculopecten</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 293, t. 22, f. 5.	Wollongong, N. S. Wales.
<i>A. Etheridgei</i> , de <i>Koninck</i> .	Mid. Pal. (L. Dev.).	Foss. Pal. Nouv.-Galles du Sud, 1876, p. 112, t. 3, f. 9.	Yass, N. S. Wales.
<i>A. Fittoni</i> , <i>Morris</i> .	U. Pal. (Carb.)	<i>Pecten</i> , Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 277, t. 14, f. 2; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>Aviculopecten</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol. 1854, II. p. 95; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 300, t. 21, f. 4.	Mounts Wellington and Dromedary, Tas. Muswellbrook, N. S. Wales.
<i>A. Forbesii</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	<i>Pecten</i> , *Synop. Carb. Foss. Ireland, 1844, p. 93, t. 15, f. 20; <i>Aviculopecten</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 164; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 298.	Burrageood, N. S. Wales.
<i>A. granosus</i> , <i>J. de C. Sowerby</i> .	U. Pal. (Carb.)	<i>Pecten</i> , *Min. Con. 1829, VI. p. 144, t. 574, f. 2; <i>id.</i> Phillips, *Geol. York. 1836, II. p. 213, t. 6, f. 7; <i>id.</i> M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 93; <i>id.</i> Brown, Foss. Conchology, 1849, p. 154, t. 65, f. 16; <i>Avicula granulosa</i> , d'Orb. Prodrome de Pal. 1849, I. p. 135; <i>Aviculopecten granosus</i> , M'Coy, *Brit. Pal. Foss. 1852, p. 392 and 486; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 164; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 296, t. 22, f. 10.	Burrageood, N. S. Wales.
<i>A. Hardyi</i> , de <i>Kon</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 295, t. 22, f. 9.	Burrageood, N. S. Wales.
<i>A. Illawarensis</i> , <i>Morris</i> .	U. Pal. (Carb.)	<i>Pecten</i> , Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 277, t. 14, f. 3; <i>id.</i> Dana, *Geol. U. S. Explor. Exped. p. 705, Atlas, t. 9, f. 9; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> Grange, Dumont - d'Urville's Voyage au Pole Sud, Géol. 1854, II. p. 89; <i>Aviculopecten</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 301, t. 22, f. 1.	Illawara; Harper's Hill, N. S. Wales.
<i>A. ? imbricatus</i> , <i>Etheridge</i> .	M. Pal. (Dev.)	*Quart. Jour. Geol. Soc. 1872, XXVIII. p. 327, t. 14, f. 2.	Gympie, Qu.
<i>A. Knockonniensis</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	<i>Pecten</i> , *Synop. Carb. Foss. Ireland, 1844, p. 95, t. 17, f. 4; <i>Aviculopecten</i> , Morris, Cat. Brit.	Karua, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>A. leniusculus</i> , Dana.	U. Pal. (Carb.)	Foss. 2nd ed. 1854, p. 165; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 294. <i>Pecten</i> , *Amer. Jour. Sc. 1847, iv. p. 160; <i>id.</i> *Geol. U. S. Explor. Exped. p. 704, Atlas, t. 9, f. 6; <i>Aviculopecten</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 289, t. 21, f. 3.	Illawara; Mount Gimbela, N. S. Wales.
<i>A. limæformis</i> , Morris ¹ .	U. Pal. (Carb.) M. Pal. (Dev.)	<i>Pecten</i> , Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 277, t. 13, f. 1; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol. 1854, ii. pp. 93 and 95; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>Aviculopecten</i> ? Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 326, t. 14, f. 1; <i>Aviculopecten</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 291, t. 22, f. 4.	Norfolk Plains; Eastern Marshes, Tas. Gympie, Qu. Wollongong and Muree, N. S. Wales.
<i>A. lineatus</i> , Plews.	U. Pal. (Carb.)	<i>Pecten</i> , Mining Inst. Jour. 1858, vi. pt. 3, t. 4.	N. S. Wales.
<i>A. M'Leayi</i> , de Koninck.	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 114, t. 3, f. 11.	M'Leay R., N. S. Wales.
<i>A. mitis</i> , Dana.	U. Pal. (Carb.)	<i>Pecten</i> , *Geol. U. S. Explor. Exped. p. 705, Atlas, t. 9, f. 8.	Glendon, N. S. Wales.
<i>A. multiradiatus</i> , Etheridge.	M. Pal. (Dev.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 327, t. 13, f. 1.	Gympie, Qu.
<i>A. profundus</i> , de Koninck.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 299, t. 22, f. 3.	Harper's Hill, N. S. Wales.
<i>A. pychotis</i> , M'Coy.	U. Pal. (Carb.)	<i>Pecten</i> , *Annals Nat. Hist. 1847, xx. p. 298, t. 14, f. 2; <i>id.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 322, t. 14, f. 2; <i>Aviculopecten</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 294.	Dunvegan; Burragood; Wollongong, N. S. Wales.
<i>A. squamuliferus</i> , Morris.	U. Pal. (Carb.)	<i>Pecten</i> , Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 278, t. 14, f. 1; Dana, *Geol. U. S. Explor. Exped. p. 705; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 298; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol. 1854, ii. p. 95; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287.	Mounts Dromedary and Wellington, Tas. Harper's Hill, N. S. Wales.
<i>A. subquinque lineatus</i> , M'Coy.	U. Pal. (Carb.)	<i>Pecten</i> , *Annals Nat. Hist. 1847, xx. p. 298, t. 17, f. 1; <i>P. compactus</i> , Dana, *Amer. Jour. Sc. 1847, iv. p. 160 (non M'Coy); <i>id.</i> *Geol. U. S. Explor. Exped. p. 704, Atlas, t. 9, f. 5; <i>P. subquinque lineatus</i> , M'Coy, *Proc.	Harper's Hill; Muree, N. S. Wales.

¹ Non *A. limæformis*, Winchell.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
A. Tasmaniensis, M'Coy (ms.).	U. Pal. (Carb.)	R. Soc. V. D. Land, 1851, l. p. 322, t. 17, f. 1; <i>Aviculopecten</i> , id. de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 295, t. 22, f. 2.	New Norfolk, Tas.
A. tenuicollis, Dana.	U. Pal. (Carb.)	Selwyn, Proc. R. Soc. Tas. 1855, iii, pt. 1, p. 120.	Harper's Hill, N. S. Wales.
A. tessellatus, Phill.	U. Pal. (Carb.)	<i>Pecten</i> , *Amer. Jour. Sc. 1847, iv, p. 160; id. *Geol. U. S. Explor. Exped. p. 705, Atlas, t. 9, f. 7. <i>Avicula</i> , *Geol. York, ii, p. 211, t. 6, f. 6; ? id. de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, p. 134, t. 6, f. 2, 4, and 11; <i>Meleagrina</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 81; <i>Avicula</i> , id. Annals Nat. Hist. 1847, xx, p. 299; <i>Avicula</i> , Brown, *Foss. Conchology, 1849, p. 162, t. 66*, f. 31; <i>Aviculopecten</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 166; id. de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 298, t. 22, f. 11.	Dunvegan; Burragood, N. S. Wales.

Genus *Cardinia*, L. Agassiz, 1841¹ (Traduct. de la Conch. Mineral. de Sowerby, p. 207 !; Etudes Crit., Mon. Myes, p. 220) = *Pachyodon*, Stutchbury.
Lucinacea-Astartida ?

C.? costata, Dana.		Vide <i>Pleurophorus Morrisii</i> , de Koninck.	
C.? cuneata, Dana.	U. Pal. (Carb.)	*Amer. Jour. Sc. 1847, iv, p. 156; *Geol. U. S. Explor. Exped. p. 692, Atlas, t. 4, f. 6; Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
C.? exilis, M'Coy.		Vide <i>C.? recta</i> , Dana.	
C.? recta, Dana.	U. Pal. (Carb.)	<i>Cardinia</i> , *Amer. Jour. Sc. 1847, iv, p. 156; <i>C.? exilis</i> , M'Coy, *Annals Nat. Hist. 1847, xx, p. 302, t. 15, f. 1; <i>C.? recta</i> , Dana, *Am. Jour. Sc. 1848, v, p. 434; id. *Geol. U. S. Expl. Exped. p. 691, Atlas, t. 4, f. 5; <i>C.? exilis</i> , M'Coy, *Proc. R. Soc. V. D. Land, 1851, l. p. 326, t. 15, f. 1; <i>C. exilis</i> , Clarke, S. Goldfields, 1860, p. 287; <i>C. recta</i> , Stutchbury, 15th Report, Parl. Blue Book, 25th July, 1856, p. 8; <i>C. exilis</i> , de Kon. Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 271, t. 18, f. 2.	Illawara; Wollongong, N. S. Wales.

¹ Agassiz states that he first indicated this genus in a communication made to the *Société helvétique des Sciences Naturelles* at Bale in 1838, and described it in the German and French translation of Sowerby's *Mineral Conchology* in 1841.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Cardiomorpha</i> , <i>L. G. de Koninck</i> , 1842. (Descrip. Anim. Foss. Terr. Carb. Belgique, p. 101; <i>Stoliczka</i> , <i>Pal. Indica</i> , III. p. 66.)— <i>Myacea-Anatinidæ</i> ?			
<i>C. gryphoides</i> , <i>de Koninck</i> .	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 268, t. 18, f. 4.	Stony Creek, W. Maitland, N. S. Wales.
<i>C. ?striatella</i> , <i>de Kon.</i>	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 268, t. 20, f. 3.	Karua, N. S. Wales.

Genus *Cardium*, *Linnaeus*, 1758. (Systema, ed. 10, p. 678; *Lamarck*, 1799, Prodrome, p. 86.)—*Veneracea-Cardiidaæ*.

<i>C. Australis</i> , <i>Dana</i> .		Vide <i>Conocardium Australe</i> , M'Coy.	
<i>C. ferox</i> , <i>Dana</i> .		Vide <i>Conocardium ferox</i> , <i>Dana</i> .	

Genus *Clarkia*, *L. G. de Koninck*, 1877. (Foss. Pal. Nouv.-Galles du Sud, pt. 3, p. 266.) *Myacea-Saxicavidaæ*?

<i>C. myiformis</i> , <i>Dana</i> .	U.Pal.(Carb.)	<i>Pyramus</i> , *Am. Jour. Science, 1847, iv. p. 157; <i>Mænia</i> , *Geol. U. S. Explor. Exped. p. 697, Atlas, t. 6, f. 4; <i>id.</i> <i>Clarke</i> , S. Goldfields, 1860, p. 257; <i>Clarkia</i> , <i>de Koninck</i> , *loc. cit. p. 267, t. 18, f. 1.	Wollongong, N. S. Wales.
-------------------------------------	---------------	---	--------------------------

Genus *Cleobis*, *Dana*, 1847. (American Jour. Sc. iv. p. 154.)
Vide *Notomya*, M'Coy.

<i>C. gracilis</i> , <i>Dana</i> .		Vide <i>Mænia gracilis</i> , <i>Dana</i> .	
<i>C. grandis</i> , <i>Dana</i> .		Vide <i>Mænia grandis</i> , <i>Dana</i> .	
<i>C. recta</i> , <i>Dana</i> .		Vide <i>Mænia recta</i> , <i>Dana</i> .	

Genus *Conocardium*, *Bronn*, 1835 (*Lethæa Geog.* I. pt. 1, p. 91)=*Pleurorhynchus*, *Phillips*.—*Veneracea-Cardiidaæ*.

<i>C. Australe</i> , M'Coy.	U.Pal.(Carb.)	<i>Pleurorhynchus</i> , *Annals Nat. Hist. 1847, xx. p. 300, t. 16, f. 4; <i>Cardium</i> , <i>Dana</i> , *Geol. U. S. Expl. Expd. p. 701, Atlas, t. 18, f. 2; <i>Pleurorhynchus</i> , M'Coy, *Proc. R. Soc. V. D. Land, 1851, I. p. 324, t. 16, f. 4; <i>id.</i> <i>Clarke</i> , S. Goldfields, 1860, p. 287; <i>C. Australe</i> ? <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 284.	Wollongong; Glendon, N. S. Wales.
<i>C. ferox</i> , <i>Dana</i> .	U.Pal.(Carb.)	<i>Cardium</i> , *Geol. U. S. Expl. Expd. p. 701, Atlas, t. 18, f. 3; <i>id.</i> <i>Clarke</i> , S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. Sowerbyi</i> , de Koninck.	Mid. Pal. (L. Dev.).	<i>Cardium aliforme</i> , Sow. Trans. Geol. Soc. 1840, v. t. 56, f. 2; <i>Pleurorhynchus aliformis</i> , Phillips, *Pal. Foss. Devon. 1840, p. 34, t. 17, f. 51; <i>C. Sowerbyi</i> , de Kon.*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 109.	Yass, N. S. Wales.

Genus *Cypricardia*, Lamarck, 1819. (Histoire d. Anim. s. Verteb. vi. pt. 1, p. 27.)
Veneracea-Cyprinidæ.

<i>C. acutifrons</i> , Dana.	Vide <i>Modiolopsis acutifrons</i> , Dana.
<i>C. arcodes</i> , Dana.	Vide <i>Modiolopsis arcodes</i> , Dana.
<i>C. imbricata</i> , Dana.	Vide <i>Modiolopsis imbricata</i> , Dana.
<i>C. prærupta</i> , Dana.	Vide <i>Modiolopsis prærupta</i> , Dana.
<i>C. rugulosa</i> , Dana.	Vide <i>Pachydomus carinatus</i> , Morris.
<i>C. siliqua</i> , Dana.	Vide <i>Modiolopsis siliqua</i> , Dana.
<i>C. simplex</i> , Dana.	Vide <i>Modiolopsis simplex</i> , Dana.
<i>C. sinuosa</i> , Dana.	Vide <i>Mæonia axinia</i> , Dana.

Genus *Edmondia*, de Koninck, 1842. (Descr. Anim. Foss. Ter. Carb. Belgique, p. 66.)
Myacea-Anatinidæ.

<i>E. ? audax</i> ¹ , Dana.	U.Pal.(Carb.)	<i>Allorisma</i> , *American Jour. Sc. 1847, iv. p. 153; <i>Pholadomya</i> , *Geol. U. S. Expl. Expd. p. 687, Atlas, t. 3, f. 1; <i>id. et Allorisma</i> , Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>E. concentrica</i> , Etheridge.	M.Pal.(Dev.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 328, t. 13, f. 2.	Gympie, Qu.
<i>E. ? Glendonensis</i> , Dana.	U.Pal.(Carb.)	<i>Pholadomya (Homomya)</i> , *Geol. U. S. Expl. Expd. p. 687, Atlas, t. 2, f. 12; <i>Homomya</i> , Stutchbury, 15th Report, Parl. Blue Book, 25th July, 1856, p. 8.	Glendon, N. S. Wales.
<i>E. intermedia</i> , de Koninck.	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 270, t. 20, f. 4.	Near Morpeth, N. S. Wales.
<i>E. nobilissima</i> , de Koninck.	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 269, t. 20, f. 2.	Near Morpeth, N. S. Wales.
<i>E. obovata</i> , Etheridge.	M.Pal.(Dev.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 328, t. 13, f. 3.	Gympie, Qu.
<i>E. ? striatocostata</i> , M'Coy.	U.Pal.(Carb.)	<i>Pullastra</i> ? *Annals Nat. Hist. 1847, xx. p. 305, t. 14, f. 3; <i>id. Proc. R. Soc. V. D. Land</i> , 1851, i. p. 328, t. 14, f. 3; <i>Edmondia</i> ? de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 269, t. 18, f. 3.	Dunvegan and Burragood, N. S. Wales.

¹ The generic position of *Edmondia ? audax* and *E. ? Glendonensis*, is uncertain, as the internal characters have not been described; Dana concludes that the pallial line is entire. It is very hazardous to venture an opinion on a large number of these Australian fossils, without a direct examination of specimens.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Eurydesma</i> , Morris and G. B. Sowerby, 1845. (Strzelecki's Phys. Descr. N. S. Wales, p. 275.)— <i>Chamacea</i> ?- <i>Tridacnida</i> ?			
<i>E. cordata</i> , Morris.	U. Pal. (Carb.)	<i>Isocardia</i> ? sp. J. de C. Sowerby, Mitchell's Three Expds. Int. E. Austr. 1838, i. p. 15, t. 2, figs. 1 and 2; <i>Eurydesma</i> , Morris, Strzelecki's *Phys. Descr. N.S. Wales, 1845, p. 276, t. 12; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 299; <i>id.</i> Dana, *Geol. U. S. Expl. Expd. p. 700; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 89; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287.	Illawara; Arthur's Hill, N. S. Wales.
<i>E. elliptica</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 158; *Geol. U.S. Expl. Expd. p. 700, Atlas, t. 7, f. 6.	Harper's Hill, N. S. Wales.
<i>E. globosa</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 158; *Geol. U.S. Expl. Expd. p. 700, Atlas, t. 7, f. 7; Clarke, S. Goldfields, 1860, p. 287.	Harper's Hill, N. S. Wales.
<i>E. sacculus</i> , M'Coy ¹ .	U. Pal. (Carb.)	<i>Pachydomus</i> , *Annals Nat. Hist. 1847, xx. p. 301, t. 14, f. 5; <i>Eurydesma</i> , Dana, *Geol. U. S. Expl. Expd. p. 700, Atlas, t. 7, f. 8; <i>id.</i> American Jour. 1848, v. p. 434; <i>Pachydomus</i> , M'Coy, *Proc. R. Soc. V. D. Land, 1851, i. p. 325, t. 14, f. 5.	Harper's Hill; Wollongong, N. S. Wales.

Genus *Inoceramus* (J. Sowerby, 1814 ms.), Parkinson, 1819. (Trans. Geol. Soc. v. p. 55².)
Mytilacea-Aviculida.

I.? *Mitchellii*, M'Coy. | Vide *Aphanaia*. |

Genus *Megadesmus*, J. de C. Sowerby, 1838 (non Bowdich). Vide *Pachydomus*.

<i>M. antiquatus</i> , J. de C. Sowerby.	Vide <i>Pachydomus antiquatus</i> .
<i>M. cuneatus</i> , J. de C. Sowerby.	Vide <i>Pachydomus cuneatus</i> .
<i>M. globosus</i> , J. de C. Sowerby.	Vide <i>Pachydomus globosus</i> .
<i>M. lævis</i> , J. de C. Sowerby.	Vide <i>Pachydomus lævis</i> .

¹ Dana remarks that perhaps this is only the *E. cordata*, Morris (*Am. Jour. Sc.* 1848, v. p. 434).

² The genus *Inoceramus* was proposed and described in a paper read before the Linnean Society on Nov. 1st, 1814, by Mr J. Sowerby, "On a fossil shell of a fibrous structure, &c." The description appeared in pt. 2, vol. XIII. *Linn. Trans.*, which Mr R. Kippist, Librarian to the Society, informs me was published in Dec. 1822. In the mean time Parkinson published a description of the genus (*Trans. Geol. Soc.* v. p. 55), the latter work bearing date 1819. This must therefore be accepted as the real date of the publication of *Inoceramus*, and not 1814, as is usually given in catalogues and works.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Modiola ¹ , <i>Lamarck</i> , 1799. (Prodrome, p. 87; Système, 1801, p. 113.) <i>Mytilacea-Mytilida.</i>			
<i>M. crassissima</i> , <i>M'Coy.</i>	U.Pal.(Carb.)	*Annals Nat. Hist. 1847, xx. p. 300, t. 15, figs. 2 and 3; *Proc. R. Soc. V. D. Land, 1851, i. p. 324, t. 15, figs. 2 and 3; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4.	Harper's Hill, N. S. Wales.
Genus Modiolopsis , <i>Hall</i> , 1847. (Pal. New York, i. p. 157.)— <i>Mytilacea-Prasinida.</i>			
<i>M. acutifrons</i> , <i>Dana.</i>	U.Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 702, Atlas, t. 8, f. 4; <i>id.</i> Clarke, S. Goldfields, 1860, p. 288.	District of Illawara, N. S. Wales.
<i>M. arcodes</i> , <i>Dana.</i>	U.Pal.(Carb.)	*American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 702, Atlas, t. 8, figs. 5—7.	Harper's Hill, N. S. Wales.
<i>M. imbricata</i> , <i>Dana.</i>	U.Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 703, Atlas, t. 8, f. 8.	Harper's Hill, N. S. Wales.
<i>M. prærupta</i> , <i>Dana.</i>	U.Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 703, t. 8, f. 10; <i>id.</i> Clarke, S. Goldfields, 1860, p. 288.	District of Illawara, N. S. Wales.
<i>M.?</i> <i>siliqua</i> , <i>Dana.</i>	U.Pal. (Carb.)	<i>Modiolopsis</i> , *American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 703, Atlas, t. 9, f. 1; <i>id.</i> Clarke, S. Goldfields, 1860, p. 288.	District of Illawara, N. S. Wales.
<i>M.?</i> <i>simplex</i> , <i>Dana.</i>	U.Pal. (Carb.)	<i>Modiolopsis</i> , *American Jour. Sc. 1847, iv. p. 159; <i>Cypricardia</i> , *Geol. U. S. Expl. Expd. p. 703, Atlas, t. 9, f. 2; <i>id.</i> Clarke, S. Goldfields, 1860, p. 288.	
<i>M.?</i> <i>veneris</i> , <i>Dana.</i>	U.Pal. (Carb.)	<i>Modiolopsis</i> , *Geol. U. S. Expl. Expd. p. 704, t. 9, f. 3.	Glendon, N. S. Wales.
Genus Mæonia , <i>Dana</i> , 1847. (Amer. Jour. Science, iv. p. 158.) Vide <i>Notomya</i> , <i>M'Coy</i> ² .			
<i>M. axinia</i> , <i>Dana.</i>		Vide <i>Notomya axinia</i> .	
<i>M. elliptica</i> , <i>Dana.</i>		Vide <i>Notomya elliptica</i> .	
<i>M. elongata</i> , <i>Dana.</i>		Vide <i>Notomya elongata</i> .	

¹ *Volzella*, Scopoli, 1777, has precedence of *Modiola*, Lank. 1799; written *Modiolus* by Lamarck in 1799, and changed to *Modiola* in 1801.

² The late Dr Stoliczka has remarked that "great confusion exists amongst the fossils which have been described from the N. S. Wales Palæozoic rocks, and some of the species described as

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>M. fragilis</i> , Dana.		Vide <i>Notomya fragilis</i> .	
<i>M. gigas</i> , Dana.		Vide <i>Pachydomus gigas</i> , M'Coy.	
<i>M. gracilis</i> , Dana.		Vide <i>Notomya gracilis</i> , Dana.	
<i>M. grandis</i> , Dana.		Vide <i>Notomya grandis</i> , Dana.	
<i>M. Konineckii</i> , W. B. Clarke.		Vide <i>Notomya Konineckii</i> , W. B. Clarke.	
<i>M. myiformis</i> , Dana.		Vide <i>Clarkia myiformis</i> .	
<i>M. recta</i> , Dana.		Vide <i>Notomya recta</i> .	
<i>M. valida</i> , Dana.		Vide <i>Notomya valida</i> .	
Genus <i>Mytilus</i> ¹ , <i>Linnaeus</i> , 1758 (<i>Systema</i> , ed. 10, i. p. 704; <i>Lamarck</i> , <i>Prodrome</i> , 1799, p. 88; &c.)= <i>Perna</i> , <i>Adanson</i> , 1757.— <i>Mytilacea-Mytilida</i> .			
<i>M. Bigsbyi</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 288, t. 21, f. 1.	Branxton, N. S. Wales.
<i>M. crassiventer</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 288, t. 21, f. 2.	Branxton, N. S. Wales.
Genus <i>Notomya</i> , M'Coy, 1847 (<i>Annals Nat. Hist.</i> xx. p. 303; <i>Stoliczka</i> , <i>Pal. Indica</i> , III. p. 83)= <i>Myonia</i> et <i>Mæonia</i> , Dana, 1847 (non <i>Myonia</i> , <i>Adams</i> , 1860); <i>Cleobis</i> , Dana, 1847; <i>Pyramus</i> , Dana, 1847.— <i>Myacea-Saxicavida</i> ?			
<i>N. axinia</i> , Dana.	U. Pal. (Carb.)	<i>Cypricardia</i> ? <i>sinuosa</i> , Dana, * <i>Am. Jour. Science</i> , 1847, iv. p. 157; <i>M. axinea</i> , * <i>Geol. U. S. Explor. Exped.</i> p. 696, <i>Atlas</i> , t. 5, f. 5; <i>C. sinuosa</i> et <i>M. axinia</i> , <i>Clarke</i> , <i>S. Goldfields</i> , 1860, pp. 287, 288.	Illawara, N. S. Wales.
<i>N. clavata</i> , M'Coy.	U. Pal. (Carb.)	* <i>Annals Nat. Hist.</i> 1847, xx. p. 304, t. 15, f. 4; * <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 327, t. 15, f. 4; <i>Plews</i> , <i>Mining Inst. Jour.</i> 1858, vi. pt. 3, t. 4; <i>Clarke</i> , <i>S. Goldfields</i> , 1860, p. 287.	Wollongong, N. S. Wales.

Notomya or *Mæonia* may just as well belong to *Pachydomus*, and *vice versa*" (*Pal. Indica*, III. p. 83). *Mæonia* (*Myonia*), *Cleobis*, and *Pyramus* were proposed as new genera by Prof. Dana in 1847, but in the next year he suggested that the various species contained in the three so-called genera should be brought together under the one name *Mæonia*, "as the gradations are such that it is difficult to draw lines of distinction" (*Amer. Jour. Sc.* 1848, v. p. 434). Again he says, "the divisions may, perhaps, form sub-genera" (*Geol. U. S. Explor. Exped.* p. 694). The section *Pyramus* or *Pyramia* is stated to correspond with *Notomya*, M'Coy, and is slightly antecedent to it in date. As, however, I agree with Dr *Stoliczka* in considering M'Coy's description "far more intelligible than that given by Dana of his genus," and as in addition M'Coy no doubt correctly indicated the affinities of his genus, I prefer to adopt the latter for the whole of the species which have been referred to these genera. In dealing with this portion of my subject I have experienced the utmost difficulty, and can only offer the present synonymy as a temporary solution, until some palæontologist is afforded an opportunity of working the subject out in detail. To his previous remarks on this subject Dr *Stoliczka* adds, "neither in the text nor *Atlas* of his later work does Dana mention which of the species belong to each of the three sub-genera; and from the descriptions and figures the reader will find it very difficult to arrive at anything like accuracy of determination."

¹ The name *Mytilus* should give place to that of *Perna*, *Adanson*, proposed in the *Voy. au Sénégal* (p. 217). Although *Adanson* was not a binomial writer, *Perna*, like many other of his genera, was perfectly well characterised, and ought to be adopted.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>N. elliptica</i> , Dana.	U. Pal. (Carb.)	<i>Pyramus</i> , *Amer. Jour. Sc. 1847, iv. p. 158; <i>Mæonia</i> , *Geol. U. S. Explor. Exped. p. 697, Atlas, t. 6, f. 5; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>N. elongata</i> , Dana.	U. Pal. (Carb.)	<i>Myonia</i> , *Amer. Jour. Sc. 1847, iv. p. 158; <i>Mæonia</i> , *Geol. U. S. Explor. Exped. p. 695, Atlas, t. 5, f. 3; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 280, t. 20, f. 6.	Black Head, Illawara; Wollongong, N. S. Wales.
<i>N. fragilis</i> , Dana.	U. Pal. (Carb.)	*Geol. U. S. Expl. Exped. p. 696, Atlas, t. 6, f. 2 and 3.	Glendon, N. S. Wales.
<i>N. gracilis</i> , Dana.	U. Pal. (Carb.)	<i>Cleobis</i> , *Amer. Jour. Sc. 1847, iv. p. 154; <i>Mæonia</i> , *Geol. U. S. Explor. Exped. p. 698, Atlas, t. 7, f. 1; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 281, t. 19, f. 1.	Wollongong; Murree, N. S. Wales.
<i>N. grandis</i> , Dana.	U. Pal. (Carb.)	<i>Cleobis</i> , *American Jour. Sc. 1847, iv. p. 154; <i>Mæonia</i> , *Geol. U. S. Expl. Exped. p. 697, Atlas, t. 6, f. 8; <i>id.</i> Clarke, S. Goldfields, p. 287.	Wollongong Point, N. S. Wales.
<i>N. Koninekii</i> , W. B. Clarke.	U. Pal. (Carb.)	<i>Mæonia</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 279, t. 19, f. 6.	Cololamine, N. S. Wales.
<i>N. recta</i> , Dana.	U. Pal. (Carb.)	<i>Cleobis</i> , *American Jour. Sc. 1847, iv. p. 154; <i>Mæonia</i> ? *Geol. U. S. Expl. Exped. p. 698, Atlas, t. 7, f. 2; <i>Mæonia</i> , Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>N. securiformis</i> , McCoy.	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 304, t. 15, fig. 5; *Proc. R. Soc. V.D. Land, 1851, i. p. 327, t. 15, f. 5.	Wollongong, N. S. Wales.
<i>N. valida</i> , Dana.	U. Pal. (Carb.)	<i>Myonia</i> , *American Jour. Sc. 1847, iv. p. 158; <i>Mæonia</i> , *Geol. U. S. Expl. Exped. p. 695, t. 5, f. 4.	Black Head, Illawara, N. S. Wales.

Genus *Nucula*, Lamarck, 1799. (Prodrome, p. 87; Système, 1801, p. 115.)
Arcacea-Nuculidæ.

<i>N. abrupta</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 157; *Geol. U. S. Expl. Exped. p. 698, Atlas, t. 7, f. 3; Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>N. concinna</i> , Dana.	U. Pal. (Carb.)	*Geol. U. S. Expl. Exped. p. 699, Atlas, t. 7, f. 4.	Harper's Hill, N. S. Wales.
<i>N. Glendonensis</i> , Dana.	U. Pal. (Carb.)	*Geol. U. S. Expl. Exped. p. 699, Atlas, t. 7, f. 5.	Glendon, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Nuculana , <i>Link.</i> 1807 (Beischreibung Natur. Sammlung Rostok, iii. p. 155!; Meek, Report Invert. Cret. Foss. Up. Missouri, 1876, p. 103) = <i>Leda</i> , Schumacher, 1817.— <i>Arcacea-Nuculanida</i> .			
<i>N. Darwinii</i> , <i>de Kon.</i>	U.Pal.(Carb.)	<i>Tellinomya</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 285, t. 16, f. 9.	Stony Creek, N. S. Wales.
Genus Orthonota , <i>Conrad</i> , 1841 (see p. 23).— <i>Lucinacea-Solemyida</i> .			
<i>O.?</i> <i>compressa</i> , <i>Morris</i> .	U.Pal.(Carb.)	<i>Orthonota?</i> Strzelecki's *Phys. Deser. N.S. Wales, p. 274, t. 13, f. 4; <i>Orthonota</i> , M'Coy, Annals Nat. Hist. 1847, xx. p. 300; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 96.	Harper's Hill, N. S. Wales. Spring Hill, Tas.
<i>O.?</i> <i>costata</i> , <i>Morris</i> .		Vide <i>Pleurophorus Morrisii</i> , <i>de Koninck</i> .	
Genus Pachydomus , <i>Morris</i> , 1845 (Strzelecki's Phys. Deser. N. S. Wales, p. 271) = <i>Megadesmus</i> , <i>J. de C. Sowerby</i> (non Bowdich).— <i>Lucinacea-Astartida</i> .			
<i>P. antiquatus</i> , <i>J. de C. Sowerby</i> .	U.Pal.(Carb.)	<i>Megadesmus</i> , Mitchell's Three Expds. Int. E. Austr. 1838, i. p. 15, t. 1, f. 2; <i>Pachydomus</i> , <i>Morris</i> , *Strzelecki's Phys. Des. N. S. Wales, p. 272; <i>id.</i> Dana, *Geol. U. S. Expl. Expd. p. 693, Atlas, t. 5, f. 2; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 89.	Wollongong; Harper's Hill, N. S. Wales.
<i>P. carinatus</i> , <i>Morris</i> .	U.Pal.(Carb.)	Strzelecki's *Phys. Deser. N. S. Wales, 1845, p. 273, t. 11, figs. 3 and 4; <i>Cypriocardia rugulosa</i> , Dana, *American Jour. Sc. 1847, rv. p. 157; <i>P. carinatus</i> , M'Coy, Annals Nat. Hist. 1847, xx. p. 301; <i>Mæonia?</i> <i>carinata</i> , Dana, *Geol. U. S. Expl. Expd. p. 696; <i>Pachydomus</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol. 1854, ii. p. 89; <i>Cyp. rugulosa</i> , <i>Pachy. carinatus</i> , et <i>M. carinata</i> , Clarke, S. Goldfields, 1860, pp. 287, 288; <i>Pleurophorus?</i> , <i>de Kon.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 283, t. 19, f. 8.	Illawara; Wollongong, N. S. Wales. Port Arthur, Tas.
<i>P. cuneatus</i> , <i>J. de C. Sowerby</i> .	U.Pal.(Carb.)	<i>Megadesmus</i> , Mitchell's Three Expds. Int. E. Austr. 1838, i. p. 15, t. 1, f. 3; <i>Pachydomus</i> , <i>Morris</i> , *Strzelecki's Phys. Des. N. S. Wales, 1845, p. 272; <i>id.</i>	Illawara; Wollongong; Harper's Hill, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Danai, de Kon.</i>	U. Pal. (Carb.)	Dana, *Geol. U. S. Expl. Expt. p. 693, Atlas, t. 5, f. 1; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, II. p. 89.	Wollongong, N. S. Wales.
<i>P. gigas, M'Coy.</i>	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 301, t. 16, f. 3; <i>Mæonia</i> , Dana, *Geol. U. S. Explor. Exped. p. 697; <i>Pachydomus</i> , M'Coy, *Proc. R. Soc. V.D. Land, 1851, I. p. 325, t. 16, f. 3; <i>id.</i> Plews, Mining Inst. Jour. 1858, VI. pt. 3, t. 4; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 274.	Wollongong; Mt Vincent, N. S. Wales.
<i>P. globosus, J. de C. Sowerby.</i>	U. Pal. (Carb.)	Mitchell's *Three Expeds. Int. E. Austr. 1838, p. 15, t. 3, f. 1 and 2; <i>Pachydomus</i> , Morris, in *Strzelecki's Phys. Descr. N. S. Wales, 1845, p. 272, t. 10, f. 2 and 3; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 301; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géol. 1854, II. pp. 89 and 96; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 272, t. 18, f. 5.	Illawara; Harper's Hill; Lochinor, N. S. Wales. Mounts Dromedary and Wellington, Tas.
<i>P. lævis, J. de C. Sowerby.</i>	U. Pal. (Carb.)	<i>Megadesmus</i> , Mitchell's Three Expeds. Int. E. Austr. 1838, I. p. 15, t. 1, f. 1; <i>Pachydomus</i> , Morris, *Strzelecki's Phys. Des. N. S. Wales, 1845, p. 272; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, II. p. 89; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 273, t. 20, f. 1.	Illawara, N. S. Wales.
<i>P. ovalis, M'Coy.</i>	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 302, t. 14, f. 4; <i>Astartila</i> , Dana, *American Jour. Sc. 1848, v. p. 434; *Proc. R. Soc. V.D. Land, 1851, I. p. 325, t. 14, f. 4; <i>id.</i> Plews, Mining Inst. Jour. 1858, VI. pt. 3, t. 4; Clarke, S. Goldfields, 1860, p. 287; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 275, t. 19, f. 3 (? = <i>Astartila intrepida</i> , Dana).	Wollongong, N. S. Wales.

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. pusillus</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 302, t. 16, f. 1 and 2; *Proc. R. Soc. V. D. Land, 1851, i. p. 325, t. 16, f. 1 and 2; Clarke, S. Goldfields, 1860, p. 287; de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 276, t. 19, f. 2; ?= <i>Astartila cytherea</i> , Dana.	Wollongong, N. S. Wales.
<i>P. sacculus</i> .		? Vide <i>Eurydesma</i> .	

Genus *Palæarca*, *J. Hall*, 1859 (see p. 23).

<i>P. costellata</i> , <i>de Kon.</i>	U. Pal. (Carb.)	Vide <i>Arca costellata</i> , <i>M'Coy</i> .	
<i>P. interrupta</i> , <i>de Koninek</i> .		„ „ <i>de Kon.</i>	
<i>P. subarguta</i> , <i>de Koninek</i> .			

Genus *Paracyclas*, *J. Hall*, 1843. (Geol. Report, 4th District N. York, p. 171; de Koninek, Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 108.)? *Lucinacea-Lucinidæ*.

<i>P. elliptica</i> , <i>Phillips</i> .	M. Pal. (Dev.)	<i>Pullastra</i> , *Pal. Foss. Devon. 1840, p. 35, t. 17, f. 54; <i>Paracyclas</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1876, p. 109.	Yass, N. S. Wales.
---	----------------	---	--------------------

Genus *Pecten*, *O. F. Müller*, 1776. (Zool. Danicæ Prod. p. 248; Lamarek (emend.), Prodrome, 1799, p. 88.)—*Ostracea-Pectinidæ*.

<i>P. Fittoni</i> , <i>Morris</i> .		Vide <i>Aviculopecten Fittoni</i> .	
<i>P. Illawarensis</i> , <i>Morris</i> .		Vide <i>Aviculopecten Illawarensis</i> .	
<i>P. limæformis</i> , <i>Morris</i> .		Vide <i>Aviculopecten limæformis</i> .	
<i>P. comptus</i> , <i>Dana</i> .		Vide <i>Aviculopecten comptus</i> .	
<i>P. leniusculus</i> , <i>Dana</i> .		Vide <i>Aviculopecten leniusculus</i> .	
<i>P. lineatus</i> , <i>Plews</i> .		Vide <i>Aviculopecten lineatus</i> .	
<i>P. mitis</i> , <i>Dana</i> .		Vide <i>Aviculopecten mitis</i> .	
<i>P. ptychotis</i> , <i>M'Coy</i> .		Vide <i>Aviculopecten ptychotis</i> .	
<i>P. squamuliferus</i> , <i>Morris</i> .		Vide <i>Aviculopecten squamuliferus</i> .	
<i>P. tenuicollis</i> , <i>Dana</i> .		Vide <i>Aviculopecten tenuicollis</i> .	

Genus *Pholadomya*, *G. B. Sowerby*, 1823. (Genera of Shells, No. 19, J. de C. Sow. Min. Con. 1827, vi. p. 85=Procardia, Meek, 1871.)—*Myacea-Anatinidæ*.

<i>P. audax</i> , <i>Dana</i> .		Vide <i>Edmondia</i> ? <i>audax</i> .	
<i>P. curvata</i> , <i>Dana</i> .		Vide <i>Allorisma curvata</i> .	
<i>P. Glendonensis</i> , <i>Dana</i> .		Vide <i>Edmondia</i> ? <i>Glendonensis</i> .	
<i>P. undata</i> , <i>Dana</i> .		Vide <i>Edmondia</i> ? <i>undata</i> .	

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Pleurophorus , <i>King</i> , 1844. (Annals Nat. Hist. xiv. p. 313; Catalogue Perm. Foss. 1848, p. 11; Mon. Perm. Foss. 1850, p. 180; Meek and Hayden, Pal. Up. Missouri, 1865, p. 34; Stoliczka, Pal. Indica, III. p. 280) <i>Lucinacea-Astartidæ</i> .			
<i>P. biplex</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 282, t. 19, f. 1.	Wollongong, N. S. Wales.
<i>P. carinatus</i> , <i>de Koninck</i> .		Vide <i>Pachydomus carinatus</i> , Morris.	
<i>P. Morrisii</i> , <i>de Kon.</i>	U. Pal. (Carb.)	<i>Orthonota?</i> <i>costata</i> , Morris, in Strzelecki's *Phys. Descr. N.S. Wales, 1845, p. 273, t. 11, f. 1 and 2 (non <i>Pleurophorus costatus</i> , Brown); <i>Orthonota costata</i> , M'Coy, *Annals Nat. Hist. 1847, xx. p. 300; <i>Cardinia costata</i> , Dana, *Geol. U.S. Explor. Expd. p. 692, Atlas, t. 4, f. 8; <i>O. costata</i> , Grange, Dumont - d'Urville's Voy. au Pole Sud, Géol. 1854, II. p. 89; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287; <i>Pleurophorus Morrisii</i> , <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 281, t. 20, f. 5.	Illawara; Wollongong, N.S. Wales.

Genus **Pleurorhynchus**, *Phillips*, 1836. (Geol. Yorkshire, II. p. 210.) Vide *Conocardium*, Bronn.

P. Australis, M'Coy. | Vide *C. Australis*. |

Genus **Pterinea**, *Goldfuss*, 1832 (see p. 24).—*Mytilacea-Aviculidæ*.

<i>P. laminosa</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 116, t. 3, f. 12.	Yass, N. S. Wales.
<i>P. macroptera</i> , <i>Morris</i> .	U. Pal. (Carb.)	Strzelecki's *Phys. Descrip. N.S. Wales, 1845, p. 276, t. 13, f. 2 and 3; Dana, *Geol. U.S. Explor. Exped. p. 704; M'Coy, Annals Nat. Hist. 1847, xx. p. 299; Grange, Dumont - d'Urville's Voy. au Pole Sud, Géol. 1854, II. p. 96; Clarke, S. Goldfields, 1860, p. 287; <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 305, t. 16, f. 12.	Illawara; Maitland, N. S. Wales. Spring Hill; Port Arthur, Tas.

Genus **Pteronites**, M'Coy, 1844. (Synop. Carb. Foss. Ireland, p. 81; Brit. Pal. Foss. 1852, p. 391; Stoliczka, Pal. Indica, III. p. 388).—*Mytilacea-Aviculidæ*.

<i>P. latus</i> , M'Coy.	U. Pal. (Carb.)	*Synop. Carb. Foss. Ireland, 1844, p. 81, t. 13, f. 7; <i>Avicula</i> , d'Orbigny, Prodrôme de Pal. 1849, I. p. 135; <i>Pteronites</i> , Morris,	William's River, N. S. Wales.
--------------------------	-----------------	--	-------------------------------

(Pelecypoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		Cat. Brit. Foss. 2nd ed. 1854, p. 181; <i>Pterinea</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 306, t. 16, f. 11.	
Genus Pullastra , <i>G. B. Sowerby</i> , 1827 (Genera of Shells, No. xxviii., Zool. Jour. 1827, iii. p. 134) = <i>Tapes</i> , Megerle.			
<i>P. ? striatocostata</i> , <i>M'Coy</i> .		Vide <i>Edmondia</i> .	
Genus Pyramus , <i>Dana</i> , 1847 (Amer. Jour. Science, iv. p. 156) = <i>Pyramia</i> , <i>Dana</i> . Vide <i>Notomya</i> , <i>M'Coy</i> .			
<i>P. ellipticus</i> , <i>Dana</i> .		Vide <i>Notomya elliptica</i> .	
<i>P. myiformis</i> , <i>Dana</i> .		Vide <i>Clarkia myiformis</i> .	
Genus Sanguinolites , <i>M'Coy</i> , 1844. (Synop. Carb. Foss. Ireland, p. 47; Brit. Pal. Foss. 1852, p. 276; de Koninck, Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 73.)— <i>Myacea-Anatinidæ</i> ?			
<i>S. curvatus</i> , <i>de Kon.</i>		Vide <i>Allorisma? curvata</i> , <i>Morris</i> .	
<i>S. Etheridgei</i> , <i>de Koninck</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 262, t. 16, f. 2, t. 17, f. 2.	Mount Vincent, N. S. Wales.
<i>S. M'Coyi</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 263, t. 17, f. 3.	Wollongong, N. S. Wales.
<i>S. Mitchellii</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 261, t. 16, f. 3.	Wollongong, N. S. Wales.
<i>S. Tenisoni</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 265, t. 17, f. 5.	Burrageood, N. S. Wales.
<i>S. undatus</i> , <i>Dana</i> .	U. Pal. (Carb.)	<i>Pholadomya</i> , *Amer. Jour. Sc. 1847, iv. p. 153; <i>id.</i> *Geol. U. S. Explor. Exped. p. 687, t. 2, f. 11; <i>id.</i> <i>Clarke</i> , S. Goldfields, 1860, p. 287; <i>Sanguinolites</i> , <i>de Koninck</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 260, t. 17, f. 1.	Wollongong Point; Illawara; Burrageood, N. S. Wales.
Genus Scaldia , <i>de Ryckholt</i> , 1852?. (Mélanges Pal. pt. 1, p. 67; de Koninck, Mon. Carb. Foss. Bleiberg en Carinthie, 1873, p. 72.)— <i>Myacea-Anatinidæ</i> ?			
<i>S. ? depressa</i> , <i>de Kon.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 259, t. 15, f. 6.	Buchan, N. S. Wales.
<i>S. ? lamellifera</i> , <i>de Koninck</i> .	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 260, t. 15, f. 7.	Harper's Hill, N. S. Wales.

(Pelecypoda¹)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Solecurtus</i> , de Blainville, 1824. (Diet. Sc. Nat. xxxii. p. 351.) <i>Myacea-Solenidae</i> .			
<i>S. ellipticus</i> , Dana.	U. Pal. (Carb.)	<i>Solen</i> , *American Jour. Sc. 1847, iv. p. 153; <i>Solecurtus</i> ? *Geol. U. S. Expl. Expd. p. 686, Atlas, t. 2, f. 9; <i>id.</i> Clarke, S. Goldfields, 1860, p. 287.	Wollongong Point, N. S. Wales.
<i>S. planulatus</i> , Dana.	U. Pal. (Carb.)	<i>Solen</i> , *American Jour. Sc. 1847, iv. p. 153; <i>Solecurtus</i> (<i>Psammobia</i> ?), *Geol. U. S. Expl. Expd. p. 687, Atlas, t. 2, f. 10.	Harper's Hill, N. S. Wales.

Genus *Solen*, Linnæus, 1758. (Systema, ed. 10, p. 672; Lamarek, 1799, Prodrome, p. 83.)
Myacea-Solenidae.

<i>S. ellipticus</i> , Dana.	Vide <i>Solecurtus ellipticus</i> , Dana.
<i>S. planulatus</i> , Dana.	Vide <i>Solecurtus planulatus</i> , Dana.

Genus *Tellinomya*, 1847 (see p. 24).—*Arcacea-Nuculidae*.

<i>T. Clarkei</i> , de Kon.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 111, t. 3, f. 8.	Yass, N. S. Wales.
<i>T. Darwinii</i> , de Kon.		Vide <i>Nuculana</i> .	

Genus *Venus*, Linnæus, 1758. (Systema, ed. 10, p. 684; Lamarek, 1799, Prodrome, p. 84.)
Veneracea-Veneridae.

<i>V.?</i> <i>gregaria</i> , M'Coy.	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 305, t. 16, f. 5; *Proc. R. Soc. V. D. Land, 1851, i. p. 328, t. 16, f. 5; Clarke, S. Goldfields, 1860, p. 287.	Wollongong, N. S. Wales.
-------------------------------------	-----------------	---	--------------------------

Class—Gasteropoda.

Genus *Bellerophon*, de Montfort, 1808 (see p. 24).—*Nucleobr.-Atlantide*?

<i>B. contractus</i> , Jukes (ms.).	U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1847, iii. p. 242; Phys. Structure of Australia, 1860, p. 20.	Illawara, N. S. Wales.
<i>B. convolutus</i> , de Koninck.	Mid. Pal. (L. Dev.).	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 118, Atlas, t. 4, f. 4.	Yass, N. S. Wales.
<i>B. decussatus</i> , Fleming.	U. Pal. (Carb.)	*Brit. Animals, 1828, p. 328; Phillips, *Geol. Yorksh. 1836, ii. p. 231, t. 17, f. 13; <i>B. reticulatus</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 25, t. 2, f. 5; <i>B. decussatus</i> , de Koninck,	N. S. Wales.

¹ Prof. M'Coy has indicated two new species of *Grammysia* and *Orthonota* from Victorian Devonian rocks. (Smyth's *Progress Rept.* 1874, p. 31.)

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>B. interstitialis</i> , <i>M'Coy</i> .	U. Pal. (Carb.)	*Descrip. Anim. Foss. Terr. Carb. Belg. 1844, p. 339, t. 29, f. 2 and 3, t. 30, f. 3; <i>id.</i> M'Coy, *Brit. Pal. Foss. p. 552; <i>id.</i> Brown, *Foss. Conch. 1849, p. 38, t. 26, f. 21; <i>id.</i> de Kon. Mon. Foss. Carb. Carinthie, 1873, p. 97, t. 4, f. 1; <i>id.</i> <i>ibid.</i> Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 366; <i>id.</i> Etheridge, jun. *Geol. Mag. 1876, Dec. 2, vol. III, p. 154, t. 6, f. 8 a and b.	Dunvegan, N. S. Wales.
<i>B. micromphalus</i> , <i>Morris</i> .		Vide <i>Goniatites</i> .	
<i>B. strictus</i> , <i>Dana</i> .		Vide <i>Goniatites</i> .	
<i>B. subglobatus</i> , <i>M'Coy</i> .	M. Pal. (Dev.)	<i>B. globatus</i> , J. de C. Sow. *Geol. Trans. 2nd ser. v. 1840, t. 53, f. 30; <i>id.</i> Phillips, *Pal. Foss. Devon. 1841, p. 108, t. 40, f. 202; <i>B. subglobatus</i> , M'Coy, *Brit. Pal. Foss. p. 400; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 288; ? <i>B. globatus</i> , Stutchbury, Parl. Blue Book, Dec. 1854, p. 19.	Pallal, nr. Bingera, N. S. Wales.
<i>B. undulatus</i> , <i>Dana</i> .		Vide <i>Goniatites</i> .	

Genus *Capulus*, de Montfort, 1810 (Conch. Syst. II. p. 54) = *Pileopsis*, Lamarck, 1812; *Platyceras*, Conrad, 1840; *Acroculia*, Phillips, 1841.—*Prosobr.-Capulidæ*.

<i>C. altus</i> , <i>Dana</i> .	U. Pal. (Carb.)	<i>Pileopsis alta</i> , *Geol. U.S. Explor. Exped. p. 706, Atlas, t. 9, f. 14; <i>Platyceras altum</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 318, t. 23, f. 5.	Harper's Hill, N. S. Wales.
<i>C. angustus</i> , <i>Phillips</i> .	U. Pal. (Carb.)	<i>Pileopsis</i> , *Geol. York. 1836, II. p. 224, t. 14, f. 20; <i>Acroculia</i> , M'Coy, *Synopsis Carb. Foss. Ireland, 1844, p. 44; <i>Pileopsis</i> , Brown, *Foss. Conchology, 1849, p. 103, t. 47, f. 54; <i>Capulus</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 239; <i>Platyceras</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 316, t. 23, f. 7.	Burrageood, N. S. Wales.
<i>C. tenellus</i> , <i>Dana</i> .	U. Pal. (Carb.)	<i>Patella</i> , *Amer. Jour. Sc. 1847, IV. p. 151; <i>Pileopsis</i> , *Geol. U.S. Explor. Exped. p. 706, Atlas, t. 9, f. 13; <i>Patella</i> , Clarke, S. Goldfields, 1860, p. 288; <i>Platy-</i>	Harper's Hill; Colloco, N. S. Wales.

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. trilobus</i> , Phillips.	U. Pal. (Carb.)	<i>ceras</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 319, t. 23, f. 6. <i>Pileopsis</i> ? *Geol. York. 1836, ii. p. 224, t. 14, f. 12 and 13; <i>Capulus vetustus</i> , de Koninek, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1842, p. 332 (non Sow.); <i>Acroculia triloba</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 45; <i>Pileopsis</i> , Brown, *Foss. Conchology, 1849, p. 103, t. 47, f. 50 and 55; <i>Capulus trilobatus</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 239; <i>Platyceras trilobatum</i> , de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 317.	Burrageood, N. S. Wales.
Genus <i>Dentalium</i> , Linnaeus, 1758 ¹ . (Systema, ed. 10, p. 785; Lamarck, Prodrome, 1799, p. 78; Adams, Genera, 1854, i. p. 456.)— <i>Prosobr.-Dentaliida</i> .			
<i>D. antiquum</i> , Goldfuss.	M. Pal. (L. Dev.)	*Pet. Germaniæ, 1841, iii. p. 2, t. 166, f. 2; de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 117.	Yass; Yarradong, N. S. Wales.
<i>D. cornu</i> , de Kon.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 315, t. 23, f. 4.	Karna, N. S. Wales.
<i>D. tenuissimum</i> , de Koninek.	M. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 117, Atlas, t. 4, f. 3.	Yass, N. S. Wales.
Genus <i>Euomphalus</i> , J. Sowerby, 1814 (see p. 24).— <i>Prosobr.-Turbinida</i> ?			
<i>E. catillus</i> , Martin.	U. Pal. (Carb.)	<i>Conch. (Helicites)</i> , *Pet. Derb. 1809, t. 7, f. 1 and 2; <i>Euomphalus</i> , de Koninek, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 427, t. 24, f. 10; <i>id.</i> M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 35; <i>id.</i> Brown, *Foss. Conchology, 1849, p. 81, t. 42, f. 30 and 31; <i>Straparollus</i> ? M'Coy, *Brit. Pal. Foss. p. 538; <i>Euomphalus</i> , Morris, Cat. Brit. Foss. 1854, 2nd ed. p. 247; <i>id.</i> de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 332, t. 23, f. 19.	Maitland, N. S. Wales.
<i>E. Bigsbyi</i> , de Kon.	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 123, Atlas, t. 4, f. 8.	Yass, N. S. Wales.

¹ The name *Dentalium* was used by Aldrovandus in 1642, and by Linnaeus as early as 1740 (Meek)! Stoliczka gives the original reference as Aldrovandus, 1642, *De Testaceis*, lib. 3, cap. 5, p. 282!

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>E. minimus</i> , <i>M'Coy</i> .	U.Pal.(Carb.)	*Annals Nat. Hist. 1847, xx. p. 305, t. 17, f. 4; *Proc. R. Soc. V. D. Land, 1851, i. p. 328, t. 17, f. 4; Clarke, S. Goldfields, 1860, p. 288; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 331, t. 23, f. 17.	Dunvegan; Burragood, N.S. Wales.
<i>E. nodulosus</i> , <i>de Koninck</i> .	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 122, Atlas, t. 1, f. 12.	Yarradong, N. S. Wales.

Genus *Littorina*, *Ferrussac*, 1820 (Tab. Syst. Anim. Moll. p. xxxiv.) = *Trochus*, *Adanson* (non *Linn*).—*Prosobr.-Littorinidae*.

<i>L. filosa</i> , <i>J. de C. Sowerby</i> .		Vide <i>Macrocheilus</i> .	
--	--	----------------------------	--

Genus *Loxonema*, *Phillips*, 1841¹. (Pal. Foss. Devon. p. 98.)
Prosobr.-Eulimidae.

<i>L. acutissima</i> , <i>de Koninck</i> .	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 337, t. 23, f. 22.	Karna, N. S. Wales.
<i>L. anglica</i> , <i>d'Orbigny</i> .	Mid. Pal. (L. Dev.)	Prod. de Pal. 1849, i. p. 62; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 124, Atlas, t. 4, f. 9.	Yass, N. S. Wales.
<i>L. antiqua</i> , <i>Münster</i> .	Mid. Pal. (L. Dev.)	<i>Turritella</i> , *Beitrag z. Petrefac. 1840, p. 88, t. 15, f. 17; <i>Loxonema</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 125, t. 4, f. 10.	Yass, N. S. Wales.
<i>L. constricta</i> , <i>Martin</i> .	U.Pal.(Carb.)	<i>Conch. (Turbinites?)</i> , *Pet. Derb. 1809, t. 38, f. 3; <i>Melanea</i> , J. Sowerby, *Min. Con. 1818, iii. p. 33, t. 218, f. 2; <i>Melania</i> , Phillips, *Geol. York. 1836, ii. p. 228, t. 16, f. 1; <i>Chemnitzia</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 465, t. 41, f. 5 a and b; <i>Loxonema</i> , M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 30; <i>id.</i> de Koninck, *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 105, t. 4, f. 5; <i>id. ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 336, t. 23, f. 20.	Karna, N. S. Wales.
<i>L. deperdita</i> , <i>Goldfuss</i> .	Mid. Pal. (L. Dev.)	<i>Melania</i> , *Pet. Germaniæ, iii. p. 109, t. 197, f. 12; <i>Loxonema</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 126.	Yass, N. S. Wales.
<i>L. difficilis</i> , <i>de Kon.</i>	U.Pal.(Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 335, t. 23, f. 23.	Karna, N. S. Wales.

¹ Some authors unite this genus with *Chemnitzia*, d'Orb.; see on this head, F. B. Meek (*Invert. Cret. Tert. Foss. Up. Missouri*, 1876, pp. 337—339), and Stoliczka (*Pal. Indica*, ii. p. 285).

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>L. Hennahii</i> , <i>J. de C. Sowerby</i> .	Mid. Pal. (L. Dev.)	<i>Terebra</i> , *Trans. Geol. Soc. 1840, v. t. 57, f. 22; <i>Loxonema</i> , Phillips, *Pal. Foss. Devon. 1841, p. 99, t. 38, f. 184; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 125.	Yass, N. S. Wales.
<i>L. rugifera</i> , <i>Phillips</i> .	U. Pal. (Carb.)	<i>Melania</i> , *Geol. York. 1836, II. p. 229, t. 16, f. 26; <i>Chemnitzia</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 462, t. 41, f. 2; <i>Melania</i> , Brown, *Foss. Conch. 1849, p. 96, t. 45, f. 45; <i>Loxonema</i> , M'Coy, *Brit. Pal. Foss. p. 545; <i>id.</i> de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 338, t. 23, f. 21.	Burrageood, N. S. Wales.

Genus **Macrocheilus**, *Phillips*, 1841. (Pal. Foss. Devon, p. 103; Stoliczka, Pal. Indica, II. pp. 263 and 290.)—*Prosobr.-Littorinidae* or *Eulimidae*?

<i>M. acutus</i> , <i>J. de C. Sowerby</i> .	U. Pal. (Carb.)	<i>Buccinum</i> , *Min. Con. 1827, VI. p. 127, t. 566, f. 1; <i>id.</i> Phillips, *Geol. York. 1836, II. p. 230, t. 16, f. 11 and 21; <i>B. imbricatum</i> , <i>id.</i> * <i>ibid.</i> p. 229, t. 16, f. 17—20; <i>Macrocheilus</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, p. 473, t. 40, f. 10 <i>a</i> and <i>b</i> , t. 41, f. 13 <i>a</i> and <i>b</i> ; <i>id.</i> M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 28; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 256; <i>id.</i> de Koninck, *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 104, t. 4, f. 9; <i>id.</i> * <i>ibid.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 334, t. 23, f. 24.	Burrageood, N. S. Wales.
<i>M. filiosus</i> , <i>J. de C. Sowerby</i> .	U. Pal. (Carb.)	<i>Littorina</i> , Mitchell's *Three Expeds. Int. E. Austr. 1838, I. p. 38, t. 2, f. 5; Morris, Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 285, t. 18, f. 4; <i>Littorina</i> , Grange, Dumont-d'Urville's Voy. au Pole Sud, Géol. 1854, II. p. 85.	Booral; Karua, N. S. Wales.

Genus **Mitchellia**, *L. G. de Koninck*, 1876. (Foss. Pal. Nouv.-Galles du Sud, pt. 2, p. 128.)
Prosobr.-Buccinidae?

<i>M. striatula</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.)	* <i>loc. cit.</i> p. 129, Atlas, t. 4, f. 12.	Yass, N. S. Wales.
--------------------------------------	---------------------	--	--------------------

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Murchisonia , <i>d'Archiac</i> and <i>de Verneuil</i> , 1841 (see p. 25).— <i>Prosobr.-Pleurotomariidæ</i> .			
<i>M. angulata</i> , <i>Clarke</i> .		? Vide <i>M. Verneuiliana</i> , de Kon.	
<i>M. carinata</i> , <i>Etheridge</i> .	U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 337, t. 18, f. 5.	Don River, Qu.
<i>M. granifera</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 121, Atlas, t. 4, f. 6.	Yass, N. S. Wales.
<i>M.?</i> <i>tricincta</i> , <i>Morris</i> .	U. Pal. (Carb.)	Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 285, t. 18, f. 3; Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 85.	Booral, N. S. Wales.
<i>M. trifiliata</i> , <i>Dana</i> .	U. Pal. (Carb.)	<i>Pleurotomaria</i> , *Amer. Jour. Sc. 1847, iv. p. 151; <i>id. ibid.</i> v. p. 434; <i>P. Morrisiana</i> , *Geol. U. S. Explor. Exped. p. 706, Atlas, t. 9, f. 16 (and ? 15); <i>Murchisonia</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 327.	Harper's Hill, N. S. Wales.
<i>M. turris</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 120, t. 4, f. 5.	Yass, N. S. Wales.
<i>M. Verneuiliana</i> , <i>de Koninck</i> .	Mid. Pal. (L. Dev.) U. Pal. (Carb.)	*Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 414, t. 38, f. 5; *Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 119; * <i>ibid.</i> pt. 3, 1877, p. 329, t. 23, f. 15; ? <i>M. angulata</i> , <i>Clarke</i> , S. Goldfields, 1860, p. 288.	Yass; Munnawarree, N. S. Wales.

Genus **Naticopsis**, *M'Coy*, 1844 (Synop. Carb. Foss. Ireland, p. 33) = *Naticodon*, *de Ryckholt*, 1847.—*Prosobr.-Naticidæ*.

<i>N.?</i> <i>harpæformis</i> , <i>Etheridge</i> .	U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 337, t. 18, f. 6.	Don River, Qu.
--	-----------------	---	----------------

Genus **Niso**, *Risso*, 1826. (Hist. Nat. Europe Mérid. iv. p. 218.)
Prosobr.-Eulimidæ.

<i>N.?</i> <i>Darwinii</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 127, t. 4, f. 11.	Yass, N. S. Wales.
---	---------------------	--	--------------------

Genus **Patella**, *Linnaeus*, 1740, (Systema Nat. p. 63; *id.* ed. 10, 1758, p. 780; *Lamarck*, Prodrome, 1799, p. 78.)—*Prosobr.-Patellidæ*.

<i>P. tenella</i> , <i>Dana</i> .		Vide <i>Capulus tenellus</i> , <i>Dana</i> .	
-----------------------------------	--	--	--

Genus **Pileopsis**, *Lamarck*, 1820. (Hist. Nat. Anim. sans Vertèb. vi. pt. 2, p. 381.)
Vide *Capulus*, *de Montf.*

<i>P. alta</i> , <i>Dana</i> .		Vide <i>Capulus altus</i> , <i>Dana</i> .	
<i>P. tenella</i> , <i>Dana</i> .		Vide <i>Capulus tenellus</i> , <i>Dana</i> .	

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Platyceras</i> , <i>Conrad</i> , 1840. (3rd Ann. Report, Pal. N. York, p. 205.) <i>Vide Capulus</i> , de Montf.			
<i>P. altum</i> , Dana.		<i>Vide Capulus altus</i> , Dana.	
<i>P. angustatum</i> , <i>Phillips</i> .		<i>Vide Capulus angustatus</i> , Phillips.	
<i>P. tenella</i> , Dana.		<i>Vide Capulus tenellus</i> , Dana.	
<i>P. trilobatum</i> , de <i>Koninck</i> .		<i>Vide Capulus trilobus</i> , Phillips.	
Genus <i>Platyschisma</i> , <i>McCoy</i> , 1844. (Synop. Carb. Foss. Ireland, p. 38.) <i>Prosobr.-Turbinidæ</i> .			
<i>P. depressa</i> , Dana.	U. Pal. (Carb.)	*American Jour. Sc. 1847, iv. p. 161; *Geol. U. S. Expl. Expd. p. 707, Atlas, t. 10, f. 2.	Harper's Hill, N. S. Wales.
<i>P. ocula</i> , <i>J. de C. Sowerby</i> .	U. Pal. (Carb.)	<i>Trochus</i> , Mitchell's *Three Expds. Int. E. Austr. 1838, i. p. 15, t. 2, figs. 3 and 4; <i>Platyschisma</i> , Morris, Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 286, t. 18, f. 1; <i>id.</i> McCoy, Annals Nat. Hist. 1847, xx. p. 306; <i>id.</i> Dana, *Geol. U. S. Expl. Expd. p. 707, t. 10, f. 1; <i>id.</i> Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 86 and 89; <i>id.</i> Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4; <i>Euomphalus</i> , de Koninck, Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 330, t. 23, f. 18.	Illawara; Harper's Hill, N. S. Wales.
<i>P. rotundata</i> , Morris.	U. Pal. (Carb.)	Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 286, t. 18, f. 2; Dana, *Geol. U. S. Expl. Expd. p. 707; Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 86 and 89; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4; Clarke, S. Goldfields, 1860, 288.	Illawara; Harper's Hill, N. S. Wales.
Genus <i>Pleurotomaria</i> , <i>DeFrance</i> , 1824. (Tableau, p. 114; Dict. Sc. Nat. 1826, xli. p. 381.) <i>Prosobr.-Pleurotomariidæ</i> .			
<i>P. cancellata</i> , <i>Strzelecki</i> .		<i>Vide P. subcancellata</i> , Morris.	
<i>P. carinata</i> , <i>J. Sow.</i>	M. Pal. (Dev.)	<i>Helix</i> , *Min. Con. i. p. 34, t. 10, f. 3 (upper and lower figs.); <i>Pleurotomaria</i> , Phillips, *Geol. York. 1836, ii. p. 226, t. 15, f. 1; <i>id.</i> de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, p. 397, t. 31, f. 1 a—d; <i>id.</i> McCoy, *Synop. Carb. Foss. Ireland, 1844, p. 39; <i>id.</i> Brown, *Foss. Conch. 1849,	Gympie, Qu.

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. gemmulifera</i> , <i>Phillips.</i>	U. Pal. (Carb.)	p. 87, t. 40, f. 24 and 25; <i>id.</i> Morris, Cat. Brit. Foss. 2nd ed. p. 272; <i>id.</i> Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 331, t. 15, f. 6. *Geol. York. 1836, ii. p. 227, t. 15, f. 19; de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 370, t. 31, f. 7 a—d; Brown, *Foss. Conch. 1849, p. 87, t. 40, f. 28 and 29; Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 272; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 324, t. 23, f. 9.	Stony Creek; W. Maitland, N. S. Wales.
<i>P. helicinaeformis</i> , de <i>Koninck.</i>	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 327, t. 23, f. 13.	Burrageood, N. S. Wales.
<i>P. humilis</i> , de Kon.	U. Pal. (Carb.)	*Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 325, t. 23, f. 14.	Raymond Terrace, N. S. Wales.
<i>P. Morrisiana</i> , <i>M'Coy.</i>	U. Pal. (Carb.)	*Annals Nat. Hist. 1847, xx. p. 306, t. 17, f. 5; Dana, *Geol. U. S. Expl. Exped. p. 706, t. 9, f. 15; M'Coy, *Proc. R. Soc. V. D. Land, 1851, i. p. 329, t. 17, f. 5; Clarke, S. Goldfields, 1860, p. 288; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 321, t. 23, f. 12.	Black Head; Illawarra; Muree, N. S. Wales.
<i>P. naticoides</i> , de <i>Koninck.</i>	U. Pal. (Carb.)	*Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 405, t. 31, f. 8; *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 101; *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 326, t. 23, f. 10.	Harper's Hill, N. S. Wales.
<i>P. nuda</i> , Dana.	U. Pal. (Carb.)	*Amer. Jour. Soc. 1847, iv. p. 151; *Geol. U. S. Explor. Exped. p. 706, Atlas, t. 9, f. 17.	Harper's Hill, N. S. Wales.
<i>P. rotunda</i> , <i>Etheridge.</i>	U. Pal. (Carb.)	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 336, t. 18, f. 3.	Cracow Creek, Qu.
<i>P. striata</i> , J. Sow.	U. Pal. (Carb.)	<i>Helix?</i> *Min. Con. 1817, ii. p. 159, t. 171, f. 1; <i>Pleurotomaria</i> , Phillips, *Geol. York. 1836, ii. p. 226; <i>Ptychomphalus</i> , Agassiz, *Traduct. de la Conch. Miner. de Sowerby, 1838, p. 222, t. 115, f. 1—3!; <i>Pleurotomaria</i> , de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 399, t. 31, f. 2 a—c; <i>id.</i> Brown, *Foss. Conch. 1849, p. 86, t. 40, f. 15 and 16; <i>id.</i> Morris, Cat. Brit. Foss. 1854, 2nd ed. p. 273; <i>id.</i> M'Coy,	Duguid's Hill, N. S. Wales.

(Gasteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Strzeleckiana</i> , <i>Morris</i> .	U.Pal.(Carb.)	*Brit. Pal. Foss. p. 529; <i>id.</i> de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 323, t. 23, f. 11. <i>Strzelecki's</i> *Phys. Descrip. N. S. Wales, 1845, p. 287, t. 18, f. 5; M'Coy, Annals Nat. Hist. 1847, xx. p. 306; Dana, *Geol. U. S. Explor. Exped. p. 707; Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. pp. 87 and 89; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4.	Glendon; Harper's Hill; Wollongong; Illawara, N. S. Wales.
<i>P. subcancellata</i> , <i>Morris</i> .	U.Pal.(Carb.)	<i>P. cancellata</i> , Strzelecki, Physic. Descrip. N. S. Wales, 1845, p. 91; <i>P. subcancellata</i> , Morris, Strzelecki's * <i>id.</i> p. 288, t. 18, f. 6; <i>id.</i> M'Coy, Annals Nat. Hist. 1847, xx. p. 305; <i>P. cancellata</i> , Grange, Dumont-d'Urville's Voyage au Pole Sud, Géologie, 1854, ii. p. 89; <i>P. subcancellata</i> , de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 322.	Illawara; Loder's Creek; Muree, N. S. Wales.
<i>P. subconica</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 121, Atlas, t. 4, f. 7.	Yass, N. S. Wales.
<i>P. triflata</i> , <i>Dana</i> .		Vide <i>Murchisonia</i> .	

Genus **Porcellia**, *Leveille*, 1835. (Mém. Soc. Géol. France, ii. p. 39; Stoliczka, Pal. Indica, ii. p. 381.)—*Prosobr.-Pleurotomariidæ*.

<i>P. Woodwardii</i> , <i>Martin</i> .	U.Pal.(Carb.)	<i>Conch. (N. Ammonites)</i> , *Pet. Derb. 1809, t. 35, f. 4 and 5; <i>Nautilus</i> , J. de C. Sowerby, *Min. Con. 1827, vi. p. 138, t. 571, f. 3; <i>Bellerophon</i> , Phillips, *Geol. York. 1836, ii. p. 231, t. 17, f. 1—3; <i>Porcellia</i> , de Koninek, *Descrip. Anim. Foss. Terr. Carb. Belg. 1844, p. 360, t. 28, f. 2; <i>Bellerophon</i> , Brown, *Foss. Conch. 1849, p. 38, t. 26, f. 14 and 20, t. 23, f. 12; <i>Porcellia</i> , Morris, Cat. Brit. Foss. 2nd ed. 1854, p. 289; <i>id.</i> de Koninek, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 319, t. 23, f. 8.	Burrageood, N. S. Wales.
---	---------------	---	--------------------------

Genus **Trochus**, *Linnaeus*, 1758. (Systema, ed. 10, p. 756; Lamarck, Prodrôme, 1799, p. 74; Système, 1801, p. 85; *id.* Histoire, 1822, vii. p. 9; Adams, Genera, 1854, i. p. 412.)—*Prosobr.-Turbinidæ*.

<i>T. oculus</i> , <i>J. de C. Sowerby</i> .	Vide <i>Platyschisma ocula</i> .
--	----------------------------------

(Pteropoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Genus *Turritella*, *Lamarck*, 1799. (Prodrome, p. 74; Système, 1801, p. 89; Adams, Genera, 1854, i. p. 351.)—*Prosobr.-Turritellidæ*.

T. tricineta, *Morris*. | Vide *Murchisonia?* *tricineta*. |

Class—Pteropoda. *Section*—Thecosomata.

Genus *Conularia*, (*Miller*) *J. Sowerby*, 1820 (see p. 26).—?*Hyaleidæ*.

<i>C. inornata</i> , <i>Dana</i> .	U.Pal.(Carb.)	*Geol. U. S. Expl. Expd. p. 709, Atlas, t. 10, f. 8; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 314, t. 22, f. 14.	Glendon, N. S. Wales.
<i>C. lævigata</i> , <i>Morris</i> .	U.Pal.(Carb.)	Stirzelecki's *Phys. Descr. N. S. Wales, 1845, p. 290, t. 18, f. 9; M'Coy, Annals Nat. Hist. 1847, xx. p. 306; <i>Dana</i> , *Geol. U. S. Expl. Expd. p. 710, t. 10, f. 9; Grange, Dumont-d'Urville's Voy. au Pole Sud, Géologie, 1854, ii. pp. 85 and 89; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4; Clarke, S. Goldfields, 1860, p. 288; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 313, t. 23, f. 1.	Illawara, N. S. Wales. Raymond Terrace; Harper's Hill, N. S. Wales.
<i>C. quadrisulcata</i> , <i>Miller</i> .	U.Pal.(Carb.)	<i>J. Sowerby</i> , *Min. Con. iii. 1820, p. 107, t. 260, f. 3—5; M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 26; <i>id.</i> *Brit. Pal. Foss. p. 528; Brown, *Foss. Conch. 1849, p. 43, t. 29, f. 27; de Kon. *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 311, t. 23, f. 3.	Buchan; Gloucester, N. S. Wales.
<i>C. tenuistriata</i> , <i>M'Coy</i> .	U.Pal.(Carb.)	*Annals Nat. Hist. 1847, xx. p. 307, t. 17, figs. 7 and 8; <i>Dana</i> , *Geol. U. S. Expl. Expd. p. 710; M'Coy, *Proc. R. Soc. V. D. Land, 1851, i. p. 330, t. 17, figs. 7 and 8; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 310, t. 23, f. 2.	Muree, N. S. Wales.
<i>C. torta</i> , <i>M'Coy</i> .	U.Pal.(Carb.)	*Annals Nat. Hist. 1847, xx. p. 306, t. 17, figs. 9 and 10; *Proc. R. Soc. V. D. Land, 1851, i. p. 329, t. 17, figs. 9 and 10; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 4.	Muree, N. S. Wales.

(Pteroda—Cephalopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Theca</i> (<i>J. de C. Sowerby</i> , ms.), <i>Morris</i> , 1845. (Strzelecki's <i>Phys. Deser. N. S. Wales</i> , p. 289.)— <i>Hyaleidæ</i> .			
<i>T. lanceolata</i> , <i>Morris</i> .	U. Pal. (Carb.)	* <i>l. c.</i> t. 18, f. 8; <i>M'Coy</i> , <i>Annals Nat. Hist.</i> 1847, xx. p. 306; <i>Dana</i> , * <i>Geol. U. S. Expl. Expd.</i> p. 708, <i>Atlas</i> , t. 10, f. 7; <i>Grange</i> , <i>Dumont-d'Urville's Voyage au Pole Sud, Géologie</i> , 1854, II. p. 89; <i>Clarke</i> , <i>S. Goldfields</i> , 1860, p. 288.	Black Head; Illawara, <i>N. S. Wales</i> .

Class—Cephalopoda. Order—Tetrabranchiata.

Genus <i>Cameroceras</i> , <i>Conrad</i> , 1842. (<i>Jour. Acad. Nat. Sc. Philadel.</i> VIII. pt. 2, p. 267; <i>S. P. Woodward</i> , <i>Man. Moll.</i> 2nd ed. 1868, p. 191.)— <i>Orthoceratidæ</i> .			
<i>C. Phillipsii</i> , <i>de Kon.</i>	U. Pal. (Carb.)	<i>Orthoceras laterale</i> , <i>de Koninck</i> , * <i>Descrip. Anim. Foss. Terr. Carb. Belg.</i> 1843, p. 508, t. 43, f. 2 <i>a</i> and <i>b</i> (non <i>Phillips</i>); <i>C. Phillipsii</i> , * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 344, t. 24, f. 1.	Chinaman's Gully, <i>N. S. Wales</i> .
Genus <i>Cyrtoceras</i> , <i>Goldfuss</i> , 1832. (<i>De la Beche's Handb. d. Geognosie</i> , p. 536; <i>S. P. Woodward</i> , <i>Man. Moll.</i> 2nd ed. 1868, p. 194.)— <i>Orthoceratidæ</i> .			
<i>C. textile</i> , <i>de Kon.</i>	Mid. Pal. (L. Dev.).	* <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1876, p. 131, t. 4, f. 13.	Yass, <i>N. S. Wales</i> .
Genus <i>Goniatites</i> , <i>de Haan</i> , 1825. (<i>Mon. Ammon. et Goniatites</i> , p. 39.) ?= <i>Aganides</i> , <i>Montfort</i> , 1808.— <i>Ammonitidæ</i> .			
<i>G. micromphalus</i> , <i>Morris</i> .	U. Pal. (Carb.)	<i>Bellerophon</i> , <i>Strzelecki's *Phys. Descrip.</i> <i>N. S. Wales</i> , 1845, p. 288, t. 18, f. 7; <i>id.</i> <i>M'Coy</i> , <i>Annals Nat. Hist.</i> 1847, xx. p. 308; <i>id.</i> <i>Dana</i> , * <i>Geol. U. S. Explor. Expd.</i> p. 708, t. 10, f. 6; ? <i>B. undulatus</i> , <i>id.</i> <i>ibid.</i> p. 707, t. 10, f. 4; <i>ibid.</i> <i>id.</i> * <i>American Jour. Sc.</i> 1847, IV. p. 151; <i>B. micromphalus</i> , <i>Grange</i> , <i>Dumont-d'Urville's Voyage au Pole Sud, Géologie</i> , 1854, II. p. 89; <i>B. micromphalus</i> et ? <i>B. undulatus</i> , <i>Clarke</i> , <i>S. Goldfields</i> , 1860, p. 288; <i>Goniatites</i> , <i>de Koninck</i> , * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 339, t. 24, f. 5.	Illawara; Wollongong; Muree; Harper's Hill, <i>N. S. Wales</i> .

(Cephalopoda.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>G. strictus</i> , Dana.	U. Pal. (Carb.)	<i>Bellerophon</i> , *American Jour. Sc. 1847, iv. p. 151; <i>id.</i> *Geol. U. S. Explor. Exped. p. 707, t. 10, f. 5; <i>id.</i> Clarke, S. Goldfields, 1860, p. 288; <i>Goniatites</i> , de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 341.	Wollongong; Harper's Hill, N. S. Wales.
<i>G. Woodsii</i> , de Kon.	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, pt. 2, p. 130, Atlas, t. 4, f. 15.	Yaralumla, N. S. Wales.

Genus *Nautilus*, *Breynius*, 1732 (Dissert. de Polythal; S. P. Woodward, Man. Moll. 2nd ed. 1868, p. 185).—*Nautilidæ*.

<i>N. subsulcatus</i> , Phillips.	U. Pal. (Carb.)	*Geol. York. 1836, ii. p. 233, t. 17, f. 18 and 25; J. de C. Sowerby, *Trans. Geol. Soc. 1840, v. t. 40, f. 7; de Koninck, *Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 548, t. 30, f. 6 a—d, t. 47, f. 9, t. 49, f. 4 a and b; <i>N. (Discites)</i> M'Coy, *Synop. Carb. Foss. Ireland, 1844, p. 19; de Koninck, *Mon. Foss. Carb. Bleiberg en Carinthie, 1873, p. 110, t. 4, f. 10; <i>id.</i> *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 345, t. 24, f. 4.	Karua, N. S. Wales.
<i>N. sp. ind.</i>	U. Pal. (Carb.)	M'Coy, Annals Nat. Hist. 1847, xx. p. 308.	Dunvegan, N. S. Wales.

Genus *Orthoceras*, *Breynius*, 1732 (see p. 26).—*Orthoceratidæ*.

<i>O. Martinianum</i> , de Koninck.	U. Pal. (Carb.)	*Descrip. Anim. Foss. Terr. Carb. Belgique, 1843, p. 505, t. 44, f. 4; ? <i>O. Martinianum</i> , *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 343, t. 24, f. 3.	Karua, N. S. Wales.
<i>O. striatum</i> , J. Sow.	U. Pal. (Carb.)	<i>Orthocera striata</i> , *Min. Con. 1814, i. p. 129, t. 58; <i>Orthoceras striatum</i> , M'Coy, Synop. Carb. Foss. Ireland, 1844, p. 8; <i>ibid.</i> <i>id.</i> (pars), *Brit. Pal. Foss. p. 405; de Koninck, *Foss. Pal. Nouv.-Galles du Sud, 1877, pt. 3, p. 341, t. 24, f. 2.	Wollongong; Russell's Shaft, Stony Creek, N. S. Wales.
<i>O. subdimidiatum</i> , de Koninck.	Mid. Pal. (L. Dev.)	*Foss. Pal. Nouv.-Galles du Sud, 1876, p. 132, Atlas, t. 4, f. 14.	Yass, N. S. Wales.

Genus *Phragmoceras* (*Broderip*), J. de C. Sowerby, 1839. (Murchison's Sil. System, p. 621; S. P. Woodward, Man. Moll. 2nd ed. 1868, p. 194).—*Orthoceratidæ*.

<i>P. subtrigonum</i> , M'Coy.	Mid. Pal. (M. Dev.)	*Geol. Survey, Vict. Dec. iv. 1876, p. 18, t. 35, f. 6 a and b; Smyth's Progress Report, 1876, iii. p. 62; Couchman's <i>ibid.</i> 1877, iv. p. 17.	Buchan, Vict.
--------------------------------	---------------------	---	---------------

(Pisces.)

(Mid. and Up. Palæozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Sub-kingdom—Vertebrata. Class—Pisces.</i>			
Genus Asterolepis , <i>Eichwald</i> , 1840. (Neues Jahrbuch, p. 425; Agassiz, Mon. Poiss. Foss. V. G. R. 1844, p. 89.)— <i>Ganoidei-Placodermata</i> .			
A. ornata , <i>Agassiz</i> .	Mid. Pal. (M. Dev.)	<i>loc. cit.</i> p. 425 note; Agassiz, * <i>loc. cit.</i> p. 93, Atlas, t. 30, f. 2—9; Eichwald, *Placodermen d. Devon. Syst. 1857, p. 44, t. 5, f. 5—10, t. 9, f. 1—9 !; <i>id.</i> * <i>Lethæa Rossica</i> , 1860, i. p. 1508, Atlas, t. 56, f. 1; M ^c Coy, in Smyth's Progress Report, 1876, III. p. 62; <i>id.</i> Couchman's Progress Rep. 1877, iv. p. 17; <i>A. ornata</i> , var. <i>Australis</i> , M ^c Coy, *Geol. Survey, Vict. Dec. iv. 1876, p. 19, t. 35, f. 7 a and b.	Buchan R., <i>Vict.</i>

Genus **Tomodus** (*Agassiz*, ms.), *Morris and Roberts*, 1862 (Quart. Jour. Geol. Soc. XVIII. p. 101)—*Selachii-Cochliodontida*.

T. convexus , <i>Agassiz</i> .	U. Pal. (Carb.)	<i>Agassiz</i> (ms.), in <i>Morris and Roberts</i> , <i>loc. cit.</i> p. 101; <i>Owen</i> , * <i>Geol. Mag.</i> 1869, iv. p. 62, t. 4, f. 2—5; <i>Barkas and Davies</i> , <i>Geol. Mag.</i> Dec. 2, 1874, i. p. 548; <i>de Koninck</i> , * <i>Foss. Pal. Nouv.-Galles du Sud</i> , 1877, pt. 3, p. 354, t. 24, f. 11; ? <i>Cochliodus magnus</i> , (pars) <i>Agassiz</i> .	<i>Tillegary</i> , <i>N. S. Wales</i> .
---------------------------------------	-----------------	--	---

MESOZOIC.

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Kingdom—Plantæ. Section—Cryptogamia. Class—Acotyledones.</i>			
Genus <i>Anarthrocanna</i> , Göppert, 1845. (Tchihatcheff's L'Altai Oriental, p. 379.) <i>Equisetaceæ.</i>			
<i>A. Australis</i> , Dana.	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	*Geol. U. S. Expl. Expd. p. 720, Atlas, t. 14, f. 13.	Mouth of Hunter River, Newcastle, N. S. Wales.
Genus <i>Confervites</i> , Brongniart, 1828. (Hist. Vég. Foss. i. p. 35; <i>Confervides</i> , Schimper, Traité de Pal. Vég. 1869, i. p. 153.)— <i>Algales-Confervaceæ.</i>			
<i>C. ? tenella</i> , Dana.	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	*Geol. U. S. Expl. Expd. p. 720, Atlas, t. 14, f. 9.	N. S. Wales.
Genus <i>Cyclopteris</i> , Brongniart, 1828. (Prodrome, p. 51; Histoire Vég. Foss. p. 215; Schimper, Traité de Pal. Vég. 1866, i. pp. 366 and 420.)— <i>Filices-Neuropteridæ.</i>			
<i>C. angustifolia</i> , M'Coy.		Vide <i>Gangamopteris angustifolius</i> , M'Coy.	
<i>C. cuneata</i> , Carruthers.	L. Mes. (Up. Coal M. of Qu. Land ? = Trias).	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 355, t. 27, f. 5; Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 4, p. 123.	Tivoli Coal Mine, Qu.
Genus <i>Gangamopteris</i> , M'Coy, 1860. (Trans. R. Soc. Vict. v. p. 107 note; Geol. Survey, Vict. Déc. iii. p. 11; Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 3, p. 73.)— <i>Filices-Neuropteridæ.</i>			
<i>G. angustifolius</i> , M'Coy.	L. Mes. (Bacchus Marsh Sandstone).	<i>Cyclopteris</i> , *Annals Nat. Hist. 1847, xx. p. 148, t. 9, f. 3; <i>id.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 306, t. 9, f. 3; <i>Cyclopteris</i> , Unger, *Genera et Spec. 1850, p. 95; <i>Gangamopteris</i> , Trans. R. Soc. Vict. 1860, v. p. 107; <i>id.</i> Annals Nat. Hist. 1867, xx. p. 198; <i>id.</i> Smyth's Progress Report, 1874, p. 34; <i>id.</i> *Geol. Survey, Vict. 1875, Dec. ii. p. 11, t. 12, f. 1, t. 13, f. 2; <i>id.</i> Feistmantel, Rec. Geol. Survey, India, 1876, ix. pt. 4, p. 123.	Guntawang, N. S. Wales. Bacchus Marsh, Vict.
<i>G. longifolius</i> , M'Coy.	L. Mes. (Bacchus Marsh Sandstone).	Selwyn, Phys. Geog. Geol. and Miner. Vict. 1866, p. 16; <i>id.</i> Descript. Cat. National Mus. Melbourne, Geol. Survey, Vict. 1868, p. 51.	Bacchus Marsh, Vict.

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>G. obliqua</i> , <i>M'Coy</i> .	L. Mes. (Bacchus Marsh Sandstone).	Smyth's Progress Report, 1874, p. 34; *Geol. Survey, Vict. 1875, Dec. II, p. 13, t. 12, figs. 2—4; Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 4, p. 123.	Bacchus Marsh, Vict.
<i>G. spatulata</i> , <i>M'Coy</i> .	L. Mes. (Bacchus Marsh Sandstone).	Smyth's Progress Report, 1874, p. 34; *Geol. Survey, Vict. Dec. II, 1875, p. 12, t. 13, f. 1; Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 4, p. 123.	Bacchus Marsh, Vict.

Genus *Glossopteris*, *Brongniart*, 1828 (see p. 30).—*Filices*.

<i>G. ampla</i> , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S. Wales ?=Trias).	*Geol. U. S. Expl. Exp. p. 717, Atlas, t. 13, f. 1.	Newcastle and Illawara, N. S. Wales.
<i>G. Browniana</i> , <i>Brongniart</i> ¹ .	L. Mes. (Up. Coal M. of N.S. Wales ?=Trias).	*Prodrome, 1828, p. 54; <i>G. Browniana</i> , var. <i>Australasiaca</i> , *Hist. Végét. Foss. 1828, I. p. 223, t. 62; Morris, Strzelecki's *Phys. Deser. N. S. Wales and V. D. Land, 1845, p. 247, t. 6, f. 1; M'Coy, *Annals Nat. Hist. 1847, xx. p. 150; <i>id.</i> *Proc. R. Soc. V. D. Land, 1851, I. p. 307; Dana, *Geol. U. S. Expl. Expd. p. 716, Atlas, t. 14, figs. 12? and 13; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Bunbury, Quart. Jour. Geol. Soc. 1860, xvi. p. 330, t. 9, figs. 1—4; Göppert, *Syst. Fil. Foss. p. 364, t. 21, figs. 9 and 10; Unger, Gen. et Spec. 1850, p. 169; Schimper, *Traité de Pal. Vég. 1869, I. p. 645; Carruthers, Quart. Jour. Geol. Soc. 1872, xxviii. p. 354; M'Coy, Smyth's Progress Report, 1874, p. 24; <i>id.</i> Geol. Survey, Vict. Dec. I. 1874, p. 34; Clarke, Remarks Sed. Forms. N. S. Wales, 3rd ed. 1875, pp. 19—36; Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 3, p. 72. <i>id.</i> <i>ibid.</i> ix. pt. 4, p. 124.	Newcastle; Jerry's Plain; Mulu-bimba; Illawara, N. S. Wales. Tasmania (M'Coy).
<i>G. ? cordata</i> , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S. Wales ?=Trias).	*Geol. U. S. Expl. Expd. p. 718, Atlas, t. 13, f. 5.	Illawara, N. S. Wales.
<i>G. elongata</i> , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S. Wales ?=Trias).	*Geol. U. S. Expl. Expd. p. 718, Atlas, t. 13, f. 4.	Newcastle, N. S. Wales.

¹ See also p. 30.

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>G. linearis</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S.Wales ?=Trias).	*Annals Nat. Hist. 1847, xx. p. 151, t. 9, f. 5; *Proc. R. Soc. V. D. Land, 1851, i. p. 308, t. 9, f. 5; Unger, Genera et Spec. 1850, p. 169.	Wollongong and Arowa, N. S. Wales.
<i>G. reticulatum</i> ¹ , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S.Wales ?=Trias).	*Geol. U. S. Expl. Expd. p. 717, Atlas, t. 13, f. 1.	Newcastle and Illawarra, N. S. Wales.

Genus *Odontopteris*, *Brongniart*, 1828. (Prodrome, p. 60; Hist. Vég. Foss. p. 250; Schimper, *Traité de Pal. Vég.* 1869, i. p. 453.)—*Filices-Neuropteridæ*.

<i>O. microphylla</i> , <i>M'Coy</i> .	L. Mes. (Wianamatta beds of N.S.Wales ?=Trias).	*Annals Nat. Hist. 1847, xx. p. 147; *Proc. R. Soc. V. D. Land, 1851, i. p. 305; Unger, Genera et Spec. 1850, p. 90; Clarke, S. Goldfields, 1860, p. 285; <i>id.</i> Remarks Sed. Forms. N. S. Wales, 3rd ed. 1875, p. 41.	Clark's Hill, N. S. Wales.
--	---	--	----------------------------

Genus *Otopteris*, *Lindley* and *Hutton*, 1833? (Fossil Flora, ii. p. 129; Schimper, *Traité de Pal. Vég.* 1869, i. p. 483.)—*Filices-Neuropteridæ*.

<i>O. ovata</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S.Wales ?=Trias).	*Annals Nat. Hist. 1847, xx. p. 148, t. 9, f. 2; *Proc. R. Soc. V. D. Land, 1851, i. p. 303, t. 9, f. 2; <i>Odontopteris</i> , Unger, Genera et Spec. 1850, p. 89; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3.	Arowa, N. S. Wales.
----------------------------------	---	---	---------------------

Genus *Pecopteris*, *Brongniart*, 1828. (Prodrome, p. 54; Hist. Vég. Foss. p. 267; Schimper, *Traité de Pal. Vég.* 1869, i. p. 498.)—*Filices-Pecopteridæ*.

<i>P. Australis</i> , <i>Morris</i> .	L. Mes. (Up. Coal M. of N.S.Wales; Bellarine beds of Vict. ?=Trias).	Strzelecki's *Phys. Descr. N. S. Wales and V. D. Land, 1845, p. 248, t. 7, figs. 1 and 2; M'Coy, Annals Nat. Hist. 1862, ix. p. 143; <i>id. ibid.</i> 1867, xx. p. 197; <i>Alethopteris</i> , Schimper, * <i>Traité de Pal. Végét.</i> 1869, i. p. 569; <i>Pecopteris</i> , M'Coy, Smyth's Progress Rept. 1874, pp. 24 and 35; <i>id.</i> Geol. Survey, Vict. Dec. i. 1874, p. 34; <i>id. ibid.</i> *Dec. ii. 1875, p. 16, t. 14, f. 3; <i>Pecopteris</i> , Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 4, p. 123; ?= <i>Alethopteris Whitbyensis</i> (Göpp.), Feistmantel, Pal. Indica, 1876, xi. p. 24; <i>Alethopteris Australis</i> , <i>id. ibid.</i> ser. ii. no. 2, 1877, p. 89.	Jerusalem Basin, Tas. Bellarine, Vict.
---------------------------------------	--	---	--

¹ In the character of its reticulation, this form closely resembles the second figure of *G. Browniana*, given by *Brongniart* (*l. c.* t. 62, f. 2). *Dana*.

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. odontopteroides</i> , <i>Morris</i> .	L. Mes. (Up. Coal M. of Q. Land). L. Mes. (Wianamatta beds of N.S. Wales ? Trias).	Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 249, t. 6, f. 2—4; <i>Gleichenites</i> , M'Coy, *Annals Nat. Hist. 1847, xx. p. 147; <i>id. ibid.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 305; <i>id.</i> Milligan, Proc. R. Soc. V. D. Land, 1851, i. p. 24; <i>id.</i> Unger, *Gen. et Sp. 1850, p. 208; <i>Cycadopteris</i> , Schimper, *Traité de Pal. Vég. 1869, i. p. 488; <i>Alethopteris</i> ? * <i>id. ibid.</i> p. 569; <i>Pecopteris</i> , Carruthers, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 355, t. 27, f. 2 and 3; <i>Gleichenites</i> , Clarke, Remarks Sed. Forms. N. S. Wales, 1875, 3rd ed. p. 41; <i>Odontopteris</i> , Crepin, *Bull. de l'Acad. R. Belgique, 1875, xxxix. p. 258, f. 1—5; <i>Pecopteris</i> (<i>Thinnfeldia</i> ?), Feistmantel, Records Geol. Survey, India, 1876, ix. pt. 4, pp. 123, 124.	Clark's Hill, N. S. Wales. Jerusalem Basin and Whale's Head, Tas. Tivoli Coal Mine, Qu.
<i>P. ? tenuifolia</i> , M'Coy.	L. Mes. (Wianamatta beds of N.S. Wales ? = Trias).	*Annals Nat. Hist. 1847, xx. p. 152, t. 9, f. 6; *Proc. R. Soc. V. D. Land, 1851, i. p. 308, t. 9, f. 6; Clarke, S. Goldfields, 1860, p. 285; <i>id.</i> Remarks Sed. Forms. N. S. Wales, 3rd ed. 1875, p. 41.	Clark's Hill, N. S. Wales.
<i>P. sp. ind.</i>	L. Mes.	M'Coy, in Selwyn's Progress Rep. Geol. Survey, Vict. 1861—62, t. 3.	Victoria.

Genus *Phyllothea*, Brongniart, 1828. (Prodrome, p. 151; Schimper, Traité de Pal. Vég. i. p. 288.)—*Equisetacea*?

<i>P. Australis</i> , Brong.	L. Mes. (Up. Coal M. of N.S. Wales; Cape Patterson beds of Victoria ? = Trias).	*Prodrome, 1828, p. 152; Morris, Strzelecki's *Phys. Descr. N. S. Wales and V. D. Land, 1845, p. 250; Lindley and Hutton, Foss. Flora, 1833—35, ii. p. 89; M'Coy, *Annals Nat. Hist. 1847, xx. p. 156; <i>id.</i> *Proc. R. Soc. V. D. Land, 1851, i. p. 312; Dana, *Geol. U. S. Expl. Expt. p. 718, Atlas, t. 13, f. 6, t. 14, f. 1; Clarke, S. Goldfields, 1860, p. 285; Selwyn, Phys. Geog. Geol. Mineral, Vict. 1866, p. 20; Unger, Gen. et Spec. 1850, p. 73; de Zigno, *Fl. Foss. Form. Ool. 1856—68, i. p. 55; M'Coy, Annals Nat. Hist. 1867, xx. p. 196; Schimper, *Traité Pal. Vég. 1869, i. p. 289; M'Coy,	Newcastle, N. S. Wales. Cape Patterson, Vict.
------------------------------	---	--	--

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Hookeri</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	Westernport Coal-fields Rept. 1872, p. 6; <i>id.</i> Smyth's Progress Report, 1874, pp. 24 and 35; Feistmantel, Records Geol. Sur. India, ix. pt. 4, p. 124. *Annals Nat. Hist. 1847, xx. p. 157, t. 11, figs. 4—7; *Proc. R. Soc. V. D. Land, 1851, i. p. 313, t. 11, figs. 4—7; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Clarke, S. Goldfields, 1860, p. 285; de Zigno, *Fl. Foss. Form. Ool. 1856—68, i. p. 59; Schimper, *Traité Pal. Vég. 1869, i. p. 289; Unger, Genera et Spec. 1850, p. 73.	Mulubimba; Clark's Hill, and Arowa, N. S. Wales.
<i>P. ramosa</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	*Annals Nat. Hist. 1847, xx. p. 156, t. 11, figs. 2 and 3; *Proc. R. Soc. V. D. Land, 1851, i. p. 312, t. 11, figs. 2 and 3; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Clarke, S. Goldfields, 1860, p. 285; Unger, Genera et Spec. 1850, p. 73; de Zigno, *Fl. Foss. Form. Ool. 1856—68, i. p. 57; Schimper, *Traité de Pal. Vég. 1869, i. p. 289.	Mulubimba, N. S. Wales.

Genus *Sphenopteris*¹, *Brongniart*, 1828 (see p. 32).—*Filices-Sphenopteridae*.

<i>S. alata</i> , <i>Brongniart</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	<i>Pecopteris</i> , *Hist. Vég. Foss. 1828, i. p. 361, t. 127; <i>Sphenopteris alata</i> , var. <i>exilis</i> , Morris, Strzelecki's *Phys. Descr. N. S. Wales and V. D. Land, 1845, p. 246, t. 7, f. 4; <i>S. alata</i> , <i>M'Coy</i> , Annals Nat. Hist. 1847, xx. p. 149; <i>id. ibid.</i> Proc. R. Soc. V. D. Land, 1851, i. p. 306; Schimper, *Traité de Pal. Vég. 1869, i. p. 411; Clarke, Remarks Sed. Forms. N. S. Wales, 3rd ed. 1875, p. 41.	Newcastle and Mulubimba, N. S. Wales.
<i>S. elongata</i> , <i>Carruthers</i> .	L. Mes. (Up. Coal M. of Q. Land ? = Trias).	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 355, t. 27, f. 1.	Tivoli Coal Mine, Qu.
<i>S. flexuosa</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	*Annals Nat. Hist. 1847, xx. p. 150, t. 9, f. 4; *Proc. R. Soc. V. D. Land, 1851, i. p. 307, t. 9, f. 4; Plews, Mining Inst. Jour. 1858,	Mulubimba, N. S. Wales.

¹ The Rev. W. B. Clarke mentions in his *Southern Goldfields*, p. 285, the occurrence of *S. linearis* in New South Wales, but does not give the author of the species. In the *Mining Institution Journal*, vi. pt. 3, pl. 3, Mr H. F. Plews figures a fern under the name of *S. macilenta*? also without the name of the author. Both these names have been given to British Carboniferous species, but whether identical species are meant I am unable to say.

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. germanus</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	vi. pt. 3, t. 3; Clarke, S. Goldfields, 1860, p. 285; Schimper, * <i>Traité de Pal. Vég.</i> 1869, i. p. 411; Unger, Gen. et Spec. 1850, p. 127. * <i>Annals Nat. Hist.</i> 1847, xx. p. 150, t. 10, f. 2; * <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 307, t. 10, f. 2; Unger, Gen. et Spec. 1850, p. 127; Schimper, * <i>Traité de Pal. Vég.</i> 1869, i. p. 411.	Mulubimba, N. S. Wales.
<i>S. hastata</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	* <i>Annals Nat. Hist.</i> 1847, xx. p. 149, t. 10, f. 1; * <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 306, t. 10, f. 1; Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; Unger, Gen. et Spec. 1850, p. 127; Schimper, * <i>Traité de Pal. Vég.</i> 1869, i. p. 410.	Mulubimba, N. S. Wales.
<i>S. lobifolia</i> , <i>Morris</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	Strzelecki's * <i>Phys. Deser. N. S. Wales and V. D. Land</i> , 1845, p. 246, t. 7, f. 3; <i>M'Coy, Annals Nat. Hist.</i> 1847, xx. p. 149; <i>id.</i> <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 306; Dana, * <i>Geol. U. S. Expl. Expd.</i> p. 715, Atlas, t. 12, f. 12.	Newcastle and Mulubimba, N. S. Wales.
<i>S. plumosa</i> , <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	* <i>Annals Nat. Hist.</i> 1847, xx. p. 150, t. 10, f. 3; * <i>Proc. R. Soc. V. D. Land</i> , 1851, i. p. 307, t. 10, f. 3; Unger, Gen. et Spec. 1850, p. 127; Schimper, * <i>Traité de Pal. Vég.</i> 1869, i. p. 411.	Mulubimba, N. S. Wales.
<i>S. sp. ind.</i>	L. Mes.	<i>M'Coy, Selwyn's Geol. Survey Rept. Vict.</i> 1861—62, t. 3; Wilkinson, <i>Geol. Report Cape Otway Dist.</i> 1865, p. 22; Smyth's <i>Progress Report</i> , 1874, p. 35.	Wild Dog Creek, Apollo Bay, <i>Vict.</i>

Genus *Taniopteris*, *Brongniart*, 1828. (*Prodrome*, p. 61; *Hist. Vég. Fos.* p. 262; Schimper, *Traité de Pal. Vég.* i. p. 600.)—*Filices-Taniopteridea*.

<i>T. Daintreei</i> , <i>M'Coy</i> .	L. Mes. (Bellarine and Cape Patterson beds of Vict.). L. Mes. (Up. Coal M. of Qn. Land, ? = Trias).	<i>Trans. Roy. Soc. Vict.</i> 1860, v. pp. 196 and 215; Ex. Essay, 1861, p. 166; Hochstetter, <i>Verhandl. K. K. Geol. Reichsanstalt (Jahrb. 1861, XII.)</i> , p. 28; <i>M'Coy, Annals Nat. Hist.</i> 1862, ix. p. 143; <i>ibid.</i> 1867, xx. p. 196; Wilkinson, <i>Geol. Report Cape Otway Dist.</i> 1865, p. 22; Caruthers, * <i>Quart. Journ. Geol. Soc.</i> 1872, xxviii. p. 355, t. 27, f. 6; <i>M'Coy, Westernport Coalfields Report</i> , 1872, p. 6; <i>id.</i>	Bellarine; Barrabool Hills; Cape Patterson; Strzelecki Range; Murundal, <i>Vict.</i> Tivoli Coal Mine, <i>Qu.</i>
--------------------------------------	--	--	--

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		Smyth's Progress Report, 1874, p. 35; <i>id.</i> *Geol. Survey, Vict. 1875, Dec. II. p. 15, t. 14, figs. 1 and 2; Feistmantel, Records Geol. Survey, India, ix. pt. 4, pp. 123, 124; <i>id.</i> Pal. Indica, ser. II. no. 2, 1877, p. 95.	

Genus *Vertebraria*¹ (Royle), *M'Coy*, 1847. (Annals Nat. Hist. xx. p. 145.)
Marsillaceæ or *Equisetaceæ*?

V. Australis, <i>M'Coy</i> .	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	*Annals Nat. Hist. 1847, xx. p. 147, t. 9, f. 1; <i>Sphenophyllum</i> , Unger, Genera et Spec. 1850, p. 72; <i>Vertebraria</i> , <i>M'Coy</i> , *Proc. R. Soc. V. D. Land, 1851, I. p. 304, t. 9, f. 1; <i>id.</i> Plews, Mining Inst. Jour. 1858, vi. pt. 3, t. 3; <i>id.</i> Clarke, S. Goldfields, 1860, p. 285; <i>Sphenophyllum</i> , <i>id.</i> Quart. Jour. Geol. Soc. 1861, xvii. p. 359.	Mulubimba, N. S. Wales.
------------------------------	--	---	-------------------------

Section—Phanerogamia. Class—Monocotyledones (Endogens).

? Genus *Endogenophyllites* (? *M'Coy*, ms.).

E. Wellingtonensis, <i>M'Coy</i> (ms.).		Wintle, Monthly Notices R. Soc. Tas. 1869—70, p. 2.	Mount Wellington, Tas.
---	--	---	------------------------

Genus *Zeugophyllites*, *Brongniart*, 1828. (Prodrome, p. 121; *Schimper*, *Traité de Pal. Vég.* II. 504.)—*Palmaceæ*.

Z. elongatus, <i>Morris</i> .	L. Mes. (Up. Coal M. of N.S. Wales and Tas. ? = Trias).	Strzelecki's *Phys. Descr. N. S. Wales and V. D. Land, 1845, p. 250, t. 6, figs. 5 and 5 a; <i>M'Coy</i> , Annals Nat. Hist. 1847, xx. p. 152; <i>id.</i> Proc. R. Soc. V. D. Land, 1851, I. p. 309; <i>Neggerathia</i> , Dana, *Geol. U.S. Expl. Expd. p. 715; <i>id.</i> Clarke, Quart. Jour. Geol. Soc. 1861, xvii. p. 359; <i>Zeugophyllites</i> , <i>Schimper</i> , *Traité de Pal. Vég. 1869, I. p. 505; <i>id.</i> Unger, Gen. et Spec. 1850, p. 332; <i>Cordaites</i> ? <i>Crepin</i> , *Bull. de l'Acad. R. Belgique, 1875, xxxix. p. 265.	Mulubimba, N. S. Wales. Jerusalem Basin, Tas.
-------------------------------	---	---	--

Class—Dicotyledones (Exogens).

Genus *Bunyalites*, *M'Coy* (ms.), 1874. (Geol. Survey, Vict. Dec. I. pp. 32 and 34.)

B. sp. ind.	L. Mes. (Bellarine beds).	<i>M'Coy</i> , l. c.	Bellarine, Vict.
-------------	---------------------------	----------------------	------------------

¹ *Vertebraria* was proposed but not described by Royle in his *Illustrations of the Botany of the Himalaya Mountains*. (*M'Coy*.)

(Plantæ.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Genus *Cardiocarpum*¹, *Brongniart*, 1828. (Prodrome, p. 87; *Antholithus*, Schimper, *Traité de Pal. Vég.* iii. p. 564; *Cardiocarpon*, *Carruthers*, *Geol. Mag.* 1872, ix. p. 55; =*Antholithes*, L. & H.)—*Gymnosperma*?

<i>C. Australe</i> , <i>Carruthers</i> .	L. Mes. (Up. Coal M. of Q. Land).	* <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 356, t. 27, f. 4.	Tivoli Coal Mine, Qu.
--	-----------------------------------	---	-----------------------

Genus *Næggerathia*, *Sternberg*.—*Cycadaceæ*?

<i>N. media</i> , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S.Wales ? = Trias).	* <i>Geol. U. S. Expl. Exped.</i> p. 715, Atlas, t. 12, f. 10.	Hunter River, N. S. Wales.
<i>N. spatulata</i> , <i>Dana</i> .	L. Mes. (Up. Coal M. of N.S.Wales ? = Trias).	* <i>Geol. U. S. Expl. Exped.</i> p. 715, Atlas, t. 12, f. 9; <i>Clarke</i> , S. Goldfields, 1860, p. 285.	Illawara, N. S. Wales.

Genus *Zamites*, *Brongniart*, 1828. (Prodrome, p. 94; Schimper, *Traité de Pal. Vég.* ii. p. 151; *Feistmantel*, *Pal. Indica*, 1877, ser. ii. no. 2, p. 114.)—*Cycadaceæ*.

<i>Z. Barklyi</i> , <i>M'Coy</i> .	L. Mes. (Bellarine beds).	Ex. Essay, 1861, p. 165; <i>Annals Nat. Hist.</i> 1862, ix. p. 143; <i>Selwyn's Geol. Survey</i> , <i>Vict. Rept.</i> 1861—62, t. 2; <i>Annals Nat. Hist.</i> 1867, xx. p. 196; <i>Smyth's Progress Rept.</i> 1874, p. 35; <i>Z. (Podozamites)</i> , * <i>Geol. Survey</i> , <i>Vict.</i> Dec. 1874, i. p. 33, t. 8, figs. 1, 2 and 5.	Bellarine, <i>Vict.</i>
<i>Z. ellipticus</i> , <i>M'Coy</i> .	L. Mes. (Bellarine beds).	Ex. Essay, 1861, p. 165; <i>Annals Nat. Hist.</i> 1862, ix. p. 143; <i>Selwyn's Geol. Survey</i> , <i>Vict. Rept.</i> 1861—62, t. 3; <i>Annals Nat. Hist.</i> 1867, xx. p. 196; <i>Smyth's Progress Rept.</i> 1874, p. 35; <i>Z. (Podozamites)</i> , * <i>Geol. Survey</i> , <i>Vict.</i> Dec. 1874, i. p. 35, t. 8, f. 4.	Bellarine, <i>Vict.</i>
<i>Z. longifolius</i> , <i>M'Coy</i> (non <i>Brong.</i>).	L. Mes. (Bellarine beds).	Ex. Essay, 1861, p. 165; <i>Annals Nat. Hist.</i> 1862, ix. p. 143; <i>Selwyn's Geol. Survey</i> , <i>Vict. Rept.</i> 1861—62, t. 2; <i>Annals Nat. Hist.</i> 1867, xx. p. 196; <i>Smyth's Progress Rept.</i> 1874, p. 35; * <i>Geol. Survey</i> , <i>Vict.</i> Dec. i. 1874, p. 35, t. 8, f. 3.	Bellarine, <i>Vict.</i>

Kingdom—Animalia. Sub-kingdom—Protozoa. Class—Rhizopoda.
Order—Foraminifera.

Genus *Cristellaria*, *Lamarck*, 1812. (Restricted by d'Orbigny, 1826, *Ann. Sc. Nat.* vii. p. 290, including *Robulina*, d'Orbigny, loc. cit. p. 287.)
Perforata-Lagenida.

<i>C. acutaureicularis</i> , <i>Fichtel and Moll.</i>	Up. Oolite.	<i>Nautilus</i> , * <i>Testacea Microscop.</i> 1803, p. 102, t. 18, figs. g—i;	Wollumbilla, Qu.
---	-------------	--	------------------

¹ Written *Cardiocarpon* by *Brongniart*.

(Rhizopoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. cultrata</i> , Montfort. (var. of <i>C. calcar.</i> <i>Linn. ?</i>).	Up. Oolite.	<i>Cristellaria</i> , d'Orb. *Ann. Sc. Nat. 1826, vii. p. 292; <i>id.</i> Parker and Jones, Annals Nat. Hist. 1860, v. pp. 114, 183; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239; var. <i>longicostata</i> , <i>id.</i> * <i>ibid.</i> p. 242. <i>Robulus</i> , *Conch. Systémat. 1808, i. pp. 214, 215, no. 54; <i>Robulina</i> , d'Orb. *Ann. Sc. Nat. 1826, vii. p. 287; <i>id.</i> *Foram. Foss. Tert. Vien. 1846, p. 96, t. 4, figs. 10—13; <i>Cristellaria</i> , Parker and Jones, Annals Nat. Hist. 1860, vi. pp. 343, 347; <i>id. ibid.</i> 1863, xii. p. 436; Parker, Jones, and Brady, <i>ibid.</i> 1865, xvi. pp. 32, 35, t. 1, f. 39; <i>id.</i> Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 232; var. <i>radiata</i> , <i>id. ibid.</i> p. 242; <i>C. cultrata</i> , Parker, Jones, and Brady, Annals Nat. Hist. 1871, viii. pp. 240, 265, t. 10, f. 84.	Wollumbilla, Qu.

Genus *Dentalina*, d'Orbigny, 1826. (Ann. Sc. Nat. vii. p. 254.)
Perforata-Lagenida.

<i>D. communis</i> , d'Orb.	Up. Oolite.	<i>loc. cit.</i> ; *Mém. Soc. Géol. France, 1840, iv. p. 13, t. 1, f. 4; Jones, Parker, and Brady, *Mon. Crag. Foram. 1866, p. 57, t. 1, figs. 13—18, 20, t. 4, f. 10; Annals Nat. Hist. 1871, viii. p. 158, t. 9, f. 46; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239.	Wollumbilla, Qu.
-----------------------------	-------------	--	------------------

Genus *Planorbulina*, d'Orbigny, 1826. (Ann. Sc. Nat. vii. p. 280.)
Perforata-Globigerinidæ.

<i>P. lobatula</i> , d'Orb.	Up. Oolite.	<i>Serpula lobata</i> , Montagu, Test. Brit. t. 3, f. 57; <i>Truncatulina tuberculata</i> , d'Orb. *Ann. Sc. Nat. vii. p. 279; <i>T. lobatula</i> , d'Orb. *Foram. Foss. Tert. Vien. 1846, p. 168, t. 9, figs. 18—23; <i>Planorbulina (Truncatulina) lobatula</i> , Parker and Jones, Annals Nat. Hist. 1859, iv. pp. 339, 341; Parker, Jones, and Brady, <i>ibid.</i> 1865, xvi. t. 2, f. 77; <i>id. ibid.</i> 1871, viii. pp. 176, 266, t. 12, f. 136; <i>P. farcata</i> (F. and M.), var.	Wollumbilla, Qu.
-----------------------------	-------------	--	------------------

(Rhizopoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Ungeriana, d'Orb.</i>	Up. Oolite.	(<i>Truncatulina</i>) <i>lobatula</i> , Parker and Jones, *Phil. Trans. 1865, clv. p. 381, t. 14, figs. 3—6, t. 16, f. 18—20; <i>P. lobatula</i> , Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239. <i>Rotalia</i> , *Foram. Foss. Tert. Vien. 1846, p. 159, t. 8, figs. 16—18; <i>P. farcata</i> (F. and M.), var. <i>Ungeriana</i> , Parker and Jones, *Phil. Trans. 1865, clv. p. 382, t. 16, figs. 23—25; <i>P. Ungeriana</i> , Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239.	Wollumbilla, Qu.

Genus *Polymorphina, d'Orbigny*, 1826. (Ann. Sc. Nat. vii. p. 265.)
Perforata-Lagenida.

<i>P. gibba, d'Orb.</i>	Up. Oolite.	<i>Globulina</i> , *l. c. p. 266; Parker, Jones, and Brady, Annals Nat. Hist. 1865, xvi. p. 29, t. 2, f. 52; Brady, Parker, and Jones, *Trans. Linn. Soc. 1870, xxvii. p. 216, t. 39, f. 2 (for synonymy); Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239.	Wollumbilla, Qu.
<i>P. lactea, Walker and Jacob.</i>	Up. Oolite.	Parker and Jones, Annals Nat. Hist. 1859, iv. pp. 336, 341; Brady, Parker, and Jones, *Trans. Linn. Soc. 1870, xxvii. p. 213, t. 39, f. 1 (for synonymy); Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239.	Wollumbilla, Qu.

Genus *Vaginulina, d'Orbigny*, 1826. (Ann. Sc. Nat. vii. p. 257.)
Perforata-Lagenida.

<i>V. striata, d'Orb.</i>	Up. Oolite.	<i>loc. cit.</i> p. 257; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239; Parker, Jones, and Brady, Annals Nat. Hist. 1871, viii. p. 162, t. 9, f. 53.	Wollumbilla, Qu.
---------------------------	-------------	--	------------------

Order—Spongida.

Genus *Purisiphonia, Bowerbank*, 1870. (Quart. Jour. Geol. Soc. xxvi. p. 240.)
Silicea.

<i>P. Clarkei, Bowerb.</i>	Up. Oolite.	<i>loc. cit.</i> p. 241, t. 17, f. 1; Sollas, Annals Nat. Hist. 1877, xv. p. 288.	Wollumbilla, Qu.
----------------------------	-------------	---	------------------

(Echinodermata—Brachiopoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	------------------------	-------------	-----------------

Sub-kingdom—Annuloida. *Class*—Echinodermata.

Genus **Pentacrinus**, *Miller*, 1821. (Nat. Hist. Crinoidea, p. 45.)
Crinoidea-Pentacrinidae.

P. Australis, <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 243, t. 17, f. 3, t. 18, f. 1.	Mitchell Downs, Amby River; ?Wollumbilla, Qu.
------------------------------	-------------	---	---

Sub-kingdom—Annulosa. *Class*—Annelida.

Genus **Serpula**, *Linnaeus*, 1758. (Systema, ed. 10, p. 786.)—*Tubicola*.

S. intestinalis, <i>Phill</i> .	Up. Oolite.	*Geol. York. 1829, i. p. 138, t. 5, f. 21; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 239.	Queensland.
---------------------------------	-------------	---	-------------

Sub-kingdom—Mollusca. *Section*—Molluscoida. *Class*—Polyzoa.

Genus **Lepralia**, *Johnston*, 1838 (Hist. Brit. Zoophytes, p. 277) = *Berenicea*, *Flem.*
(non Lamx).—*Cheilostomata-Membraniporidae*.

L. Oolitica, <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 243, t. 17, f. 2.	Wollumbilla, Qu.
-----------------------------	-------------	--	------------------

Class—Brachiopoda.

Genus **Argiope**, *Deslongchamps*, 1842 (Méms. Soc. Linn. Normandie, vii. p. ix.¹
Davidson, Introduction, p. 72) = *Megathyris*, d'Orbigny.—*Clistenterata-Terebratulidae*.

A. punctata, <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 244, t. 10, f. 6.	Wollumbilla, Qu.
A. Wollumbillaensis, <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 243, t. 10, figs. 3—5.	Wollumbilla, Qu.

Genus **Discina**, *Lamarck*, 1819 (see p. 48).—*Tretenterata-Discinidae*.

D. apicalis, <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 244, t. 10, f. 13.	Wollumbilla, Qu.
-----------------------------	-------------	---	------------------

¹ *Note.* A Ventriculite is recorded by Mr F. T. Gregory, from the Greenough River, West Australia (*Quart. Jour. Geol. Soc.* xvii. p. 483). The siliceous cast of a Chalk *Micraster* was recognised by Mr Charles Moore, in a collection of fossils in the Exhibition of 1862, from the Greenough Flats, West Australia (*ibid.* xxvi. p. 28), and a species of Entomostraca from another West Australian collection (*l. c.* p. 231). In the Wollumbilla collection, scars on the interior of a *Panopaea* enabled Mr Moore to surmise the occurrence of *Cirripedes* in Australian Oolitic rocks (*l. c.* p. 243).

¹ The genus was proposed here, but not described.

(Brachiopoda—Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Lingula</i> , Bruguière, 1789 ¹ (see p. 49).— <i>Tretenterata-Lingulidæ</i> .			
<i>L. ovalis</i> , <i>J. Sowerby</i> .	Up. Oolite.	*Min. Con. i. p. 56, t. 19, f. 4; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 240.	Wollumbilla, Qu.

Genus *Rhynchonella*, Fischer, 1809 (vide p. 21).—*Clistenterata-Rhynchonellidæ*.

<i>R. rustica</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 245, t. 10, figs. 7—9.	Wollumbilla, Qu.
<i>R. solitaria</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 245, t. 10, fig. 10.	Wollumbilla, Qu.
<i>R. variabilis</i> , <i>Schlot-heim</i> .	Oolite.	Davidson, *Brit. Ool. Brach. 1851, p. 78, t. 15, figs. 8—10, t. 16, f. 1—6, Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. p. 8; Moore, <i>ibid</i> . 1870, xxvi. pp. 231, 232.	W. Australia.

Genus *Terebratella*, d'Orbigny, 1847. (Comptes Rendus, xxv. p. 269; Pal. Franç. Ter. Crét. 1847, iv. p. 110, Davidson, Introduction, p. 65).—*Clistenterata-Terebratulidæ*.

<i>T. Davidsoni</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 245, t. 10, figs. 1 and 2.	Wollumbilla, Qu.
--------------------------------------	-------------	---	------------------

Section—Mollusca proper.

Class—Pelecypoda (Lamellibranchiata, or Conchifera).

Genus *Arca*, Linneus, 1758. (See p. 62.)

<i>A. plicata</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 249, t. 12, f. 6.	Wollumbilla, Qu.
<i>A. prælonga</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 249, t. 14, f. 7.	Wollumbilla, Qu.

Genus *Astarte*, Sowerby, 1816 (see p. 63).—*Lucinacea-Astartidæ*.

<i>A. apicalis</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 249, t. 13, f. 11.	Greenough Dist. W. Australia.
<i>A. Cliftoni</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 249, t. 13, f. 10.	Greenough Dist. W. Australia.
<i>A. Wollumbillaensis</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 250, t. 12, f. 12.	Wollumbilla, Qu.

¹ The genus *Lingula* was figured by Bruguière in the Atlas of the *Encyclopédie Méthodique*, but not described.

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Atomodesma</i> , <i>Beyrich</i> , 1865. (Abhandl. K. Akad. Wissen. Berlin, xxxvi. p. 71.)			
<i>A. exarata</i> , <i>Beyrich</i> .	L. Mesozoic (Trias?).	* <i>loc. cit.</i> p. 71, t. 3, f. 4 a and b.	Timor.
<i>A. mytiloides</i> , <i>Beyrich</i> .	L. Mesozoic (Trias?).	* <i>loc. cit.</i> p. 71, t. 3, f. 3.	Timor.

Genus *Avicula*, *Klein*, 1753 (see p. 64).—*Mytilacea-Aviculidæ*.

<i>A. æqualis</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 247, t. 11, f. 4.	Wollumbilla, Qu.
<i>A. alata</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 342, t. 20, f. 8.	Maryborough, Qu.
<i>A. Barklyi</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 245, t. 11, figs. 1 and 2.	Wollumbilla, Qu.
<i>A. Braamburiensis</i> , <i>Phillips</i> .	Up. Oolite.	*Geol. Yorksh. 1829, i. p. 140, t. 6, f. 6; <i>Moore</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 240.	Wollumbilla, Qu.
<i>A. Corbiensis</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 246, t. 11, f. 7.	Wollumbilla, Qu.
<i>A. echinata</i> , <i>J. Sow.</i>	Cornbrash?	*Min. Con. iii. p. 75, t. 243; <i>Moore</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 232.	W. Australia.
<i>A. Hughendenensis</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 346, t. 25, f. 3.	Hughenden Station, Qu.
<i>A. inæqualvis</i> , <i>J. Sowerby</i> .	Oolite.	*Min. Con. iii. p. 78, t. 244, f. 2; <i>Moore</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 232.	W. Australia.
<i>A. Munsteri</i> , <i>Bronn</i> .	Oolite.	<i>Goldfuss</i> , *Petrefacta, ii. p. 131, t. 118, f. 2; <i>Moore</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 232; <i>Clarke</i> , <i>ibid.</i> 1867, xxiii. p. 9.	15 miles north of Champion Bay, W. Australia.
<i>A. reflecta</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 246, t. 12, f. 1.	Wollumbilla, Qu.
<i>A. simplex</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 247, t. 11, f. 3.	Wollumbilla, Qu.
<i>A. substriata</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 247, t. 11, f. 6.	Wollumbilla, Qu.
<i>A. umbonalis</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 246, t. 12, figs. 2 and 3.	Wollumbilla, Qu.

Genus *Crenatula*, *Lamarck*, 1804. (Ann. Muséum, iii. p. 28; Hist. Nat. Anim. s. Vertéb. 1819, vi. pt. 1, p. 136).—*Mytilacea-Aviculidæ*.

<i>C.?</i> <i>gibbosa</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 339, t. 19, f. 3.	Maryborough, Qu.
--	-------------	---	------------------

Genus *Cucullæa*, *Lamarck*, 1801. (Système, p. 116).—*Arcacea-Arcidæ*.

<i>C. costata</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 340, t. 20, f. 2.	Maryborough, Qu.
<i>C. inflata</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 250, t. 14, figs. 1 and 2.	Greenough Dist. W. Australia.

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. oblonga</i> , <i>J. Sow.</i>	Oolite.	*Min. Con. III. p. 7, t. 206, figs. 1 and 2; Moore, Quart. Jour. Geol. Soc. 1870, XXVI. p. 232.	W. Australia.
<i>C. robusta</i> , <i>Ethe-ridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, XXVIII. p. 340, t. 20, f. 1.	Maryborough, Qu.
<i>C. semistriata</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, XXVI. p. 250, t. 14, f. 3.	Greenough Dist. W. Australia.

Genus *Cytherea*, *Lamarck*, 1806. (Ann. du Muséum, VII. p. 132.)—*Veneracea-Veneridae*.

<i>C. Clarkei</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, XXVI. p. 250, t. 13, f. 1.	Wollumbilla; Maranoa River; Gregory River, north of Finnis Springs, Qu.
<i>C. gibbosa</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, XXVI. p. 251.	Wollumbilla, Qu.

Genus *Cyprina*, *Lamarck*, 1812. (Cours de Zoologie!; Hist. d. Anim. s. Vertèb. 1818, v. pp. 556 and 566.)—*Veneracea-Cyprinidae*¹.

<i>C. expansa</i> , <i>Ethe-ridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, XXVIII. p. 338, t. 19, f. 1.	Maryborough, Qu.
---	-------------	---	------------------

Sub-genus *Goniomya*², *Agassiz* (1838, ms.), 1842 (Études Crit. Mon. Myes. 1842—45, p. 1)=*Lysianassa*, Münster.—*Myacea-Anatinidae*.

<i>G. depressa</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, XXVI. p. 251, t. 13, f. 6.	Wollumbilla, Qu.
-------------------------------------	-------------	---	------------------

Sub-genus *Gresslya*, *Agassiz*, 1842. (Études Crit. Mon. Myes. 1842—45, p. 202.) *Myacea-Anatinidae*.

<i>G. donaciformis</i> , <i>Phillips</i> .	Up. Lias.	<i>Amphidesma</i> , *Geol. York. 1829, I. p. 161, t. 12, f. 5; <i>Gresslya</i> , Ag. l. c. p. 232; <i>id.</i> Moore, Quart. Jour. Geol. Soc. 1870, XXVI. p. 232.	W. Australia.
--	-----------	--	---------------

Sub-genus *Homomya*, *Agassiz*, 1842 or 1843? (Études Crit. Mon. Myes. 1842—45, p. 154.) *Myacea-Anatinidae*.

<i>H.?</i> <i>sp. ind.</i>	L. Oolite.	<i>Etheridge</i> , *Quart. Jour. Geol. Soc. 1872, XXVIII. p. 347, t. 25, f. 5.	Gordon Downs, Qu.
----------------------------	------------	--	-------------------

¹ The term *Cyprinidae* having been long ago used in Ichthyology, Dr Stoliczka proposed to adopt in its place that of *Glossidae*, Gray (*Pal. Indica*, III. p. 183).

² According to Bronn, this name was first used by Agassiz in 1836, but according to Agassiz's own statement, it first appeared attached to certain plates of his "Études Critiques," submitted to the Geological Section of the meeting of Swiss Naturalists at Basle in 1838. It also appeared during this year in a paper by M. Gressly, "Observations Géologiques sur le Jura Soleurois" (*Nouv. Mém. Soc. Helvétique des Sci. Nat. Neuchâtel*), but appears to have been first definitely described in 1842 (*Études Crit.* p. 1). *Goniomya* is synonymous with *Lysianassa*, Münster, 1838 (*N. Jahrbuch*, 1838, p. 55), but the latter, according to Bronn, had already been used for a genus of Crustacea by Milne-Edwards.

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Inoceramus</i> ¹ (<i>J. Sowerby</i> , 1814, ms.), <i>Parkinson</i> , 1819 (see p. 70). <i>Mytilacea-Aviculidæ</i> .			
<i>I. Carsoni</i> , <i>M'Coy</i> .	Cretaceous.	<i>Annals Nat. Hist.</i> 1865, xvi. p. 334; * <i>Trans. Roy. Soc. Vict.</i> 1866, vii. p. 50; <i>Annals Nat. Hist.</i> 1867, xx. p. 196; ? <i>Sp. allied to</i> <i>I. problematicus</i> (d'Orb.), <i>Ethe-</i> <i>ridge</i> , * <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 344, t. 22, f. 4.	Base of Walker's Table Mounts, Flinders River; Marathon Sta- tion, Qu.
<i>I. Marathonensis</i> , <i>Etheridge</i> .	Cretaceous.	* <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 343, t. 22, f. 1.	Marathon Station, Flinders R. Qu.
<i>I. multiplicatus</i> , <i>Stoliczka</i> .	Cretaceous.	* <i>Pal. Indica</i> , iii. p. 406, t. 28, f. 1; var. <i>elongatus</i> , <i>Etheridge</i> ; * <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 343, t. 22, f. 2.	Marathon Station, Flinders R. Qu.
<i>I. pernoides</i> , <i>Ethe-</i> <i>ridge</i> .	Cretaceous.	* <i>Quart. Jour. Geol. Soc.</i> 1872, xxviii. p. 343, t. 22, f. 3.	Marathon Station, Qu.
<i>I. Sutherlandi</i> , <i>M'Coy</i> .	Cretaceous.	<i>Annals Nat. Hist.</i> 1865, xvi. p. 334; * <i>Trans. Roy. Soc. Vict.</i> 1866, vii. p. 50; <i>Annals Nat. Hist.</i> 1867, xx. p. 196.	Base of Walker's Table Mounts, Flinders R. Qu.

Genus *Leda*, *Schumacher*, 1817. (*Essai d'une Nouv. Syst. Habit.* p. 172.)
Vide Nuculana, *Link*.

<i>L. Australis</i> , <i>Moore</i> .	<i>Vide Nuculana Australis</i> .
<i>L. elongata</i> , <i>Ethe-</i> <i>ridge</i> .	<i>Vide Nuculana elongata</i> .

Genus *Lima*², *Bruquière*, 1789 or 1791? (*Tab. Encycl. Méthod.* pl. 206;
Lamarck, *Système*, 1801, p. 136.)—*Ostracea-Radulidæ*.

<i>L. duplicata</i> , <i>J. de</i> <i>C. Sowerby</i> .	Oolite.	* <i>Min. Con.</i> vi. p. 114, t. 559, f. 3; <i>Moore</i> , <i>Quart. Jour. Geol. Soc.</i> 1870, xxvi. p. 232.	<i>W. Australia</i> .
<i>L. Gordonii</i> , <i>Moore</i> .	Up. Oolite.	* <i>Quart. Jour. Geol. Soc.</i> 1870, xxvi. p. 247, t. 12, f. 4.	Wollumbilla, Qu.
<i>L. multistriata</i> , <i>Moore</i> .	Up. Oolite.	* <i>Quart. Jour. Geol. Soc.</i> 1870, xxvi. p. 248, t. 12, f. 5.	Wollumbilla, Qu.
<i>L. proboscidea</i> , <i>J.</i> <i>Sowerby</i> .	Oolite.	* <i>Min. Con.</i> iii. p. 115, t. 264; <i>Clarke</i> , <i>Quart. Jour. Geol. Soc.</i> 1867, xxiii. p. 8; <i>Moore</i> , <i>ibid.</i> 1870, xxvi. pp. 230—32.	<i>W. Australia</i> .
<i>L. punctata</i> , <i>J. Sow.</i>	Oolite.	<i>Plagiostoma</i> , * <i>Min. Con.</i> ii. p. 25, t. 113, f. 1 and 2; <i>Lima</i> , <i>Moore</i> , <i>Quart. Jour. Geol. Soc.</i> 1870, xxvi. p. 232.	<i>W. Australia</i> .

¹ In a collection of fossils forwarded to England by Mr W. Hann, from the Barcoo River, fifty miles below its junction with the Alice River, Mr Etheridge, F.R.S., recognized *Inocerami* having the general facies of British gault forms (*Quart. Jour. Geol. Soc.* 1872, xxviii. p. 183).

² It appears that the generic name *Lima* must give way to that of *Radula*, Klein, 1753 (*Tent. Meth. Ostrac.* p. 135), which has precedence (see *Stoliczka*, *Pal. Indica*, iii. p. 412).

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Lucina , <i>Bruguère</i> , 1792. (Tab. Encycl. Méthod. pl. 284—86; Lamarck, Prodrôme, p. 84, <i>id.</i> Système, 1801, p. 124; <i>id.</i> Histoire, 1818, v. p. 538.) <i>Lucinacea-Lucinidæ.</i>			
<i>L. anomala</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 251, t. 14, f. 4.	Wollumbilla, Qu.
<i>L. ? Australis</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 251, t. 14, f. 5.	Wollumbilla, Qu.
Genus Mactra , <i>Linnaeus</i> , 1767. (Systema, ed. 12, pt. 2, 1125; Lamarck, Système, 1801, p. 121; <i>id.</i> Histoire, 1818, v. p. 471.)— <i>Myacea-Mactridæ.</i>			
<i>M. trigonalis</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 252, t. 14, f. 6.	Nive River Downs, Qu.
Genus Melina , <i>Retzius</i> , 1788 (Dissert. Hist. Nat.! Stoliczka, Pal. Indica, iii. p. 395) = <i>Perna</i> , <i>Bruguère</i> (non Adanson, nec Retzius).— <i>Mytilacea-Aviculidæ.</i>			
<i>M. gigantea</i> , Moore.	Up. Oolite.	<i>Perna</i> , *Quart. Jour. Geol. Soc. 1870, xxvi. p. 249.	Wollumbilla, Qu.
Genus Modiola , <i>Lamarck</i> , 1799 (see p. 71).— <i>Mytilacea-Mytilidæ.</i>			
<i>M. unica</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 253, t. 13, f. 5.	Wollumbilla, Qu.
Genus Mya , <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 670; Lamarck, Prodrôme, 1799, p. 83.) <i>Myacea-Myidæ.</i>			
<i>M. Maccoyi</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 253, t. 13, f. 8.	Between Amby and Maranoa Rivers, Qu.
Genus Myacites , <i>Schlotheim</i> , 1820 (Petrefactenkunde, p. 176; Stoliczka, Pal. Indica, iii. p. 67) = <i>Pleuromya</i> , Agassiz. <i>Myacea-Anatinidæ.</i>			
<i>M. Liassianus</i> , <i>Quenstedt</i> .	Mid. Lias?	<i>M. liasinus</i> , *Der Jura, 1858, p. 81, t. 10, f. 3; <i>M. Liassianus</i> , Moore, Quart. Jour. Geol. Soc. 1870, xxvi. pp. 229—32.	W. Australia.
<i>M. planus</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 254, t. 12, f. 10.	Wollumbilla, Qu.
<i>M. Sandfordii</i> , Moore.	Inf. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 253, t. 13, f. 9.	Greenough Dist. W. Australia.
<i>M. ? sp. ind.</i>	L. Oolite.	Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 348, t. 25, f. 7.	Gordon Downs, Qu.
Genus Mytilus ¹ , <i>Linnaeus</i> , 1758 (see p. 72) = <i>Perna</i> , Adanson, 1757. <i>Mytilacea-Mytilidæ.</i>			
<i>M. inflatus</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 252, t. 13, f. 4.	Wollumbilla, Qu.

¹ The generic name *Mytilus* should give place to that of *Perna*, Adanson, 1757 (*Voy. au Sénégal*, p. 217). It is not the *Perna* of *Bruguère*.

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>M. planus</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 252, t. 13, f. 3.	Wollumbilla, Qu.
<i>M. rugocostatus</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 252, t. 13, f. 2.	Wollumbilla, Qu.

Genus *Nucula*, Lamarck, 1799 (see p. 73).—*Arcacea-Nuculidæ*.

<i>N. Cooperi</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 254, t. 12, f. 8.	Wollumbilla, Qu.
<i>N. gigantea</i> , Etheridge.	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 341, t. 20, f. 4.	Maryborough, Qu.
<i>N. quadrata</i> , Etheridge.	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 341, t. 19, f. 5, t. 20, f. 3.	Maryborough, Qu.
<i>N. truncata</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 254, t. 12, f. 9.	Wollumbilla, Qu.

Genus *Nuculana*, Link, 1807 (see p. 74).—*Arcacea-Nuculanidæ*.

<i>N. Australis</i> , Moore.	Up. Oolite.	<i>Leda</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 251, t. 12, f. 7.	Wollumbilla, Qu.
<i>N. elongata</i> , Etheridge.	Cretaceous.	<i>Leda</i> , Quart. Jour. Geol. Soc. 1872, xxviii. p. 341, t. 20, f. 5.	Maryborough, Qu.

Genus *Ostrea*, Linnæus, 1758. (Systema, ed. 10, p. 696).—*Ostracea-Ostreidæ*.

<i>O. Marshii</i> , J. Sow.	Oolite.	*Min. Con. i. p. 103, t. 48; Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. pp. 8 and 9; Moore, <i>ibid.</i> 1870, xxvi. pp. 230—32.	Greenough Dist., 15 miles north of Champion Bay, W. Australia.
-----------------------------	---------	--	--

Genus *Panopæa*, Ménard de la Groye, 1807. (Ann. Muséum, ix. p. 135; Stoliczka, Pal. Indica, iii. p. 85).—*Myacea-Myacidæ*.

<i>P. plicata</i> , J. de C. Sowerby.	Cretaceous.	<i>Mya</i> , *Min. Con. v. p. 20, t. 419, f. 3; <i>P. plicata</i> , var. <i>acuta</i> , Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 342, t. 21, f. 3.	Pelican Creek, Qu.
<i>P. rugosa</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 253, t. 13, f. 7.	Bungeeworgorai Ck., near Mount Abundance, Qu.
<i>P. sulcata</i> , Etheridge.	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 342, t. 21, f. 2.	Maryborough, Qu.

Genus *Pecten*, O. F. Müller, 1776 (see p. 76).—*Ostracea-Pectinidæ*.

<i>P. ? æquilineatus</i> , Moore.	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 248, t. 11, f. 11.	Wollumbilla, Qu.
<i>P. calvus</i> , Goldfuss.	Oolite.	*Petrefacta, ii. p. 74, t. 99, f. 1; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. pp. 231, 232.	W. Australia.

(Pelecypoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. cinctus</i> , <i>J. Sow.</i>	Oolite.	*Min. Con. iv. p. 96, t. 371; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. pp. 231, 232.	W. Australia.
<i>P. fimbriatus</i> , <i>Moore</i> ¹ .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 248, t. 11, f. 8.	Wollumbilla, Qu.
<i>P. Greenoughiensis</i> , <i>Moore.</i>	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 248, t. 11, f. 10.	Greenough Dist. W. Australia.
<i>P. socialis</i> , <i>Moore.</i>	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 248, t. 11, f. 9.	Wollumbilla, Qu.
Genus <i>Perna</i> , <i>Bruguière</i> , 1789 or 1791? (Tab. Encyclop. Méthod. pls. 175, 176; Encyclop. Méthod. 1792, i. p. xiii.; Lamarck, Système, 1801, p. 134; <i>id.</i> Histoire, 1819, vi. pt. 1, p. 138), non Retzius, nec Adanson. Vide <i>Melina</i> , Retzius.			
<i>P. gigantea</i> , <i>Moore.</i>		Vide <i>Melina gigantea.</i>	
Genus <i>Pholadomya</i> , <i>G. B. Sowerby</i> , 1823 (see p. 76).— <i>Myacea-Anatinidæ</i> .			
<i>P. ovulum</i> , <i>L. Agassiz.</i>	Oolite.	Études Crit. Mon. Myes. p. 119, t. 3, figs. 7—9; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. pp. 231, 232.	W. Australia.
<i>P. sp. ind.</i>	L. Oolite.	Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 347, t. 25, f. 6.	Gordon Downs, Qu.
Genus <i>Pholas</i> , <i>Linnaeus</i> , 1758. (Systema, ed. 10, i. p. 669).— <i>Pholadacea-Pholadidæ</i> .			
<i>P. Australis</i> , <i>Clarke.</i>		Vide <i>Teredo Australis</i> , <i>Moore.</i>	
Genus <i>Tancredia</i> , <i>Lycett</i> , 1850 (Annals Nat. Hist. vi. p. 407; Stoliczka, Pal. Indica, iii. p. 132)= <i>Hettangia</i> , <i>Terquem</i> , 1850.— <i>Tellinacea-Donacidæ</i> .			
<i>T. plana</i> , <i>Moore.</i>	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 254, t. 13, f. 13.	Blythesdale, Qu.
<i>T. sp. ind.</i>	L. Oolite.	Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 348, t. 25, f. 8.	Gordon Downs, Qu.
Genus <i>Tellina</i> , <i>Adanson</i> , 1757. (Voy. Sénégal, p. 234; Linnaeus, Systema, ed. 10, 1758, p. 674; Lamarck, Prodrome, 1799, p. 84; <i>id.</i> Système, 1801, p. 124; <i>id.</i> Histoire, 1818, v. p. 519).— <i>Tellinacea-Tellinidæ</i> .			
<i>T. Mariæburiensis</i> , <i>Etheridge.</i>	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 341, t. 20, f. 6.	Maryborough, Qu.
<i>T. sp. ind.</i>	Cretaceous.	Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 341, t. 20, f. 7.	Maryborough, Qu.
Genus <i>Teredo</i> , <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 651; Lamarck, Système, 1801, p. 128; <i>id.</i> Histoire, 1818, v. p. 438).— <i>Pholadacea-Pholadidæ</i> .			
<i>T. Australis</i> , <i>Moore.</i>	Oolite.	<i>Pholas</i> , <i>Clarke</i> , Quart. Jour. Geol. Soc. 1867, xxiii. p. 8; <i>Teredo</i> , <i>Moore</i> , * <i>ibid.</i> 1870, xxvi. pp. 230 and 255, t. 12, f. 11.	W. Australia.

¹ Non *Pecten* (*Aviculopecten*) *fimbriatus*. *Phill.*

(Pelecypoda—Gasteropoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Thracia</i> (Leach, 1819, ms.), <i>Blainville</i> , 1824. (Dict. Sci. Nat. xxxii. p. 347; Man. de Malacol. 1825, i. p. 564.)— <i>Myacea-Anatinidae</i> .			
<i>T. Wilsoni</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 254, t. 14, f. 8.	Amby River; Bungeeworgorai Ck. Qu.
Genus <i>Trigonia</i> , <i>Bruguière</i> , 1789. (Encycl. Méthod. i. pl. xiv.; Lamarck, Système, p. 116; <i>id.</i> Histoire, 1819, vi. pt. 1, p. 61.)— <i>Arcacea-Trigoniadae</i> .			
<i>T. costata</i> , <i>Clarke</i> (non <i>Park.</i>).		Vide <i>T. Moorei</i> , <i>Lycett</i> .	
<i>T. lineata</i> , <i>Moore</i> .	Up. Oolite.	<i>Myophoria</i> , sp. M'Coy (1861), Trans. Roy. Soc. Vict. 1865, vi. p. 44; <i>id. ibid.</i> Exhib. Essay, 1861, p. 167; <i>id. ibid.</i> Annals Nat. Hist. 1862, ix. p. 144; <i>id.</i> Clarke, Quart. Jour. Geol. Soc. 1862, xviii. p. 245; <i>id.</i> M'Coy, Annals Nat. Hist. 1867, xx. p. 198. <i>Trigonia</i> , <i>Moore</i> , *Quart. Jour. Geol. Soc. 1870, xxvi. p. 255, t. 13, f. 12.	Wollumbilla, Qu.
<i>T. Moorei</i> , <i>Lycett</i> .	Oolite.	<i>Trigonia</i> , sp. Gregory, Quart. Jour. Geol. Soc. 1861, xvii. p. 483. <i>T. costata</i> , <i>Clarke</i> (non <i>Parkinson</i>), Quart. Jour. Geol. Soc. 1867, xxiii. p. 8; <i>T. Moorei</i> (<i>Lycett</i>), <i>Moore</i> , * <i>ibid.</i> 1870, xxvi. pp. 227, 231, 232, and 254, t. 14, figs. 9 and 10.	Greenough River, W. Australia.
<i>T. nasuta</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 339, t. 19, f. 2.	Maryborough, Qu.

Genus *Unio*, *Retzius*, 1788. (Dissertatio Hist. Nat. p. 16.)—*Unionacea—Unionida*.

<i>U. Dacombii</i> , <i>M'Coy</i> .	L. Mesozoic.	Selwyn, Ex. Essay Geol. Survey Vict. 1861, p. 186; Phys. Geogr. Geol. and Mineral. Vict. 1866, p. 20; Descript. Cat. Nat. Mus. Geol. Survey, Vict. 1868, p. 49; M'Coy, Smyth's Progress Rept. 1874, pp. 24 and 35; ? <i>U. Daintreei</i> , <i>Clarke</i> , Quart. Jour. Geol. Soc. 1867, xxiii. p. 10.	Wannon District, Vict.
-------------------------------------	--------------	--	------------------------

Class—Gasteropoda.

Genus *Actæon*, *de Montfort*, 1810. (Conch. Systématique, ii. p. 315; Adams, Genera, 1854, ii. p. 4)=*Tornatella*, *Lamarck*, 1812.—*Opisthobr.-Actæonida*.

<i>A. depressus</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256, t. 10, f. 20.	Wollumbilla, Qu.
<i>A. Hochstetteri</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256, t. 10, f. 19.	Wollumbilla, Qu.

(Gasteropoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Cerithium</i> , <i>Adanson</i> , 1757. (Voy. Sénégal, p. 152; Lamarck, 1799, Prodrôme, p. 73; <i>id.</i> Systema, p. 85; <i>id.</i> Histoire, 1822, vii. p. 63; Adams, Genera, 1854, i. p. 284.)— <i>Prosobr.-Cerithiidae</i> .			
<i>C. Greenoughiensis</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256, t. 10, f. 22.	Greenough Dist. W. Australia.
Genus <i>Delphinula</i> , <i>Lamarck</i> , 1804. (Ann. du Muséum, iv. p. 108; <i>id.</i> Histoire, 1822, vi. p. 229; Stoliczka, Pal. Indica, ii. p. 368.)— <i>Prosobr.-Trochidae</i> .			
<i>D. reflecta</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256, t. 10, f. 21.	Wollumbilla, Qu.
Genus <i>Dentalium</i> , <i>Linnaeus</i> , 1758 (see p. 81).— <i>Prosobr.-Dentaliidae</i> .			
<i>D. lineatum</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256.	Wollumbilla, Qu.
Genus <i>Natica</i> , <i>Adanson</i> , 1757. (Voy. Sénégal, p. 172; Lamarck, 1799, Prodrôme, p. 77; <i>id.</i> Système, 1801, p. 95; <i>id.</i> Histoire, 1822, vi. pt. 2, p. 195; Adams, Genera, 1858, i. p. 204.)— <i>Prosobr.-Naticidae</i> .			
<i>N. lineata</i> , <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 342, t. 21, f. 1.	Maryborough, Qu.
<i>N. ornatissima</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 257, t. 10, f. 16.	Wollumbilla, Qu.
<i>N. variabilis</i> , <i>Moore</i> .	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 256, t. 10, f. 15.	Wollumbilla, Qu.
Genus <i>Pleurotomaria</i> , <i>DeFrance</i> , 1824. (Tableau, p. 114; Dict. Sc. Nat. 1826, xli. p. 381; Adams, Genera, 1858, ii. p. 630.)— <i>Prosobr.-Pleurotomariidae</i> .			
<i>P. Cliftoni</i> , <i>Etheridge</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 347, t. 25, f. 4.	Gordon Downs, Qu.
Genus <i>Rissoina</i> , <i>d'Orbigny</i> , 1840. (Moll. d'Antill. ii. !; Adams, Genera, 1854, i. p. 327; Stoliczka, Pal. Indica, ii. p. 279.)— <i>Prosobr.-Rissoidae</i> .			
<i>R. Australis</i> , <i>Moore</i> .		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 257, t. 10, f. 23.	Greenough Dist. W. Australia.
Genus <i>Turbo</i> (pars), <i>Linnaeus</i> , 1758 ¹ . (Systema, ed. 10, p. 761; Lamarck, Prodrôme, 1799, p. 74; <i>id.</i> Système, 1801, p. 86; <i>id.</i> Histoire, 1822, vii. p. 38; Adams, Genera, 1854, i. p. 391.)— <i>Prosobr.-Turbinidae</i> .			
<i>T. Australis</i> , <i>Moore</i> .	Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 257, t. 10, figs. 17 and 18.	Greenough Dist. W. Australia.
<i>T. lævigatus</i> , <i>J. Sowerby</i> .	Oolite.	<i>Nerita</i> , *Min. Con. iii. p. 31, t. 217, f. 1; <i>Turbo</i> , <i>Moore</i> , Quart. Jour. Geol. Soc. 1870, xxvi. p. 232.	Greenough Dist. W. Australia.

¹ The name was used by Klein, in 1758, but apparently in a much more extended sense (*Tent. Meth. Ostrac.* pt. 1, p. 45).

(Cephalopoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Class—Cephalopoda.</i>			
Genus <i>Ammonites</i> , <i>Bruguière</i> , 1789. (Encycl. Méth. i. p. 28; Lamarek, Prodrôme, 1799, p. 79; <i>id.</i> Système, 1801, p. 100; Histoire, 1822, vii. p. 635.) <i>Tetrabranchiata-Ammonitidæ.</i>			
<i>A. Aalensis</i> , <i>Zieten</i> .	Up. Lias.	*Pet. Wurttemb. 1830, p. 37, t. 28, f. 3; d'Orbigny, Pal. Franç. Terr. Jura. i. p. 258, t. 63 (as <i>A. Aalensis</i>); <i>A. Moorei</i> (Lycett), Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. p. 9; <i>A. Aalensis</i> , var. <i>Moorei</i> (Lycett), Moore, * <i>ibid.</i> 1870, xxvi. pp. 230 and 232, t. 15, f. 1.	Greenough Dist. <i>W. Australia.</i>
<i>A. Brocchii</i> , <i>J. Sow.</i>	Inf. Oolite.	*Min. Con. ii. p. 233, t. 202; Moore, *Quart. Jour. Geol. Soc. 1870, xxvi. pp. 230 and 232, t. 15, f. 4.	Greenough Dist. <i>W. Australia.</i>
<i>A. Daintreei</i> , <i>Etheridge</i> .	L. Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 346, t. 24.	Hughenden Statn. <i>Qu.</i>
<i>A. Flindersi</i> , <i>M'Coy</i> .	Cretaceous.	Annals Nat. Hist. 1865, xvi. p. 334; *Trans. Roy. Soc. Vict. 1866, vii. p. 51; Annals Nat. Hist. 1867, xx. p. 196; ? <i>A. Beudanti</i> , var. <i>Mitchelli</i> , Etheridge, *Quart. Jour. Geol. Soc. 1872, xxviii. p. 345, t. 23.	Base of Walker's Table Mounts, Flinders River; Hughenden Sta- tion, <i>Qu.</i>
<i>A. macrocephalus</i> , <i>Schlotheim</i> .		Leonhard's Mjn. Taschenbuch, 1813, viii. p. 70; *Petrefacten, 1820, i. p. 70; Zieten, Pet. Wurttemb. 1830, p. 6, t. 5, f. 1 and 4; d'Orbigny, *Pal. Franç. Terr. Jura. 1848, i. p. 430, t. 151; Lycett and Morris, *Mon. Gt. Oolite, Moll. 1850, pt. 1, p. 12, t. 2, f. 3; Moore, *Quart. Jour. Geol. Soc. 1870, xxvi. pp. 227 and 232, t. 15, f. 5.	Wizard Peak; Greenough Dist. <i>W. Australia.</i>
<i>A. megaphyllus</i> , <i>Beyrich</i> .	L. Mesozoic (Trias?)	Monatsb. K. Akad. Wissensch. Berlin, 1865, pp. 60, 66, and 70, f. 3; Abhandl. <i>ibid.</i> 1865, xxxvi. p. 70, t. 3, f. 1 a—c. ?Vide <i>A. Flindersi</i> , M'Coy.	Timor.
<i>A. Mitchelli</i> , <i>Etheridge</i> .		Vide <i>A. Aalensis</i> .	
<i>A. Moorei</i> , <i>Lycett</i> .			
<i>A. radians</i> , <i>Schlotheim</i> .	Up. Lias.	*Petrefacten, 1820, i. p. 78; Zieten, *Pet. d. Wurttemb. 1830, p. 5, t. 4, f. 3; d'Orbigny, Pal. Franç. Terr. Jura. i. p. 226, t. 59; Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. p. 8; Moore, * <i>ibid.</i> 1870, xxvi. pp. 230 and 232, t. 15, f. 2.	Wizard Peak; Greenough Dist. <i>W. Australia.</i>

(Cephalopoda.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
A. Sutherlandi, <i>Etheridge</i> .	Cretaceous.	*Quart. Jour. Geol. Soc. 1872, xxviii. p. 345, t. 21, f. 4.	Queensland.
A. Walcottii, <i>J. Sow.</i>	Up. Lias.	*Min. Con. ii. p. 7, t. 106; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. pp. 230 and 232.	Greenough Dist. W. Australia.

Genus *Ancyloceras*, d'Orbigny, 1842. (Pal. Franç. Terr. Crét. i. pt. 2, p. 491.)
Tetrabranchiata-Ammonitidæ.

A. Flindersi, <i>M'Coy</i> .	Cretaceous.	Annals Nat. Hist. 1867, xix. p. 356.	Head of Flinders River, Qu.
------------------------------	-------------	--------------------------------------	-----------------------------

Genus *Belemnitella*, d'Orbigny, 1840. (Pal. Franç. Terr. Crét. i. p. 59.)

B. diptycha, <i>M'Coy</i> .	Cretaceous.	*Trans. Roy. Soc. Vict. viii. p. 42; Annals Nat. Hist. 1867, xix. p. 356; <i>ibid. id.</i> xx. p. 196.	Head of Flinders River, Qu.
-----------------------------	-------------	--	-----------------------------

Genus *Belemnites* (*G. Agricola*; *Lister*, 1678). d'Orbigny, Pal. Franç. Terr. Crét. 1840, i. p. 37; Phillips, Mon. Brit. Bel. 1865, pt. 1, p. 12.
Dibranchiata-Decapoda—Belemnitidæ.

B. Australis, <i>Phill.</i>	Up. Oolite.	*Quart. Jour. Geol. Soc. 1870, xxvi. pp. 240 and 258, t. 16, figs. 1—5.	Up. Maranoa River, Qu.
B. canaliculatus, <i>Schlotheim</i> .	Oolite.	*Petrefacten, 1820, i. p. 49; Zieten, *Pet. Wurtemb. 1830, p. 27, t. 21, f. 3 a—c; d'Orbigny, Pal. Franç. Terr. Crét. i. p. 108; t. 13, f. 1—5; Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. p. 9; Moore, <i>ibid.</i> 1870, xxvi. pp. 227, 230, and 232, t. 16, f. 7.	15 miles north of Champion Bay; Greenough Dist. W. Australia.
B. Barklyi, <i>Clarke and M'Coy</i> ,		Clarke, Quart. Jour. Geol. Soc. 1862, xviii. p. 246; M'Coy, Trans. Roy. Soc. Vict. 1865, vi. p. 43.	Wollumbilla, Qu.
B. paxillosus, <i>Schlotheim?</i>		Voltz, *Obs. Belem. 1830, p. 50, t. 6, f. 2, t. 7, f. 2; Phillips, *Mon. Brit. Belem. 1866, pt. 2, p. 47, t. 6, f. 15; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 240, t. 16, f. 6.	Queensland.

Genus *Crioceras*, *Leveillé*, 1837. (Mém. Soc. Géol. France, ii. p. 313; d'Orbigny, 1842, Pal. Franç. Terr. Crét. i. pt. 2, p. 457) = *Tropæum*, J. Sowerby.
Tetrabranchiata-Ammonitidæ.

C. Australe, <i>Moore</i> .	Neocomian?	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 257, t. 15, f. 3.	Up. Maranoa Dist. Qu.
-----------------------------	------------	---	-----------------------

Note. A chalk Ammonite was obtained from the bed of the Greenough River, by Mr F. T. Gregory (Moore, *l.c.* p. 227). In the Daintree Collection, Mr Etheridge detected two or three species of *Belemnites* allied to British Oxford clay and Coral Rag forms (*Quart. Jour.* xxviii. p. 346).

(Cephalopoda—Pisces.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Nautilus</i> , <i>Brerynius</i> , 1732. (Dissert. de Polythal. pp. 12 and 14; Linnæus, 1758, Systema, ed. 10. p. 709; Lamarek, Prodrome, 1799, p. 79.) <i>Tetrabranchiata-Nautilidæ</i> .			
<i>N. semistriatus</i> , <i>d'Orbigny</i> .	Up. Lias.	Pal. Franç. Terr. Jura. 1842, i. p. 149, t. 26; Clarke, Quart. Jour. Geol. Soc. 1867, xxiii. p. 8; Moore, <i>ibid.</i> 1870, xxvi. pp. 230—32.	Greenough Dist. W. Australia.
<i>N. sinuatus</i> , <i>Clarke</i> .		Quart. Jour. Geol. Soc. xxiii. p. 8 (? = <i>N. sinuatus</i> , J. Sowerby, Min. Con. ii. p. 213, t. 194.)	W. Australia.

Genus *Teuthis* (*Aristotelis*), *Schneider*, 1784. (Samml. Verm. p. 113; J. E. Gray, Brit. Mus. Cat. Ceph. pt. 1, 1849, p. 76.)—*Dibranchiata-Decapoda—Teuthidæ*.

<i>T.?</i> <i>sp. ind.</i>	Up. Oolite.	Moore, *Quart. Jour. Geol. Soc. 1870, xxvi. p. 258, t. 16, f. 8.	Wollumbilla, Qu.
----------------------------	-------------	--	------------------

Sub-kingdom—Vertebrata. Class—Pisces. Order—Ganoidei.

Genus *Cleithrolepis*, *Egerton*, 1864. (Quart. Jour. Geol. Soc. xx. p. 3.)

<i>C. granulatus</i> , <i>Egerton</i> .	L. Mesozoic. Wianamatta Series. Hawkesbury Series of N.S.Wales.	* <i>l. c.</i> p. 3, t. 1, figs. 2 and 3; Davies and Barkas, Geol. Mag. 2nd ser. i. p. 549; Traquair, Annals Nat. Hist. 1875, xv. p. 265; Clarke, Remarks Sed. Forms, N. S. Wales, 3rd ed. 1875, p. 31; Lütken, Palæontographica, 1873, xxii. pt. 1, p. 29, note 2.	Cockatoo Island, Hunter River, N. S. Wales.
---	---	---	---

Genus *Myrioilepis*, *Egerton*, 1864 (*l. c.* p. 3; Traquair, Mon. Ganoid Fishes, 1877, p. 12.)
Palæoniscidæ.

<i>M. Clarkei</i> , <i>Egerton</i> .	L. Mesozoic. Wianamatta Series. Hawkesbury Series of N.S.Wales.	* <i>l. c.</i> p. 3, t. 1, f. 1; Davies and Barkas, Geol. Mag. 1874, 2nd ser. i. p. 551; Clarke, Remarks Sed. Forms, N. S. Wales, 3rd ed. 1875, p. 31.	Cockatoo Island; Chapel Hill, Campbeltown, N. S. Wales.
--------------------------------------	---	--	--

Genus *Palæoniscus*, *Agassiz*, 1833. (Poiss. Foss. ii. p. 41.)—*Palæoniscidæ*.

<i>P. antipodeus</i> , <i>Egerton</i> .	L. Mesozoic. Wianamatta Series of N.S.Wales.	* <i>l. c.</i> p. 4, t. 1, f. 4, and woodcut, Davies and Barkas, Geol. Mag. 1874, 2nd ser. i. p. 551.	Parsonage Hill, near Paramatta, N. S. Wales.
---	---	---	--

Notes. Mr F. T. Gregory recorded as fossils of secondary age, an *Ammonite* from Moresby's Range, an *Ammonite* from Mount Albert, and a *Pecten* from east of Wizard Peak.

A large Cephalopod, referable either to *Ancyloceras* or *Oricoceras* was detected by Mr Etheridge in the Daintree Collection (*Quart. Jour. Geol. Soc.* xxviii. p. 344).

(Pisces—Enaliosauria.)

(Mesozoic.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Urosthene</i> s, Dana, 1848. (American Jour. Sc. v. p. 433; Traquair, Mon. Ganoid Fishes, 1877, p. 12.)— <i>Palæoniscide</i> æ.			
<i>U. Australis</i> , Dana.	L. Mes. (Up. Coal M. of N.S. Wales ? = Trias).	* <i>l. c.</i> p. 434; *Geol. U. S. Expl. Expd. p. 681, Atlas, t. 1, f. 1; Clarke, Quart. Jour. Geol. Soc. 1861, xvii. p. 355; Egerton, <i>l. c.</i> p. 2; Davies and Barkas, Geol. Mag. 1874, 2nd ser. i. p. 553; Clarke, Remarks Sed. Forms, N. S. Wales, 3rd ed. 1875, pp. 31, 37; Mackenzie, Mines and Min. Stats. N. S. Wales, 1875, p. 216.	B. Coal-pit, Newcastle, N. S. Wales.

Class—Reptilia. Section—Enaliosauria.

Genus *Ichthyosaurus*, Kœnig, 1820? (Icon. Foss. Sectiles, t. 19, f. 250.)¹
Ichthyopterygia.

<i>I. Australis</i> , M'Coy.	Cretaceous?	*Trans. R. Soc. Vict. 1868, viii. p. 42; Annals Nat. Hist. 1867, xix. p. 355; <i>ibid. id.</i> xx. p. 196; Moore, Quart. Jour. Geol. Soc. 1870, xxvi. p. 228; M'Coy, Trans. R. Soc. Vict. 1869, ix. pt. 2, p. 77.	Head of Flinders River, Qu.
------------------------------	-------------	---	-----------------------------

Genus *Plesiosaurus*, Conybeare, 1821. (Trans. Geol. Soc. v. pt. 2, pp. 560 and 581.)
Sauropterygia.

<i>P. macrospondylus</i> , M'Coy.	Cretaceous?	Annals Nat. Hist. 1867, xix. p. 356; *Trans. R. Soc. Vict. 1868, viii. p. 42; Annals Nat. Hist. xx. p. 196.	Head of Flinders River, Qu.
<i>P. Sutherlandi</i> , M'Coy.	Cretaceous?	*Trans. R. Soc. Vict. 1868, viii. p. 42; Annals Nat. Hist. 1867, xix. p. 356; <i>ibid. id.</i> xx. p. 196.	Head of Flinders River, Qu.

Fish. With the Wollumbilla fossils, numerous fragments of fish teeth and scales occur, which are considered by Mr Moore to belong probably to the genera *Hybodus* and *Lepidotus* (Quart. Jour. Geol. Soc. xxvi. p. 238). In Mr Daintree's Cretaceous Collection, Mr Etheridge observed the remains of an *Aspidorhynchus* from Hughenden (*ibid.* xxviii. p. 346).

¹ Not described by Kœnig in this fragmentary work. It was described and figured, but not named by Home in the *Phil. Trans.* (1814, pp. 571–76, pl. 16).

TERTIARY.

(Plantæ.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Kingdom—Plantæ. Section—Phanerogamia. Class—Dicotyledones.</i>			
Genus <i>Acrocoila</i> , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines, N. S. Wales, for 1876, p. 179.)— <i>Calyciflora</i> .			
<i>A. anodonta</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	* <i>loc. cit.</i> p. 180.	Gulgong, N. S. Wales.
Genus <i>Banksia</i> , <i>Linnaeus</i> (<i>fil.</i>), 1781 (Suppl. p. 15; <i>R. Brown</i> , Trans. Linn. Soc. x. p. 202), non <i>Forster</i> , 1776.— <i>Proteaceæ</i> .			
<i>B. sp. ind.</i>	Older G. D. (= <i>M. Pliocene</i> ?).	Redaway, Quart. Jour. Geol. Soc. 1858, xiv. p. 541; <i>Murchison</i> , Siluria, 4th ed. 1867, p. 462; <i>Smyth</i> , Progress Report, 1874, i. p. 30; <i>ibid.</i> 1875, ii. 28; <i>id.</i> 1876, iii. p. 48.	Creswick; Chiltern, Vict.
Genus <i>Celyphina</i> , <i>F. v. Mueller</i> , 1871. (Repts. Mining Surveyors, Regist. Vict. Sept. 1871, App. p. 40; Obs. New Veg. Fossils, 1874, p. 17.)— <i>Proteaceæ</i> .			
<i>C. Maccoyi</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	* <i>l. c.</i> p. 40, t. 5, figs. 1—7; *Obs. New Veg. Foss. Vict. 1874, p. 17, t. 5, figs. 1—7.	Haddon; Tangil R. Vict.
Genus <i>Cinnamomum</i> , <i>J. Burman</i> , 1737. (Thes. Zeyl. p. 62, t. 27.)— <i>Lauraceæ</i> .			
<i>C. polymorphoides</i> , <i>M. Coy.</i>	<i>M. Ter.</i> (<i>Miocene</i> ?).	<i>Smyth's</i> Progress Report, 1874, p. 35; <i>ibid.</i> ii. 1875, p. 24; <i>Couchman's id.</i> 1877, iv. p. 17; * <i>Geol. Survey</i> , Vict. 1876, Dec. iv. p. 31, t. 40, f. 1—3.	Maddingly; Bacchus Marsh, Vict.
Genus <i>Conchotheca</i> , <i>F. v. Mueller</i> , 1873. (Repts. Mining Surveyors, Regist. Vict. Sept. 1873, App. p. 41; Obs. New Veg. Fossils, 1874, p. 19.)— <i>Proteaceæ</i> ?			
<i>C. rotundata</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	* <i>l. c.</i> p. 41, t. 6, figs. 9—11; <i>Smyth's</i> Progress Report, 1874, p. 37; *Obs. New Veg. Foss. p. 19, t. 6, figs. 9—11.	Nintingbool, near Haddon, Vict.
<i>C. turgida</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	*Repts. Mining Surveyors, Regist. Vict. Sept. 1874, App. p. 42, t. 10, figs. 5—12; *Obs. New Veg. Foss. 1874, p. 24, t. 10, figs. 5—12; <i>Smyth's</i> Progress Report, 1876, iii. p. 80.	Nintingbool, near Haddon; River Tangil, Vict. Darling Downs, Qu.
Genus <i>Daphnogenia</i> , <i>Unger</i> , 1845. (Synop. Plant. Foss. p. 227.)— <i>Thymelæaceæ</i> .			
<i>D. sp. ind.</i>	<i>U. Ter.</i> ? (<i>Bacchus Marsh beds</i>).	<i>Smyth</i> , Mineral Statistics, Exhib. Essays, 1872, p. 15, note; Progress Report, 1875, ii. p. 24.	Bacchus Marsh, Vict.

(Plantæ.)		(Tertiary.)	
Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Dieune</i> , <i>F. v. Mueller</i> , 1874. (Repts. Mining Surveyors, Regist. Vict. Sept. 1874, App. p. 41; Obs. New Veg. Fossils, p. 22.)— <i>Capparidaceæ</i> or <i>Pittosporaceæ</i> ?			
<i>D. pluriovulata</i> , <i>F. v. Mueller</i> .	Older G. D. = (M. Pliocene?).	* <i>l. c.</i> p. 41, t. 9, figs. 1—4; *Obs. New Veg. Foss. 1874, p. 22, t. 9, figs. 1—4.	Haddon, <i>Vict.</i>
Genus <i>Eisothecaryon</i> , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines, N. S. Wales, for 1876, p. 178.) ? = <i>Villaresia</i> .— <i>Oliaceæ</i> ?			
<i>E. semiseptatum</i> , <i>F. v. Mueller</i> .	Older G. D. = (M. Pliocene?).	* <i>loc. cit.</i> p. 178.	Gulgong, N. S. Wales.
Genus <i>Eucalyptus</i> , <i>l'Heritier</i> , 1788. (Sertum Anglicum, p. 18.)— <i>Myrtaceæ</i> .			
<i>E. obliqua</i> , <i>l'Heritier</i> .	Older G. D. = (M. Pliocene?).	* <i>loc. cit.</i> p. 18, t. 20; M'Coy, Smyth's Progress Report, 1874, i. p. 36; Smyth, <i>ibid.</i> p. 30; <i>id. ibid.</i> 1876, iii. p. 48.	?Malmsbury and Daylesford, <i>Vict.</i>
<i>E. Pluti</i> , <i>M'Coy</i> .	Older G. D. = (M. Pliocene?).	*Geol. Survey, Vict. 1876, Dec. iv. p. 29, t. 39; Couchman's Progress Report, 1877, iv. p. 17.	Daylesford, <i>Vict.</i>
Genus <i>Illicites</i> , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines N. S. Wales, for 1876, p. 178.) ? = <i>Illicium</i> .— <i>Magnoliaceæ</i> ?			
<i>I. astrocarpa</i> , <i>F. v. Mueller</i> .	Older G. D. (= M. Pliocene?).	* <i>loc. cit.</i> p. 179.	Gulgong, N. S. Wales.
Genus <i>Laurus</i> , <i>Tournefort</i> , 1700. (Inst. rei Herbariæ, ed. alt. i. p. 597.)— <i>Lauraceæ</i> .			
<i>L. sp. ind.</i>	U. Ter. ? (Bacchus Marsh beds).	Smyth, Mineral Statistics, Exhib. Essay, 1872, p. 15 note; Progress Report, 1875, ii. p. 24.	Bacchus Marsh, <i>Vict.</i>
<i>L. Werribeensis</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	*Geol. Survey, Vict. 1876, iv. p. 32, t. 40, f. 4; Couchman's Progress Report, 1877, iv. p. 17.	Werribee R. <i>Vict.</i>
Genus <i>Liversidgea</i> , <i>F. v. Mueller</i> , 1877. (Jour. R. Soc. N. S. Wales, x. p. 239.)			
<i>L. oxyspora</i> , <i>F. v. Mueller</i> .		* <i>loc. cit.</i> p. 239, plate, f. 1—5.	Richmond River, N. S. Wales.
Genus <i>Ochthodocaryon</i> , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines, N. S. Wales, for 1876, p. 178.)— <i>Capparidaceæ</i> ?			
<i>O. Wilkinsonii</i> , <i>F. v. Mueller</i> .	Older G. D. (= M. Pliocene?).	* <i>loc. cit.</i> p. 179.	Gulgong, N. S. Wales.

(Plantæ.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Odontocaryon</i> , <i>F. v. Mueller</i> , 1873. (Repts. Mining Surveyors, Regist. Vict. Sept. 1873, App. p. 41; Obs. New Veg. Fossils, 1874, p. 18.)			
<i>O. Macgregorii</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>loc. cit.</i> p. 41, t. 6, figs. 5—8; Smyth's Progress Report, 1874, p. 37; *Obs. New Veg. Foss. 1874, p. 18, t. 6, figs. 5—8.	Nintingbool, near Haddon, <i>Vict.</i>
Genus <i>Pentacolla</i> , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines, N. S. Wales, for 1876, p. 179.)— <i>Sapindaceæ</i> .			
<i>P. Gulgonensis</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>loc. cit.</i> p. 179.	Gulgong, N. S. <i>Wales.</i>
Genus <i>Penteune</i> , <i>F. v. Mueller</i> , 1874. (Repts. Mining Surveyors, Regist. Vict. Dec. 1873, App. p. 41; Obs. New Veg. Fossils, 1874, p. 20.)— <i>Sapindaceæ</i> .			
<i>P. brachyclinis</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> p. 41, t. 8, figs. 1—9; *Obs. New Veg. Foss. 1874, p. 21, t. 8, f. 1—9.	Smythe's Creek, <i>Vict.</i>
<i>P. Clarkei</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> p. 41, t. 7, figs. 1—10; *Obs. New Veg. Foss. 1874, pp. 21 and 27, t. 7, f. 1—10; Wilkinson, Mines and Mining Stats. N. S. Wales, 1875, p. 125.	Smythe's Creek; Eldorado Mines, Beechworth, <i>Vict.</i> Orange, N.S. <i>Wales.</i>
<i>P. trachyclinis</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> p. 41, t. 8, figs. 10—17; *Obs. New Veg. Foss. 1874, p. 22, t. 8, figs. 10—17.	Smythe's Creek; Eldorado Mines, Beechworth, <i>Vict.</i>
Genus <i>Phymatocaryon</i> , <i>F. v. Mueller</i> , 1871. (Repts. Mining Surveyors, Regist. Vict. June, App. B. p. 47; Obs. New Veg. Fossils, 1874, p. 10.)— <i>Sapindaceæ</i> ?			
<i>P. angulare</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> Sept. 1874, App. p. 41, t. 10, figs. 1—4; *Obs. New Veg. Foss. 1874, p. 23, t. 10, figs. 1—4.	Smythe's Creek, <i>Vict.</i>
<i>P. bivalve</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	*Ann. Report Dep. Mines, N. S. Wales, (for 1876) 1877, p. 180.	Gulgong, N. S. <i>Wales.</i>
<i>P. Mackayi</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	*Repts. Mining Surveyors, Regist. Vict. June, 1871, App. B. p. 47, t. 2, f. 1—15; Smyth's Progress Report, 1874, p. 37; *Obs. New Veg. Foss. 1874, pp. 11 and 27, t. 2.	Haddon; Tangil R.; Eldorado Mines, Beechworth, <i>Vict.</i>
Genus <i>Platycoila</i> , <i>F. v. Mueller</i> , 1874. (Repts. Mining Surveyors, Regist. Sept. 1874, App. p. 41; Obs. New Veg. Fossils, p. 23.)			
<i>P. Sullivani</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> p. 41, t. 9, figs. 5—9; *Obs. New Veg. Foss. 1874, p. 23, t. 9, figs. 5—9.	Nintingbool, near Haddon, <i>Vict.</i>

(Plantæ.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Pleiacron , <i>F. v. Mueller</i> , 1877. (Ann. Report Dep. Mines, N. S. Wales, for 1876, p. 179.)			
<i>P. elachocarpum</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>loc. cit.</i> p. 179.	Gulgong, N. S. Wales.
Genus Plesiocapparis , <i>F. v. Mueller</i> , 1871. (Repts. Mining Surveyors, Regist. Sept. 1871, App. p. 40; Obs. New Veg. Fossils, 1874, p. 16.)— <i>Capparidaceæ</i> ?			
<i>P. leptocelyphis</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	*Ann. Report Dep. Mines, N. S. Wales, (for 1876) 1877, p. 180.	Gulgong, N. S. Wales.
<i>P. prisea</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	*Reports Mining Surveyors, Regist. Sept. 1871, App. p. 40, t. 4, figs. 9—11; Smyth's Progress Report, 1874, p. 37; *Obs. New Veg. Foss. 1874, p. 16, t. 4, figs. 9—11.	Haddon, Vict.
Genus Rhytidocaryon , <i>F. v. Mueller</i> , 1875. (Ann. Report Dept. Mines, N. S. Wales, for 1875!; Repts. Mining Surveyors and Regists. Vict. Sept. 1876, p. 39.)— <i>Menispermaceæ</i> .			
<i>R. Wilkinsonii</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	Clarke, Remarks Sed. Forms N.S. Wales, 3rd ed. 1875, p. 49; Wilkinson, *Mines and Mining Stats. N. S. Wales, 1875, p. 124; v. Mueller, Repts. Mining Surveyors, Sept. 1876, p. 39, t. 12.	W. of Bathurst; Lumpy Swamp, near Orange and Carcoar, N. S. Wales.
Genus Rhytidotheca , <i>F. v. Mueller</i> , 1871. (Repts. Mining Surveyors and Regists. Vict. Sept. 1871, App. p. 39; Obs. New Veg. Fossils, 1874, p. 14.)			
<i>R. Lynchii</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	* <i>l. c.</i> p. 39, t. 4, figs. 1—8; Smyth's Progress Report, 1874, p. 37; *Obs. New Veg. Foss. Vict. 1874, p. 15, t. 4, figs. 1—8.	Nintingbool, near Haddon, Vict.
<i>R. pleioclinis</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	*Repts. Mining Surveyors and Regists. Vict. Sept. 1873, App. p. 42, t. 6, figs. 1—4; *Obs. New Veg. Foss. Vict. 1874, p. 19, t. 6, figs. 1—4.	Nintingbool, near Haddon, Vict.
Genus Spondylostrobus , <i>F. v. Mueller</i> , 1870. (Geol. Mag. vii. p. 390; Reports Mining Surveyors and Regists. March 1871, App. B. p. 48; Obs. New Veg. Fossils, 1874, p. 8.)— <i>Conifera</i> .			
<i>S. Smythii</i> , <i>F. v. Mueller</i> .	Older G. D. (=M. Pliocene?).	Geol. Mag. 1870, vii. p. 390; Quart. Jour. Geol. Soc. 1870, xxvi. p. 610; *Repts. Mining Surveyors and Regists. Vict. March, 1871, App. B. p. 48, t. 1; Smyth's Progress Rept. 1874, p. 37; *Obs. New Veg. Foss. Vict. 1874, pp. 8 and 27, t. 1; Wilkinson, Mines and Mining Stat. N. S. Wales, 1875, p. 125; var. <i>cryptaxis</i> , v. Mueller, *Ann. Report, Dep. Mines, N.S. Wales, (for 1876) 1877, p. 180.	Haddon; R. Tangil; Eldorado, near Beechworth, Vict. Orange, N.S. Wales.

(Plantæ—Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Trematocaryon</i> , <i>F. v. Mueller</i> , 1871. (Repts. Mining Surveyors and Regists. Vict. June, 1871, App. B. p. 48; Obs. New Veg. Fossils, 1874, p. 12.)— <i>Verbenaceæ</i> .			
<i>T. Maclellani</i> , <i>F. v. Mueller</i> ,	Older G. D. (= <i>M. Pliocene</i> ?).	* <i>l. c.</i> p. 48, t. 3, figs. 1—17; Smyth's Progress Report, 1874, p. 37; *Obs. New Foss. Veg. Vict. 1874, p. 13, t. 3.	Nintingbool; Eldorado Mines, Beechworth, Vict.
Genus <i>Wilkinsonia</i> , <i>F. v. Mueller</i> , 1877. (Reports Mining Surveyors and Regists. Sept. 1877, p. 37.)			
<i>W. bilaminata</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	<i>loc. cit.</i> p. 37, t. 12.	Bencree, Gulgong, N. S. Wales.
Genus <i>Xylocaryon</i> , <i>F. v. Mueller</i> , 1875. (Repts. Mining Surveyors and Regists. Vict. June, 1875, App. p. 41.)			
<i>X. Lockii</i> , <i>F. v. Mueller</i> .	Older G. D. (= <i>M. Pliocene</i> ?).	* <i>l. c.</i> p. 41, t. 11; Smyth's Progress Report, 1876, III. p. 77.	Nintingbool, Vict.

Kingdom—Animalia. Sub-kingdom—Protozoa. Class—Rhizopoda.

Order—Foraminifera.

Genus *Amphistegina*, *d'Orbigny*, 1826. (Ann. Sc. Nat. VII. p. 304.)
Perforata-Nummulinidæ.

<i>A. vulgaris</i> , <i>d'Orb.</i>	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?).	<i>loc. cit.</i> p. 305; Parker, Jones, and Brady, *Annals Nat. Hist. 1865, xvi. pp. 25, 36, t. 3, f. 91; Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391.	Muddy Ck. Vict. Mount Gambier, S. Australia? (fide Jones).
Genus <i>Biloculina</i> , <i>d'Orbigny</i> , 1826. (Ann. Sc. Nat. VII. p. 297; Jones, Parker, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 4.)— <i>Imperforata-Miliolida</i> .			
<i>B. contraria</i> , <i>d'Orb.</i>	M. Ter. (Miocene?).	*Foram. Foss. Vien. 1846, p. 266, t. 16, f. 4—6; H. B. Brady, *Linn. Trans. 1864, xxiv. pp. 466 and 472, t. 48, f. 2; Etheridge, jun. Geol. Mag. Dec. 2, III. p. 335.	Murray Flats, S. Australia.
<i>B. depressa</i> , <i>d'Orb.</i>	M. Ter. (Miocene?).	Ann. Sci. Nat. 1826, VII. p. 298; <i>Miliola</i> (<i>Biloculina</i>), Parker and Jones, *Phil. Trans. 1865, clv. p. 409, t. 17, f. 89 a and b; Jones, Parker, and Brady, *Mon. Foram. Crag. 1866, pt. 1, p. 6, t. 3, f. 29 and 30; <i>Biloculina</i> , Etheridge, jun. Geol. Mag. 1876, Dec. 2, III. p. 335.	Murray Flats, S. Australia.
<i>B. elongata</i> , <i>d'Orb.</i>	M. Ter. (Miocene?).	Ann. Sci. Nat. 1826, VII. p. 298; <i>Miliola</i> (<i>Biloculina</i>), Parker and Jones, *Phil. Trans. 1865, clv. p. 409, t. 17, f. 88, 90, and 91; <i>Biloculina</i> , Etheridge, jun. Geol. Mag. 1876, Dec. 2, III. p. 335.	Murray Flats, S. Australia.

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>B. ringens</i> , <i>Lamarck</i> .	M. Ter. (Miocene?).	<i>Miliolites</i> , *Ann. Museum, 1804, v. p. 351; <i>Biloculina</i> , Parker and Jones, *Annals Nat. Hist. 1857, xix. p. 298, t. 10, f. 28—33; <i>Miliola</i> (<i>Biloculina</i>), Parker and Jones, *Phil. Trans. 1865, clv. p. 409, t. 15, f. 42—44; <i>Biloculina</i> , Jones, Parker and Brady, *Mon. Foram. Crag. 1866, pt. 1, p. 5, t. 3, f. 26—28; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, <i>S. Australia</i> .

Genus *Cassidulina*, *d'Orbigny*, 1826. (Ann. Sc. Nat. vii. p. 282.)
Perforata-Globigerinida.

<i>C. oblonga</i> , <i>Reuss</i> .	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	*Denksch. K. Akad. Wissensch. Wien, i. 1850, p. 376, t. 48, f. 5 and 6; Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>id.</i> Proc. R. Soc. Tas. (for 1875), 1876, p. 18.	Mount Gambier, <i>S. Australia</i> . Table Cape, <i>Tas.</i>
------------------------------------	---	--	---

Genus *Cornuspira*, *Schultze*, 1854. (Organismus Polythal. p. 40; Parker and Jones, Mon. Foram. Crag. 1866, pt. 1, p. 1.)—*Imperforata-Miliolida*.

<i>C. foliacea</i> , <i>Philippi</i> .	M. Ter. (Miocene?).	<i>Orbis</i> , *Enum. Moll. Sicilia, 1844, ii. p. 147, t. 24, f. 26; <i>Cornuspira</i> , H. B. Brady, Linn. Trans. 1864, xxiv. p. 472; <i>id.</i> Jones, Parker, and Brady, *Mon. Foram. Crag. 1866, pt. 1, p. 2, t. 3, f. 50 and 51; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, <i>S. Australia</i> .
<i>C. involvens</i> , <i>Reuss</i> .	M. Ter. (Miocene?).	<i>Operculina</i> , *Denksch. K. Akad. Wissensch. Wien, 1850, i. p. 370, t. 46, f. 30; <i>Cornuspira</i> , *Sitz. K. Akad. Wissensch. Wien, 1863, xlviii. 1 Abth. p. 39, t. 1, f. 2; <i>id.</i> Jones, Parker, and Brady, *Mon. Foram. Crag. 1866, pt. 1, p. 3, t. 3, f. 52—54; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, <i>S. Australia</i> .

Genus *Cristellaria*, *Lamarck*, 1812. (Cours de Zoologie! Hist. Nat. Anim. s. Vertèb. 1822, vii. p. 607; Parker, Jones, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 72.)
Perforata-Lagenida.

<i>C. rotulata</i> , <i>Lamarck</i> .	M. Ter. (Miocene?).	<i>Lenticulites</i> , *Ann. du Museum, v. p. 188; <i>id.</i> <i>ibid.</i> viii. t. 62, f. 11; <i>Cristellaria</i> , <i>d'Orb.</i> *Mém. Soc.	Murray Flats, <i>S. Australia</i> .
---------------------------------------	---------------------	--	-------------------------------------

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		Géol. de France, 1840, iv. p. 26, t. 2, f. 15—18; <i>id.</i> Parker and Jones, *Phil. Trans. 1865, clv. p. 345, t. 13, f. 19.	

Genus *Discorbina*, Parker and Jones, 1862. (Carpenter's Introduction Foram. p. 203.)
Perforata-Globigerinidæ.

D. Bertheloti, <i>d'Orb.</i>	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	<i>Rosalina</i> , *Foram. Canaries, 1839, p. 135, t. 1, figs. 28—30; <i>id.</i> Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>Discorbina</i> , Parker and Jones, Phil. Trans. 1865, clv. p. 385; <i>Rosalina</i> , Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 18.	Mount Gambier, S. Australia. Table Cape, Tas.
D. turbo, <i>d'Orbigny.</i>	Hamilton Series (L. or M. Ter.?).	<i>Rotalia</i> , Ann. Sc. Nat. 1826, vii. p. 274; <i>Discorbina</i> , Parker and Jones, *Phil. Trans. 1865, clv. p. 384, t. 14, f. 18—23, t. 16, figs. 26—28; Parker, Jones, and Brady, Annals Nat. Hist. 1865, xvi. p. 36; Woods, Quart. Jour. Geol. Soc. 1860, xxi. p. 391.	Muddy Ck. Vict.

Genus *Glandulina*, *d'Orbigny*, 1826. (Ann. Sci. Nat. vii. p. 251; Jones, Parker, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 47.)—*Perforata, Lagenida.*

G. lævigata, <i>d'Orb.</i>	M. Ter. (Miocene?).	<i>Nodosaria</i> , * <i>loc. cit.</i> p. 252, t. 10, f. 1—3; <i>Glandulina</i> , *Foram. Foss. Vien. 1846, p. 29, t. 1, f. 4 and 5; <i>Nodosaria</i> , Parker and Jones, *Annals Nat. Hist. 1857, xix. p. 280, t. 10, f. 6—9; <i>N. (Glandulina)</i> , <i>id.</i> *Phil. Trans. 1865, clv. p. 340, t. 13, f. 1; <i>Glandulina</i> , Jones, Parker, and Brady, *Mon. Foram. Crag. 1866, pt. 1, p. 47, t. 1, f. 1 and 2; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
----------------------------	---------------------	---	-----------------------------

Genus *Globigerina*, *d'Orbigny*, 1826. (Ann. Sc. Nat. vii. p. 277.)
Perforata-Globigerinidæ.

G. bulloides, <i>d'Orb.</i>	Mt. Gambier Series (L. or M. Ter.?).	<i>loc. cit.</i> p. 277; *Foram. Foss. Vien. 1846, p. 163, t. 9, figs. 4—6; Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, pp. 71 and 72; Parker, Jones, and Brady, *Annals Nat. Hist. 1865, xvi. pp. 21, 31, 36, t. 2, figs. 55, 56; <i>id.</i> * <i>ibid.</i> 1871, viii. p. 175, t. 11, f. 112.	Mount Gambier, S. Australia.
-----------------------------	--------------------------------------	--	------------------------------

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Hauerina</i> , d'Orbigny, 1839. (Foram. de Cuba!; Foram. Foss. Vien. 1846, p. 118.) <i>Imperforata-Miliolida</i> .			
<i>H. compressa</i> , d'Orb.	M. Ter. (Miocene?).	*Foram. Foss. Vien. 1846, p. 119, t. 5, f. 25—27; Etheridge, jun. Geol. Mag. 1876, Dec. 2, III. p. 335.	Murray Flats, S. Australia.
Genus <i>Lituola</i> , Lamarck, 1804. (Ann. Museum, v. p. 242.)— <i>Imperforata-Lituolida</i> .			
<i>L. Soldanii</i> , Jones and Parker.		*Quart. Jour. Geol. Soc. 1860, XVI. p. 307.	Geelong, Vict. (fide Jones).
Genus <i>Nummulina</i> , d'Orbigny, 1826. (Ann. Sc. Nat. VII. p. 295. Brady, Mon. Carb. Permian Foram. 1876, p. 147.)— <i>Perforata-Nummulinida</i> .			
<i>N. Raymondi</i> , DeFr.?	Hamilton beds (L. or M. Ter.?).	<i>Nummulites</i> , Dict. Sc. Nat. 1825, XXXV. p. 226; d'Archiac et Haime, *Anim. Foss. de l'Inde, 1853, p. 128, t. 7, figs. 13—17.	Muddy Ck. Vict. (fide Jones).
Genus <i>Operculina</i> , d'Orbigny, 1826. (Ann. Sc. Nat. VII. p. 281.)— <i>Perforata-Nummulinida</i> .			
<i>O. Arabica</i> , Carter.	Mt. Gambier Series.	*Annals Nat. Hist. 1852, x. p. 161, t. 4; Woods, Geol. Obs. S. Austr. 1862, p. 72.	Mount Gambier, S. Australia.
<i>O. complanata</i> , DeFr.	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?).	<i>Lenticulites</i> , *Dict. Sc. Nat. 1822, p. 453; <i>Operculina</i> , d'Orb. Ann. Sc. Nat. 1826, VII. p. 281; Parker and Jones, Annals Nat. Hist. 1861, VIII. p. 229; <i>id. ibid.</i> 1863, XII. pp. 435, 440; Parker, Jones, and Brady, <i>ibid.</i> 1865, XVI. pp. 32, 36, t. 3, f. 93; Woods, Quart. Jour. Geol. Soc. 1865, XXI. p. 391.	Muddy Ck. Vict. Mount Gambier, S. Australia? (fide Jones).
Genus <i>Orbitolites</i> , Lamarck, 1801. (Système Anim. s. Vertèb. p. 376; Parker, Jones, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 22.)— <i>Imperforata-Miliolida</i> .			
<i>O. complanatus</i> , Lamarck.	M. Ter. (Miocene?).	* <i>loc. cit.</i> p. 376; Etheridge, jun. Geol. Mag. 1876, Dec. 2, III. p. 335.	Murray Flats, S. Australia.
Genus <i>Orbulina</i> , d'Orbigny, 1839. (Foram. de Cuba, p. 3.)— <i>Perforata-Globigerinida</i> .			
<i>O. universa</i> , d'Orb.	Mt. Gambier Series (L. or M. Ter.?)	* <i>l. c.</i> p. 3, t. 1, f. 1; *Foram. Canaries, 1839, p. 122, t. 1, f. 1; Parker, Jones, and Brady, Annals Nat. Hist. 1871, VIII. p. 260.	Mount Gambier, S. Australia? (fide Jones).

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Planorbulina</i> , d'Orbigny, 1826 (see p. 103).— <i>Perforata-Globigerinida</i> .			
<i>P. Haidingerii</i> , d'Orb.	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?).	<i>Rotalia</i> , *Foram. Foss. Vien. 1846, p. 154, t. 8, figs. 8 and 9; <i>Rotalia</i> , Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>Pl. farcta</i> , var. <i>Haidingerii</i> , Parker and Jones, *Phil. Trans. 1865, clv. p. 382, t. 16, f. 22; <i>Planorbulina Haidingerii</i> , Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391; <i>id.</i> Jones and Parker, Quart. Jour. Geol. Soc. 1872, xxviii. pp. 109, 110, table, <i>et seq.</i>	Muddy Ck. Vict. Mount Gambier, S. Australia.
<i>P. lobatula</i> , d'Orb.	M. Ter. (Miocene?).	See p. 103, <i>Truncatulina</i> , Parker and Jones, *Annals Nat. Hist. 1857, xix. p. 293, t. 10, f. 17—21; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
<i>P. reticulata</i> , Čížek.	Mt. Gambier Series (L. or M. Ter.?).	<i>Rotalina</i> , *Haiding. Nat. Abhandl. 1848, ii. p. 145, t. 13, figs. 7—9; <i>Rotalia</i> , Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>Planorbulina</i> , Parker and Jones, l. c. 1872, xxviii. p. 112; Etheridge, jun. Geol. Mag. Dec. 2, iii. p. 335.	Mount Gambier, S. Australia.
<i>P. rotula</i> , d'Orb.	Mt. Gambier Series (L. or M. Ter.?).	<i>Anomalina</i> , *Foram. Foss. Vien. 1846, p. 172, t. 10, f. 10—12; <i>Rotalia</i> , Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>Pl. tuberosa</i> , var. <i>rotula</i> , Jones and Parker, l. c. 1872, xxviii. pp. 109, table, <i>et seq.</i>	Mount Gambier, S. Australia.
<i>P. Ungeriana</i> , d'Orb.	Mt. Gambier Series (L. or M. Ter.?).	Vide p. 104; <i>Rotalia</i> , Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>Planorbulina</i> , Jones and Parker, Quart. Jour. Geol. Soc. 1872, xxviii. pp. 109, table, <i>et seq.</i> ; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Mount Gambier, S. Australia.

Genus *Planularia*, DeFrance, 1826. (Dict. Sc. Nat. xli. p. 244).—*Perforata-Lagenida*.

<i>P. crepidula</i> , Fichtel and Moll.	Mt. Gambier Series (L. or M. Ter.?).	<i>Nautilus</i> , *Testacea Minut. 1803, p. 107, t. 19, fig. f—i.	Mount Gambier, S. Australia (fide Jones).
---	--------------------------------------	---	---

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Polymorphina</i> , d'Orbigny, 1826 (see p. 104).— <i>Perforata-Lagenida</i> .			
<i>P. lactea</i> , Walker and Jacob.	Mt. Gambier Series (L. or M. Ter.?).	Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, p. 71; <i>id.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 391 (see p. 104).	Muddy Ck. Vict. Mount Gambier, S. Australia.

Genus *Polystomella*, Lamarek, 1822. (Hist. Nat. Anim. s. Vertèb. vii. p. 624.)
Perforata-Nummulinida.

<i>P. craticulata</i> , Fichtel and Moll.	M. Ter. (Miocene?).	<i>Nautilus</i> , * <i>Testacea Minut.</i> 1803, p. 51, t. 5, fig. <i>h, i</i> , and <i>k</i> ; Parker and Jones, Phil. Trans. 1865, clv. p. 400; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
<i>P. macella</i> , Fichtel and Moll.	M. Ter. (Miocene?).	<i>Nautilus</i> , * <i>Testacea Minut.</i> 1803, p. 107, t. 19, fig. <i>f, g</i> ; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.

Genus *Pulvinulina*, Parker and Jones, 1862. (Carpenter's Introd. Foram. p. 210.)
Perforata-Globigerinida.

<i>P. pulchella</i> , d'Orb.	Hamilton Series; Mt. Gambier Series (=L. or M. Ter.?).	<i>Rotalia</i> , Ann. Sc. Nat. 1826, vii. p. 274; <i>Pulvinulina</i> , Parker, Jones, and Brady, Annals Nat. Hist. 1865, xvi. p. 30; <i>id.</i> Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391.	Muddy Ck. Vict. Mount Gambier, S. Australia (fide Jones).
<i>P. repanda</i> , var. <i>elegans</i> , d'Orbigny.	M. Ter. (Miocene?).	<i>P. elegans</i> , d'Orb. Ann. Sci. Nat. 1826, vii. p. 276; <i>P. repanda</i> , var. <i>elegans</i> , Parker and Jones *Phil. Trans. 1865, clv. p. 397, t. 16, f. 44—46; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.

Genus *Quinqueloculina*, d'Orbigny, 1826. (Ann. Sc. Nat. 1826, viii. p. 301; Jones, Parker, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 9.)
Imperforata-Miliolida.

<i>Q. agglutinans</i> , d'Orb.	M. Ter. (Miocene?).	*Foram. de Cuba, 1839, p. 195, t. 12, f. 11—13!; <i>Miliola</i> (<i>Quinqueloculina</i>), Parker and Jones, *Phil. Trans. 1865, clv. p. 410, t. 15, f. 37 <i>a</i> and <i>b</i> ; <i>Quinqueloculina</i> , Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
<i>Q. secans</i> , d'Orb.	M. Ter. (Miocene?).	Ann. Sc. Nat. 1826, vii. p. 303; Parker, Jones, and Brady, Annals Nat. Hist. 1865, xvi. p. 34, t. 1, f. 10; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Q. seminulum</i> , Linn.	Hamilton Series; Mt. Gambier Series (L. or M. Ter.), &c.	*Syst. Nat. 12th ed. p. 1264, no. 791; <i>Quinqueloculina</i> , d'Orb. Ann. Sc. Nat. 1826, vii. p. 303; <i>Miliola</i> (<i>Quinqueloculina</i>), Parker and Jones, Annals Nat. Hist. 1859, iii. p. 480; <i>Quinqueloculina</i> , Parker, Jones, and Brady, <i>ibid.</i> 1871, viii. p. 251, t. 8, f. 10; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Muddy Ck. Vict. Mt. Gambier (fide Jones); Murray Flats, S. Austr.
<i>Q. subrotunda</i> , Montagu.	M. Ter. (Miocene?).	<i>Vermiculium</i> , Test. Brit. pt. 2, 1803, p. 521; <i>Quinqueloculina</i> , d'Orb. Ann. Sci. Nat. 1826, vii. p. 302; <i>Miliola</i> (<i>Quinque.</i>), Parker and Jones, *Phil. Trans. 1865, clv. p. 411, t. 15, f. 38 <i>a</i> and <i>b</i> ; <i>Quinqueloculina</i> , Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335; Jones, Parker, and Brady, *Mon. Crag. Foram. 1866, pt. 1, p. 11.	Murray Flats, S. Australia.

Genus *Rosalina*, d'Orbigny, 1826. (Ann. d. Sc. Nat. vii. p. 271.) Vide *Discorbina*, *Pulvinulina*, &c.

R. Bertheloti, d'Orb. | Vide *Discorbina Bertheloti*, d'Orb. |

Genus *Rotalia*, Lamarck, 1804. (Ann. Museum, v. p. 183.)—*Perforata-Globigerinida*.

<i>R. Beccarii</i> , Linn. var. <i>Soldanii</i> , d'Orb.	M. Ter. (Miocene?).	<i>Nautilus Beccarii</i> , Syst. Nat. ed. 12, i. pt. 2, p. 1162; <i>Rotalia</i> , <i>id.</i> Parker and Jones, Annals, 1859, iii. p. 479; var. <i>Soldanii</i> , <i>id.</i> *Phil. Trans. 1865, clv. p. 389, t. 16, f. 31—33; <i>R. Soldanii</i> , Stache, *Pal. N. Seeland, 1865, p. 273, t. 24, f. 23 <i>a</i> — <i>c</i> , f. 24 <i>a</i> — <i>c</i> ; <i>id.</i> R. Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
<i>R. Haidingeri</i> , d'Orb.		Vide <i>Planorbulina Haidingeri</i> , d'Orbigny.	
<i>R. reticulata</i> , Čížek.		Vide <i>Planorbulina reticulata</i> , Čížek.	
<i>R. rotula</i> , d'Orb.		Vide <i>Planorbulina rotula</i> , d'Orb.	
<i>R. Ungeriana</i> , d'Orb.		Vide <i>Planorbulina Ungeriana</i> , d'Orbigny.	

(Rhizopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Spiroloculina</i> , <i>d'Orbigny</i> , 1826. (Ann. Sc. Nat. vii. p. 298; Jones, Parker, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 15.)— <i>Imperforata-Miliolida</i> .			
<i>S. canaliculata</i> , <i>d'Orbigny</i> .	M. Ter. (Miocene?).	*Foram. Foss. Vien. 1846, p. 269, t. 16, f. 10—12; Jones, Parker, and Brady, *Mon. Foram. Crag. pt. 1, 1866, p. 16, t. 3, f. 39 and 40; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, <i>S. Australia</i> .

Genus *Textularia*, *DeFrance*, 1824. (Dict. Sc. Nat. xxxii. p. 177.)
Perforata-Globigerinida.

<i>T. agglutinans</i> , <i>d'Orb.</i>	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	*Foram. de Cuba, t. 1, figs. 32—34; Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, p. 71; Parker and Jones, Annals Nat. Hist. 1863, xi. pp. 91, 97; Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 18.	Mount Gambier, <i>S. Australia</i> . Table Cape, <i>Tas.</i>
<i>T. pygmæa</i> , <i>d'Orb.</i>	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	Ann. Sc. Nat. 1826, vii. p. 263; Parker and Jones, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, p. 71; Parker, Jones, and Brady, Annals Nat. Hist. 1865, xvi. pp. 19, 36, t. 2, f. 59; Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 18.	Mount Gambier, <i>S. Australia</i> . Table Cape, <i>Tas.</i>
<i>T. sagittula</i> , <i>DeFr.</i>	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?).	Dict. Sc. Nat. 1824, xxxii. p. 177; <i>ibid.</i> 1828, liii. p. 344, t. 13, f. 5; <i>d'Orb.</i> Ann. Sc. Nat. 1826, vii. p. 263; Parker and Jones, Annals Nat. Hist. 1863, xii. pp. 218, 437; Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391; Parker, Jones, and Brady, Annals Nat. Hist. 1871, viii. p. 168, t. 11, f. 114.	Muddy Ck. <i>Vict.</i> Mount Gambier, <i>S. Australia</i> (fide Jones).

Genus *Triloculina* (*Miliola*), *d'Orbigny*, 1826. (Ann. Sc. Nat. vii. p. 299; Jones, Parker, and Brady, Mon. Foram. Crag. 1866, pt. 1, p. 7.)—*Imperforata-Miliolida*.

<i>T. oblonga</i> , <i>Montagu</i> .	M. Ter. (Miocene?).	<i>Vermiculum</i> , *Test. Brit. pt. 2, 1803, p. 522, t. 14, f. 9; <i>Triloculina</i> ?, Parker and Jones, *Annals Nat. Hist. 1857, xix. p. 300, t. 10, f. 37; <i>id.</i> Jones, Parker, and Brady, *Mon. Foram. Crag. pt. 1, 1866, p. 7, t. 3, f. 31 and 32; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, <i>S. Australia</i> .
--------------------------------------	---------------------	--	-------------------------------------

(Rhizopoda—Actinozoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>T. tricarinata</i> , d'Orb.	M. Ter. (Miocene?).	Ann. Sc. Nat. 1826, vii. p. 299; Parker and Jones, *Phil. Trans. 1865, clv. p. 409, t. 15, f. 40; Jones, Parker, and Brady, *Mon. Foram. Crag. pt. 1, 1866, p. 7, t. 3, f. 33 and 34; Etheridge, jun. Geol. Mag. 1876, Dec. 2, iii. p. 335.	Murray Flats, S. Australia.
<i>T. trigonula</i> , Lamk.	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?).	<i>Miliolites</i> , *Ann. Museum, 1804, v. p. 351; <i>Triloculina</i> , d'Orb. Ann. Sc. Nat. 1826, vii. p. 299; <i>id.</i> Parker and Jones, Annals Nat. Hist. 1860, v. pp. 287, 289, 470; <i>id. ibid. id.</i> 1863, xii. pp. 437, 441; <i>id.</i> Parker, Jones, and Brady, <i>ibid.</i> 1865, xvi. p. 33, t. 1, f. 7; <i>Miliola</i> , Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391.	Muddy Ck. Vict. Mount Gambier, S. Australia (fide Jones).

Order—Spongida.

Genus *Tethia*, Lamarck, 1816. (Hist. Nat. Anim. s. Vertèb. ii. p. 384; Tethea, Bowerbank, Mon. Brit. Spongiadæ, p. 181.)—*Silicea*.

<i>T. Newberyi</i> , M'Coy.	M. Ter. (Miocene?).	Couchman's Progress Rept. 1877, iv. p. 155; *Geol. Survey, Vict. Dec. v. 1877, p. 31, t. 48, f. 1.	Boggy Creek, Vict.
-----------------------------	---------------------	--	--------------------

Sub-kingdom—Coelenterata. Class—Actinozoa.

Zoantharia et Alcyonaria.

Genus *Amphihelia*, Edwards and Haime, 1857. (Hist. Nat. Coralliaires, ii. p. 118.)¹ *Aporosa-Oculinidæ*.

<i>A. incrustans</i> , Duncan.		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 304, t. 20, f. 6.	W. of Aire River, Cape Otway, Vict.
--------------------------------	--	---	-------------------------------------

Genus *Antillia*, Duncan, 1864. (Quart. Jour. Geol. Soc. xx. p. 28; Brüggemann, Annals Nat. Hist. 1877, xx. p. 307.)—*Aporosa-Astreidæ*.

<i>A. lens</i> , Duncan.	Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1865, xvi. p. 185, t. 8, f. 6; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 306, t. 20, f. 12.	Hamilton, Vict.
--------------------------	-----------------------------------	--	-----------------

Genus *Balanophyllia*, S. V. Wood, 1844. (Annals Nat. Hist. xiii. p. 11.) *Perforata-Madreporidæ*.

<i>B. armata</i> , Duncan.	Schnapper Pt. beds = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 302, t. 21, f. 3; M'Coy, Smyth's Progress Report, 1874, p. 35.	Hamilton; Schnapper Point, Hobson's Bay, Vict.
----------------------------	---	--	--

¹ Previously called *Amphelia*, by Messrs Edwards and Haime (see *Compt. Rend.* xxix. p. 69, 1849).

(Actinozoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>B. Australiensis</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1864, xiv. p. 164, t. 6, f. 1; Quart. Jour. Geol. Soc. 1865, xxi. p. 394; * <i>ibid.</i> 1870, xxvi. p. 303, t. 21, f. 6.	Muddy Creek, near Hamilton, <i>Vict.</i>
<i>B. campanulata</i> , <i>Duncan</i> .	Schnapper Pt. beds = Oligocene (L. Ter.).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 302, t. 21, f. 1; M'Coy, Smyth's Progress Report, 1874, p. 35.	W. of Ayre River, Cape Otway; Schnapper Point, Hobson's Bay, <i>Vict.</i>
<i>B. cylindrica</i> , <i>Michelti</i> .		<i>Turbinolia</i> , *Spec. Zooph. Del. 1838, p. 73; <i>id.</i> Michelin, *Icon. Zooph. p. 38, t. 8, f. 5; <i>Balanophyllia</i> , Edwards, Hist. Nat. Corall. 1860, iii. p. 101; Duncan, *Quart. Jour. Geol. Soc. 1870, xxvi. p. 304, t. 21, f. 7.	W. of Cape Otway, <i>Vict.</i>
<i>B. fragilis</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 303, t. 21, f. 5.	Muddy Creek, near Hamilton, <i>Vict.</i>
<i>B. Selwyni</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 303, t. 21, f. 4.	W. of Ayre River, Cape Otway, <i>Vict.</i>
<i>B. seminuda</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 302, t. 21, f. 2.	Hamilton, <i>Vict.</i>
<i>B. tubuliformis</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 304, t. 21, f. 9.	Muddy Creek, near Hamilton, <i>Vict.</i>
<i>B. Ulrichi</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 304, t. 21, f. 8.	W. of Cape Otway, <i>Vict.</i>

Genus *Caryophyllia*, Lamarck, 1801. (Système, p. 370; Histoire, 1816, ii. p. 224; Edwards, Hist. Nat. Corall. 1857, ii. p. 11).—*Aporosa-Turbinolidae*.

<i>C. viola</i> , Woods and <i>Duncan</i> .	Schnapper Pt. beds = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	<i>Turbinolia</i> , Woods, ms.; <i>Caryophyllia</i> , Woods and Duncan, *Annals Nat. Hist. 1864, xiv. p. 162, t. 5, f. 2; Duncan, Quart. Jour. Geol. Soc. 1865, xxi. p. 394; <i>id.</i> * <i>ibid.</i> 1870, xxvi. p. 295, t. 19, f. 1; <i>ibid.</i> M'Coy, Smyth's Progress Report, 1874, p. 35.	Violet Creek, near Hamilton; Schnapper Point, Hobson's Bay, <i>Vict.</i>
--	--	---	--

Genus *Conosmilia*, Duncan, 1865. (Annals Nat. Hist. xvi. p. 184).—*Aporosa-Astræidae*.

<i>C. anomala</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	* <i>l. c.</i> p. 184, t. 8, f. 4; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 305, t. 20, f. 10.	Hamilton, <i>Vict.</i>
<i>C. elegans</i> , <i>Duncan</i> .		* <i>l. c.</i> p. 184, t. 8, f. 3; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 305, t. 20, f. 5.	Geelong, <i>Vict.</i>
<i>C. lituola</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 305, t. 20, f. 11.	W. of Gellibrand River, <i>Vict.</i>

(Actinozoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. striata</i> , Duncan.		*Annals Nat. Hist. 1865, xvi. p. 184, t. 8, f. 3; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 305, t. 20, f. 9.	Geelong, <i>Vict.</i>
Genus <i>Conotrochus</i> , Sequenza, 1864. (Mem. R. Accad. Sci. Torino, 2nd ser. xxi. p. 477.) <i>Aporosa-Turbinolida</i> .			
<i>C. Maccoyi</i> , Duncan.	Table Cape Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 298, t. 19, f. 7; M'Coy, Smyth's Progress Report, 1874, p. 35; Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 17.	W. of Cape Otway, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>C. typus</i> , Sequenza.		*Mem. R. Accad. Sci. Torino, xxi. p. 477, t. 10, f. 1; var. <i>Australiensis</i> , Duncan, *Quart. Jour. Geol. Soc. 1870, xxvi. p. 298, t. 19, f. 8.	W. of Gellibrand River, <i>Vict.</i>
Genus <i>Cycloseris</i> , Edwards and Haime, 1849. (Comptes Rendus, xxix. p. 72.) <i>Aporosa-Fungida</i> .			
<i>C. tenuis</i> , Duncan.		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 301, t. 20, f. 8.	E. of Gellibrand River, <i>Vict.</i>
Genus <i>Deltocyathus</i> , Edwards and Haime, 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 325.) <i>Aporosa-Turbinolida</i> .			
<i>D. italicus</i> , Edwards and Haime.		*Ann. Sc. Nat. 3rd ser. ix. p. 326, t. 10, f. 11; var. <i>Australiensis</i> , Duncan, *Quart. Jour. Geol. Soc. 1870, xxvi. p. 297, t. 19, f. 4; M'Coy, Smyth's Progress Report, 1874, p. 35.	W. of Cape Otway, <i>Vict.</i>
Genus <i>Dendrophyllia</i> , Blainville, 1830. (Dict. Sc. Nat. lx. p. 319.) <i>Perforata-Eupsammida</i> .			
<i>D. Duncani</i> , Tenison-Woods.	Table Cape Series (L. or M. Ter.?).	Notes, Tertiary Foss. Tas. 1876, p. 43.	Table Cape, <i>N. Tas.</i>
<i>D. epithecata</i> , Duncan.	Table Cape Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1875, xxxi. p. 677, t. 38c, f. 1 and 2.	Table Cape, <i>N. Tas.</i>
Genus <i>Flabellum</i> , Lesson, 1831, (Illust. de Zool. pl. xiv.) = <i>Phylloides</i> , Philippi. <i>Aporosa-Turbinolida</i> .			
<i>F. Candeanum</i> (d'Orb. ms.), Edwards and Haime.	Murray River Series (L. or M. Ter.?), &c.	*Ann. Soc. Nat. 3rd ser. ix. p. 278, t. 8, f. 13; Duncan, Annals Nat. Hist. 1864, xiv. p. 163; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 300, t. 20, f. 1.	W. of Gellibrand River, <i>Vict.</i> Murray River, <i>S. Australia</i> .

(Actinozoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>F. distinctum</i> , <i>Edwards and Haime</i> .		*Ann. Sc. Nat. 3rd ser. ix. p. 262; Duncan, *Quart. Jour. Geol. Soc. 1870, xxvi. p. 299, t. 20, f. 2; M'Coy, Smyth's Progress Report, 1874, p. 35.	W. of Aire River, Cape Otway, Vict.
<i>F. Duncani</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Notes, Tertiary Foss. Tas. 1876, p. 43.	Table Cape, Tas.
<i>F. Gambierense</i> , <i>Duncan</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Annals Nat. Hist. 1864, xiv. p. 163, t. 5, f. 3; Quart. Jour. Geol. Soc. 1865, xxi. p. 394; * <i>ibid.</i> 1870, xxvi. p. 299, t. 19, figs. 9 and 10; M'Coy, Smyth's Progress Report, 1874, p. 35; ?Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 31.	Mount Gambier, S. Australia. W. of Aire River, Cape Otway, Vict. Table Cape, Tas.
<i>F. Victorix</i> , <i>Duncan</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1864, xiv. p. 162, t. 5, f. 2; Quart. Jour. Geol. Soc. 1865, xxi. p. 394; * <i>ibid.</i> 1870, xxvi. p. 299, t. 19, f. 11; M'Coy, Smyth's Progress Report, 1874, p. 35; ?Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 31.	Muddy Creek, near Hamilton; Schnapper Point, Hobson's Bay, Vict. Table Cape, Tas.

Genus *Heliastrea*, *Edwards*, 1857. (Hist. Nat. des Corall. ii. p. 456.)
Aporosa-Astracidae.

<i>H. Tasmaniensis</i> , <i>Duncan</i> .	Table Cape Series.	*Quart. Jour. Geol. Soc. 1876, xxxii. p. 342, t. 22, f. 1—3.	Table Cape, Tas.
--	--------------------	--	------------------

Genus *Isis*, *Linnaeus*, 1758. (Systema, ed. 10, p. 799; Lamarck, Système, 1801, p. 375; *id.* Histoire, 1816, ii. p. 300.)—*Alcyonaria-Gorgoniadae*.

<i>I. sp. ind.</i>		Duncan, *Quart. Jour. Geol. Soc. xxxi. p. 673, group 1, t. 38 a, figs. 5—7, group 2, t. 38 a, f. 4, group 3, t. 38 a, figs. 1—3.	Cape Otway, Vict.
--------------------	--	--	-------------------

Genus *Palæoseris*, *Duncan*, 1870. (Quart. Jour. Geol. Soc. xxvi. p. 301.)
Aporosa-Fungidae.

<i>P. Woodsi</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	<i>Trochoseris</i> , Duncan, *Annals Nat. Hist. 1864, xiv. p. 164, t. 6, f. 2; <i>ibid.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 394; <i>Palæoseris</i> , * <i>id.</i> 1870, xxvi. p. 301, t. 20, f. 7.	Muddy Creek, near Hamilton, Vict.
------------------------------------	-----------------------------------	--	-----------------------------------

Genus *Placotrochus*, *Edwards and Haime*, 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 282; Edwards, Hist. Nat. Corall. 1857, ii. p. 98.)—*Aporosa-Turbinolidae*.

<i>P. deltoideus</i> , <i>Duncan</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1864, xiv. p. 164, t. 5, f. 5; Quart. Jour. Geol. Soc. 1865, xxi. p. 394; * <i>ibid.</i> 1870, xxvi. p. 300, t. 20, f. 4; M'Coy, Smyth's Progress Report, 1874, p. 35; Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 17.	Muddy Creek, near Hamilton; Schnapper Point; W. of Gellibrand River, Vict. Table Cape, Tas.
--	--	---	--

(Actinozoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. elongatus</i> , <i>Duncan</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1864, xiv. p. 163, t. 5, f. 4; Quart. Jour. Geol. Soc. 1865, xxi. p. 394; * <i>ibid.</i> 1870, xxvi. p. 300, t. 20, f. 3; M'Coy, Smyth's Progress Report, 1874, p. 35; ? <i>P. elongatus</i> , Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 31.	Muddy Creek, near Hamilton; Schnapper Point; W. of Aire Riv. Cape Otway, <i>Vict.</i> Table Cape, <i>Tas.</i>
Genus <i>Sphænotrochus</i> , <i>Edwards</i> and <i>Haime</i> , 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 240; <i>Edwards</i> , Hist. Nat. Corall. 1857, ii. p. 65.)— <i>Aporosa-Turbinolidae</i> .			
<i>S. Australis</i> , <i>Woods</i> and <i>Duncan</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1865, xvi. p. 183, t. 8, f. 1; *Quart. Jour. Geol. Soc. 1870, xxvi. p. 297, t. 19, f. 5; M'Coy, Smyth's Progress Report, 1874, p. 35.	Hamilton; Schnapper Point, <i>Vict.</i>
<i>S. emaciatius</i> , <i>Duncan</i> .	Hamilton Series (L. or M. Ter.?).	*Annals Nat. Hist. 1865, xvi. p. 183, t. 8, f. 2.	Hamilton, <i>Vict.</i>
<i>S. excisus</i> , <i>Duncan</i> .	Hamilton Series, &c., L. or M. Ter.? Schnapper Pt. Series = Oligocene (L. Ter.).	*Quart. Jour. Geol. Soc. 1870, xxvi. p. 298, t. 19, f. 6; M'Coy, Smyth's Progress Report, 1874, p. 35; <i>Woods</i> , Proc. R. Soc. Tas. (for 1875) 1876, p. 17.	Hamilton; Schnapper Point, <i>Vict.</i> Table Cape, <i>Tas.</i>

Genus *Thamnastræa*, *Lesauvage*, 1823. (Mém. Soc. Hist. Nat. i. p. 243; Ann. Sci. Nat. 1832, xxvi. p. 329.)—*Aporosa-Astreidae*.

<i>T. sera</i> , <i>Duncan</i> .	Table Cape Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1876, xxxii. p. 343, pl. 22, f. 4—6.	Table Cape, <i>Tas.</i>
<i>T. Tasmaniensis</i> (<i>Duncan</i>), <i>Woods</i> .	Table Cape Series (L. or M. Ter.?).	Notes, Tert. Foss. Tas. 1876, p. 39.	Table Cape, <i>Tas.</i>

Genus *Trochocyathus*, *Edwards* and *Haime*, 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 300; *Edwards*, Hist. Nat. Corall. 1857, ii. p. 26.)—*Aporosa-Turbinolidae*.

<i>T. meridionalis</i> , <i>Duncan</i> .		<i>Petraia</i> , sp. <i>Wilkinson</i> , Geol. Report, C. Otway Dist. 1865, p. 24; <i>T. meridionalis</i> , <i>Duncan</i> , *Quart. Jour. Geol. Soc. 1870, xxvi. p. 296, t. 19, f. 2; M'Coy, Smyth's Progress Report, 1874, p. 35.	E. of Gellibrand River, <i>Vict.</i>
<i>T. Victorix</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1870, xxvi. p. 296, t. 19, f. 3; M'Coy, Smyth's Progress Report, 1874, p. 35.	E. of Gellibrand River, <i>Vict.</i>

(Echinodermata.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Sub-kingdom—Annuloida. Class—Echinodermata.</i>			
Genus Arachnoides , Klein, 1734 (Nat. Disp. Ech. p. 33; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 90, 1873, pt. 3, p. 528) = <i>Monostychia</i> , Laube, 1869.— <i>Clypeastridae-Scutellidae</i> .			
A. <i>Australis</i> , Laube.	Mt. Gambier Series; Hamilton Series (L. or M. Ter.?).	? <i>Scutella</i> , sp. Sturt, Two Expds. Int. S. Austr. 1832, II. p. 254, t. 3, f. 9; ? <i>ibid.</i> Tenison-Woods, Geol. Obs. S. Austr. 1862, p. 105; ? <i>Clypeaster</i> , sp. <i>id. ibid.</i> p. 77 cut; <i>Clypeaster folium</i> , Duncan (non Agassiz), Annals Nat. Hist. 1864, xiv. p. 166; <i>Monostychia Australis</i> , Laube, *Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 190, f. 3; <i>id. id. ibid.</i> Verhandl. (Jahrbuch) K. K. Geol. Reichsanstalt, 1869, XIX. p. 77; Etheridge, jun. *Quart. Jour. Geol. Soc. 1875, XXXI. pp. 448, 449; <i>Arachnoides</i> , Duncan, * <i>ibid.</i> 1877, XXXIII. p. 48.	Murray Riv. Cliffs and Mt. Gambier, S. Australia. Muddy Creek, near Hamilton, Vict.
A. <i>elongatus</i> , Duncan.	Mt. Gambier Series.	*Quart. Jour. Geol. Soc. 1877, XXXIII. p. 48, t. 3, f. 8.	Mount Gambier, S. Australia.
A. <i>Loveni</i> , Duncan.	M. Tertiary?	*Quart. Jour. Geol. Soc. 1877, XXXIII. pp. 47 and 65, t. 3, f. 6 and 7.	Mordialloc and Curdies Inlet, Vict.

Genus **Catopygus**, L. Agassiz, 1835. (Prodrome; Mém. Soc. Sci. Neuchatel, I. p. 185; Desor, Synopsis, 1857, p. 282.)—*Petalosticha-Nucleolidae*.

C. <i>elegans</i> , Laube.	Murray River Series (L. or M. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 190, f. 8; Etheridge, jun. Quart. Jour. 1875, XXXI. p. 449; Duncan, *Quart. Jour. Geol. Soc. 1877, XXXIII. pp. 51 and 67.	Murray Riv. Cliffs, S. Australia.
----------------------------	---------------------------------------	--	-----------------------------------

Genus **Cidaris**, Klein, 1734. (Nat. Disp. Ech. p. 14; Lamarck, Système, 1801, p. 348; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 98 and 252, 1873, pt. 3, p. 384.)
Desmosticha-Cidaridae.

C. <i>sp. ind.</i>	Mt. Gambier Series.	Tenison-Woods, Geol. Obs. S. Austr. 1862, pp. 76 and 81.	Murray Riv. Cliffs, S. Australia.
--------------------	---------------------	--	-----------------------------------

Genus **Clypeaster**, Lamarck, 1801. (Système, p. 349; Histoire, 1816, III. p. 12; Desor, Synopsis, 1857, p. 239; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 99, 306.)—*Clypeastridae-Echinanthidae*.

C. <i>folium</i> , Duncan (non Agassiz).		Vide <i>Arachnoides Australis</i> , Laube.	
--	--	--	--

(Echinodermata.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Echinanthus , <i>Breynius</i> , 1732. (De Echinis !; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 106 and 310.)— <i>Clypeastridae-Echinanthidae</i> .			
<i>E. testudinarius</i> , <i>Gray</i> .		*Proc. Zool. Soc. 1851, p. 35; A. Agassiz, * <i>loc. cit.</i> 1872, pts. 1 and 2, p. 106, 1873, pt. 3, p. 514; Duncan, *Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 46 and 65.	Lindenow, Mitchell River, <i>E. Vict.</i>
Genus Echinarachnius , <i>Leske</i> , 1778. (Addit. Klein's Nat. Disp. Echinod. p. 217; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 107 and 315.) <i>Clypeastridae-Scutellidae</i> .			
<i>E. parma</i> , <i>Lamarck</i> .		<i>Scutella</i> , Histoire, 1816, iii. p. 11; <i>Echinarachnius</i> , Gray, Annals Phil. 1825, x. p. 428; <i>id.</i> A. Agassiz, * <i>loc. cit.</i> pts. 1 and 2, pp. 107 and 316, t. 11 d, f. 4 and 5, t. 11 e, f. 4 and 5, t. 12, f. 1—13; <i>id.</i> Duncan, Quart. Jour. Geol. Soc. 1877, xxxiii. p. 65.	<i>Vict. or S. Australia?</i>
Genus Echinobrissus , <i>Breynius</i> , 1732. (De Echinis !; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 108, 1873, pt. 3, p. 555.)— <i>Petalosticha-Nucleolidae</i> .			
<i>E. Australis</i> , <i>Duncan</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 50 and 66, t. 3, f. 11.	Cape Otway, <i>Vict.</i> (Upper Coralline beds).
Genus Echinolampas , <i>Gray</i> , 1825. (Annals Phil. x. p. 429; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 114 and 335, 1873, pt. 3, p. 551.) <i>Petalosticha-Nucleolidae</i> .			
<i>E. Australis</i> , <i>Ten.-Woods</i> .	Mt. Gambier Series (L. or M. Ter.?).	Proc. Phil. Soc. Adelaide for 1865! (= <i>E. ovulum</i> , Laube).	Mt. Gambier, <i>S. Australia</i> .
<i>E. Corioensis</i> , <i>M'Coy</i> .		Smyth's Progress Report, 1874, p. 36; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, xxxi. p. 449.	Corio Bay, <i>Vict.</i>
<i>E. ovulum</i> , <i>Laube</i> .	Murray River Series (L. or M. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 191; Duncan, Quart. Jour. Geol. Soc. 1877, xxxiii. p. 66; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, xxxi. p. 449.	Murray R. Cliffs, <i>S. Australia</i> .
Genus Echinus , <i>Rondeletius</i> , 1554. (De Piscibus Marinis, p. 577; Linnæus, Syst. Nat. ed. 10, 1758, i. p. 662; Lamarck, Système, 1801, p. 38; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 121 and 293, 1873, pt. 3, p. 489.) <i>Desmosticha-Echinidae</i> .			
<i>E. sp. ind.</i>	Murray River Series; Mt. Gambier Series (L. or M. Ter.?).	Sturt, Two Expeditions Int. S. Austr. 1832, ii. p. 254, t. 3, f. 11; Tenison-Woods, Geol. Obs. S. Austr. 1862, pp. 77 and 105.	Murray R. Cliffs, and Mount Gambier, <i>S. Austr.</i>

(Echinodermata.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Eupatagus , <i>L. Agassiz</i> , 1847. (Ann. Sc. Nat. 3rd series, VIII. p. 9; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 128, 1873, pt. 3, p. 572.) <i>Petalosticha-Spatangidae</i> .			
<i>E. Forbesii</i> , <i>M^c Coy.</i>		Smyth's Progress Report, 1874, p. 36; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, xxxi. p. 449.	Victoria.
<i>E. Laubei</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1877, xxxiii. p. 55, t. 3, f. 18.	Sherbrook R. <i>Vict.</i>
<i>E. Murrayensis</i> , <i>Laube</i> .	Murray River Series (L. or M. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 196, f. 6; Verhändl. (Jahrbuch) K. K. Geol. Reichsanstalt, 1869, XIX. p. 77; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, xxi. p. 449.	Murray R. Cliffs, <i>S. Australia</i> .
<i>E. rotundus</i> , <i>Duncan</i> .	Murray River Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 53 and 67, t. 3, f. 14—17.	Murray River, <i>S. Australia</i> .
<i>E. Wrightii</i> , <i>Laube</i> .	Murray River Series (L. or M. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 195, f. 5; Verhändl. (Jahrbuch) K. K. Geol. Reichsanstalt, 1869, XIX. p. 77; ? <i>Echinolampus</i> , Tenison-Woods, Geol. Obs. S. Austr. 1862, p. 77.	Murray R. Cliffs, and ?Mt. Gambier, <i>S. Austr.</i>
Genus Hemiaster (<i>Desor</i> , 1847), <i>Agassiz</i> , 1847. (Ann. Sci. Nat. 3rd ser. VIII. p. 16; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 132, 1873, pt. 3, p. 585.) <i>Petalosticha-Spatangidae</i> .			
<i>H. Archeri</i> ¹ , <i>Tenison-Woods</i> .	Mt. Gambier Series (L. or M. Ter.?).	Proc. Phil. Soc. Adelaide, for 1865!	Mt. Gambier, <i>S. Australia</i> ,
Genus Hemipatagus , <i>Desor</i> , 1858 (Synop. Echin. Foss. p. 416) = <i>Maretia</i> (pars), A. Agassiz, non Gray. Vide <i>Lovenia</i> .			
<i>H. Forbesii</i> , <i>Woods</i> and <i>Duncan</i> .		Vide <i>Lovenia Forbesii</i> .	
<i>H. Forbesi</i> , <i>Laube</i> .		Vide <i>Lovenia Forbesii</i> , var. <i>Woodsii</i> .	
<i>H. Woodsii</i> , <i>Etheridge</i> , jun.		Vide <i>Lovenia Forbesii</i> , var. <i>Woodsii</i> .	
Genus Holaster , <i>L. Agassiz</i> , 1835. (Prodrome, Mém. Soc. Sci. Neuchatel, I. p. 183; <i>Desor</i> , Synopsis, p. 336.)— <i>Petalosticha-Spatangidae</i> .			
<i>H. Australiæ</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 51 and 67, t. 3, f. 12 and 13.	Castle Cove, Cape Otway, <i>Vict.</i>
Genus Leiocidaris , <i>Desor</i> , 1854. (Synop. Echin. Foss. p. 48; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 65.)— <i>Desmosticha-Cidaridae</i> .			
<i>L. Australiæ</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 45 and 64, t. 3, f. 1 and 2.	Cape Otway, <i>Vict.</i>

¹ This is probably identical with one or other of the species here catalogued under a different name.

(Echinodermata.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Lovenia (<i>Desor</i> , 1847), <i>L. Agassiz</i> , 1847. (Ann. Sc. Nat. viii. p. 10; <i>A. Agassiz</i> , Revision Echini, 1872, pts. 1 and 2, p. 139, 1873, pt. 3, p. 574.) <i>Petalosticha-Spatangidae</i> .			
<i>L. Forbesii</i> , <i>Woods and Duncan</i> .	Hamilton Series; Mt. Gambier Series (L. or M. Ter.?). Murray River Series (L. or M. Ter.?). Mordialloc beds (Up. Ter.?).	<i>Spatangus Hoffmanni</i> , Sturt (non Goldf.). Two Expeds. Int. S. Austr. 1832, ii. p. 254, t. 3, f. 10; <i>S. Forbesii</i> , Tenison-Woods, Quart. Jour. Geol. Soc. 1860, xvi. p. 256; <i>id. ibid.</i> Trans. R. Soc. Vict. iii. p. 91; <i>id. ibid.</i> Geol. Obs. S. Austr. 1862, pp. 75 and 83; <i>Hemipatagus Forbesii</i> , Woods and Duncan, Annals Nat. Hist. 1864, xiv. p. 165, t. 6, f. 3; <i>Spatangus</i> , Wilkinson, Geol. Report, Cape Otway District, 1865, p. 23; <i>H. Forbesi</i> , Laube, *Sitz. K. Akad. Wissensch. Wien, 1869, lxx. p. 193, f. 4; <i>id.</i> Duncan, Quart. Jour. Geol. Soc. 1870, xxvi. p. 285; <i>id.</i> Tenison-Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 15; <i>Lovenia</i> , Duncan, *Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 58, 59 and 68, t. 4, f. 5—8.	Murray R. Cliffs, and Mount Gambier, <i>S. Austr.</i> Portland; Spring Creek, near Geelong, Hamilton, and Mordialloc, <i>Vict.</i>
<i>L. Forbesi</i> , var. <i>minor</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1877, xxxiii. p. 59.	Mordialloc, <i>Vict.</i>
<i>L. Forbesii</i> , var. <i>Woodsii</i> , <i>Etheridge, jun.</i>	Murray River Series; Mt. Gambier Series; Hamilton and Table Cape Series (L. or M. Ter.?).	<i>Hemipatagus Forbesii</i> , Quart. Jour. Geol. Soc. 1875, xxxi. t. 21, f. 8; <i>H. Woodsii</i> , Etheridge, jun. *loc. cit. p. 445, t. 21, f. 1—7; <i>Lovenia Forbesi</i> , var. Duncan, *Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 58 and 59; <i>H. Woodsii</i> , Johnston, Notes Tertiary Beds, Table Cape, Tas. 1876, pp. 31 and 64.	Murray Cliffs, and Mount Gambier, <i>S. Australia</i> . Hamilton and Mordialloc, <i>Vict.</i> Table Cape, <i>Tas.</i>

Genus **Maretia**, *Gray*, 1855. (Brit. Mus. Cat. Recent Ech. p. 48; *A. Agassiz*, Revision Echini, 1872, pts. 1 and 2, p. 139, 1873, pt. 3, p. 568 pars.)
Petalosticha-Spatangidae.

<i>M. anomala</i> , <i>Duncan</i> .	*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 52 and 67, t. 4, f. 1—4.	Sherbrook R. <i>Vict.</i>
-------------------------------------	---	---------------------------

Genus **Megalaster**, *Duncan*, 1877. (Quart. Jour. Geol. Soc. xxxiii. p. 61.)
Petalosticha-Spatangidae.

<i>M. compressus</i> , <i>Duncan</i> .	Murray River Series (M. Ter.?).	*loc. cit. pp. 62 and 68, f. 1.	Murray River, <i>S. Australia</i> .
--	---------------------------------	---------------------------------	-------------------------------------

(Echinodermata.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Micraster</i> , <i>L. Agassiz</i> , 1835. (Prodrome, Mém. Soc. Sci. Neuchâtel, i. p. 184; <i>Schizaster</i> , pars, A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 157.) <i>Petalosticha-Spatangidae</i> .			
<i>M. brevistella</i> , <i>Laube</i> .	Murray River Series; Table Cape Series (L. or M. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 192, f. 7; Etheridge, jun. *Quart. Jour. Geol. Soc. 1875, XXXI. pp. 447, 448, f. 11 and 12; Duncan, <i>ibid</i> . 1877, XXXIII. p. 68; Johnston, *Notes Tertiary Beds, Table Cape, Tas. p. 64.	Murray R. Cliffs, <i>S. Australia</i> . Table Cape, <i>Tas</i> .
<i>M. Etheridgei</i> , <i>Johnston</i> .	Table Cape Series (M. or L. Ter.?).	*Notes Tertiary Beds, Table Cape, Tas. p. 64.	Table Cape, <i>Tas</i> .
Genus <i>Monostychia</i> , <i>Laube</i> , 1869. (Sitz. K. Akad. Wissensch. Wien, LIX. p. 188.) Vide <i>Arachnoides</i> .			
<i>M. Australis</i> , <i>Laube</i> .		Vide <i>Arachnoides Australis</i> .	
Genus <i>Paradoxechinus</i> , <i>Laube</i> , 1869. (Sitz. K. Akad. Wissensch. LIX. p. 186.) <i>Desmosticha-Echinidae</i> .			
<i>P. novus</i> , <i>Laube</i> .	Murray River Series (M. or L. Ter.?).	*loc. cit. p. 188, f. 2; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, XXXI. p. 449; <i>Temnechinus</i> ? Duncan, Quart. Jour. Geol. Soc. 1877, XXXIII. p. 65.	Murray R. Cliffs, <i>S. Australia</i> .
?Genus <i>Psammechinus</i> , <i>L. Agassiz</i> , 1846. (Ann. Sci. Nat. 3rd series, vi. p. 368; A. Agassiz, Revision Echini, pt. 3, 1873, p. 490.)— <i>Desmosticha-Echinidae</i> .			
<i>P. Woodsi</i> , <i>Laube</i> .	Murray River Series (M. or L. Ter.?).	*Sitz. K. Akad. Wissensch. Wien, 1869, LIX. p. 185, f. 1; Etheridge, jun. *Quart. Jour. Geol. Soc. 1875, XXXI. pp. 447, 449, t. 21, f. 10; Duncan, Quart. Jour. Geol. Soc. 1877, XXXIII. p. 64.	Murray R. Cliffs, <i>S. Australia</i> .
Genus <i>Pygorhynchus</i> , <i>L. Agassiz</i> , 1839. (Descrip. Echinod. Foss. Suiss. pt. 1, p. 53; Desor, Synopsis, 1857, p. 297.)— <i>Petalosticha-Nucleolidae</i> .			
<i>P. Vassali</i> , <i>Wright</i> .		*Quart. Jour. Geol. Soc. 1864, xx. p. 479, t. 22, f. 6 a-c; Duncan, Quart. Jour. Geol. Soc. 1877, XXXIII. pp. 51 and 67.	E. of Glenelg R. <i>Vict</i> .
Genus <i>Rhynchopygus</i> , <i>d'Orbigny</i> , 1855. (Pal. Franç. Terr. Crét. vi. p. 323; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 67, 153, 342, pt. 3, 1873, p. 553.) <i>Petalosticha-Nucleolidae</i> .			
<i>R. dysasteroides</i> , <i>Duncan</i> .		*Quart. Jour. Geol. Soc. 1877, XXXIII. pp. 49 and 66, t. 3, f. 9 and 10.	Cape Otway, <i>Vict</i> .

(Echinodermata—Annelida.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Salenia</i> , Gray, 1835 (Proc. Zool. Soc. 1835, p. 58; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 155 and 258, pt. 3, 1873, p. 398)= <i>Salenocidaris</i> , A. Agassiz. <i>Desmosticha-Salenidæ</i> .			
<i>S. tertiaria</i> , Tate.	L. Tertiary.	*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 257, 258, f. 2 a—c; Duncan, Annals Nat. Hist. 1877, xx. p. 246.	Aldinga, S. Austr.
Genus <i>Schizaster</i> , L. Agassiz, 1835. (Prodrome, Mém. Sci. Nat. Neuchatel, i. p. 185; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, pp. 157, 363, pt. 3, 1873, p. 609.) <i>Petalosticha-Spatangidæ</i> .			
<i>S. ventricosus</i> , Gray.		*Brit. Mus. Cat. Recent. Ech. 1855, p. 60, t. 4, f. 2; Annals Nat. Hist. 1851, vii. p. 133; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 158; <i>Schizaster</i> , sp. Duncan, Annals Nat. Hist. 1864, xiv. p. 168; <i>S. ventricosus</i> , id. Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 61 and 68.	'Adelaide District,' S. Australia.
Genus <i>Scutella</i> , Lamarck, 1816. (Histoire Nat. Anim. s. Vertèb. iii. p. 7; Desor, Synopsis, 1857, p. 231.)— <i>Clypeastridæ-Scutellidæ</i> .			
<i>S. Tamboensis</i> , M'Coy.		Smyth's Progress Report, 1874, p. 36; Etheridge, jun. Quart. Jour. Geol. Soc. 1875, xxxi. p. 450.	Victoria.
Genus <i>Spatangus</i> , Klein, 1734. (Nat. Disp. Ech. p. 33; A. Agassiz, Revision, 1872, pts. 1 and 2, p. 158, 1873, pt. 3, p. 564.)— <i>Petalosticha-Spatangidæ</i> .			
<i>S. Forbesii</i> , Tenison-Woods.		Vide <i>Lovenia Forbesii</i> , Woods and Duncan.	
<i>S. Hoffmanni</i> , Sturt (non Goldf.).		Vide <i>Lovenia Forbesii</i> , Woods and Duncan.	
Genus <i>Temnechinus</i> , Forbes, 1852 (Mon. Brit. Tert. Ech. p. 5; A. Agassiz, Revision Echini, 1872, pts. 1 and 2, p. 165, 1873, pt. 3, p. 466)= <i>Genocidaris</i> , A. Agassiz. <i>Desmosticha-Echinidæ</i> .			
<i>T. lineatus</i> , Duncan.	Up. Ter.?	*Quart. Jour. Geol. Soc. 1877, xxxiii. pp. 46 and 65, t. 3, f. 3—5.	Mordialloc, Vict.

Sub-kingdom—Annulosa. Class—Annelida.

Genus *Ditrupa*, Berkeley, 1834. (Zool. Jour. v. p. 426.)—*Tubicola*.

<i>D. Wormbетиensis</i> , M'Coy.	Oldest G. D. (=L. Pliocene?).	Smyth's Progress Report, 1875, ii. p. 22, f. 4; Couchman's <i>ibid.</i> 1877, iv. p. 155.	Welcome Rush, nr. Stawell, Vict.
----------------------------------	-------------------------------	---	----------------------------------

(Crustacea—Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	------------------------	-------------	-----------------

Class—Crustacea. *Sub-class*—Entomostraca. *Order*—Ostracoda.

Genus **Bairdia**, M'Coy, 1844 (see p. 41).—*Podocopa-Cypridæ*.

B. ovata, Bosquet.	M. Ter. (Miocene?).	<i>Cytheridea</i> , Bosquet, Mon. Crust. Foss. Terr. Crét. Limbourg, 1854, p. 73, t. 5, f. 6 a—d; <i>Bairdia</i> , G. S. Brady, Trans. Zool. Soc. 1865, v. p. 364, t. 57, f. 7 a—c; <i>id.</i> Etheridge, jun. Geol. Mag. 1876, Dec. 2, III. p. 335.	Murray R. Flats, S. Australia.
--------------------	---------------------	--	--------------------------------

Genus **Cythere**, O. F. Müller, 1875 (see p. 42).—*Podocopa-Cytheridæ*.

C. Normani, G. S. Brady.	M. Ter. (Miocene?).	*Trans. Zool. Soc. 1865, v. p. 379, t. 61, f. 5 a—d; Etheridge, jun. Geol. Mag. Dec. 2, III. 1876, p. 335.	Murray R. Flats, S. Australia.
--------------------------	---------------------	--	--------------------------------

Genus **Macrocypris**, G. S. Brady, 1868. (Intellectual Observer, XII. p. 119; Trans. Linn. Soc. XXVI. p. 391).—*Podocopa-Cypridæ*.

M. acuminata, Alth.	M. Ter. (Miocene?).	<i>Cytherina</i> , Haidinger's Naturwiss. Abhandl. 1849, III. p. 198, t. 10, f. 16; <i>id.</i> Reuss, <i>ibid.</i> IV. p. 49, t. 5, f. 7 and 8; <i>Macrocypris</i> , (Brady), Etheridge, jun. Geol. Mag. Dec. 2, 1876, III. p. 335.	Murray R. Flats, S. Australia.
---------------------	---------------------	---	--------------------------------

Genus **Paracypris**, G. O. Sars, 1865. (Forhandl. Vid.-Sels. Christiania, aar 1865, p. 11; Brady, Trans. Linn. Soc. XXVI. p. 377).—*Podocopa-Cypridæ*.

P. decora, G. S. Brady.	M. Ter. (Miocene?).	<i>Cytheredeis</i> , Trans. Zool. Soc. 1865, v. pt. 5, p. 366; <i>Paracypris</i> , Etheridge, jun. (fide Brady), Geol. Mag. Dec. 2, 1876, III. p. 335.	Murray R. Flats, S. Australia.
-------------------------	---------------------	--	--------------------------------

Sub-kingdom—Mollusca. *Section*—Molluscoida. *Class*—Polyzoa.

Order—Gymnolæmata.

Genus **Caberea**, Lamouroux, 1816 (Hist. Polyp. Coral. Flex. p. 128)=*Selbia*, Gray. *Cheilostomata-Inarticulata*.

C. lata, Busk.	Mt. Gambier Series (L. or M. Ter.?).	*Brit. Mus. Cat. Polyzoa, 1852, pt. 1, p. 39, t. 47; Woods, Quart. Jour. Geol. Soc. 1865, XXI. p. 394; <i>id.</i> *Trans. R. Soc. Vict. VI. p. 5, t. 1, f. 11; R. Etheridge, jun. Synopsis, Austr. Tert. Polyzoa, 1877, p. 7.	Mount Gambier, S. Australia.
----------------	--------------------------------------	---	------------------------------

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Canda</i> , Lamourour, 1816. (Hist. Polyp. Coral. Flex. p. 131.) <i>Cheilostomata-Articulata</i> .			
<i>C. angulata</i> , Busk.	Mt. Gambier Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 260; Woods, *Trans. R. Soc. Vict. vi. p. 4, t. 1, f. 2; Etheridge, jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 5.	Mount Gambier, S. Australia.
Genus <i>Cellepora</i> , O. Fabricius, 1780 (Fauna Gröen. p. 434) = <i>Celleporaria</i> , Lamouroux. <i>Cheilostomata-Inarticulata</i> .			
<i>C. costata</i> , Busk (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Etheridge, jun. loc. cit. p. 7.	Mount Gambier, S. Australia.
<i>C. echinata</i> , Sturt.	Mt. Gambier Series; Murray R. Series (L. or M. Ter.?).	*Two Expds. Int. S. Austr. 1832, ii. p. 252, t. 3, f. 4 (non <i>C. echinata</i> , Munster, *Goldfuss, Petrefacta, i. p. 102, t. 36, f. 14); Etheridge, jun. loc. cit. p. 7.	Mount Gambier; Murray Cliffs, S. Australia.
<i>C. escharoides</i> , Sturt (non Goldf.).		Vide <i>C. hemisphaerica</i> , Busk.	
<i>C. Gambierensis</i> , Busk.	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	<i>Eschara celleporacea</i> , Sturt, *Two Expds. Int. S. Austr. 1832, ii. p. 253, t. 3, f. 1; <i>C. Gambierensis</i> , Busk, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>ibid.</i> Woods, Geol. Obs. S. Austr. 1862, pp. 74, 85, 91, <i>cuts</i> ; <i>ibid.</i> id. *Trans. R. Soc. Vict. vi. p. 4; <i>ibid.</i> Wilkinson, Geol. Rept. Cape Otway Dist. 1865, p. 23; <i>ibid.</i> M'Coy, Smyth's Progress Rept. 1874, p. 36; <i>Celleporaria</i> , Stoliczka, Pal. Neu-Seeland, 1865, p. 141, t. 20, f. 7; <i>Cellepora</i> , Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 14; Etheridge, jun. loc. cit. p. 7.	Mount Gambier; Murray Cliffs, S. Australia. Spring Creek, Vict. Table Cape, Tas.
<i>C. hemisphaerica</i> , Busk.	Mt. Gambier Series (L. or M. Ter.?).	*Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 3; <i>id.</i> *Trans. R. Soc. Vict. vi. p. 4, t. 1, f. 4; Etheridge, jun. loc. cit. p. 8; ? <i>C. escharoides</i> , Sturt, (non Goldf.), *Two Expds. Int. S. Austr. 1832, ii. t. 3, f. 5.	Mount Gambier, S. Australia.
<i>C. nummularia</i> , Busk.	Mt. Gambier Series; Hamilton Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 1; <i>id.</i> *Trans. R. Soc. Vict. vi. p. 4, t. 1, f. 5?; <i>id.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 394; Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 31; Etheridge, jun. loc. cit. p. 8.	Mount Gambier, S. Australia. Muddy Ck. ?Vict. Table Cape, Tas.

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. spongiosa</i> , <i>Busk</i> .	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 2; <i>id.</i> *Trans. R. Soc. Vict. vi. p. 5, t. 1, f. 7; Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 31; Etheridge, jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 8.	Mount Gambier, S. Australia. Table Cape, Tas.
<i>C. tubulosa</i> , <i>Busk</i> .	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, *Trans. R. Soc. Vict. 1865, vi. p. 5, t. 1, f. 6; Etheridge, jun. <i>loc. cit.</i> p. 8.	Mount Gambier, S. Australia.

Genus *Cœleschera*, *Busk*, 1860. (Quart. Jour. Geol. Soc. xvi. p. 261.)
Cheilostomata-Inarticulata.

<i>C. Australis</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	<i>l. c.</i> p. 261; Etheridge, jun. <i>loc. cit.</i> p. 8.	Mount Gambier, S. Australia.
--	---------------------	---	------------------------------

Genus *Crisia*, *Lamouroux*, 1812. (Bull. des Sc. Soc. Philomatique, iii. p. 183.)
Cyclostomata-Articulata.

<i>C. eburnea</i> , <i>Linnaeus</i> .	Mt. Gambier Series (L. or M. Ter.?).	Johnston's *Brit. Zoophytes, 1847, i. p. 283, t. 50, f. 3 and 4; Woods, Trans. R. Soc. Vict. vi. p. 5, t. 1, f. 12; <i>id.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 394; Busk, Brit. Mus. Cat. Polyzoa, 1875, pt. 3, p. 4, t. 2, f. 1 and 2, t. 5, f. 1 and 2, 5 and 10; Etheridge, jun. <i>loc. cit.</i> p. 12.	Mount Gambier, S. Australia.
---------------------------------------	--------------------------------------	---	------------------------------

Genus *Eschara*, *Ray* (pars), 1724! (Lamarek, Système, 1801, p. 375; *id.* Histoire, 1816, ii. p. 173; Busk, Mon. Foss. Polyzoa, Crag. 1859, p. 63.)
Cheilostomata-Inarticulata.

<i>E. arcuata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
<i>E. bimarginata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
<i>E. Buskii</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 149, figs. 16 and 17.	Mount Gambier, S. Australia.
<i>E. cavernosa</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 147, f. 1.	Mount Gambier, S. Australia.
<i>E. celleporacea</i> , <i>Sturt</i> .		Vide <i>Cellepora Gambierensis</i> , <i>Busk</i> .	
<i>E. Clarkei</i> , <i>Tenison-Woods</i> .	Hamilton Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 148, figs. 4—7.	Muddy Ck. Vict.
<i>E. elevata</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 148, f. 10.	Mount Gambier, S. Australia.
<i>E. hastigera</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>E. inornata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
<i>E. Liversidgei</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 149; f. 11—13.	Mount Gambier, S. Australia.
<i>E. oculata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series (L.or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, *Jour. R. Soc. N. S. Wales, 1877, x. p. 149, f. 14.	Mount Gambier, S. Australia.
<i>E. papillata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
<i>E. piriformis</i> , <i>Sturt</i> .	Murray River Series (L.or M. Ter.?).	Two Expeds. Int. S. Austr. 1832, ii. p. 253, t. 3, f. 2 (?non Goldfuss, Petrefacta, i. p. 24, t. 8, f. 10).	Murray R. Cliffs, S. Australia.
<i>E. porrecta</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 147, f. 2 and 3.	Mount Gambier, S. Australia.
<i>E. rustica</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 148, f. 9.	Mount Gambier, S. Australia.
<i>E. simplex</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
<i>E. Tatei</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 149, f. 15.	
<i>E. verrucosa</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 148, f. 8.	Mount Gambier, S. Australia.
<i>E. sp. ind.</i>	Murray River Series.	Sturt, Two Expeds. Int. S. Austr. 1832, ii. 253, t. 3, f. 3.	Murray R. Cliffs, S. Australia.
<i>E. sp. ind.</i>	Mt. Gambier Series.	Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 7.	Mount Gambier, S. Australia.

Genus *Hornera*, *Lamouroux*, 1821 (Expos. Méthod. p. 41) = *Siphodictyum*, *Lonsdale*.
Cyclostomata-Inarticulata.

<i>H. gambierensis</i> , <i>Busk</i> .	Mt. Gambier Series (L.or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, *Trans. R. Soc. Vict. vi. p. 5, t. 1, f. 10?; ? <i>Retepora disticha</i> , <i>Sturt</i> , Two Expeds. Int. S. Austr. 1832, ii. p. 254, t. 3, f. 6; <i>Etheridge</i> , jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 13.	Mount Gambier, S. Australia.
<i>H. rugulosa</i> , <i>Busk</i> .	Mt. Gambier Series (L.or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Trans. R. Soc. Vict. vi. p. 5, t. 1, f. 9?; <i>Etheridge</i> , jun. loc. cit. p. 13.	Mount Gambier, S. Australia.

Genus *Idmonea*, *Lamouroux*, 1821. (Expos. Méthod. p. 80, Supp.)
Cyclostomata-Inarticulata.

<i>I. ligulata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series (L.or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; <i>Stoliczka</i> , Pal. Neu-Seeland, 1865, p. 114; <i>Etheridge</i> , jun. loc. cit. p. 13.	Mount Gambier, S. Australia.
---	-------------------------------------	--	------------------------------

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
I. Milneana, <i>d'Orb.</i>	Mt. Gambier Series (L. or M. Ter.?).	*Voy. l'Amér. Mérid. v. pt. 4, p. 20, Atlas, ix. <i>Polypiers</i> , f. 17—21; Busk, Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, <i>id.</i> 1865, xxi. p. 394; Stoliczka, Pal. Neu-Seeland, 1865, p. 114; Busk, *Brit. Mus. Cat. Polyzoa, 1875, pt. 3, p. 12, t. 11; Etheridge, jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 13.	Mount Gambier, S. Australia.

Genus *Lepralia*, Johnston (see p. 105).—*Cheilostomata-Inarticulata*.

L. doliiformis, <i>Busk</i> (ms.).	Mt. Gambier Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Etheridge, jun. <i>loc. cit.</i> p. 10.	Mount Gambier, S. Australia.
L. Stawellensis, <i>M'Coy</i> .	U. Ter. (Old-est G. Drifts = L. Pliocene?).	*Smyth's Progress Rept. 1875, II. p. 22, f. 1; <i>id. ibid.</i> 1876, III. p. 49; Couchman's Progress Rept. 1877, IV. p. 155; Etheridge, jun. <i>loc. cit.</i> p. 10.	Welcome Rush, nr. Stawell, Vict.
L. subcarinata, <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.
L. submarginata, <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 261.	Mount Gambier, S. Australia.

Genus *Lunulites*, Lamarek, 1816. (Hist. Nat. Anim. s. Vertéb. II. p. 194; Busk, Mon. Foss. Polyzoa, Crag. 1859, pp. 84 and 88).—*Cheilostomata-Inarticulata*.

L. <i>sp. ind.</i>	Hamilton Series.	Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 394.	Hamilton, Vict.
--------------------	------------------	---	-----------------

Genus *Melicerita*, M. Edwards, 1836 (Ann. Sc. Nat. VI. p. 347) = *Ulidium*, S. V. Wood. *Cheilostomata-Inarticulata*.

M. angustiloba, <i>Busk</i> .	Mt. Gambier Series; Hamilton Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 4; <i>id.</i> *Trans. R. Soc. Vict. VI. p. 5, t. 1, f. 8; <i>id.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 394; Stoliczka, *Pal. Neu-Seeland, p. 155, t. 20, figs. 15—18; Etheridge, jun. <i>loc. cit.</i> p. 10.	Mount Gambier, S. Australia. Muddy Creek, Vict.
-------------------------------	---	---	--

Genus *Membranipora*, de Blainville, 1830. (Dict. Sc. Nat. LX. p. 411; Busk, Mon. Foss. Polyzoa, Crag. 27 and 28).—*Cheilostomata-Inarticulata*.

M. appressa, <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 11; Etheridge, jun. <i>loc. cit.</i>	Mount Gambier, S. Australia.
M. bidens, <i>Hagenow</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Bryozoa Maäs. Kreideb. p. 9, t. 11, f. 16; Busk, *Mon. Foss. Polyzoa, Crag. 1852, pt. 1, p. 34, t. 2, f. 4; <i>id.</i> Quart. Jour. Geol.	Mount Gambier, S. Australia.

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>M. Cyclops</i> , <i>Busk</i> .	Mt. Gambier Series (L. or M. Ter.?).	Soc. 1860, xvi. p. 260; Woods, <i>ibid.</i> 1865, xxi. p. 394; Etheridge, jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 11. *Brit. Mus. Cat. Polyzoa, 1854, pt. 2, p. 61, t. 65, f. 3; Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Woods, <i>ibid.</i> 1865, xxi. p. 391; Etheridge, jun. <i>loc. cit.</i> p. 11.	Mount Gambier, S. Australia. Muddy Creek, Vict.
<i>M. stenostoma</i> , <i>Busk</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Brit. Mus. Cat. Polyzoa, 1854, pt. 2, p. 60, t. 100, f. 1; Quart. Jour. Geol. Soc. 1860, xvi. p. 260; Woods, <i>ibid.</i> 1865, xxi. p. 394; Etheridge, jun. <i>loc. cit.</i> p. 11.	Mount Gambier, S. Australia.

Genus *Onchopora*, *Busk*, 1855. (Quart. Jour. Micro. Sc. iii. p. 320.)
Cheilostomata-Articulata.

<i>O. pustulosa</i> , <i>Busk</i> .	Mt. Gambier Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 260; ? <i>Cellaria</i> , <i>Stoliczka</i> , Pal. Neu-Seeland, 1865, p. 149; Etheridge, jun. <i>loc. cit.</i> p. 5.	Mount Gambier, S. Australia.
<i>O. vertebralis</i> , <i>Stoliczka</i> .	Schnapper Pt. Series = Oligocene (L. Ter.).	<i>Spiroporina</i> , *Pal. Neu-Seeland, 1865, p. 106, t. 17, f. 6 and 7; R. Etheridge, jun. Trans. R. Soc. Vict. 1874, xi. p. 14; <i>id.</i> Synopsis Austr. Tert. Polyzoa, 1877, p. 6.	Schnapper Point, Hobson's Bay, Vict.

Genus *Psileschara*, *Busk*, 1860. (Quart. Jour. Geol. Soc. xvi. p. 261; Quart. Jour. Micro. Sc. 1861, n. ser. i. p. 79.)—*Cheilostomata-Inarticulata.*

<i>P. pustulosa</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	<i>l. c.</i> p. 261.	Mount Gambier, S. Australia.
<i>P. subsulcata</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	<i>l. c.</i> p. 261.	Mount Gambier, S. Australia.

Genus *Pustulipora*, *de Blainville*, 1830. (Dict. Sc. Nat. p. 382.)
Cyclostomata-Inarticulata.

<i>P. corrugata</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 150.	Mount Gambier, S. Australia.
<i>P. distans</i> , <i>Busk</i> (ms.).	Mt. Gambier Series (L. or M. Ter.?).	Quart. Jour. Geol. Soc. 1860, xvi. p. 261; Etheridge, jun. <i>loc. cit.</i> p. 13; (? = <i>Entalophora Haastiana</i> , Stol. Pal. Neu-Seeland, 1865, p. 102, t. 17, f. 4 and 5.)	Mount Gambier, S. Australia.
<i>P. ungulata</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 150.	Mount Gambier, S. Australia.

(Polyzoa.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Retepora</i> , <i>Imperato</i> , 1672. (Hist. Nat. p. 630; Busk, Mon. Foss. Polyzoa, Crag. 1859, p. 73.)— <i>Cheilostomata-Inarticulata</i> .			
<i>R. disticha</i> , <i>Sturt</i> .		?Vide <i>Hornera Gambierensis</i> , Busk.	
<i>R. Maccoyana</i> , <i>Etheridge, jun.</i>	Schnapper Pt. Series = Oligocene (L. Ter.).	Smyth's Progress Report, 1874, i. pp. 35 and 36; Etheridge, jun. *Trans. R. Soc. Vict. 1874, xi. p. 14; Etheridge, jun. Synopsis Austr. Tert. Polyzoa, 1877, p. 11.	Schnapper Point, Vict.
<i>R. monilifera</i> , <i>P. H. McGillivray</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Trans. Phil. Inst. Vict. 1860, iv. pt. 2, p. 168, t. 3, f. 6—9; Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 394; Etheridge, jun. loc. cit. p. 12.	Mount Gambier, S. Australia.
<i>R. vibicata</i> , <i>Sturt</i> (non <i>Goldfuss</i>).	Mt. Gambier Series (L. or M. Ter.?).	Two Expds. Int. S. Austr. 1832, ii. p. 254, t. 3, f. 7; <i>Retepora</i> , sp. Woods, Geol. Obs. S. Austr. 1862, p. 74 (?= <i>R. Beaniana</i> (King), <i>Stoliczka</i> , *Pal. Neu-Seeland, 1865, p. 124; Etheridge, jun. loc. cit. p. 12.	Murray Riv. Cliffs, and Mt. Gambier, S. Australia.

Genus *Salicornaria*, *Cuvier*, 1817 (Règne Anim. iv. p. 75) = *Farcimia*, *Fleming*.
Cheilostomata-Articulata.

<i>S. gracilis</i> , <i>Busk</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Brit. Mus. Cat. Polyzoa, 1852, pt. 1, p. 17, t. 63, f. 3, t. 65 (bis), f. 2; Woods, Trans. R. Soc. Vict. vi. p. 4; Etheridge, jun. loc. cit. p. 6.	Mount Gambier, S. Australia.
<i>S. Parkeri</i> , <i>Busk</i> (ms.).	Mt. Gambier Series.	Quart. Jour. Geol. Soc. 1860, xvi. p. 260.	Mount Gambier, S. Australia.
<i>S. sinuosa</i> , <i>Hassall</i> .	Mt. Gambier Series; Hamilton Series; Table Cape Series; Murray Cliffs Series (L. or M. Ter.?).	<i>Farcimia</i> , *Annals Nat. Hist. 1841, vi. p. 172, t. 6, figs. 1 and 2; <i>S. farciminoidea</i> (var.), Busk, *Brit. Mus. Cat. Polyzoa, 1852, pt. 1, p. 16; <i>S. sinuosa</i> , <i>ibid.</i> *Mon. Foss. Polyzoa, Crag. 1859, p. 23, t. 21, f. 5; <i>Glaucanome rhombifera</i> , <i>Sturt</i> , *Two Expds. Int. S. Austr. 1832, ii. p. 254, t. 3, f. 5; <i>S. sinuosa</i> , Busk, Quart. Jour. Geol. Soc. 1860, xvi. p. 260; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, t. 1, f. 5; <i>id. ibid.</i> Quart. Jour. Geol. Soc. 1865, xxi. p. 394; <i>id. ibid.</i> *Trans. R. Soc. Vict. vi. p. 4, t. 1, f. 1; Johnston, Notes, Tert. Beds, Table Cape, Tas. 1876, p. 31; Etheridge, jun. loc. cit. p. 6.	Mount Gambier; Cliffs of Murray River, S. Austr. Muddy Creek, nr. Hamilton, Vict. Table Cape, Tas.
<i>S. tenuirostris</i> , <i>Busk</i> .	Mt. Gambier Series (L. or M. Ter.?).	*Brit. Mus. Cat. Polyzoa, 1852, pt. 1, p. 17, t. 63, f. 4; Woods, Trans. R. Soc. Vict. vi. p. 4.	Mount Gambier, S. Australia.

(Polyzoa—Brachiopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Scutularia</i> , Busk (ms.), 1860. (Quart. Jour. Geol. Soc. xvi. 261.) <i>Cheilostomata-Inarticulata</i> .			
<i>S. prima</i> , Busk (ms.).	Mt. Gambier Series.	<i>l. c.</i> p. 261.	Mount Gambier, S. Australia.

Genus *Tubulipora*, Lamarck, 1816. (Histoire Nat. Anim. s. Vertèb. ii. p. 161;
Busk, Mon. Foss. Polyzoa, Crag. 1859, p. 110.)—*Cyclostomata-Tubuliporidae*.

<i>T. Gambierensis</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	*Jour. R. Soc. N. S. Wales, 1877, x. p. 150.	Mount Gambier, S. Australia.
--	---------------------	---	------------------------------

Class—Brachiopoda.

Genus *Rhynchonella*, Fischer, 1809 (see p. 21).—*Clistenterata-Rhynchonellidae*.

<i>R. cælata</i> , McCoy (ms.).		Fide Woods (in lit.).	
<i>R. lucida</i> , Gould.	Table Cape Series (L. or M. Ter.?).	*Proc. Boston Nat. Hist. Soc. 1860, vii. p. 323; A. Adams, *Annals Nat. Hist. 1863, xi. p. 100; Davidson, Proc. Zool. Soc. 1871, p. 309, t. 31, f. 13 and 14; McCoy, Annals Nat. Hist. 1867, xx. p. 195; <i>id.</i> Smyth's Progress Report, 1874, p. 36; Woods, Proc. R. Soc. Tas. (for 1875), 1876, p. 15.	Table Cape, Tas. Victoria.
<i>T. compta</i> , G. B. Sowerby.	Mt. Gambier Series (L. or M. Ter.?), &c.	<i>Terebratula</i> , sp. Sturt, Two Expds. Int. S. Australia, 1832, ii. p. 254, t. 3, f. 15; <i>T. compta</i> , G. B. Sow. *Strzelecki's Phys. Descript. N. S. Wales, &c. 1845, p. 297, t. 19, f. 4; <i>id.</i> Woods, Geol. Obs. S. Austr. 1862, pp. 74 and 121, figs.; <i>id. ibid.</i> *Tert. Rocks, S. Australia, pt. 3, Brachiopoda, f. 4 A to E; <i>Terebratella</i> , R. Etheridge, jun. *Annals Nat. Hist. 1876, xvii. p. 19, t. 2, f. 5 a—d.	Mount Gambier, S. Australia. Spring Creek, Vict.
<i>T. Tenisoni</i> , Tenison-Woods.	Mt. Gambier Series (L. or M. Ter.?).	*Tert. Rocks of S. Australia, pt. 3, Brachiopoda, f. 5, A to E, and f. 6; Johnston, Notes, Tert. Beds, Table Cape, Tas. 1876, p. 31.	Mount Gambier, S. Australia.

(Brachiopoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Terebratula</i> , Lloyd, 1699 (see p. 61).— <i>Clistenterata-Terebratulidæ</i> .			
<i>T. compta</i> , G. B. Sowerby.		Vide <i>Terebratella</i> .	
<i>T. Corioensis</i> , M'Coy (ms.).		Vide <i>Waldheimia Gambierensis</i> , Eth. jun.	
<i>T. Tateana</i> , Tenison-Woods.	Table Cape Series.	Fide Woods (<i>in lit.</i>).	Table Cape, Tas.
<i>T. vitreoides</i> , Tenison-Woods.	Table Cape Series.	Fide Woods (<i>in lit.</i>).	Table Cape, Tas.

Genus *Terebratulina*, d'Orbigny, 1847. (Comptes Rendus, xxv. p. 268; Pal. Franç. Ter. Cret. 1847, iv. p. 56; Davidson, Introduction, p. 63.)
Clistenterata-Terebratulidæ.

<i>T. ? Davidsoni</i> , R. Etheridge, jun.	Mt. Gambier Series.	*Annals Nat. Hist. 1876, xvii. p. 16, pl. 1, f. 1 a—c.	Mount Gambier, S. Australia.
--	---------------------	--	------------------------------

Genus *Waldheimia*, King, 1850. (Mon. Perm. Foss. England, p. 145; Davidson, Introduction, p. 64.)—*Clistenterata-Terebratulidæ*.

<i>W. Corioensis</i> , M'Coy.	Hamilton Series (L. or M. Ter.?), &c.	*Geol. Survey, Vict. Dec. v. 1877, p. 11, t. 43, f. 1—3; non <i>Terebratula Corioensis</i> , M'Coy (ms.).	Muddy Ck.; Bird Rock; Corio Bay, Vict.
<i>W. Crouchii</i> , Tenison-Woods.	Mt. Gambier Series.	*Tert. Rocks of S. Australia, pt. 3, Brachiopoda, p. 12, f. 2.	Mount Gambier, S. Australia.
<i>W. Gambierensis</i> , R. Etheridge, jun.	Mt. Gambier Series; Table Cape Series (L. or M. Ter.?).	*Annals Nat. Hist. 1876, xvii. p. 19, t. 2, f. 4 a—d; Johnston, Notes, Tert. Beds, Table Cape, Tas. 1876, p. 31; <i>Terebratula Corioensis</i> , M'Coy (ms.), Smyth's Progress Rep. 1874, p. 36.	Mount Gambier, S. Australia. Table Cape, Tas.
<i>W. Garibaldiana</i> , Davidson.	Mt. Gambier Series (L. or M. Ter.?).	*Geologist, 1862, v. p. 446, t. 24, f. 19; R. Etheridge, jun. *Annals Nat. Hist. 1876, xvii. p. 17, t. 1, f. 2 a and b.	Mount Gambier, S. Australia.
<i>W. grandis</i> , Tenison-Woods.	Mt. Gambier Series.	*Tert. Rocks of S. Australia, pt. 3, Brachiopoda, p. 12, f. 1 a and b.	Mount Gambier, S. Australia.
<i>W. imbricata</i> , Tenison-Woods.	Mt. Gambier Series.	*Tert. Rocks of S. Australia, pt. 3, Brachiopoda, p. 12, f. 3 a and b.	Mount Gambier, S. Australia.
<i>W. macropora</i> , M'Coy.	Schnapper Point Series = Oligocene (L. Ter.), Flemington Beds (Up. Ter.?).	Smyth's Progress Report, 1874, p. 36; *Geol. Survey, Vict. Dec. v. 1877, p. 12, t. 43, f. 4 and 6 (? = <i>W. Garibaldiana</i> , Dav.).	Flemington, Mount Eliza, &c. Vict.
<i>W. Taylori</i> , R. Etheridge, jun.	Murray Cliffs Series.	*Annals Nat. Hist. 1876, xvii. p. 18, t. 1, f. 3 a—c.	Murray Cliffs, S. Australia.

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Section—Mollusca proper.

Class—Pelecypoda (Lamellibranchiata, or Conchifera).

Genus **Cardita**, *Bruguère*, 1789. (Encycl. Méthod. i. p. 401; Lamarek, Histoire, 1819, vi. p. 20; Stoliczka, Pal. Indica, iii. p. 283.)—*Lucinacea-Astartidæ*.

<i>C. gracilicostata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 60.	Table Cape, <i>Tas.</i>
--	-----------------------	---	-------------------------

Genus **Cardium**, *Linnaeus*, 1758 (see p. 68).—*Veneracea-Cardiidæ*.

<i>C. pseudo-magnum</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	Smyth's Progress Report, 1874, p. 36; *Geol. Survey, Vict. Dec. v. 1877, p. 15, t. 44, f. 1.	Bird Rock Bluff, <i>Vict.</i>
---	---------------------	--	----------------------------------

Genus **Chama**, *Linnaeus*, 1758. (Syst. Nat. ed. 10, i. p. 691; Lamarek, Histoire, 1819, vi. p. 92; Stoliczka, Pal. Indica, iii. p. 230.)—*Chamacea-Chamidæ*.

<i>C. lamellifera</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 62.	Table Cape, <i>Tas.</i>
--	-----------------------	---	-------------------------

Genus **Chione**, *Muhlefel*, 1811. (Naturf. Freunde, Berlin Mag. v. p. 51; Stoliczka, Pal. Indica, iii. p. 148.)—*Veneracea-Veneridæ*.

<i>C. Cainozoica</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Notes, Tertiary Foss. Tas. 1876, p. 61.	Table Cape, <i>Tas.</i>
<i>C. propinqua</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 61.	Table Cape, <i>Tas.</i>

Genus **Corbis**, *Cuvier*, 1817. (Le Règne Animal, ii. p. 480.)—*Lucinacea-Lucinidæ*.

<i>C. lamellosa</i> , <i>Sturt</i> .	Mt. Gambier Series (L. or M. Ter.?).	Two Expds. Int. S. Austr. 1832, ii. p. 254; Woods, Geol. Obs. S. Austr. 1862, p. 105. (? = <i>Lucina</i> <i>lamellosa</i> , Lamarek, *Ann. Muséum, vii. p. 237; <i>Corbis</i> , Deshayes, *Descr. Coqu. Foss. i. p. 88, t. 14, figs. 1–3.)	Cliffs of Murray R. <i>S. Australia</i> .
--------------------------------------	---	---	--

Genus **Corbula**, *Bruguère*, 1792. (Tabl. Encycl. Méthod. pl. 230; Lamarek, Prodrome, 1799, p. 89.)—*Myacea-Myidæ*.

<i>C. Gallica</i> , <i>Sturt</i> .	Mt. Gambier Series (L. or M. Ter.?).	Two Expds. Int. S. Austr. 1832, ii. p. 254; Woods, Geol. Obs. S. Austr. 1862, p. 105. (? = <i>C.</i> <i>Gallica</i> , Lamk. *Ann. Muséum, viii. p. 466.)	Cliffs of Murray R. <i>S. Australia</i> .
------------------------------------	---	--	--

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. sulcata</i> , <i>Lamarck</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Table Cape Series (M. or L. Ter.?).	Système, 1801, p. 137; Histoire, 1818, v. p. 495; M'Coy, Annals Nat. Hist. 1865, xvi. p. 114; <i>ibid. id.</i> 1867, xx. p. 195; <i>ibid.</i> Smyth's Progress Report, 1874, p. 35; <i>ibid. id.</i> 1876, iii. p. 71; Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 16.	Schnapper Point, <i>Vict.</i> Table Cape, <i>Tas.</i>

Genus *Crassatella*, *Lamarck*, 1799. (Prodrome, p. 85; Système, 1801, p. 119.)
Lucinacea-Crassatellidae.

<i>C. aphrodina</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Proc. R. Soc. Tas. for 1875 (1876), pp. 17 and 24, f. 12.	Table Cape, <i>Tas.</i>
<i>C. oblonga</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Proc. R. Soc. Tas. for 1875 (1876), pp. 17 and 25, f. 11.	Table Cape, <i>Tas.</i>

Genus *Cucullæa*, *Lamarck*, 1801 (see p. 107).—*Arcacea-Arcidae.*

<i>C. Cainozoica</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Notes, Tertiary Foss. Tas. 1876, p. 59; Johnston, Notes, Tertiary Beds, Table Cape, 1876, p. 36.	Table Cape, <i>Tas.</i> Flinders' Is., Bass' Straits.
<i>C. concamerata</i> (<i>Martini</i>), <i>Reeve</i> .	Table Cape Series, &c. (L. or M. Ter.?).	*Conch. Icon. 1870, xvii. Mon. Cucullæa, t. 1, f. 1; M'Coy, Annals Nat. Hist. 1867, xx. p. 195; <i>id.</i> Smyth's Progress Report, 1874, i. p. 36; Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 15.	Mordialloc, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>C. Corioensis</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Table Cape Series, &c.	*Geol. Survey, <i>Vict.</i> Dec. iii. 1876, p. 32, t. 27, f. 3—5 b; Johnston, Notes, Tertiary Beds, Table Cape, <i>Tas.</i> 1876, p. 33.	Corio Bay, Mordialloc, Mount Martha, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>C. granulosa</i> , <i>Jonas</i> .		Proc. Zool. Soc. 1846, p. 34; Reeve, Conch. Icon. 1870, xvii. Mon. Cucullæa, t. 1, f. 2; M'Coy, Annals Nat. Hist. 1867, xx. p. 195; <i>id.</i> Smyth's Progress Report, 1874, i. p. 36.	Mordialloc, <i>Vict.</i>

Genus *Hinnites*, *DeFrance*, 1821. (Dict. Sc. Nat. xxi. p. 169).—*Ostracea-Pectinidae.*

<i>H. Corioensis</i> , <i>M'Coy</i> (ms.).		Smyth's Progress Report, 1874, p. 36.	
--	--	---------------------------------------	--

Genus *Lima*, *Bruguère* (see p. 109).—*Ostreacea-Radulidae.*

<i>L. Bassii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 60.	Table Cape, <i>Tas.</i>
<i>L. squamosa</i> , <i>Tenison-Woods</i> (ms.).	Table Cape Series.	Johnston, Notes, Tertiary Beds, Table Cape, <i>Tas.</i> 1876, p. 34.	Table Cape, <i>Tas.</i>

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Genus **Limatula**, *Searles Wood*, 1839. (Mag. Nat. Hist. III. pp. 233 and 235 ; Stoliczka, Pal. Indica, III. p. 413.)—*Ostreacea-Radulidae*.

<i>L. subauriculata</i> , <i>Montagu</i> .	Table Cape Series (L. or M. Ter.?).	<i>Pecten</i> , Test. Brit. Supp. 1808, p. 63, t. 29, f. 2; <i>Limatula</i> , Woods, Notes, Tertiary Foss. Tas. 1876, p. 61.	Table Cape, <i>Tas</i> .
---	---	---	--------------------------

Genus **Limopsis**, *Sassi*, 1827 (Giornale Ligustico de Sci. Lettere e. Arti!)
= *Trigonocelia*, *Myst. et Galeotti*; *Pectunculina*, d'Orbigny, 1844.
Arcacea-Arcidae.

<i>L. aurita</i> , <i>Brocchi</i> .	L. Ter. (Oligo- cene), &c.	<i>Arca</i> , *Conch. Foss. Subap. II. p. 485, t. 11, f. 9; <i>Limopsis</i> , M'Coy, Annals Nat. Hist. 1865, xvi. p. 114; <i>ibid. id.</i> 1876, xx. p. 195; <i>ibid.</i> Smyth's Progress Report, 1874, p. 36; <i>ibid.</i> *Geol. Survey, Vict. Dec. II. 1875, p. 23, t. 19, figs. 5—7.	Bird Rock, near Geelong; Morn- ington, <i>Vict</i> .
<i>L. Belcheri</i> , <i>Adams</i> and <i>Reve</i> .	L. Ter. (Oligo- cene), &c.	<i>Pectunculus</i> , *Voy. Samarang. Zool. Moll. 1850, p. 76, t. 22, f. 5; M'Coy, Annals Nat. Hist. 1865, xvi. p. 114; <i>ibid. id.</i> 1867, xx. p. 195; Woods, Trans. R. Soc. Vict. VIII. p. 44; M'Coy, Smyth's Progress Report, 1874, p. 36; <i>id.</i> *Geol. Survey, Vict. Dec. II. 1875, p. 25, t. 19, figs. 8 and 9.	Bird Rock Bluff, nr. Geelong; Co- rio Bay; Muddy Ck. <i>Vict</i> .

Genus **Lyonsia**, *Turton*, 1822. (Conch. Syst. Brit.!) Stoliczka, Pal. Indica, III. p. 65.)
Myacea-Anatinidae.

<i>L. Agnewi</i> , <i>Tenison- Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 25, f. 13.	Table Cape, <i>Tas</i> .
--	-----------------------	---	--------------------------

Genus **Nucula**, *Lamarck*, 1799 (see p. 73).—*Arcacea-Nuculidae*.

<i>N. Marthæ</i> , <i>M'Coy</i> .	Oldest G. D. (=L. Plio- cene?).	*Smyth's Progress Report, 1875, II. p. 22, f. 2; <i>id. ibid.</i> 1876, III. p. 49; Couchman's Pro- gress Report, 1877, IV. p. 155.	Welcome Rush, nr. Stawell, <i>Vict</i> .
<i>N. tumida</i> , <i>Tenison- Woods</i> (non <i>Phill.</i>).	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 59.	Table Cape, <i>Tas</i> .
<i>N. sp. ind.</i>	Murray River Series (L. or M. Ter.?).	Sturt, *Two Expeds. Int. S. Austr. 1832, II. p. 254, t. 3, f. 12.	Cliffs of Murray R. <i>S. Australia</i> .

Genus **Nuculana**, *Link*, 1807 (see p. 74).—*Arcacea-Nuculanidae*.

<i>N. crebricostata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	<i>Leda</i> , *Notes, Tertiary Foss. Tas. 1876, p. 60.	Table Cape, <i>Tas</i> .
---	-----------------------	---	--------------------------

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Ostrea</i> , Linnaeus, 1758 (see p. 111).— <i>Ostracea-Ostreidæ</i> .			
<i>O. elongata</i> , Sturt.	Mt. Gambier Series; Murray River Series (L. or M. Ter.?).	*Two Expds. Int. S. Austr. 1832, ii. p. 254; Woods, Geol. Obs. S. Austr. 1862, p. 106; (? = <i>O. elongata</i> , Deshayes, *Descr. Coqu. Foss. 1824, i. p. 348, t. 49, figs. 3, 4.)	Cliffs of Murray R. and Mt. Gambier, <i>S. Australia</i> .

Genus *Pecten*, O. F. Müller, 1776 (see p. 76).—*Ostracea-Pectinidæ*.

<i>P. coarctatus</i> , Sturt.	Mt. Gambier Series; Murray River Series (L. or M. Ter.?).	*Two Expds. Int. S. Austr. 1832, ii. p. 254, t. 3, f. 13; Woods, Geol. Obs. S. Austr. 1862, p. 76, fig.; <i>ibid.</i> Quart. Jour. Geol. Soc. 1865, xxi. pp. 391 and 393; <i>ibid.</i> Trans. R. Soc. Vict. vi. p. 6; (? = <i>P. coarctatus</i> , Defrance, *Dict. Sc. Nat. xxxviii. p. 255; <i>Ostrea coarctata</i> , Brocchi, Conch. Foss. Subap. ii. p. 574, t. 14, f. 9.)	Cliffs of Murray R.; Mount Gambier, <i>S. Australia</i> . Muday Ck. <i>Vict.</i>
<i>P. laticostatus</i> , J. E. Gray.		Vide <i>Vol'a laticostata</i> .	
<i>P. Yahlensis</i> , Tenison-Woods.	M. Ter. (Miocene?).	*Proc. Phil. Soc. Adelaide 1865, t. 1, f. 2!; M'Coy, in Couchman's Progress Report, 1877, iv. p. 16; var. <i>semilævis</i> , <i>id.</i> *Geol. Survey, Vict. Dec. iv. 1876, p. 13, t. 34.	Harrow; Corio Bay, <i>Vict.</i> ?Mount Gambier, <i>S. Australia</i> .
<i>P. sp. ind.</i>	Mt. Gambier Series, &c. (L. or M. Ter.?).	Sturt, *Two Expds. Int. S. Austr. 1832, p. 254, t. 3, f. 14; Woods, Geol. Obs. S. Austr. 1862, p. 74, fig.	Cliffs of Murray R. and Mt. Gambier, <i>S. Australia</i> .

Genus *Pectunculus*¹, Lamarck, 1799 (Prodrome, p. 87; Système, 1801, p. 115), non Adanson, 1757; ? = *Axinea*, Poli, 1791.—*Arcacea-Arcidæ*.

<i>P. laticostatus</i> , Quoy and Gaimard.	Schnapper Pt. Series = Oligocene (L. Tert.?). Table Cape Series (L. or M. Ter.?), &c.	*Voy. de l'Astrolabe, Zool. iii. t. 77, figs. 4—6; J. E. Gray, in Dieffenbach's *Travels in N. Zealand, 1843, ii. p. 257; M'Coy, Ex. Essay, 1861, p. 169; <i>ibid.</i> Annals Nat. Hist. 1862, ix. p. 146; Wilkinson, Geol. Rept. C. Otway Dist. 1865, p. 23; M'Coy, Annals Nat. Hist. 1865, xvi. p. 114; <i>ibid.</i> <i>id.</i> 1867, xx. p. 194; Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391; <i>ibid.</i> Trans. R. Soc. Vict. viii. p. 45; Hutton, *Cat. Ter. Moll. and Echinodermata, N. Zealand, 1873, p. 28; von Martens, Cat. Marine Moll. N. Zealand,	Schnapper Point, Hobson's Bay; Bird Rock, near Geelong; Muddy Ck. near Hamilton, <i>Vict.</i> Table Cape, <i>Tas.</i>
--	--	--	--

¹ *Pectunculus*.—This name was first used by Adanson, in 1757 (*Voy. Sénégal*, p. 240), and again by Lamarck, in 1799, but in a different sense. The Lamarckian genus appears to be identical with *Axinea*, Poli, 1791 (*Testacea u. Sicilia*), which has precedence of it, and should therefore take the place of *Pectunculus*, Lamarck (non Adanson).

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		1873, p. 80; M'Coy, Smyth's Progress Rept. 1874, p. 35; <i>id.</i> *Geol. Survey, Vict. Dec. II. 1875, p. 26, t. 19, figs. 10—14.	

Genus **Protocardium**, *Beyrich*, 1845. (Menke's Zeit. für Malakozool. 1845, pp. 17—20.) *Veneracea-Cardiidae*.

<i>P. antisemigranulatum</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	*Geol. Survey, Vict. Dec. v. 1877, p. 16, t. 44, f. 2 and 3.	Moorabool, <i>Vict.</i>
---	---------------------	--	-------------------------

Genus **Solecurtus**, *Blainville*, 1824. (Dict. Sci. Nat. xxxii. p. 351.)—*Myacea-Solenidae*.

<i>S. Legrandi</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Proc. R. Soc. Tas. for 1875 (1876), pp. 17 and 25, f. 14.	Table Cape, <i>Tas.</i>
---	-------------------------------------	--	-------------------------

Genus **Spondylus**, *Klein*, 1759. (Tert. Meth. Ostrac. p. 136; Linnæus, Systema, ed. 10, 1758, p. 690; Stoliczka, Pal. Indica, III. p. 441.)—*Ostracea-Spondylidae*.

<i>S. gadæropoides</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Tert.).	Smyth's Progress Report, 1874, pp. 35 and 36; Couchman's, <i>id.</i> 1877, iv. p. 17; *Geol. Survey, Vict. Dec. iv. 1876, p. 27, t. 38, f. 1—1 d; Dec. v. 1877, p. 17, t. 45, f. 1 and 3.	Boggy Creek; Bird Rock Bluff; Schnapper Pt. <i>Vict.</i>
<i>S. pseudoradula</i> , <i>M'Coy</i> .	Schnapper Pt. beds = Oligocene (L. Ter.); Hamilton Series (L. or M. Ter.); Mordialloc Ser. (U. Ter.?).	*Geol. Survey, Vict. Dec. v. 1877, p. 17, t. 45, f. 2.	Mount Martha; Muddy Creek; Mordialloc, <i>Vict.</i>
<i>S. spinulosus</i> , <i>M'Coy</i> (ms.).	Schnapper Pt. Series = Oligocene (L. Tert.).	Smyth's Progress Report, 1874, p. 35.	Boggy Creek; Bird Rock Bluff; Schnapper Pt. <i>Vict.</i>

Genus **Tellina**, *Linnæus*, 1758 (see p. 112).—*Tellinacea-Tellinidae*.

<i>T. Cainozoica</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 61.	Table Cape, <i>Tas.</i>
<i>T. Krausei</i> , <i>M'Coy</i> .	Oldest G. D. (= L. Pliocene?).	*Smyth's Progress Report, 1875, II. p. 22, f. 3; <i>id. ibid.</i> 1876, p. 49; Couchman's Progress Report, 1877, iv. p. 155.	Welcome Rush, nr. Stawell, <i>Vict.</i>

Genus **Trigonia**, *Bruguère*, 1789 (see p. 113).—*Arcacea-Trigoniadae*.

<i>T. acuticostata</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Tert.).	<i>T. Lamarkii</i> , Jenkins (non Mathn.), *Geol. Mag. 1866, III. p. 201, t. 10, figs. 3—7; <i>T. acuticostata</i> , M'Coy, * <i>ibid.</i> p. 482; <i>ibid. id.</i>	Cape Otway Coast; Mordialloc; Muddy Creek; Schnapper Point, <i>Vict.</i>
---	--	---	--

(Pelecypoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
	Hamilton Series (L. or M. Ter.?), &c.	Annals Nat. Hist. 1867, xx. p. 194; <i>T. Lamarkii</i> , Jenkins, Geol. Mag. 1868, v. p. 567; <i>T. acuticostata</i> , M'Coy, *Geol. Survey, Vict. 1875, Dec. II. p. 21, t. 19, figs. 1 and 2; <i>id.</i> Annals Nat. Hist. 1876, xviii. p. 273.	
<i>T. Howitti</i> , M'Coy.	M. Ter. (Miocene?).	*Annals Nat. Hist. 1875, xv. p. 316, t. 18, f. B; *Geol. Survey, Vict. Dec. III. p. 31, t. 27, f. 1 to 2 c.	Jemmy's Point, Gippsland Lakes, Vict.
<i>T. Lamarkii</i> , Jenkins (non Mathn.).		Vide <i>T. acuticostata</i> , M'Coy.	
<i>T. semiundulata</i> , M'Coy.	Table Cape Series (M. or L. Ter.). Miocene? (M. Ter.).	Ex. Essay, 1861, p. 170; Annals Nat. Hist. 1862, ix. p. 147; <i>T. subundulata</i> , Jenkins, *Quart. Jour. Sci. 1865, II. p. 362, t. 8, f. 6; <i>T. semiundulata</i> , M'Coy, *Geol. Mag. 1866, III. p. 481; <i>ibid. id.</i> Annals Nat. Hist. 1867, xx. p. 194; <i>ibid.</i> Jenkins, Geol. Mag. 1868, v. p. 566; <i>ibid.</i> Stephens, Monthly Notices R. Soc. Tas. for 1869, p. 20; <i>ibid.</i> Hutton, Cat. Tert. Moll. and Echinodermata, N. Zealand, 1873, p. 27; <i>ibid.</i> M'Coy, Smyth's Progress Report, 1874, p. 35; <i>ibid. id.</i> *Geol. Survey, Vict. Dec. II. 1875, p. 22, t. 19, figs. 4 and 5; <i>ibid.</i> Woods, Proc. R. Soc. Tas. (for 1875) 1876, p. 16.	Bird Rock Bluff, near Geelong; Moorabool Riv., Vict. Table Cape, Tas.

Genus *Unio*, Retzius, 1788 (see p. 113).—*Unionacea-Unionidæ*.

<i>U. Wilkinsoni</i> , Etheridge, jun. (ms.).	Oldest G. D. (= L. Pliocene?).	<i>Unio</i> sp. Wilkinson, Annual Report Dep. Mines, N. S. Wales, for 1876, p. 172; <i>id.</i> Etheridge, jun. Geol. Mag. 1877, Dec. 2, IV. p. 286.	Gulgong, N. S. Wales.
---	--------------------------------	---	-----------------------

Genus *Venus*, Linnæus, 1758 (see p. 79).—*Veneracea-Veneridæ*.

<i>V. Allporti</i> , Tenison-Woods.	Table Cape Series (L. or M. Ter.).	*Proc. R. Soc. Tas. for 1875 (1876), p. 26, f. 10.	Table Cape, Tas.
<i>V. lævigata</i> , Sturt.	Mt. Gambier Series; Murray River Series (L. or M. Ter.).	*Two Expds. Int. S. Austr. 1832, II. p. 254; Woods, Geol. Obs. S. Austr. 1862, p. 106. (? = <i>Cytherea lævigata</i> , Lamk. *Ann. Muséum, 1806, VII. p. 134.)	Cliffs of Murray R.; Mount Gambier, S. Australia.
<i>V. obliqua</i> , Sturt.	Murray River Series (L. or M. Ter.).	*Two Expds. Int. S. Austr. 1832, II. p. 254; Woods, Geol. Obs. S. Austr. 1862, p. 106. (? = <i>V. obliqua</i> , Lamk. *Ann. Muséum, 1806, VII. p. 62.)	Cliffs of Murray R. S. Australia.

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Vola</i> , Klein, 1753. (Tent. Meth. Ostrac. pt. 2, p. 135, no. 351.) <i>Ostreacea-Pectinidæ</i> .			
<i>V. laticostata</i> , J. E. Gray.	Table Cape Series (L. or M. Ter.?).	<i>Pecten</i> , in Yate's *Account of N. Zealand, 1835, p. 310; <i>id.</i> in Dieffenbach's Travels in N. Zealand, 1843, II. p. 260; <i>P. Novæ Zealandiæ</i> , Reeve, *Conch. Iconica, VIII. Mon. Genus <i>Pecten</i> , 1852, no. 36, t. 8, f. 36; <i>P. laticostatus</i> , Angas, Proc. Zool. Soc. 1865, p. 656; <i>Vola laticostata</i> , Hutton, *Cat. Marine Moll. N. Zealand, 1873, p. 82; <i>P. (Vola) id.</i> von Martens, Critical List Marine Moll. N. Zealand, 1873, p. 50; <i>Pecten</i> , Hutton, *Cat. Tert. Moll. and Echinodermata, N. Zealand, 1873, p. 30.	Table Cape, Tas.

Class—Gasteropoda.

Genus *Actæon*, de Montfort, 1810 (see p. 113).

<i>A. scrobiculatus</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 50.	Table Cape, Tas.
--	--------------------	--	------------------

Genus *Ancilla*, Lamarck, 1799 (Prodrome, p. 70; Système, 1801, p. 73; Adams, Genera, I. 1853, p. 148) = *Ancillaria*, Lamk. 1810.—*Prosobr.-Olividæ*.

<i>A. mucronata</i> , G. B. Sowerby.	Table Cape Series (L. or M. Ter.?).	<i>Ancillaria</i> , *Thes. Conch. III. p. 63, f. 11, 12, and 14; <i>id.</i> Tenison-Woods, Proc. R. Soc. Tas. 1875, p. 17; <i>id.</i> Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 34.	Table Cape, Tas.
--------------------------------------	-------------------------------------	---	------------------

Genus *Buccinum*, Linnaeus, 1758. (Systema, ed. 10, p. 734; Lamarck, Prodrome, 1799, p. 71; Système, 1801, p. 77; Histoire, 1822, VII. p. 262; Adams, Genera, I. 1853, p. 107.)—*Prosobr.-Buccinidæ*.

<i>B. fragile</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 55.	Table Cape, Tas.
------------------------------------	--------------------	--	------------------

Genus *Bulla*, Klein, 1753. (Tent. Meth. Ostrac. p. 82; Linnaeus, 1758, Systema, ed. 10, p. 725; Lamarck, Prodrome, 1799, p. 75; *id.* Histoire, 1822, VI. pt. 2, p. 116; Adams, Genera, II. 1854, p. 15.)—*Opisthobr.-Bullidæ*.

<i>B. sp. ind.</i>	Murray River Series.	Sturt, Two Expeds. Int. S. Austr. 1832, II. t. 2, f. 2.	Murray R. Cliffs, S. Australia.
--------------------	----------------------	---	---------------------------------

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Calcar , <i>Montfort</i> , 1810 (Conch. Syst. ii. p. 135; <i>Stoliczka</i> , <i>Pal. Indica</i> , ii. p. 357) = <i>Stella</i> (Klein), <i>H. and A. Adams</i> , 1854; ? <i>Turboidea</i> , <i>Seeley</i> , 1861. <i>Prosobr.-Turbinidæ</i> .			
<i>C. Flindersi</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 43.	Table Cape, <i>Tas.</i>
<i>C. ornatissimum</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 44.	Table Cape, <i>Tas.</i>
Genus Cassidaria , <i>Lamarck</i> , 1812. (<i>Cours de Zool.</i> !; <i>Histoire</i> , 1822, vii. p. 214; <i>Stoliczka</i> , <i>Pal. Indica</i> , ii. p. 453.)— <i>Prosobr.-Cassididæ</i> .			
<i>C. reticulospira</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.). Table Cape Series (L. or M. Ter.?).	Exhib. Essay, 1861, p. 169; <i>Annals Nat. Hist.</i> 1862, ix. p. 146; <i>ibid.</i> 1867, xx. p. 194; <i>Smyth's Progress Report</i> , 1874, p. 35; <i>Tenison-Woods</i> , <i>Proc. R. Soc. Tas.</i> for 1875 (1876), p. 17.	Schnapper Point, <i>Vict.</i> Table Cape, <i>Tas.</i>
Genus Cassis , <i>Lamarck</i> , 1799. (<i>Prodrome</i> , p. 72; <i>Histoire</i> , 1822, vii. p. 218; <i>Adams</i> , <i>Genera</i> , i. 1853, p. 214.)— <i>Prosobr.-Cassididæ</i> .			
<i>C. sufflatus</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 41.	Table Cape, <i>Tas.</i>
Genus Cerithium , <i>Adanson</i> , 1757 (see p. 114).			
<i>C. Flemingtonensis</i> , <i>M'Coy</i> .	Flemington Series (L. Pliocene?).	*Geol. Survey, <i>Vict. Dec.</i> iii. 1876, p. 28, t. 26, f. 3—9.	Flemington, <i>Vict.</i>
Genus Columbella , <i>Lamarck</i> , 1799. (<i>Prodrome</i> , p. 70; <i>Système</i> , 1801, p. 75; <i>Histoire</i> , vii. 1822, p. 292; <i>Adams</i> , <i>Genera</i> , 1853, i. p. 181.) <i>Prosobr.-Columbellinæ</i> .			
<i>C. Cainozoica</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 58.	Table Cape, <i>Tas.</i>
<i>C. Oxleyi</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 59.	Table Cape, <i>Tas.</i>
Genus Cominella , <i>J. E. Gray</i> , 1853. (<i>Adams</i> , <i>Genera</i> , i. p. 110; <i>Guide Moll. Brit. Mus.</i> 1857, p. 15.)— <i>Prosobr.-Buccinidæ</i> .			
<i>C. cancellata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 55.	Table Cape, <i>Tas.</i>
<i>C. lyræcostata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 56.	Table Cape, <i>Tas.</i>

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Conus</i> , <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 712; Lamarek, 1799, Prodrôme, p. 69; Adams, Genera, 1853, i. p. 247.)— <i>Prosobr.-Conidae</i> .			
<i>C. ? sp. ind. (a).</i>	Murray River Series.	Sturt, Two Exped. Int. S. Austr. 1832, ii. p. 256, t. 2, f. 3.	Murray R. Cliffs, <i>S. Australia</i> .
<i>C. ? sp. ind. (b).</i>	Murray River Series (L. or M. Ter.?).	Sturt, Two Exped. Int. S. Austr. 1832, ii. p. 256, t. 3, f. 26; Woods, Geol. Obs. S. Austr. 1862, p. 78.	Murray R. Cliffs, <i>S. Australia</i> .
Genus <i>Cylichna</i> , <i>Lovén</i> , 1846. (Index Moll. Scand. !; Adams, Genera, 1854, ii. p. 9; Stoliczka, Pal. Indica, ii. p. 478.)— <i>Opisthobr.-Cylichnidae</i> .			
<i>C. arachis</i> , <i>Quoy</i> and <i>Gaimard</i> .	Table Cape Series (L. or M. Ter.?).	<i>Bulla</i> , Voy. de l'Astrolabe, Zoologie, ii. p. 361, Atlas, t. 26, f. 28—30; Sowerby, *Thes. Conch. ii. p. 590, t. 125, f. 133 and 134; Angas, Proc. Zool. Soc. 1867, p. 226; <i>Cylichna</i> , Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 36; <i>id.</i> Tenison-Woods, <i>ibid.</i> p. 50.	Table Cape, <i>Tas.</i>
Genus <i>Cypræa</i> , <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 718; Lamarek, Prodrôme, 1799, p. 69; <i>id.</i> Histoire, 1822, vii. p. 372; Adams, Genera, 1854, i. p. 264; Stoliczka, Pal. Indica, ii. p. 49.)— <i>Prosobr.-Cypræida</i> .			
<i>C. Archeri</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 23, f. 9.	Table Cape, <i>Tas.</i>
<i>C. eximia</i> , <i>G. B. Sowerby</i> .	Schnapper Pt. Series = Oligocene (L. Ter.), &c.	Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 296, t. 19, f. 1—3; Woods, Quart. Jour. Geol. Soc. 1865, xxi. p. 391; M'Coy, Smyth's Progress Report, 1874, p. 35; <i>C. (Cyprocula)</i> , Gray, Proc. Zool. Soc. 1849, p. 125; <i>Cypræa</i> , R. Gunn, <i>ibid.</i> p. 124; <i>id.</i> Gray, Proc. R. Soc. V. D. Land, ii. p. 197; <i>C. (Aricia) eximia</i> , M'Coy, *Geol. Survey, Vict. Dec. iii. p. 35, t. 28, t. 29, f. 2; <i>Cypræa</i> , Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 15.	Schnapper Point; Reilley's Creek, near Hamilton, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>C. gastroplax</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.).	Annals Nat. Hist. 1867, xx. p. 194; Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. ii. 1875, p. 20, t. 16, f. 1, t. 17 and t. 18, f. 2.	Schnapper Point, <i>Vict.</i>
<i>C. gigas</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Tert.), &c.	Annals Nat. Hist. 1867, xx. p. 194, and p. *438; Smyth's Progress Report, 1874, p. 35; <i>C. (Aricia) gigas</i> , *Geol. Survey, Vict. Dec. ii. 1875, p. 19, t. 15, t. 16, f. 2, t. 17 and 18, f. 1; <i>id. ibid.</i> Dec. iii. 1876, p. 35, t. 28, t. 29, f. 1.	Schnapper Point; Muddy Ck. <i>Vict.</i>

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. oviformis</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series.	Geol. Obs. S. Austr. 1862, p. 83 (? = <i>C. oviformis</i> , J. Sow. Min. Con. i. p. 17, t. 4).	Mount Gambier, S. Australia.
<i>C. platypyga</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.).	Smyth's Progress Report, 1874, p. 35; <i>C. (Aricia)</i> , *Geol. Survey, Vict. Dec. III. 1876, p. 39, t. 30, f. 1—1 c; <i>Cypræa</i> , Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 33.	Schnapper Point, Vict. Table Cape, Tas.
<i>C. platyrhyncha</i> , <i>M'Coy</i> .	M. Ter. (Miocene?); Table Cape Series (L. or M. Ter.?).	Smyth's Progress Report, 1874, p. 35; <i>C. (Aricia)</i> , *Geol. Survey, Vict. Dec. III. 1876, p. 40, t. 30, f. 2—2 c; <i>Cypræa</i> , Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 33.	Bird Rock Point, Vict. Table Cape, Tas.

Genus *Cypræovula*, *Gray*, 1824. (Zool. Jour. i. p. 75; Adams, Genera, 1854, p. 267; Gray, Guide Brit. Mus. 1857, pt. 1, p. 73.)—*Prosobr.-Cypræidæ*.

<i>C. eximia</i> , <i>G. B. Sowerby</i> .		Vide <i>Cypræa eximia</i> .	
---	--	-----------------------------	--

Genus *Daphnella*, *Hinds*, 1844. (Zool. Voy. H.M.S. Sulphur, II. Mollusca, p. 25; Adams, Genera, 1853, i. p. 97.)—*Prosobr.-Turritidæ*.

<i>D. columbelloides</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 53.	Table Cape, Tas.
<i>D. gracillima</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 54.	Table Cape, Tas.
<i>D. tenuisculpta</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 54.	Table Cape, Tas.

Genus *Delphinula*, *Lamarck*, 1804 (see p. 114).—*Prosobr.-Turbinidæ*.

<i>D. tetragonostoma</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 44.	
---	--------------------	--	--

Genus *Dentalium*, *Linnaeus*, 1740 (see p. 81).—*Prosobr.-Dentaliidæ*.

<i>D. Kickxii</i> , <i>Nyst</i> .	Table Cape Series (L. or M. Ter.?).	*Descrip. Coq. Polyp. Foss. Terr. Tert. Belg. 1843, pt. 2, p. 342, t. 36, f. 1; Bull. Soc. Geol. xrv. p. 454; <i>D. Mississippensis</i> (Conrad), M'Coy, Annals Nat. Hist. 1865, xvi. p. 114; <i>D. Kickxii</i> (Nyst), et <i>D. Mississippensis</i> (Conrad), <i>id. ibid.</i> 1867, xx. p. 193; <i>D. Kickxii</i> , M'Coy, Smyth's Progress Report, 1874, p. 36; <i>id.</i> Woods, *Proc. R. Soc. Tas. for 1875 (1876), p. 15; <i>id.</i> Deshayes, *Descrip. Anim. sans Vertèbres, II. p. 207, Atlas, t. 3, f. 1—4.	Table Cape, Tas. Victoria.
-----------------------------------	-------------------------------------	--	----------------------------

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>D. lacteum</i> , Deshayes.	Table Cape Series (L. or M. Ter.?).	*Mon. Dentalium, p. 42, t. 2, f. 28; Deshayes and Edwards, Lamarck's Histoire Nat. Anim. s. Vert. 1838, v. p. 597; Catlow and Reeve, Conch. Nomenclator, 1845, p. 91; Tenison-Woods, *Proc. R. Soc. Tas. for 1875 (1876), p. 17.	Table Cape, Tas.
Genus <i>Emarginula</i> , Lamarck, 1801. (Système, p. 67; Histoire, 1822, vi. p. 5; Adams, Genera, 1854, i. p. 452; Stoliczka, Pal. Indica, ii. p. 391.) <i>Prosobr.-Fissurellidæ</i> .			
<i>E. transenna</i> , Tenison-Woods.	Table Cape Series (L. or M. Ter.?).	*Notes, Tertiary Foss. Tas. 1876, p. 51; ? <i>E. dilecta</i> , Angas (non A. Adams), Proc. Zool. Soc. 1867, p. 219.	Table Cape, Tas.
Genus <i>Eulima</i> , Risso, 1826. (Hist. Nat. Europe Mérid. iv. p. 123; Adams, Genera, 1853, i. p. 236.)— <i>Prosobr.-Eulimidæ</i> .			
<i>E. subulata</i> , Donovan.	Table Cape Series; Hamilton Series (L. or M. Ter.?).	<i>Turbo</i> , Nat. Hist. Brit. Shells, 1803, v. t. 172; <i>Helix</i> , Montagu, Test. Brit., Supp. 1808, p. 142; <i>Phasianella</i> , Fleming, Brit. Animals, 1828, p. 301; <i>Eulima</i> , Catlow and Reeve, Conch. Nomenclator, 1845, p. 209; <i>id.</i> Deshayes and M. Edwards, Lamarck's Hist. Nat. Anim. s. Vertéb. 1838, viii. p. 455; <i>id.</i> Searles Wood, *Mon. Crag. Moll. 1848, pt. 1, p. 97; <i>id.</i> Forbes and Hanley, *Hist. Brit. Moll. 1853, iii. p. 235, t. 92, f. 7 and 8; <i>id.</i> Hörnes, *Foss. Moll. Tert.-Beckens Wien, 1856, 1 Bd. p. 547, t. 49, f. 20, a—c; <i>id.</i> Gwyn-Jeffreys, *Brit. Conch. 1867, iv. p. 208; <i>Eulimella</i> , Tenison-Woods, Notes, Tertiary Foss. Tas. 1876, p. 50.	Table Cape, Tas. Muddy Creek, near Hamilton, Vict.
Genus <i>Fissurella</i> , Bruguière, 1789. (Encycl. Méthod. i. p. xiv.; Lamarck, Prodrome, 1799, p. 78; <i>id.</i> Système, 1801, p. 69; <i>id.</i> Histoire, 1822, vi. pt. 2, p. 8; Stoliczka, Pal. Indica, ii. p. 392; Adams, Genera, 1854, i. p. 445.) <i>Prosobr.-Fissurellidæ</i> .			
<i>F. concatenata</i> , Crosse.	Table Cape Series (L. or M. Ter.?).	*Jour. de Conchy. 1864, xii. p. 348; Woods, Notes, Tertiary Foss. Tas. 1876, p. 50.	Table Cape, Tas.

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Fusus , <i>Klein</i> , 1753. (Tent. Meth. Ostrac. pt. 1, p. 60; Lamarck, <i>Prodrome</i> , 1799, p. 73; <i>id.</i> <i>Système</i> , 1801, p. 82; <i>id.</i> <i>Histoire</i> , 1822, vii. p. 121; Adams, <i>Genera</i> , 1853, i. p. 78; Stoliczka, <i>Pal. Indica</i> , ii. p. 117.) <i>Prosobr.-Muricidæ</i> .			
<i>F. gracillimus</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875, p. 22.	Table Cape, <i>Tas.</i>
<i>F. Johnstonii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 42.	Table Cape, <i>Tas.</i>
<i>F. Meredithii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), f. 6.	Table Cape, <i>Tas.</i>
<i>F. pagodoides</i> , <i>M'Coy</i> (ms.).	Table Cape Series.	Smyth's Progress Report, 1874, p. 35.	Schnapper Point, <i>Vict.</i>
<i>F. Roblini</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 22, f. 7.	Table Cape, <i>Tas.</i>
<i>F. Tateana</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 42.	Table Cape, <i>Tas.</i>
<i>F. transenna</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 42.	Table Cape, <i>Tas.</i>

Genus **Gibbula** (*Leach*), *Risso*, 1826. (*Hist. Nat. Europe Mérid.* iv. p. 134; Adams, *Genera*, 1854, i. p. 431; Stoliczka, *Pal. Indica*, ii. p. 361.)

Prosobr.-Turbinidæ.

<i>G. æquisulcata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 46.	Table Cape, <i>Tas.</i>
<i>G. Clarkei</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 62.	Table Cape, <i>Tas.</i>
<i>G. crassigranosa</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 46.	Table Cape, <i>Tas.</i>

Genus **Haliotis**, *Linnaeus*, 1758. (*Systema*, ed. 10, p. 779; Lamarck, *Système*, 1801, p. 96; *Histoire*, 1822, vi. pt. 2, p. 212; Adams, *Genera*, 1854, i. p. 440.)

Prosobr.-Haliotidæ.

<i>H. Flemingtonensis</i> , <i>M'Coy</i> (ms.).	Flemington Series (= L. Pliocene?).	Geol. Survey, Vict. Dec. iii. 1876, p. 25.	Flemington, <i>Vict.</i>
<i>H. Mooraboolensis</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	*Geol. Survey, Vict. Dec. iii. p. 25, t. 25, f. 3—3 b.	Moorabool River, near Maud, <i>Vict.</i>
<i>H. nævosoides</i> , <i>M'Coy</i> .	Flemington Series (= L. Pliocene?).	*Geol. Survey, Vict. Dec. iii. p. 27, t. 26, f. 1—2 a.	Flemington, <i>Vict.</i>
<i>H. ovinoides</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	*Geol. Survey, Vict. Dec. iii. p. 24, t. 25, f. 2—2 b.	Moorabool River, near Maud, <i>Vict.</i>

Genus **Infundibulum**, *Montfort*, 1810 (*Conch. Syst.* ii. p. 166; Stoliczka, *Pal. Indica*, ii. p. 316) = *Trochita*, Schum. 1817.—*Prosobr.-Calyptreidæ*.

<i>I. calyptreiformis</i> , <i>Deshayes</i> .	Table Cape Series (L. or M. Ter.?).	<i>Trochita</i> , Johnston, Notes, Tertiary Beds, Table Cape, Tas. for 1876, p. 34.	Table Cape, <i>Tas.</i>
---	-------------------------------------	---	-------------------------

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Liotia</i> , <i>J. E. Gray</i> , 1842. (Synop. Contents Brit. Mus. p. 57; Adams, Proc. Zool. Soc. 1850, p. 50; <i>id.</i> Genera, 1854, i. p. 404; Stoliczka, Pal. Indica, ii. p. 350.)— <i>Prosobr.-Liotidæ</i> .			
<i>L. discoidea</i> , <i>Reeve</i> .	Table Cape Series (L. or M. Ter.?).	Adams, Genera, 1854, i. p. 404; Woods, Notes, Tertiary Foss. Tas. for 1876, p. 50.	Table Cape, <i>Tas.</i>
<i>L. lamellosa</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 44.	Table Cape, <i>Tas.</i>
Genus <i>Mangelia</i> (<i>Leach</i>), <i>Risso</i> , 1826. (Hist. Nat. Europe Mérid. iv. p. 219; Adams, Genera, 1853, i. p. 99.)— <i>Prosobr.-Pleurotomidæ</i> .			
<i>M. gracililirata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 54.	Table Cape, <i>Tas.</i>
Genus <i>Margarita</i> , <i>Leach</i> , 1819. [Jour. Phys. LXXXVIII. p. 464; Stoliczka, Pal. Indica, ii. p. 368; Adams, Genera, 1854, i. p. 433 (non Leach, 1814).]— <i>Prosobr.-Turbinidæ</i> .			
<i>M. Kekwickii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 45.	Table Cape, <i>Tas.</i>
Genus <i>Marginella</i> , <i>Lamarck</i> , 1799. (Prodrome, p. 70; Système, 1801, p. 75; Histoire, 1822, vii. p. 354; Adams, Genera, 1853, i. p. 190.)— <i>Prosobr.-Volutidæ</i> .			
<i>M. octoplicata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 57.	Table Cape, <i>Tas.</i>
<i>M. strombiformis</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 57.	Table Cape, <i>Tas.</i>
<i>M. Wentworthii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 57.	Table Cape, <i>Tas.</i>
Genus <i>Mitra</i> , <i>Lamarck</i> , 1799. (Prodrome, p. 70; Système, 1801, p. 74; Histoire, 1822; vii. p. 297; Adams, Genera, 1853, i. p. 168.)— <i>Prosobr.-Volutidæ</i> .			
<i>M. sp. ind. (a)</i> .	Murray River Series, &c.	Sturt, Two Expds. Int. S. Austr. 1832, ii. p. 255, t. 3, f. 23; Woods, Geol. Obs. S. Austr. 1862, p. 78.	Murray R. Cliffs, and Mount Gambier, <i>S. Austr.</i>
<i>M. sp. ind. (b)</i> .	Murray River Series, &c.	Sturt, <i>loc. cit.</i> f. 24.	Murray R. Cliffs, <i>S. Australia</i> .
Genus <i>Murex</i> , <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 746; Lamarck, 1801; Système, p. 81; <i>id.</i> Histoire, 1822, vii. p. 155; Adams, Genera, 1853, i. p. 70.)— <i>Prosobr.-Muricidæ</i> .			
<i>M. asper</i> , <i>Tenison-Woods</i> .	Mt. Gambier Series (L. or M. Ter.?).	Geol. Obs. S. Austr. 1862, p. 83, fig. (? = <i>M. asper</i> , Brander, Foss. Hantonensia, 1766, p. 35, t. 3, f. 77—79).	Mount Gambier, <i>S. Australia</i> .

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>M. Eyeri</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 41.	Table Cape, <i>Tas</i> .
<i>M.?</i> <i>sp. ind.</i>	Murray River Series (L. or M. Ter.?).	Sturt, Two Expeds. Int. S. Austr. 1832, II. p. 255, t. 3, f. 21; Woods, Geol. Obs. S. Austr. 1862, p. 78, fig.	Murray R. Cliffs, and Mount Gambier, <i>S. Austr.</i>

Genus *Natica*, *Adanson*, 1757 (see p. 114).—*Prosobr.-Naticidae*.

<i>N. ovata</i> , <i>Hutton</i> .	Table Cape Series (L. or M. Ter.?).	*Cat. Tert. Moll. N. Zealand, 1873; p. 9; Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 17.	Table Cape, <i>Tas</i> .
<i>N. polita</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 23.	Table Cape, <i>Tas</i> .
<i>N. vixumbilicata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 59.	Table Cape, <i>Tas</i> .
<i>N. Wintlei</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 23.	Table Cape, <i>Tas</i> .
<i>N. sp. ind. (a)</i> .	Murray River Series.	Sturt, Two Expeds. Int. S. Austr. 1832, II. p. 255, t. 3, f. 17.	Murray R. Cliffs, <i>S. Australia</i> .
<i>N. sp. ind. (b)</i> .	Murray River Series.	Sturt, Two Expeds. Int. S. Austr. 1832, II. p. 255, t. 3, f. 18.	Murray R. Cliffs, <i>S. Australia</i> .

Genus *Pleurotoma*, *Lamarck*, 1799. (Prodrome, p. 73; Système, 1801, p. 84; Histoire, 1822, VII. p. 90; Stoliczka, Pal. Indica, II. p. 67.)*Prosobr.-Pleurotomidae*.

<i>P. Johnstonii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 53.	Table Cape, <i>Tas</i> .
<i>P. paracantha</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 53.	Table Cape, <i>Tas</i> .
<i>P. pullulascens</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 52.	Table Cape, <i>Tas</i> .
<i>P. sandleroides</i> , <i>Tenison-Woods</i> .	Table Cape Series.	<i>Pleurot. (? Mangelia)</i> , *Notes Tertiary Foss. Tas. 1876, p. 52.	Table Cape, <i>Tas</i> .

Genus *Pleurotomaria*, *DeFrance*, 1824 (see p. 85).

<i>P. Australis</i> , <i>M'Coy</i> (ms.).	Schnapper Pt. Series = Oligocene (L. Ter.).	Annals Nat. Hist. 1867, xx. p. 194; Smyth's Progress Report, 1874, p. 35.	Schnapper Point, <i>Vict.</i>
<i>P. Tertiaria</i> , <i>M'Coy</i> .		*Annals Nat. Hist. 1875, xvi. p. 101; *Geol. Survey, Vict. Dec. III. 1876, p. 23, t. 25, f. 1—1 b.	Moorabool R. <i>Vict.</i>

Genus *Pyramidella*, *Lamarck*, 1799 (Prodrome, p. 76; Stoliczka, Pal. Ind. II. p. 172; Adams, Genera, 1853, I. p. 228) = *Pyramidellus*, Montfort.*Prosobr.-Pyramidellidae*.

<i>P. Roberti</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	*Notes, Tertiary Foss. Tas. 1876, p. 62.	Table Cape, <i>Tas</i> .
--	-------------------------------------	--	--------------------------

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Pyrula</i> , Lamarek, 1799. (Prodrome, p. 73; Système, 1801, p. 82.)— <i>Prosobr.</i>			
<i>P.?</i> <i>sp. ind.</i>	Murray River Series (L. or M. Ter.?).	? <i>Cyprea</i> , Sturt, Two Expds. Int. S. Austr. 1832, II. p. 255, t. 3, f. 25; <i>Pyrula</i> , Woods, Geol. Obs. S. Austr. 1862, p. 78, fig.	Murray R. Cliffs, S. Australia.
Genus <i>Rissoa</i> , Fréminville, 1814. (Bull. Soc. Philomatique, IV.; Adams, Genera, 1854, I. p. 329; Stoliczka, Pal. Indica, II. p. 277.)— <i>Prosobr.-Rissoidæ</i> .			
<i>R. Stevensiana</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 48.	Table Cape, Tas.
Genus <i>Rissoina</i> , d'Orbigny, 1840 (see p. 114).— <i>Prosobr.-Rissoidæ</i> .			
<i>R. Johnstoni</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 49.	Table Cape, Tas.
<i>R. Tateana</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 62.	Table Cape, Tas.
<i>R. varicifera</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 49.	Table Cape, Tas.
Genus <i>Syrnola</i> , A. Adams, 1860. (Annals Nat. Hist. v. p. 405; Proc. Zool. Soc. 1862, p. 233; Stoliczka, Pal. Indica, II. p. 173.)— <i>Prosobr.-Pyramidellidæ</i> .			
<i>S. bifasciata</i> , Tenison-Woods.	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876)!, Notes, Tertiary Foss. Tas. 1876, p. 47.	Table Cape, Tas.
Genus <i>Tenagodus</i> , Guettard, 1774 (or 1770? Mem. Sci. et Arts, III. p. 128; Möreh, Proc. Zool. Soc. 1860, pp. 400 and 402; Adams, Genera, 1854, I. p. 360). <i>Prosobr.-Vermetidæ</i> .			
<i>T. oclusus</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 48.	Table Cape, Tas.
Genus <i>Terebra</i> , Adanson, 1757. (Hist. Nat. Sénégal, Ier. pt. p. 49; Lamarek, Prodrome, 1799, p. 71; Adams, Genera, I. 1853, p. 226.) <i>Prosobr.-Terebridæ</i> .			
<i>T. additoides</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 43.	Table Cape, Tas.
<i>T. simplex</i> , Tenison-Woods.	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 21.	Table Cape, Tas.
Genus <i>Thala</i> , H. and A. Adams, 1853. (Genera of Shells, I. p. 178.) <i>Prosobr.-Mitridæ</i> .			
<i>T. marginata</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 56.	Table Cape, Tas.

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Thalotia , <i>J. E. Gray</i> , 1840. (Synop. Contents Brit. Mus. !; Adams, Genera, 1854, i. p. 420.)— <i>Prosobr.-Turbinidæ</i> .			
<i>T. alternata</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 45.	Table Cape, <i>Tas.</i>
Genus Torinia , <i>J. E. Gray</i> , 1840. (Synop. Contents Brit. Mus. !; Adams, Genera, 1854, i. p. 242; Stoliczka, Pal. Indica, ii. p. 249.)— <i>Prosobr.-Solariidæ</i> .			
<i>T. gibbuloides</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 45.	Table Cape, <i>Tas.</i>
Genus Triton , <i>Montfort</i> , 1810. (Conch. Syst. ii. p. 587.) Vide <i>Tritonium</i> , <i>Link</i> .			
<i>T. Abboti</i> , <i>Tenison-Woods</i> .		Vide <i>Tritonium</i> .	
<i>T. minimum</i> , <i>Tenison-Woods</i> .		Vide <i>Tritonium</i> .	
Genus Tritonium , <i>Link</i> , 1807 (Adams, Genera, 1853, i. p. 101)= <i>Triton</i> , <i>Montfort</i> . <i>Prosobr.-Tritoniidæ</i> .			
<i>T. Abboti</i> , <i>Tenison-Woods</i> .	Table Cape Series.	<i>Triton</i> . *Proc. R. Soc. Tas. for 1875 (1876), p. 24, f. 8.	Table Cape, <i>Tas.</i>
<i>T. minimum</i> , <i>Tenison-Woods</i> .	Table Cape Series.	<i>Triton</i> . *Notes, Tertiary Foss. Tas. 1876, p. 55.	Table Cape, <i>Tas.</i>
Genus Trivia , <i>Gray</i> , 1832. (Descrip. Cat. Shells, Cowries, p. 13; Adams, Genera, 1854, i. p. 268.)— <i>Prosobr.-Cypræidæ</i> .			
<i>T. avellanoides</i> , <i>M'Coy</i> .	Schnapper Pt. Series=Oligocene (L. Ter.). Hamilton Series (L. or M. Ter.?).	Exhib. Essay, 1861, p. 169; <i>Annals Nat. Hist.</i> 1862, ix. p. 146; <i>ibid.</i> 1867, xx. p. 194; <i>Cypræa</i> , <i>ibid.</i> id. p. 436; <i>Trivia</i> , <i>Smyth's Progress Report</i> , 1874, p. 35; <i>Cypræa</i> , <i>Geol. Survey, Vict.</i> Dec. iii. 1876, p. 36, t. 28, f. 3 a—c.	Schnapper Point, and Muddy Ck. <i>Vict.</i>
<i>T. Europea</i> , <i>Montagu</i> .	Table Cape Series (L. or M. Ter.?).	*Test. <i>Brit.</i> 1808, p. 88; <i>Cypræa coccinella</i> , <i>Lamarck</i> , * <i>Ann. Museum</i> , 1810, xvi. p. 104; <i>C. Europea</i> , <i>Gray</i> , <i>Zool. Jour.</i> 1827, iii. p. 366; <i>C. coccinella</i> , <i>Nyst</i> , * <i>Descrip. Coq. Foss. Terr. Tert. Belgique</i> , 1843, p. 609; <i>C. Europea</i> , <i>Searles Wood</i> , * <i>Mon. Crag. Moll.</i> 1848, pt. 1, p. 17, t. 2, f. 6; <i>ibid.</i> <i>Hörnes</i> , * <i>Foss. Moll. Tert.-Beckens Wien</i> , 1856, 1 Bd. p. 73, t. 8, f. 15; <i>ibid.</i> <i>Fleming</i> , * <i>Brit. Animals</i> , 1828, p. 330; <i>ibid.</i> <i>Forbes</i>	Table Cape, <i>Tas.</i>

(Gasteropoda.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		and Hanley, *Hist. Brit. Moll. 1853, iii. p. 495, t. 114 a, f. 6—9, t. N. N. f. 5—7; <i>ibid.</i> Gwyn-Jeffreys, *Brit. Con. 1867, iv. p. 403; <i>Trivia</i> , H. and A. Adams, Genera, 1854, i. p. 268; <i>ibid.</i> Woods, Notes, Tert. Foss. Tas. 1876, p. 57.	

Genus **Trochita**, Schumacher, 1817. (Essai Nouv. Syst. Hab. Vers. Test. 1817, p. 184.) Vide *Infundibulum*, Montfort.—*Prosobr.-Calyptæridæ*.

<i>T. calyptæformis</i> , Deshayes.		Vide <i>Infundib. calyptæformis</i> .	
-------------------------------------	--	---------------------------------------	--

Genus **Trochus**, Linnæus, 1758 (see p. 87).—*Prosobr.-Turbinidæ*.

<i>T. Josephi</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 45.	Table Cape, Tas.
<i>T. ? sp. ind.</i>	Murray River Series, &c. (L. or M. Ter.?).	Sturt, Two Expds. Int. S. Austr. 1832, ii. p. 255, t. 3, f. 19; Woods, Geol. Obs. S. Austr. 1862, p. 77, fig.	Murray R. Cliffs, and Mount Gambier, S. Austr.

Genus **Turbo**, Linnæus, 1758 (see p. 87).—*Prosobr.-Turbinidæ*.

<i>T. Etheridgei</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 46.	Table Cape, Tas.
---------------------------------------	--------------------	--	------------------

Genus **Turbonilla** (Leach), Risso, 1826 (Hist. Nat. Europe Merid. iv. p. 224; Stoliczka, Pal. Indica, ii. p. 174; Meek, Cret. Invert. Foss. Up. Missouri, 1876, p. 337) = *Chemnitzia*, d'Orb. 1839.—*Prosobr.-Pyramidellidæ*.

<i>T. limæcostata</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 49.	Table Cape, Tas.
<i>T. pagoda</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 49.	Table Cape, Tas.

Genus **Turritella**, Lamarck, 1799 (see p. 88).—*Prosobr.-Turritellidæ*.

<i>T. Sturtii</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 47.	Table Cape, Tas.
<i>T. Tasmanica</i> , Tenison-Woods.	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 17.	Table Cape, Tas.
<i>T. Warburtonii</i> , Tenison-Woods.	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 47.	Table Cape, Tas.
<i>T. sp. ind. (a)</i> .	Murray River Series, &c. (L. or M. Ter.?).	Sturt, Two Expds. Int. S. Austr. 1832, ii. p. 255, t. 3, f. 20; <i>T. terebralis</i> , Woods, Geol. Obs. S. Austr. 1862, p. 83, fig.	Murray R. Cliffs, and Mount Gambier, S. Austr.
<i>T. sp. ind. (b)</i> .	"Turritella limestone."	Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 36.	Flinders' Island, Bass' Straits.

(Gasteropoda.)		(Tertiary.)	
Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Typhis</i> , <i>Montfort</i> , 1810. (Conch. Syst. ii. p. 615; Adams, Genera, 1853, i. p. 76; Stoliczka, Pal. Indica, ii. p. 128.)— <i>Prosobr.-Muricidæ</i> .			
<i>T. M'Coyi</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 22.	Table Cape, <i>Tas.</i>
Genus <i>Vermetus</i> , <i>Adanson</i> , 1757. (Hist. Nat. Sénégal, p. 160; Mörch. Proc. Zool. Soc. 1861, p. 334; Lamarck, Histoire, 1822, vii. p. 224; Adams, Genera, 1854, i. p. 357; Stoliczka, Pal. Indica, ii. p. 239.)— <i>Prosobr.-Vermetidæ</i> .			
<i>V. conohelix</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 48.	Table Cape, <i>Tas.</i>
Genus <i>Voluta</i> , pars, <i>Linnaeus</i> , 1758. (Systema, ed. 10, p. 729; Lamarck, Prodrome, 1799, p. 70; Adams, Genera, 1853, i. p. 164.)— <i>Prosobr.-Volutidæ</i> .			
<i>V. anticingulata</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.), &c.	*Annals Nat. Hist. 1866, xviii. p. 379; <i>ibid.</i> 1867, xx. p. 193; Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. i. 1874, p. 24, t. 6, f. 2—4; Johnston, Notes, Tertiary Beds, Table Cape, <i>Tas.</i> 1876, p. 33.	Schnapper Point, and Bird Rock, near Geelong, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>V. antiscalaris</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.), &c.	*Annals Nat. Hist. 1866, xviii. p. 378; <i>ibid.</i> 1867, xx. p. 194; Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. i. 1874, p. 26, t. 6, f. 5; Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 16.	Mount Martha; Moolap; Fyan's Ford, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>V. Hannafordi</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.), &c.	*Annals Nat. Hist. 1866, xviii. p. 375; <i>ibid.</i> 1867, xx. p. 194; Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. i. 1874, p. 23, t. 6, f. 1; *Dec. iv. 1876, p. 25, t. 37, f. 1; Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 16.	Mounts Martha and Eliza; Fyan's Ford; Muddy Ck.; Port Fairy, <i>Vict.</i>
<i>V. M'Coyi</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 43.	Table Cape, <i>Tas.</i>
<i>V. macroptera</i> , <i>M'Coy</i> .	M. Ter. (Miocene?). Table Cape Series (L. or M. Ter.).	*Annals Nat. Hist. 1866, xviii. p. 375; <i>ibid.</i> 1867, xx. p. 194; Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. i. 1874, p. 29, t. 7, figs. 1—4; Woods, Proc. R. Soc. Tas. for 1875 (1876), p. 16.	Bird Rock, near Geelong, <i>Vict.</i> Table Cape, <i>Tas.</i>
<i>V. strophodon</i> , <i>M'Coy</i> .	Schnapper Pt. Series = Oligocene (L. Ter.).	Smyth's Progress Report, 1874, p. 35; *Geol. Survey, Vict. Dec. iv. 1876, p. 25, t. 37, f. 2—4 c.	Schnapper Point, <i>Vict.</i>
<i>V. Weldii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Proc. R. Soc. Tas. for 1875 (1876), p. 24, f. 2.	Table Cape, <i>Tas.</i>

(Cephalopoda—Pisces.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Ziziphinus</i> (<i>Leach</i> , ms. 1819). <i>Gray</i> , 1840. (Fig. Moll. Animals, iv. p. 145; <i>Stoliczka</i> , Pal. Indica, ii. p. 365; <i>Adams</i> , Genera, 1854, i. p. 421.) <i>Prosobr.-Turbinidæ</i> .			
<i>Z. Blaxlandii</i> , <i>Tenison-Woods</i> .	Table Cape Series.	*Notes, Tertiary Foss. Tas. 1876, p. 44.	Table Cape, <i>Tas.</i>

Class—Cephalopoda. Orders—Di- and Tetrabranchiata.

Genus *Aturia*, *Bronn*, 1838 (*Lethæa*, Geog. ii. p. 1122; *F. E. Edwards*, Mon. Eocene Moll. pt. 1, 1849, Ceph. p. 51) = *Megasiphonia*, d'Orb.—*Nautilidæ*.

<i>A. Australis</i> , <i>M'Coy</i> .		Vide <i>A. ziczac</i> , <i>J. Sow</i> .	
<i>A. ziczac</i> , <i>J. Sowerby</i> .	Mt. Gambier Series (L. or M. Ter.?). M. Ter. (Miocene?).	<i>Nautilus</i> , *Min. Con. i. p. 12, t. 1, lower fig.; <i>Aturia</i> , <i>Edwards</i> , *Mon. Eocene Moll. pt. 1, Ceph. 1849, p. 52, t. 9, f. 1; <i>Nautilus</i> , <i>Tenison-Woods</i> , Geol. Obs. S. Austr. 1862, p. 83, fig.; <i>A. Australis</i> , <i>M'Coy</i> , Annals Nat. Hist. 1867, xx. p. 192; <i>id.</i> <i>Smyth's Progress Report</i> , i. 1874, p. 36; <i>A. ziczac</i> , var. <i>Australis</i> , <i>M'Coy</i> , *Geol. Survey, Vict. Dec. iii. 1876, p. 21, t. 24, f. 1—5.	Mount Gambier, <i>S. Australia</i> . Bird Rock Point; Point Addis; Flemington; Mordialloc, &c. <i>Vict.</i>

Genus *Belemnites* (*Agricola*).—*Belemnitidæ*.

<i>B. senescens</i> , <i>Tate</i> .	M. Ter. (Miocene?).	*Quart. Jour. Geol. Soc. 1877, xxxiii. p. 257, f. 1.	Aldinga, <i>S. Austr.</i>
-------------------------------------	---------------------	--	---------------------------

Genus *Nautilus*, *Breynius*, 1732 (see p. 90).—*Nautilidæ*.

<i>N. ziczac</i> , <i>J. Sowerby</i> .	Vide <i>Aturia</i> .
--	----------------------

Sub-kingdom—Vertebrata. Class—Pisces.

Order—Elasmobranchii or Placoidei.

Genus *Carcharodon* (*A. Smith*), *L. Agassiz*, 1843. (*Pois. Foss.* iii. p. 245; *Henle* and *Corda*, Systemat. Beschreibung Plagios. 1841, p. 70; *Gunther*, Cat. Fishes, Brit. Mus. 1876, viii. p. 391.)—*Selachii*.

<i>C. angustidens</i> , <i>Agassiz</i> .	M. Ter. (Miocene?). Table Cape Series (L. or M. Ter.?).	* <i>Pois. Foss.</i> iii. p. 225, t. 28, figs. 20—25, t. 30, f. 3; <i>M'Coy</i> , Annals Nat. Hist. 1865, xvi. p. 113; <i>ibid. id.</i> 1867, xx. p. 192; <i>ibid.</i> <i>Smyth's Progress Report</i> , i. 1874, p. 35; <i>ibid.</i> *Geol. Survey, Vict. 1875, Dec. ii. p. 8, t. 11, figs. 2 and 3; <i>Johnston</i> , Notes, Tertiary Beds, Table Cape, <i>Tas.</i> 1876, p. 34.	Bird Rock, near Geelong, <i>Vict.</i> Table Cape, <i>Tas.</i>
--	--	---	--

(Pisces—Mammalia.)		(Tertiary.)	
Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>C. megalodon</i> , <i>Agassiz</i> .	M. Ter. (Miocene?).	*Poiss. Foss. iii. p. 247, t. 29; M'Coy, Annals Nat. Hist. 1865, xvi. p. 113; <i>ibid. id.</i> 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35; <i>ibid.</i> *Geol. Survey, Vict. 1875, Dec. ii. p. 9, t. 11, f. 4.	Bird Rock, near Geelong, Vict.

Genus **Lamna**, *Cuvier*, 1817. (Règne Animal, ii. p. 126; Agassiz, Poiss. Foss. 1843, iii. p. 287.)—*Selachii*.

<i>L. contortidens</i> , <i>Agassiz</i> .		*Poiss. Foss. iii. p. 294, t. 37 a, figs. 17—32; M'Coy, Annals Nat. Hist. 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35.	Victoria.
<i>L. denticulata</i> , <i>Agassiz</i> .		*Poiss. Foss. iii. p. 291, t. 37 a, figs. 51—53; M'Coy, Annals Nat. Hist. 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35.	Victoria.
<i>L. elegans</i> , <i>Agassiz</i> .	Table Cape Series.	*Poiss. Foss. iii. p. 289, t. 35, figs. 1—7, t. 37 a, figs. 58 and 59; M'Coy, Annals Nat. Hist. 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35; Johnston, Notes, Tertiary Beds, Table Cape, Tas. 1876, p. 34.	Table Cape, Tas. Victoria.

Genus **Otodus**, *Agassiz*, 1843. (Poiss. Foss. iii. p. 266.)—*Selachii*.

<i>O. Desori</i> , <i>Agassiz</i> .		M'Coy, Annals Nat. Hist. 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35.	Victoria.
-------------------------------------	--	--	-----------

Genus **Oxyrhina**, *Agassiz*, 1843. (Poiss. Foss. iii. p. 276.)—*Selachii*.

<i>O. trigonodon</i> , <i>Agassiz</i> .		*Poiss. Foss. iii. p. 279, t. 37, figs. 17 and 18; M'Coy, Annals Nat. Hist. 1867, xx. p. 192; <i>ibid.</i> Smyth's Progress Report, i. 1874, p. 35.	Victoria.
<i>O. Woodsii</i> , <i>M'Coy</i> .	Mt. Gambier Series (M. or L. Ter.?).	Woods, Geol. Obs. S. Austr. 1862, p. 80, fig.	Mount Gambier, S. Australia.

Class—Mammalia. *Section*—Implacentalia. *Order*—Marsupialia.

Genus **Bettongia**, *Gray*, 1837. (Annals Nat. Hist. i. p. 584.)—*Pephaga-Macropodidae*.

<i>B. cuniculoides</i> , <i>M'Coy</i> .		Geol. Survey, Vict. Section $\frac{1}{2}$ sheet, 14 N. W. note 12.	Loddon River, near Dunolly, Vict.
--	--	--	-----------------------------------

(Mammalia.)

(Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Nototherium , <i>Owen</i> , 1845. (Brit. Ass. Rept. for 1844, p. 231.) <i>Carpophaga-Phalangistidae</i> .			
<i>N. sp. ind.</i>	U. Ter. (Miocene?).	M'Coy, in Smyth's Progress Report, i. 1874, p. 35.	
Genus Phascolomys , <i>Geoffroy</i> , 1803. (Ann. Museum, ii. p. 365.) <i>Rhizophaga-Phascolomyda</i> .			
<i>P. Pliocenus</i> , <i>M'Coy</i> .	Gold Drift (Pliocene?).	Ex. Essay, 1861, p. 168; Annals Nat. Hist. 1862, ix. p. 145; <i>ibid.</i> 1867, xx. p. 190; Smyth, Geol. Mag. 1872, ix. p. 336; M'Coy in Smyth's Progress Report, i. 1874, p. 36; <i>id.</i> *Geol. Survey, Vict. Dec. i. 1874, p. 21, t. 3, 4 and 5; <i>id.</i> Couchman's Progress Report, 1877, iv. p. 156.	Dunolly; Loddon Riv. nr. Dunolly; Bet-Bet Creek, Vict.

Genus **Sarcophilus**, *F. Cuvier*, 1838. (Hist. Nat. Mammif. vii. 70me Livre, p. 2.)
Sarcophaga.

<i>S. ursinus</i> , <i>Harris</i> .	Gold Drift (Pliocene?).	<i>Didelphis</i> , *Trans. Linn. Soc. ix. p. 176, t. 19, f. 2; <i>Sarcophilus</i> , M'Coy, Geol. Survey, Vict. Section $\frac{1}{2}$ sheet, 14 N.W. note 12; <i>id.</i> Annals Nat. Hist. 1867, xx. p. 191.	Loddon River, near Dunolly, Vict.
-------------------------------------	-------------------------	---	-----------------------------------

Section—Placentalia. Order—Cetacea.

Genus **Squalodon**, *Grateloup*, 1840 (Actes Soc. Linn. Bordeaux, no. 56, p. 346)
? = *Phocodon*, Ag.—*Zeuglodontidae*.

<i>S. Wilkinsoni</i> , <i>M'Coy</i> .	M. Ter. (Miocene?).	*Geol. Mag. 1864, iv. p. 145, t. 8, f. 1; <i>Seals Tooth</i> , Wilkinson, Geol. Rept. C. Otway, Dist. 1865, p. 23; <i>Phocodon</i> , M'Coy, Annals Nat. Hist. 1867, xx. p. 191; <i>ibid.</i> <i>id.</i> Smyth's Progress Report, 1874, p. 36; <i>Squalodon</i> , <i>ibid.</i> *Geol. Survey, Vict. 1875, Dec. ii. p. 7, t. 11, f. 1; <i>id.</i> v. Beneden and P. Gervois, Ostéogr. Cétacés viv. et foss. liv. xiii. p. 442.	W. of Aire River, near Cape Otway, Vict.
--	---------------------	--	--

Order—Carnivora.

Genus **Arctocephalus**, *F. Cuvier*, 1824. (Mém. du Mus. d'Hist. Nat. xi. p. 205;
Diet. Sci. Nat. 1826, xxxix. p. 553; J. E. Gray, Cat. Seals and Whales, Brit.
Mus. 2nd ed. 1866, p. 47; Supp. Cat. *ibid.* 1871, p. 17; Hand List,
ibid. 1874, p. 32.)—*Phocidae*.

<i>A. Williamsi</i> , <i>M'Coy</i> .	U. Ter. (Pliocene?).	*Geol. Survey Vict. Dec. v. 1877, p. 7, t. 41 and 42.	Queenscliff; Cape Otway, Vict.
--------------------------------------	----------------------	---	--------------------------------

POST TERTIARY.

(Brachiopoda—Gasteropoda.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>Sub-kingdom—Mollusca. Section—Molluscoidea. Class—Brachiopoda.</i>			
Genus <i>Terebratella</i> , d'Orbigny, 1847 (see p. 151).— <i>Clistenterata-Terebratulidæ</i> .			
<i>T. compta</i> , G. B. Sowerby.	Raised beach.	<i>Terebratula</i> , Strzelecki's *Phys. Descr. N. S. Wales, p. 297, t. 19, f. 4 (see ante, p. 151, for synonymy).	Port Fairy.

*Section—Mollusca proper. Class—Pelecypoda (Conchifera).*Genus *Venus*, Linnaeus, 1758 (see p. 79).—*Veneracea-Veneridæ*.

<i>V. exalbata</i> , Woods.	P. T. Lime-stone.	Geol. Obs. S. Austr. 1862, p. 190 (? = <i>V. exalbida</i> , Chemnitz. Neues System Conchylum, Cab. xl. 1795, p. 225, t. 20, f. 1974).	Coorong, S. Austr.
<i>V. strigosa</i> , Woods.	Quaternary Deposits.	Trans. R. Soc. Vict. 1868, viii. p. 46 (? = <i>V. strigosa</i> , Lamarck, Hist. Nat. des Anim. s. Vertéb. v. 1818, p. 605).	Guichen Bay, Vict.

*Class—Gasteropoda.*Genus *Bulimus*, Scopoli, 1777. (Introd. Hist. Nat. p. 392; Lamarck, Système, 1801, p. 90; Histoire, 1822, vi. pt. 2, p. 116; Adams, Genera, 1855, ii. p. 146.)
Pulmonifera-Helicidæ.

<i>B. Gunnii</i> , G. B. Sowerby.	Yellow Lime-stone of Hobart Town.	Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 298, t. 19, f. 5.	Hobart Town, Tas.
-----------------------------------	-----------------------------------	--	-------------------

Genus *Bulla*, Klein, 1753 (see p. 159).—*Opisthobranchiata-Bullidæ*.

<i>B. Australis</i> , Quoy.	Quaternary Deposits.	Woods, Trans. R. Soc. Vict. viii. p. 46; Quoy, Voy. de l'Astrolabe, Zoologie, ii. p. 357, Atlas, t. 26, f. 38, 39; Deshayes and M. Edwards, Lamarck's Histoire Nat. Anim. s. Vertéb. 1836, viii. p. 673.	Perth, W. Austr.
-----------------------------	----------------------	--	------------------

Genus *Cerithium*, Adanson, 1757 (see p. 114).—*Prosobranchiata-Cerithiadæ*.

<i>C. sp. ind.</i>	P. T. Lime-stone.	Woods, *Geol. Obs. S. Austr. 1862, p. 190 fig.	Coorong, S. Austr.
--------------------	-------------------	--	--------------------

(Gasteropoda—Reptilia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Cypræa</i> , <i>Linnaeus</i> , 1758 (see p. 161).— <i>Prosobranchiata-Cypræidæ</i> .			
<i>C. eximia</i> , <i>G. B. Sowerby</i> .	Blown Sand (?).	Strzelecki's *Phys. Deser. N. S. Wales and V. D. Land, 1845, p. 296, t. 19, figs. 1—3 (see ante, p. 161, for synonymy).	Franklin's Village, Tas.

Genus *Fusus*, *Klein*, 1758 (see p. 164).

<i>F. colosseus</i> , <i>Tenison-Woods</i> .	Quaternary Deposits.	Trans. R. Soc. Vict. 1868, viii. p. 45 (? = <i>F. colosseus</i> , Lamarck, Histoire Anim. s. Vertéb. 1822, vii. p. 122).	Perth, W. Austr.
--	----------------------	--	------------------

Genus *Helix*, *Linnaeus*, 1758. (Systema, ed. 10, p. 768; Adams, Genera, 1855, ii. p. 188.)
Pulmon.-Helicidæ.

<i>H. Tasmaniensis</i> , <i>G. B. Sowerby</i> .	Yellow Limestone of Hobart Town.	Strzelecki's *Phys. Deser. N. S. Wales, 1845, p. 298, t. 19, f. 6.	Hobart Town, Tas.
---	----------------------------------	--	-------------------

Genus *Truncatella*, *Risso*, 1826. (Europe Mérid. iv. p. 124; Adams, Genera, 1856, ii. p. 310; Pfeiffer, Brit. Mus. Cat. 1857, p. 129.)—*Pulmon.-Truncatellidæ*.

<i>T. filosa</i> , ? <i>M'Coy</i> (ms.).	P. Ter. fresh-water Limestone.	In Taylor's $\frac{1}{2}$ sheet 2, S. W. Geol. Survey, Vict. note.	Moonee Ponds Ck. Vict.
--	--------------------------------	--	------------------------

Sub-kingdom—Vertebrata. Class—Reptilia.

Genus *Chlamydosaurus*, *J. E. Gray*, 1827. (King's Survey, Coasts of Australia, ii. p. 424; Dumbriel et Bibron, Expét. Générale, 1837, iv. p. 440; Gray, Brit. Mus. Cat. Lizards, 1845, p. 248.)—*Lacertilia-Agamidæ*.

<i>C. Bennettii</i> , <i>Owen</i> (ms.).	Quaternary Deposits.	G. Bennett, Proc. R. Soc. Tas. for 1875 (1876) p. 57.	Gowree Station, Darling Downs, Qu.
--	----------------------	---	------------------------------------

Genus *Megalania*, *Owen*, 1858. (Proc. R. Soc. ix. p. 273; Phil. Trans. 1860, cxlix.)
Lacertilia.

<i>M. prisca</i> , <i>Owen</i> .	Quaternary Deposits.	Proc. R. Soc. ix. p. 273; Phil. Trans. 1860, cxlix. p. 43, t. 7, f. 1—4, t. 8, f. 1—4; d'Archia, Faune Quaternaire, 1865, p. 273; Clarke, Remarks Sed. Forms, N. S. Wales, 3rd ed. 1875, p. 52.	Condamine River, Moreton Bay, Qu.
----------------------------------	----------------------	---	-----------------------------------

Notes.—Order, CHELONIA. The carapace of a fresh-water form, about 8 in. in length, has been obtained from the bone caves of Wellington Valley, N. S. Wales. (Krefft, Australian Vert. p. 39.)

SAURIAN REPTILES. From the same caves have also been obtained bones of the following genera: *Hydrosaurus*, *Cyclodus*, *Trachydosaurus*, *Tropidolepisma*, and *Grammatophora*. (Krefft, l. c. p. 49.)

Order, CROCODYLIA. Fossil Crocodile teeth appear to have been first found in Australia by Mr S. Stutchbury. Examples were also found by Mr R. Daintree, in the *Diprotodon-breccia* of Maryvale Creek, N. Q. (Quart. Jour. Geol. Soc. xxviii. p. 274.)

(Aves--Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Class—Aves.

Genus **Dromornis**, *Owen*, 1872. (Proc. Zool. Soc. p. 682; Trans. *id.* 1873, viii. pt. 4, p. 381.)—*Struthionidæ*.

D. Australis , <i>Owen</i> .	Quaternary Deposits (Drift 188 ft. from surface).	<i>Femur of Bird</i> , Mitchell's *Three Exped. Int. of E. Australia, 1838, ii. t. 32, f. 12 and 13; <i>Dinornis</i> , <i>sp.</i> Clarke, Geol. Mag. 1869, vi. p. 383; <i>id. ibid.</i> American Jour. Sc. 1870, XLIX. p. 273; <i>Dromornis Australis</i> , <i>Owen</i> , Proc. Zool. Soc. 1872, p. 682; <i>id.</i> *Trans. <i>ibid.</i> 1873, viii. pt. 4, pp. 381—384, t. 62, f. 1 and 2; <i>Dromornis</i> , <i>sp.</i> Clarke, Remarks Sed. Form. N. S. Wales, 1875, 3rd ed. p. 53; <i>id.</i> Smyth's Progress Report, 1876, iii. p. 47; ? <i>Moa</i> , Krefft, Australian Vertebrata, 1871, p. 37.	Peak Downs, <i>Qu.</i>
D. sp. ind.		<i>Owen</i> , Proc. Zool. Soc. 1877, pt. 1, p. 95.	Canadian Lead, Phillip Co., N. S. Wales. Mt. Gambier Cave, S. Australia.

Class—Mammalia. Section—Implacentalia.

Orders—Monotremata and Marsupialia.

Genus **Belideus**, *Waterhouse*, 1838. (Pro. Zool. Soc. pt. vi. p. 149; Nat. Hist. Mam. 1846, ii. p. 325.)—*Carpophaga-Phalangistidæ*.

B. breviceps , <i>Waterhouse</i> .	<i>Petaurus</i> , *Nat. Hist. Mam. 1846, i. p. 334; <i>Belideus</i> , Krefft, Austr. Vert. 1871, p. 18.	N. S. Wales.
---	---	--------------

Genus **Bettongia**, *J. E. Gray*, 1837 (see p. 172).—*Pæphaga-Macropodidæ*.

B. rufescens , <i>Gray</i> .	Cave-breccia.	*Annals Nat. Hist. 1837, i. p. 584; Gould, Mon. Macropodidæ, 1841, pt. 1, t. 13; <i>Hypsiprymnus</i> , <i>Waterhouse</i> , *Nat. Hist. Mam. 1846, i. p. 196; <i>Bettongia</i> , Krefft, Austr. Vert. 1871, p. 20.	Caves of Wellington Valley, N. S. Wales.
-------------------------------------	---------------	---	--

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Dasyurus</i> , <i>Geoffroy</i> , 1804. (Ann. Museum, III. p. 355; Waterhouse, Nat. Hist. Mam. 1846, I. p. 432.)— <i>Sarcophaga-Dasyuridæ</i> .			
<i>D. affinis</i> , <i>M'Coy</i> .	Cave Deposit.	Geol. Survey, Vict. $\frac{1}{2}$ sheet 7, N. W. note.	Mt. Macedon Caves, Vict.
<i>D. lanianus</i> , <i>Owen</i> .		Vide <i>Sarcophilus</i> .	
<i>D. maculatus</i> , <i>Shaw</i> .	Cave-breccia.	<i>Viverra</i> , *General Zool. 1800, I. pt. 2, p. 433; <i>Dasyurus</i> , Waterhouse, *Nat. Hist. Mam. 1846, I. p. 439; <i>ibid.</i> Krefft, Austr. Vert. 1871, p. 21.	Caves of Wellington Valley, N. S. Wales.
<i>D. viverrinus</i> , <i>Shaw</i> .	Cave-breccia, &c.	<i>Didelphis</i> , *General Zool. 1800, I. pt. 2, p. 491, t. 111; <i>Dasyurus</i> , Waterhouse, *Nat. Hist. Mam. 1846, I. p. 442; <i>ibid.</i> M'Coy, Geol. Survey, Vict. $\frac{1}{2}$ sheet 7, N. W. note; <i>id.</i> Krefft, Austr. Vertebrata, 1871, p. 21; <i>id.</i> <i>ibid.</i> Mams. of Australia, 1871, t. 13.	Caves of Wellington Valley, N. S. Wales. Mt. Macedon Cave, Vict.

Genus *Diabolus*, *J. E. Gray*, 1841. (In Grey's Jour. Two Expeds. N. and N. W. Australia, pp. 400 and 411.)—Vide *Sarcophilus*.

D. ursinus, *Harris*. | Vide *Sarcophilus*.

Genus *Diprotodon*, *Owen*, 1838. (Mitchell's Three Expeds. Int. E. Austr. II. p. 362; Waterhouse, Nat. Hist. Mam. 1846, I. p. 233.)—*Carpophaga-Phalangistidæ*.

<i>D. Australis</i> , <i>Owen</i> .	Cave-breccia, and Quaternary Deposits.	* <i>loc. cit.</i> p. 362, t. 31, f. 1 and 2; Proc. Zool. Soc. 1839, VII. p. 19; Trans. <i>id.</i> 1841, II. p. 332; <i>Mastodontoid Pachyderm</i> . *Annals Nat. Hist. 1843, XI. p. 9, cuts, f. 2 and 3 (non f. 1); <i>Dinotherium</i> , * <i>ibid.</i> <i>id.</i> p. 329, f. 1, p. 330, f. 2; <i>Diprotodon</i> , *Brit. Assoc. Rep. 1844, p. 227; *Odontography, I. p. 399, Atlas, t. 90, f. 1—3; <i>D. Australis</i> , Annals Nat. Hist. 1844, XIV. p. 268; <i>id.</i> *Descrip. Cat. Mammalia and Aves R. Coll. Surgeons, 1845, pp. 291—313, nos. 1460—1504, t. 6, f. 1—5, t. 7, t. 10, f. 5—8; <i>id.</i> Strzelecki's *Phys. Descrip. N. S. Wales, 1845, p. 299; <i>id.</i> Waterhouse, Nat. Hist. Mammalia, 1846, I. p. 233; <i>id.</i> d'Archiac, Progrès de la Géol. 1848, II. pt. 1, p. 419; <i>id.</i> Macleay, Parl. Blue Book, Dec. 1854, p. 40; <i>id.</i> Leichhardt, <i>ibid.</i> p. 42; <i>id.</i> Owen,	Wellington Valley Caves, &c., N. S. Wales. Portland, &c., Vict. Welcome Springs and Hergot Springs, 500 m. N. of Adelaide, S. Australia. Condamine River; King's Creek, Darling Downs; Maryvale Creek, &c., Qu.
-------------------------------------	--	--	--

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		<p>Encycl. Brit. 1859, xvii. p. 175, f. 43; <i>id. ibid.</i> Quart. Jour. Geol. 1859, xv. t. 9, f. 6; <i>id. ibid.</i> Palæontology, 1860, p. 394, f. 139; <i>id. ibid. id.</i> 2nd ed. p. 430, f. 171; <i>id.?</i> Huxley, Quart. Jour. Geol. Soc. 1862, xviii. t. 21, f. 1—3; <i>id.</i> Woods, *Geol. Obs. S. Austr. 1862, p. 381; <i>id.</i> Hochstetter, Verhandl. Jahrb. K.K. Geol. Reichsanstalt, 1864, xiv. pp. 36 and 37; <i>id.</i> Krefft, Geol. Mag. 1865, ii. p. 573; <i>id.</i> d'Archiac, Faune Quaternaire, 1865, p. 271; <i>id.</i> Murray, Geograph. Dist. Mam. 1866, p. 363; <i>id.</i> Owen, Proc. R. Soc. 1870, xviii. p. 196; <i>id. ibid.</i> *Phil. Trans. 1870, clx. p. 519; <i>id.</i> Daintree, Quart. Jour. Geol. Soc. 1872, xxviii. p. 274; <i>id.</i> Owen, *Extinct Mam. Austr. 1877, pp. 189—244, 507—512, t. 19, f. 1—4, t. 20, t. 21, t. 22, t. 23, t. 24, f. 1—13, 16—18; t. 25, t. 26, t. 27, t. 28, t. 29, t. 30, t. 31, t. 32, t. 33, t. 34, t. 35, t. 122, f. 1—3, 7—10, t. 123, t. 124, and Frontispiece, <i>cuts</i>, f. 1 and 1 a, p. 189, f. 2, p. 204, f. 3 and 4, p. 209, f. 5, p. 212, f. 6, p. 219.</p>	
D. <i>Bennettii</i> , Owen.		*Extinct Mam. of Australia, 1877, pp. 510—511.	Mandoona, N. S. Wales.
D. <i>longiceps</i> , M ^c Coy.		*Trans. R. Soc. Vict. vi. p. 25; <i>ibid.</i> 1869, ix. pt. 2, p. 78; Annals Nat. Hist. 1867, xx. p. 191; Smyth's Progress Rept. 1874, i. p. 36; *Geol. Survey, Vict. Dec. 4, 1876, pp. 7—11, t. 31, t. 32, t. 33, <i>cut</i> , p. 11.	Colac; Limeburner's Point, Geelong, Vict.
D. <i>minor</i> , Huxley.		*Quart. Jour. Geol. Soc. 1862, xviii. p. 422, t. 21, f. 4—6; ? <i>Nototherium</i> , sp. Owen, Extinct Mam. of Australia, 1877, p. 511.	Gowrie, Darling Downs, Qu.

Genus *Echidna*, Cuvier, 1797 (Tabl. Elémentaire, p. 143; Waterhouse, Nat. Hist. Mam. 1846, i. p. 40) = *Trachyglossus*, Illiger. — *Monotremata*.

E. <i>Owenii</i> , Krefft.	Cave-breccia.	*Annals Nat. Hist. 1868, i. p. 113, f. 1—5; Austr. Vertebrata, 1871, p. 22.	Wellington Valley Caves, N. S. Wales.
----------------------------	---------------	---	---------------------------------------

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Halmaturus</i> , <i>Illiger</i> , 1811. (Prod. Syst. Mam. et Avium, p. 80; Waterhouse, Nat. Hist. Mam. 1846, i. p. 94.)— <i>Pœphaga-Macropodidæ</i> .			
<i>H. Bennettii</i> , <i>Waterhouse</i> .	Subfossil ?.	<i>Macropus</i> , *Proc. Zool. Soc. 1837, p. 103; <i>id.</i> Owen, Trans. Zool. Soc. ii. 1841, t. 71, f. 5; <i>M. ruficollis</i> , var. <i>Bennettii</i> , Waterhouse, *Nat. Hist. Mam. 1846, i. p. 130; <i>M. Bennettii</i> , Owen, *Descrip. Cat. Osteol. Series R. Coll. Surgeons, 1853, i. pp. 324, 325, nos. 1740—1743; <i>Halmaturus</i> , Murie and Bartlett, Proc. Zool. Soc. 1866, pp. 28, 31, and 32; <i>id.</i> Krefft, Trans. R. Soc. N. S. Wales for 1867 (1868), i. p. 30.	Glenorchy Cave, Tas.
<i>H. Scottii</i> , <i>Krefft</i> (ms.).		Austr. Vert. 1871, p. 20.	
<i>H. Thomsonii</i> , <i>Krefft</i> (ms.).		Austr. Vert. 1871, p. 20.	
<i>H. sp. ind.</i> (1).	Cave-breccia.	Owen, in Mitchell's *Three Expeds. Int. E. Austr. 1838, ii. p. 361, t. 30, f. 1 and 2, no. 6; Krefft, Geol. Mag. 1865, ii. p. 572; Woods, *Geol. Obs. S. Austr. 1862, p. 380.	Wellington Valley Caves, N. S. Wales.
<i>H. sp. ind.</i> (2).	Cave-breccia.	Owen, in Mitchell's *Three Expeds. Int. E. Austr. 1838, ii. p. 361, t. 30, f. 3, no. 6 a; Woods, *Geol. Obs. S. Austr. 1862, p. 380; Krefft, Geol. Mag. 1865, ii. p. 572.	Wellington Valley Caves, N. S. Wales.

Genus *Hypsiprymnus*, *Illiger*, 1811. (Prod. Syst. Mam. et Avium, p. 79; Waterhouse, Nat. Hist. Mam. 1846, i. p. 190.)—*Pœphaga-Macropodidæ*.

<i>H. spelæus</i> , <i>Owen</i> .	Cave-breccia.	*Descrip. Cat. Mam. Aves, R. Coll. Surgeons, 1845, pp. 332, 333, nos. 1536—1539; Waterhouse, *Nat. Hist. Mam. 1846, i. p. 60; d'Archiac, Faune Quaternaire, 1865, p. 270; Murray, Geogr. Dist. Mam. 1866, p. 364.	Wellington Valley Caves, N. S. Wales.
<i>H. trisulcatus</i> , <i>M'Coy</i> .	Cave Deposit.	Geol. Survey, Vict. $\frac{1}{4}$ sheet 7, N. W. note.	Mt. Macedon Cave, Vict.

Genus *Leptosiagon*, *Owen*, 1873. (Pro. Roy. Soc. xxi. p. 386.)—*Pœphaga-Macropodidæ*.

<i>L. gracilis</i> , <i>Owen</i> .	Quaternary Deposits.	*Phil. Trans. clxiv. pt. 2, p. 785, t. 76, figs. 11—15; *Extinct Mam. of Australia, 1877, pp. 450, 451, t. 89, f. 11—15.	Queensland.
------------------------------------	----------------------	--	-------------

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Macropus , <i>Shaw</i> , 1800. (Gen. Zoology, i. pt. 2, p. 505).— <i>Pæphaga-Macropodidæ</i> .			
M. <i>affinis</i> , <i>Owen</i> .	Quaternary Deposits.	*Descrip. Cat. Mammalia and Aves, R. Coll. Surgeons, 1845, p. 328; Waterhouse, *Nat. Hist. Mam. 1846, i. p. 59; d'Archiac, Faune Quatern. 1865, p. 270; Murray, Geogr. Dist. Mam. 1866, p. 363; Owen, Proc. R. Soc. 1873, xxi. p. 128; <i>ibid.</i> *Phil. Trans. 1874, clxiv. p. 260, t. 23, figs. 10 and 11; Phil. Trans. clxvi. p. 217, t. 29, f. 6, t. 30, f. 7—9; *Extinct Mam. Australia, 1877, pp. 411, 412, 498, t. 83, f. 10 and 11, t. 116, f. 6, t. 117, f. 7—9.	Condamine River, Qu.
M. <i>Ajax</i> , <i>Owen</i> .		Quart. Jour. Geol. Soc. 1859, xv. p. 158, <i>note</i> .	Darling Downs, Qu.
M. <i>Anak</i> , <i>Owen</i> .		Vide <i>Protemnodon Anak</i> , <i>Owen</i> .	
M. <i>Atlas</i> , <i>Owen</i> .		Vide <i>Sthenurus Atlas</i> , <i>Owen</i> .	
M. <i>Ferragus</i> , <i>Owen</i> .		Vide <i>Pachysiagon Ferragus</i> , <i>Owen</i> .	
M. <i>Goliath</i> , <i>Owen</i> .		Vide <i>Procoptodon Goliath</i> , <i>Owen</i> .	
M. <i>Titan</i> , <i>Owen</i> .	Cave-breccia; Lacustrine, Quaternary and River Deposits.	*Mitchell's Three Expds. Int. E. Austr. 1838, ii. p. 359, t. 29, figs. 3, 6, and 8; *Brit. Assoc. Rept. 1844, p. 236; Odontog. i. p. 392, ii. t. 101, figs. 1 and 2; *Deser. Cat. Mam. Aves, R. Coll. Surgeons, 1845, p. 324, <i>et seq.</i> t. 6, f. 7; Waterhouse, *Nat. Hist. Mams. 1846, i. p. 58; ?Hobson, Tas. Jour. ii. p. 208; d'Archiac, Hist. Progrès de la Géol. 1848, ii. pt. 1, p. 47; <i>Owen</i> , *Palæontology, 1860, p. 394; M'Coy, Ex. Essay, 1861, p. 168; Woods, *Geol. Obs. S. Austr. 1862, p. 378; M'Coy, Annals Nat. Hist. 1862, ix. p. 145, <i>id. ibid.</i> 1867, xx. p. 191; d'Archiac, Faune Quaternaire, 1865, p. 270; Murray, Geogr. Dist. Mam. 1866, p. 364; Daintree, Quart. Jour. Geol. Soc. 1872, xxviii. p. 274; <i>Owen</i> , Proc. R. Soc. 1873, xxi. p. 128; <i>ibid.</i> *Phil. Trans. 1874, clxiv. pt. 1, p. 248, t. 20, f. 29; t. 21, figs. 6—18; t. 22, figs. 10—18; t. 23, figs. 2 and 3, 12 and 13; t. 26, figs. 9—15; <i>ibid.</i> pt. 2, p. 783, t. 76, figs. 1—6; M'Coy, Smyth's Progress Rept. 1874, p. 36; <i>id. ibid.</i> 1876, iii.	Wellington Valley Caves, N. S. Wales. Lake Timboon; Duck Ponds, <i>Vict.</i> Mt. Burr Caves, S. Australia. Condamine River; Darling Downs; Maryvale Creek, Qu.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		p. 74; Owen, Phil. Trans. CLXVI. pp. 204—209, t. 25, f. 1 and 4, t. 26, f. 1 and 2, t. 27; McCoy, in Couchman's Progress Report, 1877, iv. p. 156; Owen, Extinct Mam. of Australia, 1877, pp. 400—411, 435—439, 489—490, 498, Atlas, t. 76, f. 1—4, t. 77, f. 1 and 2, t. 78, f. 1 and 2, t. 79, f. 1 and 2, t. 80, f. 29, t. 81, f. 6—18, t. 82, f. 10—18, t. 83, f. 2 and 3, 12 and 13, t. 86, f. 9—15, t. 89, f. 1—6, t. 112, t. 113, t. 118, f. 1—7.	
<i>M. sp. ind.</i> (1).	Cave-breccia.	Owen, *Mitchell's Three Expds. Int. E. Austr. 1838, II. p. 360, nos. III. a, b; Woods, *Geol. Obs. S. Austr. 1862, p. 379; Krefft, Geol. Mag. 1865, II. p. 572.	Wellington Valley Caves, N. S. Wales.
<i>M. sp. ind.</i> (2).	Cave-breccia.	Owen, Mitchell's Three Expds. Int. E. Austr. 1838, II. p. 360, no. 4; ? <i>Halmaturus</i> , Krefft, Geol. Mag. 1865, II. p. 572; Woods, *Geol. Obs. S. Austr. 1862, p. 379.	Wellington Valley Caves, N. S. Wales.
<i>M. sp. ind.</i> (3).	Quaternary Deposits.	Owen, *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, p. 326, no. 1517 (? = <i>Macropus laniger</i> , Q. and G.).	Condamine River, Qu.
<i>M. sp. ind.</i> (4—6).	Cave-breccia.	Owen, *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, p. 328, nos. 1521—1523.	Wellington Valley Caves, N. S. Wales.
<i>M. sp. ind.</i> (7).	Cave Deposit.	McCoy, Geol. Surv. Vict. ¼ sheet 7, N. W. note.	Mt. Macedon Cave, Vict.
<i>M. sp. ind.</i> (8).		Owen, Extinct Mam. of Australia, 1877, t. 114.	

Genus *Nototherium*, Owen, 1845 (see p. 173).—*Carpophaga-Phalangistide*.

<i>N. inerme</i> , Owen.	Quaternary Deposits.	*Brit. Assoc. Rept. for 1844, p. 231; Odontog. I. p. 396, II. t. 90, f. 4; Strzelecki's *Phys. Descr. N. S. Wales, 1845, p. 303; *Descr. Cat. Mam. Aves, R. Coll. Surgeons, 1845, pp. 314—323, t. 8; Waterhouse, *Nat. Hist. Mam. 1846, I. p. 237; Owen, *Quart. Jour. Geol. Soc. 1859, xv. p. 176—185, t. 9, f. 3; Hochstetter, Sitz. K. Akad. Wissensch. Wien, 1859, xxxv. p. 351; <i>id.</i> Verhandl. Jahrbuch, K. K. Geol. Reichsanstalt, 1864, xiv. p. 37; d'Archiac, Faune Quaternaire, 1865, p. 272;	Condamine River; King's Creek, Darling Downs, Qu.
--------------------------	----------------------	--	---

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
N. <i>Mitchelli</i> , Owen.	Quaternary Deposits.	Murray, Geogr. Dist. Mam. 1866, p. 363; Owen, Proc. R. Soc. xix. p. 494; <i>ib.</i> *Phil. Trans. 1872, clxii. pp. 41 and 63, t. 8, t. 9, f. 5; <i>id.</i> Extinct Mam. of Australia, 1877, pp. 271—272, &c. p. 514, t. 42, t. 43, f. 5, t. 88, f. 15—17, t. 125. *Brit. Assoc. Report, 1844, p. 232; Odontography, i. p. 396; *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, p. 316, no. 1506, t. 9; Waterhouse, *Nat. Hist. Mam. i. p. 239; ?N. <i>Mitchelli</i> , Owen, *Quart. Jour. Geol. Soc. 1859, xv. pp. 176—185, t. 9, f. 1, 2, 4 and 5; Hochstetter, Sitz. K. Akad. Wissen. Wien, 1859, xxxv. p. 35; <i>id.</i> Verhandl. Jahrbuch, K. K. Geol. Reichsanstalt, 1864, xiv. pp. 36 and 37; Murray, Geogr. Dist. Mam. 1866, p. 363; ? <i>Thylacoleo carnifer</i> , M'Coy (non Owen), *Annals Nat. Hist. 1865, xvi. p. 448; N. <i>Mitchelli</i> , d'Archiac, Faune Quaternaire, 1865, p. 272; <i>id.</i> Owen, *Annals Nat. Hist. 1866, xviii. p. 475, t. 16; <i>id.</i> <i>ibid.</i> Proc. R. Soc. xix. p. 494; <i>id.</i> <i>ibid.</i> *Phil. Trans. 1872, clxii. p. 41, t. 2, f. 1 and 2, t. 3, f. 1 and 3, t. 4, f. 5 and 6, t. 9, f. 1—4, 6—8, t. 10, f. 1—3, 7 and 8, t. 11; <i>id.</i> <i>ibid.</i> *Extinct Mam. of Australia, 1877, pp. 249—269, p. 272 <i>et seq.</i> p. 514, <i>cut.</i> f. 1, p. 250, <i>cut.</i> f. 2, p. 269, Atlas, t. 36, f. 1 and 2, t. 37, f. 1—3, t. 38, t. 39, t. 40, t. 43, f. 1—4, 6—8, t. 44, f. 1—3, 7 and 8, t. 45, t. 88, f. 11—14.	King's Creek; Condamine River; Gowrie Creek, Darling Downs, Qu.
N. <i>Victoriae</i> , Owen.	Lacustrine Deposits.	*Phil. Trans. 1872, clxii. p. 61, t. 7, t. 10, f. 4—6; *Extinct Mam. of Australia, 1877, pp. 269—71, p. 513, Atlas, t. 41, t. 44, f. 4—6.	Lake Victoria, S. Australia.
O. <i>Cooperi</i> , Owen.		Proc. R. Soc. 1873, xxi. p. 128; *Phil. Trans. 1874, clxiv. p. 261, t. 24, f. 17 and 18; *Extinct Mam. of Australia, 1877, p. 412, t. 84, f. 17 and 18.	Darling Downs, Qu.

Genus *Osphranter*, Gould, 1841. (Proc. Zool. Soc. pt. ix. p. 80.)
Pæphaga, *Macropodidae*.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
O. Gouldii, Owen.		Proc. R. Soc. 1873, xxi. p. 128; *Phil. Trans. 1874, clxiv. p. 261, t. 23, f. 15 and 16; *Extinct Mam. of Australia, 1877, pp. 413—414, t. 83, f. 15 and 16.	
Genus <i>Pachysiagon</i> , Owen, 1873. (Proc. R. Soc. xxi. p. 386; Phil. Trans. clxiv. p. 784.)— <i>Pæphaga-Macropodidæ</i> .			
P. Ferragus, Owen.	Quaternary Deposits.	<i>Macropus</i> , *Phil. Trans. clxiv. pt. 2, p. 784, t. 81, f. 4, t. 82, f. 3 and 4, t. 83, f. 3; <i>Pachysiagon</i> , *Extinct Mam. Australia, 1877, pp. 449—450, t. 96, f. 4, t. 97, f. 3 and 4, t. 105, f. 3.	
P. Otuel, Owen.		*Phil. Trans. clxiv. pt. 2, p. 784, t. 76, f. 7—10.	
Genus <i>Palorchestes</i> , Owen, 1873. (Proc. R. Soc. xxi. 386; Phil. Trans. clxiv. p. 797.)— <i>Pæphaga-Macropodidæ</i> .			
P. Azael, Owen.	Quaternary Deposits.	*Phil. Trans. clxiv. pt. 2, p. 798, t. 81, f. 1 and 2, t. 82, f. 1 and 2, t. 83, f. 1; * <i>ibid.</i> clxvi. p. 197, t. 19, t. 20, t. 21, t. 22, f. 1—4, t. 23, f. 1, 2, and 5, t. 24, t. 29, f. 1—3; *Extinct Mam. of Australia, 1877, pp. 466—470, p. 500, t. 96, f. 1 and 2, t. 97, f. 1 and 2, t. 105, f. 1, t. 106, t. 107, t. 115, f. 1, 2 and 5, t. 116, f. 1—3, t. 129, t. 130, f. 1—4, t. 131.	
Genus <i>Peragalea</i> , J. E. Gray ¹ , 1841. (In Grey's Jour. Two Expeds. N. and N. W. Australia, ii. p. 401; <i>Macrotis</i> , Waterhouse, Nat. Hist. Mam. 1846, i. p. 358.) <i>Entomophaga-Peramelidæ</i> .			
P. sp. ind.	Cave-breccia.	Krefft, Aust. Vertebrata, 1871, p. 21.	Wellington Valley Caves, N. S. Wales.
Genus <i>Perameles</i> , Geoffroy, 1804 (Ann. Muséum, iv. pp. 56 and 59; Waterhouse, Nat. Hist. Mam. 1846, i. p. 256)= <i>Isoodon</i> , Desmarest. <i>Entomophaga-Peramelidæ</i> .			
P. nasuta, Geof.	Cave-breccia.	*l. c. p. 62, t. 44; Waterhouse, *Nat. Hist. Mam. 1846, i. p. 374; <i>P. nasuta</i> ? Krefft, Australian Vert. 1871, p. 21.	Wellington Valley Caves, N. S. Wales.

¹ Written by Gray *Paragalia*.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. obesula</i> , Shaw.	Cave-breccia.	<i>Didelphis</i> , *General Zool. 1800, i. pt. 2, p. 490; <i>Perameles</i> , Geoffroy, Ann. Muséum, iv. p. 64, t. 45; <i>id.</i> Waterhouse, *Nat. Hist. Mam. 1846, i. p. 368; <i>id.</i> M'Coy, Geol. Survey, Vict. $\frac{1}{4}$ sheet 7, N.W. note; <i>P. obesula</i> ? Krefft, Austr. Vert. 1871, p. 21.	Wellington Valley Caves, N. S. Wales.
<i>P. sp. ind.</i>	Cave-breccia.	Krefft, Geol. Mag. 1865, ii. p. 573.	Wellington Valley Caves, N. S. Wales.

Genus *Phalangista*, Cuvier, 1799 or 1800? (Leçons d'Anatomie Comparée, i. Tab. Général; Waterhouse, Nat. Hist. Mam. 1846, i. p. 265.)
Carpophaga-Phalangistide.

<i>P. fuliginosa</i> , Ogilby.	Subfossil?	*Proc. Zool. Soc. 1831, p. 135, Waterhouse, *Nat. Hist. Mam. 1846, i. p. 288; Krefft, Trans. R. Soc. N. S. Wales, for 1867 (1868), i. p. 32.	Glenorchy Cave, Tas.
<i>P. vulpina</i> , Shaw.	Cave-deposit.	<i>Didelphis</i> , *General Zool. 1800, i. pt. 2, p. 503; <i>Phalangista</i> , Temminck, Mon. Mammologie, 1827, i. p. 5; <i>id.</i> Owen, Odontog. i. p. 383, ii. t. 100, f. 1; <i>id.</i> Waterhouse, *Nat. Hist. Mam. 1846, i. p. 284; <i>id.</i> M'Coy, Geol. Survey, Vict. $\frac{1}{4}$ sheet 7, N. W. note; <i>id.</i> Krefft, Austr. Vert. 1871, p. 18; <i>id. ibid.</i> Mam. of Australia, 1871, t. 8.	Mt. Macedon Cave, near Gisborne, Vict.
<i>P. sp. ind.</i>	Cave-breccia.	Owen, Mitchell's *Three Expds. Int. E. Austr. 1838, ii. p. 361, nos. 7, a and b (2 <i>sp.</i>); Waterhouse, *Nat. Hist. Mam. 1846, i. p. 353; Woods, Geol. Obs. S. Austr. 1862, p. 380; Krefft, Geol. Mag. 1865, ii. p. 572.	Wellington Valley Caves, N. S. Wales.

Genus *Phascolagus*, Owen, 1873. (Pro. Roy. Soc. xxi. p. 128.)
Pæphaga-Macropodidæ.

<i>P. altus</i> , Owen.	Cave-breccia and Quaternary Deposits.	<i>Macropus Titan</i> , Owen, Mitchell's *Three Expds. Int. E. Austr. 1838, ii. t. 29, figs. 4 and 5 (non figs. 3, 6 and 8); <i>P. altus</i> , Owen, *L. c. p. 128; <i>id.</i> *Phil. Trans. 1874, clxiv. p. 261, t. 22, figs. 1 and 2; * <i>id. ibid.</i> clxvi. p. 218, t. 30, f. 1—6; * <i>id.</i> Extinct Mam. of Australia, 1877, pp. 414 and 498, t. 82, f. 1 and 2, t. 111, t. 117, f. 1—6.	Wellington Valley Caves, N. S. Wales; also in Queensland.
-------------------------	---------------------------------------	--	---

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Phascolomys</i> , <i>Geoffroy</i> , 1803 (Ann. Muséum, Hist. Nat. ii. p. 365; Waterhouse, Nat. Hist. Mam. 1846, i. p. 242) = <i>Vombatus</i> , Geoff. <i>Rhizophaga-Phascolomidae</i> .			
<i>P. gigas</i> , <i>Owen</i> .	Quaternary Deposits.	<i>Extinct Wombat</i> , Trans. Zool. Soc. iii. p. 306; <i>P. gigas</i> , Encyclop. Brit. 1859, xvii. p. 175, f. 114; <i>id.</i> Palæontology, 1860, p. 395, f. 140; <i>id. ibid.</i> 2nd ed. 1861, p. 431, f. 172; <i>id.</i> d'Archiac, Faune Quaternaire, 1865, p. 271; <i>id.</i> Owen, Proc. R. Soc. 1872, xx. p. 306; <i>P. (Phascolonus)</i> Owen, Phil. Trans. 1872, CLXII. pp. 248—254, t. 36, t. 38, f. 1, 3 and 4; <i>id. ibid.</i> Extinct Mam. of Australia, 1877, pp. 346—353, t. 61, t. 62, t. 63, f. 1, 3 and 4, t. 64, f. 1—3, t. 65.	Eton Vale; Drayton Station; Clifton Plains, &c., Qu.
<i>P. Krefftii</i> , <i>Owen</i> .	Cave-breccia.	Proc. R. Soc. 1872, xx. p. 66; *Phil. Trans. 1872, CLXII. p. 178, t. 17, f. 2 and 6, t. 19, f. 3, t. 20, f. 2; t. 22, f. 6 and 7, t. 23, f. 4 and 5; *Extinct Mam. of Austr. 1877, p. 319, p. 353, t. 50, f. 2 and 6, t. 52, f. 6 and 7, t. 53, f. 3, t. 54, f. 2, t. 56, f. 4 and 5.	Wellington Valley Caves, N. S. Wales.
<i>P. latifrons</i> , <i>Owen</i> .	Cave-breccia.	*Proc. Zool. Soc. 1845, p. 82; *Trans. <i>ibid.</i> 1849, iii. p. 303, t. 37, f. 4—7; Osteol. Cat. R. Coll. Surgeons, 1853, i. p. 334; <i>Lasiorhinus</i> , <i>M'Coyii</i> , Gray, *Annals Nat. Hist. 1863, xi. p. 458; <i>P. latifrons</i> , Murie, Proc. Zool. Soc. 1865, p. 844, f. 1; <i>Lasiorhinus (Phas.) id.</i> * <i>ibid.</i> p. 854, t. 47; <i>Phascolomys, id. ibid.</i> 1867, p. 807, f. 2, p. 811, f. 4; <i>id.</i> Krefft, Proc. Zool. Soc. 1872, p. 795; <i>id.</i> Owen, *Phil. Trans. 1872, CLXII. pp. 176, 179, 180, 191, t. 19, f. 4, t. 20, f. 1, t. 21, f. 3 and 4, t. 22, f. 3—5, t. 23, f. 3—9, <i>cuts</i> , f. 4, f. 6 and f. 8; <i>id.</i> Trans. Zool. Soc. 1873, viii. pt. 6, pp. 346—358, t. 50, f. 4 and 7, t. 51, f. 5, t. 52, f. 5, t. 53, f. 1—5, t. 54, f. 3 and 5, t. 55, f. 3 and 4, t. 56, f. 3 and 5, t. 57, f. 3, 5 and 7; <i>id. ibid.</i> 1874, viii. pt. 7, pp. 483—497, t. 69, f. 1, 2, 5—12, t. 70, f. 1, 2, 5—10, t. 71, f. 1—3 and 7, t. 72, f. 1, 2, 5—9 and 11, t. 73, f. 1, 3, 5 and 7, t. 74; <i>id.</i> *Extinct Mam. of Australia,	Wellington Valley Caves, N. S. Wales.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		1877, pp. 317—332, p. 353, <i>cuts</i> , f. 4, p. 318, f. 6, p. 320, f. 8, p. 321, Atlas, t. 52, f. 3—5, t. 53, f. 4, t. 54, f. 1, t. 55, f. 3 and 4, t. 56, f. 3 and 9, t. 57, f. 1; t. 63, f. 2, t. 98, f. 1, 2, 5 and 12; t. 99, f. 1 and 2, 5—10, t. 100, f. 1—3 and 7, t. 101, f. 1 and 2, 5—9 and 11, t. 102, f. 1, 3, 5 and 7, t. 103, t. 127, f. 7.	
<i>P. magnus</i> , Owen.	Quaternary Deposits.	Proc. R. Soc. 1872, xx. p. 306; Murie, Proc. Zool. Soc. 1865, pp. 851—854; Owen, *Extinct Mam. of Austr. 1877, pp. 344, 346, 353, t. 60, f. 1—6.	Eton Vale and Drayton Station, Darling Downs, Qu.
<i>P. medius</i> , Owen.	Quaternary Deposits and Cave-breccia.	Proc. R. Soc. 1872, xx. p. 306; *Phil. Trans. 1872, CLXII. p. 241, t. 32, f. 2—7; t. 33, f. 2—6, t. 34, t. 35, f. 7; Owen, *Extinct Mam. of Austr. 1877, pp. 339—344, p. 353, Atlas, t. 57, f. 2—7, t. 58, f. 2—6, t. 59, t. 60, f. 7.	Eton Vale and Drayton Station, Darling Downs, Qu. Wellington Valley Caves, N. S. Wales.
<i>P. Mitchelli</i> , Owen.	Cave-breccia, and Quaternary Deposits.	Mitchell's *Three Expeds. Int. E. Austr. 1838, II. p. 362, t. 30, f. 4—6, nos. 8 a—c; *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, pp. 333—334, nos. 1540, 1541, and 1542; Waterhouse, *Nat. Hist. Mam. 1846, I. p. 244; Woods, Geol. Obs. S. Austr. 1862, p. 381; <i>Phascotomys platyrhinus</i> (pars), Murie, Proc. Zool. Soc. 1865, p. 853; <i>P. Mitchelli</i> , d'Archiac, Faune Quaternaire, 1865, p. 271; <i>id.</i> Krefft, Geol. Mag. 1865, II. p. 573; <i>id.</i> Murray, Geogr. Distrib. Mam. 1866, p. 363; <i>id.</i> Owen, Proc. R. Soc. 1872, xx. p. 67; <i>id.</i> <i>ibid.</i> *Phil. Trans. 1872, CLXII. pp. 177—179, 181, 182, 191, t. 17, f. 1—3 and 5, 7 and 8, t. 18, f. 1—7, t. 19, f. 5, t. 21, f. 5 and 6; <i>id.</i> <i>ibid.</i> *Extinct Mam. of Australia, 1877, pp. 318, 320, 322, 324, 332, 353, t. 50, f. 1, 3—5, 7 and 8, t. 51, f. 1—7, t. 53, f. 5, t. 55, f. 5.	Wellington Valley Caves, N. S. Wales. Gowrie, Darling Downs, Qu.
<i>P. parvus</i> , Owen.	Quaternary Deposits.	Proc. R. Soc. 1872, xx. p. 67; *Phil. Trans. 1872, CLXII. p. 193, t. 19, f. 6 and 7, t. 20, f. 6—8, t. 23, f. 6 and 7, t. 38, f. 5; *Extinct Mam. of Austr. 1877, pp. 334—335, 353, Atlas, t. 53, f. 6 and 7, t. 54, f. 6—8, t. 56, f. 6 and 7, t. 63, f. 5 and 6.	King's Ck., Darling Downs, Qu.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. platyrhinus</i> , Owen.	Quaternary Deposits.	*Osteol. Cat. R. Coll. Surgeons, 1853, i. p. 334; Murie, Proc. Zool. Soc. 1865, p. 844, f. 3, p. 853; <i>id. ibid.</i> 1867, p. 799, t. 35, p. 806, f. 1, p. 811, f. 6; Krefft, Proc. Zool. Soc. 1872, p. 796; Owen, Proc. R. Soc. 1872, xx. p. 67; *Phil. Trans. 1872, CLXII. pp. 175, 180, 193, 197, t. 19, f. 2, t. 20, f. 3—5, t. 21, f. 2, t. 23, f. 1—8, <i>cuts</i> , f. 3, 5 and 7; <i>id.</i> Trans. Zool. Soc. 1873, VIII. pt. 6, pp. 346—358, t. 50, f. 1, 2 and 5, t. 51, f. 1 and 2, t. 52, f. 1—3, t. 53, f. 6, t. 54, f. 2 and 4, t. 55, f. 2, t. 56, f. 1 and 4, t. 57, f. 1, 4 and 6; <i>id. ibid.</i> 1874, VIII. pt. 7, pp. 483—497, t. 69, f. 3, 4 and 13, t. 70, f. 3 and 4, t. 71, f. 4—6 and 8, t. 72, f. 3, 4 and 10, t. 73, f. 2, 4 and 6; <i>id.</i> *Extinct Mam. of Australia, 1877, pp. 328—334, 353, <i>cuts</i> , f. 3, p. 316, f. 5, p. 320, f. 7, p. 321, Atlas, t. 52, f. 2, t. 53, f. 2, t. 54, f. 3—5, t. 55, f. 2, t. 56, f. 1 and 8, t. 58, f. 1, t. 98, f. 3, 4 and 13, t. 99, f. 3 and 4, t. 100, f. 4—6, t. 101, f. 3, 4 and 10, t. 102, f. 2, 4 and 6.	Eton Vale, Darling Downs, and Condamine R. Qu.
<i>P. Pliocenus</i> , M'Coy.	Quaternary Deposits?	<i>Phascolomys</i> , sp. Exhib. Essay, 1861, p. 168; <i>id.</i> Annals Nat. Hist. 1862, ix. p. 145; <i>P. pliocenus</i> , <i>id.</i> 1867, xx. p. 190; Smyth's Progress Report, 1874, i. p. 36; *Geol. Survey, Vict. Dec. i. 1874, p. 21, t. 3, 4 and 5; Smyth's Progress Report, 1876, III. p. 74.	Bet-Bet Ck. Vict.
<i>P. Thomsoni</i> , Owen.	Quaternary Deposits.	Proc. R. Soc. 1872, xx. p. 67; *Phil. Trans. 1872, CLXII. p. 192, t. 18, f. 8 and 9, t. 21, f. 7; *Extinct Mam. of Australia, 1877, pp. 333 and 353, Atlas, t. 51, f. 8 and 9, t. 55, f. 7.	Drayton Station, Darling Downs, Qu.

Genus *Plectodon*, Krefft, 1871?—*Carpophaga-Phalangistidæ*.*P. sp. ind.*

Krefft, Australian Vertebrata, 1871, p. 19.

Genus *Procoptodon*, Owen, 1873. (Proc. R. Soc. XXI. p. 386; Phil. Trans. CLXIV. p. 786.)—*Pæphaga-Macropodidæ*.*P. Goliath*, Owen.*Macropus*, in Waterhouse's *Nat. Hist. Mam. 1846, i. p. 59;

Darling Downs, Qu.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. pusio</i> , Owen.		Murray, Geogr. Dist. Mam. 1866, p. 363; <i>Procoptodon</i> , Owen, *Phil. Trans. clxiv. pt. 2, p. 791, t. 79, t. 80; <i>id. ibid.</i> * <i>id.</i> clxvi. p. 222, t. 22, f. 5, t. 23, f. 3 and 4; <i>id. ibid.</i> *Extinct Mam. of Australia, 1877, pp. 460—465, 494, 502, Atlas, t. 92, f. 1—5, t. 94, t. 95, t. 115, f. 3 and 4, t. 118, f. 8—10, t. 121, t. 130, f. 5?	
<i>P. Rapha</i> , Owen.		*Phil. Trans. clxiv. pt. 2, p. 788, t. 77, f. 2—7; * <i>ibid.</i> clxvi. p. 222, t. 31, f. 1—5, 10—12; *Extinct Mam. of Australia, 1877, pp. 454—457, Atlas, t. 89, f. 7—10, t. 90, f. 2—7, t. 91, t. 119, f. 1—5, 10—12.	
		*Phil. Trans. clxiv. pt. 2, p. 788, t. 77, f. 8—12, t. 78; * <i>ibid.</i> clxvi. p. 222, t. 31, f. 6—9; *Extinct Mam. of Australia, 1877, pp. 457—460, 483—485, 494, 502, Atlas, t. 90, f. 8—12, t. 93, t. 128, t. 119, f. 6—9.	

Genus *Protemnodon*, Owen, 1873. (Proc. R. Soc. xxi. p. 128.)*Pephaga-Macropodidae*.

<i>P. Anak</i> , Owen.	Cave-breccia; Quaternary Deposits.	<i>Macropus</i> Atlas, *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, pp. 325 and 327 (nos. 1513 and 1519); <i>Macropus Anak</i> , Quart. Jour. Geol. Soc. 1859, xv. p. 185; <i>Protemnodon</i> , Proc. R. Soc. 1873, xxi. p. 128; <i>id.</i> *Phil. Trans. 1874, clxiv. p. 275, t. 23, f. 4—9, t. 25, f. 1—4, 7—10 and 14; <i>id.</i> *Extinct Mam. of Australia, 1877, pp. 428—430, 449, 498, Atlas, t. 83, f. 4—9, t. 85, f. 1—4, 7—10 and 14, t. 120, f. 1—6.	Wellington Valley Caves, N. S. Wales. Eton Vale, Darling Downs, Qu.
<i>P. Antæus</i> , Owen.		*Extinct Mam. of Australia, 1877, p. 448, t. 88, f. 18, t. 110.	
<i>P. Mimas</i> , Owen.	Cave-breccia; Quaternary Deposits.	Proc. R. Soc. 1873, xxi. p. 128; *Phil. Trans. 1874, clxiv. p. 278, t. 24, f. 13—16, t. 26, f. 1—8, t. 27, f. 1—4 and 14; *Extinct Mam. of Australia, 1877, pp. 431—434, 447, 448, Atlas, t. 84, f. 13—16, t. 86, f. 1—8, t. 87, f. 1—4 and 14.	Wellington Valley Caves, N. S. Wales. Gowrie Creek, and Eton Vale, Darling Downs, Qu.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Og, Owen.</i>		Proc. R. Soc. 1873, xxi. p. 128; *Phil. Trans. 1874, clxiv. p. 277, t. 25, f. 5—6, 11—13; *Extinct Mam. of Australia, 1877, p. 430, t. 85, f. 5 and 6, 11—13.	
<i>P. Rhæchus, Owen.</i>	Quaternary Deposits.	Proc. R. Soc. 1873, xxi. p. 128; *Phil. Trans. 1874, clxiv. p. 281, t. 27, f. 10—13; *Ex- tinct Mam. of Australia, 1877, p. 434, t. 87, f. 10—13.	Clifton Station, Darling Downs, Qu.
<i>P. sp. ind.</i>		Owen, Extinct Mam. of Australia, 1877, t. 120, f. 7 and 8.	

Genus *Sarcophilus*, F. Cuvier, 1838 (see p. 173).—*Sarcophaga-Dasyuridæ*.

<i>S. lanarius, Owen.</i>	Cave-breccia.	<i>Dasyurus</i> , Mitchell's *Three Ex- peds. Int. E. Australia, 1838, ii. p. 363, t. 31, f. 3—6; <i>id.</i> Odontography, i. p. 374; <i>id.</i> *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, p. 334 —335, nos. 1543—1547; <i>id.</i> Waterhouse, *Nat. Hist. Mam. 1846, i. p. 452; <i>id.</i> Woods, Geol. Obs. S. Australia, 1862, p. 382; <i>id.</i> d'Archiac, Faune Quaternaire, 1865, p. 269; <i>id.</i> Murray, Geogr. Dist. Mam. 1866, p. 362; <i>Sarcophilus</i> , Owen, *Extinct Mam. of Aus- tralia, 1877, p. 105, t. 5, f. 1 —6.	Wellington Valley Caves, N. S. Wales.
<i>S. ursinus, Harris.</i>	Cave-breccia.	<i>Didelphis</i> , *Trans. Linn. Soc. ix. p. 176, t. 19, f. 2; <i>Dasyurus</i> , Temmink, Mon. d. Mammo- logie, 1827, i. p. 68, t. 68; <i>Diabolus</i> , Gray, in Grey's Jour. Two Expeds. N. W. and W. Australia, 1841, ii. p. 400; <i>Dasyurus</i> , Waterhouse, *Nat. Hist. Mam. 1846, i. p. 448; <i>Dasyurus</i> , Gould, Mam. of Aus- tralia, 1863, i. p. 55; <i>id.</i> d'Archiac, Faune Quaternaire, 1865, p. 269; <i>Diabolus</i> , M'Coy, in Geol. Survey, Vict. ¼ sheet 7, N. W. note; <i>Dasyurus</i> , Owen, *Osteol. Cat. R. Coll. Surgeons, 1853, i. p. 346; <i>Sarcophilus</i> , Krefft, Australian Vert. 1871, p. 21; <i>id.</i> Owen, *Extinct Mam. Australia, 1877, p. 105, Atlas, t. 13, f. 2, t. 14, f. 2, t. 15, f. 2, <i>cut</i> , f. 20, p. 103.	Wellington Valley Caves, N. S. Wales. Mt. Macedon Cave, near Gisborne, Vict.

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>S. sp. ind.</i>	Cave-breccia.	Kreff, Geol. Mag. 1865, II, p. 573 (1 or more species).	Wellington Valley Caves, N. S. Wales.

Genus **Sthenurus**, Owen, 1873. (Proc. R. Soc. XXI. p. 128.)—*Porphaga-Macropodidae*.

<i>S. Atlas</i> , Owen.	Cave-breccia, and Quaternary Deposits.	<i>Macropus</i> , *Mitchell's *Three Expeds. Int. E. Australia, 1838, II. p. 359, t. 29, f. 1; <i>id.</i> Odontography, I. p. 392, Atlas, t. 101, f. 3—5; <i>id.</i> *Brit. Assoc. Rep. 1844, p. 236; <i>id.</i> *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, p. 325; <i>id.</i> Waterhouse, *Nat. Hist. Mam. 1846, I. p. 57; <i>id.</i> d'Archiac, Hist. Progrès de la Géol. 1848, II. pt. 1, p. 417; <i>id.</i> Owen, Palæontology, 1860, p. 394; ? <i>M. Athos</i> , Woods, Geol. Obs. S. Australia, 1862, p. 378; <i>M. Atlas</i> , d'Archiac, Faune Quaternaire, 1865, p. 270; <i>id.</i> Murray, Geogr. Dist. Mam. 1866, p. 363; <i>id.</i> M'Coy, Annals Nat. Hist. 1867, XX. p. 191; <i>Sthenurus</i> , Owen, Proc. R. Soc. 1873, XVI. p. 128; <i>id.</i> <i>ibid.</i> *Phil. Trans. 1874, CLXIV. p. 265, t. 20, f. 30, t. 22, f. 3—9, t. 24, f. 4—9; <i>Macropus</i> , M'Coy, in Smyth's Progress Report, I. 1874, p. 36; <i>Sthenurus</i> , Owen, *Phil. Trans. CLXVI. p. 210, t. 25, f. 2 and 3, t. 26, f. 4; <i>Macropus</i> , M'Coy, in Couchman's Progress Report, IV. 1877, p. 158; <i>Sthenurus</i> , Owen, *Proc. Zool. Soc. 1877, p. 352, t. 38, f. 5—11; <i>id.</i> <i>ibid.</i> *Extinct Mam. of Australia, 1877, pp. 416—424, 439—442, 446, Atlas, t. 76, f. 2 and 3, t. 77, f. 4 and 5, t. 79, f. 4, t. 80, f. 30, t. 82, f. 3 and 9, t. 84, f. 4—9, t. 88, f. 1—4.	Wellington Valley Caves, N. S. Wales. Condamine River, Darling Downs, Qu. Duck Ponds, near Geelong, Vict.
<i>S. Brehus</i> , Owen.	Cave-breccia.	Proc. R. Soc. 1873, XXI. p. 128; *Phil. Trans. 1874, CLXIV. p. 272, t. 27, f. 5—9; * <i>id.</i> CLXVI. p. 213, t. 28; *Proc. Zool. Soc. 1877, p. 352, t. 38, f. 12—17; *Extinct Mam. of Australia, 1877, pp. 424—427, 442—446, 494, Atlas, t. 87, f. 5—9; t. 88, f. 5—10, t. 92, f. 6 and 7, t. 108, t. 109, and t. 77, f. 7?	Wellington Valley Caves, N. S. Wales.
<i>S. minor</i> , Owen.		*Proc. Zool. Soc. 1877, p. 353, t. 37, t. 38, f. 1—4.	

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Thylacinus</i> , <i>Temminck</i> , 1827. (Mon. d. Mammologie, i. p. 60; Waterhouse, Nat. Hist. Mam. 1846, i. p. 453.)— <i>Sarcophaga-Dasyuridae</i> .			
<i>T. cynocephalus</i> , <i>Harris</i> .	Cave-breccia.	<i>Didelphis</i> , *Trans. Linn. Soc. ix. p. 174, t. 19, f. 1; <i>Thylacinus Harrisii</i> , Temminck, loc. cit. p. 63; <i>Thylacinus cynocephalus</i> , Waterhouse, *Nat. Hist. Mam. 1846, i. p. 456; <i>id.</i> Owen, *Osteol. Cat. R. Coll. Surgeons, 1853, i. p. 347; <i>Dasyurus</i> , Gould, *Mam. of Australia, 1863, i. p. 61; <i>Thylacinus</i> , Krefft, Australian Vertebrata, 1871, p. 21; <i>id. ibid.</i> *Mam. of Australia, 1871, t. 12; <i>id.</i> Owen, *Extinct Mam. of Australia, 1877, p. 106, t. 12, f. 2, t. 13, f. 3, t. 15, f. 3, cut, f. 5, p. 74.	Wellington Valley Caves, N. S. Wales.
<i>T. spelæus</i> , <i>Owen</i> .	Cave-breccia.	<i>Dasyurus lanianus</i> (pars), Owen, Mitchell's *Three Expeds. Int. E. Australia, 1838, ii. p. 363, t. 31, f. 7; <i>T. spelæus</i> , <i>ibid.</i> *Descrip. Cat. Mam. and Aves, R. Coll. Surgeons, 1845, pp. 335, 336, nos. 1548 and 1549; <i>id.</i> Waterhouse, *Nat. Hist. Mam. 1846, i. p. 455; d'Archiac, Faune Quaternaire, 1865, p. 269; Murray, Geogr. Dist. Mam. 1866, p. 362.	Wellington Valley Caves, N. S. Wales.
<i>T. sp. ind.</i>	Cave-breccia.	Krefft, Geol. Mag. 1865, ii. p. 573 (1 or more sp.).	Wellington Valley Caves, N. S. Wales.

Genus *Thylacoleo*, *Owen*, 1858 (Proc. R. Soc. ix. p. 565) = *Schizodon*, Stutchbury (non Agassiz, nec Waterhouse).—*Carpophaga-Phalangistidae*.

<i>T. carnifex</i> , <i>Owen</i> .	Cave-breccia, and Lacustrine Deposits.	<i>Schizodon</i> , sp. Stutchbury, Parl. Blue Book, Dec. 1854, p. 52, cuts, p. 54; <i>T. carnifex</i> , Owen, Proc. R. Soc. 1858, ix. p. 585; *Phil. Trans. 1859, CXLIX, pp. 309—322, t. 11, figs. 1—6, t. 13, figs. 1, 4 and 5, t. 14, f. 1, t. 15, f. 1; Encyclop. Brit. 1859, xvii. p. 175, f. 115; *Palæontology, 1860, p. 396, f. 141; <i>ibid.</i> 2nd ed. 1861, p. 432, f. 173; Falconer, *Quart. Jour. Geol. Soc. 1862, xviii. pp. 353 and 368, figs. 16—19; Krefft, Geol. Mag. 1865, ii. p. 574; d'Archiac, Faune Quaternaire, 1865, p. 269; Owen, Proc. R. Soc. 1865, xiv. p. 343;	Wellington Valley Caves, N. S. Wales. Lake Columboolac, 80 miles S. W. of Melbourne, Vict. Gowrie, Darling Downs, Qu.
------------------------------------	---	--	--

(Marsupialia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>T. sp. ind.</i>		<p>*Phil. Trans. 1866, CLVI. p. 73, t. 2, 3 and 4; Krefft, *Annals Nat. Hist. 1866, XVIII. p. 148, t. 11, f. 1; Flower, *Quart. Jour. Geol. Soc. 1868, XXIV. p. 307; Falconer, *Pal. Mems. 1868, II. p. 437; Krefft, Quart. Jour. Geol. Soc. 1870, XXVI. p. 415; Owen, Proc. R. Soc. 1870, XIX. p. 95; <i>id.</i> *Phil. Trans. 1870, CLX. p. 224; <i>id. ibid.</i> 1871, CLXI. p. 213, t. 11, 12, 13, 14; Krefft, *Annals Nat. Hist. 1872, X. pp. 169 and 181, t. 11, f. 1—4, t. 12; McCoy, *Geol. Survey, Vict. 1876, Dec. III. p. 7, t. 21; *Extinct Mammals of Australia, 1877, pp. 107—188, <i>cuts</i>, f. 1, p. 149, f. 2 and 3, p. 150, f. 4, p. 151, f. 5, p. 152, f. 6—8, p. 153, f. 9 and 10, p. 154, f. 11 and 12, p. 155, f. 13, p. 165, f. 14 and 15, p. 168, f. 16—18, p. 170, f. 19, p. 174; Atlas, t. 6, f. 1, 6, 9, 10 and 12, t. 7, f. 1—14, t. 8, f. 1—6, t. 9, f. 1—9, t. 10, t. 11, t. 13, f. 1, 4—8, t. 14, f. 1, t. 15, f. 1, t. 16, t. 17, t. 18.</p> <p>Krefft, Austr. Vert. 1871, p. 19.</p>	

Genus *Zygomaturus*, Macleay, 1857? (Cat. Donations Australian Mus. Sydney, Aug. 1857?!)—*Carpophaga-Phalangistidae*.

<i>Z. trilobus</i> , Macleay.	<p>*<i>loc. cit.</i>!; in Owen, Quart. Jour. Geol. Soc. 1858, XIV. p. 542; <i>id. ibid.</i> 1859, XV. p. 168; Macdonald, in Owen, <i>loc. cit.</i> p. 169; Owen, <i>loc. cit.</i> p. 170; ?<i>Nototherium Mitchelli</i>, Owen, <i>loc. cit.</i> t. 7, f. 1—4; Huxley, Quart. Jour. Geol. Soc. 1862, XVIII. pp. 423 and 424, <i>note</i>; Krefft, Annals Nat. Hist. 1872, X. p. 180.</p> <p>Austr. Vert. 1871, p. 19.</p>	King's Creek, Darling Downs, Qu.
<i>Z. Macleayi</i> , Krefft (ms.).		

Genus *Phascolomys*. Mr Krefft states that at least twenty species of Wombat existed in Australia during Post Pliocene times (*Austr. Vert.* p. 18).

(Edentata—Rodentia.)

(Post Tertiary.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	------------------------	-------------	-----------------

Section—Placentalia. Order—Edentalia.

Genus *Mylodon*, Owen, 1840. (Zool. Voy. Beagle, pt. i. Foss. Mams. p. 68.)
Bradypodidae.

M.? *Australis*, Krefft.

Austr. Vert. 1871, p. 17; *Mylo-*
don? sp. Annals Nat. Hist.
1872, x. p. 180.

Order—Carnivora.

Genus *Canis*, Linnæus, 1735. (Syst. Nat.!)—*Digitigrada-Canidae*.

C. *Dingo*, Blumen-
bach.

Cave-breccia.

Handbuch, p. 103! Shaw, *Gene-
ral Zool. 1800, i. pt. 2, p. 277,
t. 76; *C. familiaris*, var. *Aus-*
traliasæ, Gray, in Grey's Jour.
Two Expeds. N. and N. W.
Australia, 1841, i. p. 400; *C.*
dingo, Owen, *Osteol. Cat. R.
Coll. Surgeons, ii. pp. 692—694;
Gray, List Mammalia Brit.
Mus. 1843, p. 57; M'Coy, Exhib.
Essay, 1861, p. 168; *id.* Annals
Nat. Hist. 1862, ix. p. 145; *id.*
Geol. Survey, Vict. ½ sheet 7,
N. W. note; *id.* Krefft, Trans.
R. Soc. N. S. Wales, 1862—65,
p. 3; Gould, *Mam. of Austr.
1863, iii. pp. 51 and 52; *left*
lower canine of Dingo? Krefft,
Geol. Mag. 1865, ii. p. 574;
Mivart, Proc. Zool. Soc. 1865,
p. 579, f. 9; Krefft, Trans. R.
Soc. N. S. Wales, 1868, i.
pp. 32 and 34; Gray, Proc. Zool.
Soc. 1868, p. 509; Krefft, *Mam.
of Austr. 1871, t. 2; *Teeth of*
Dingo? *id.* Australian Vert.
1871, p. 17.

Wellington Valley
Cave, N. S.
Wales.

Mt. Macedon Cave,
near Gisborne,
Vict.

Order—Rodentia.

The bones and teeth of six or more species of *Hapalitis* and *Mus* have been found in the Wellington Valley Caves, and exhibit characters by which they may be distinguished from the living forms of the same genera (Krefft, Aust. Vert. p. 17).

(Incertæ Sedis.)

(Incertæ Sedis.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	------------------------	-------------	-----------------

Incertæ Sedis

(including species to which either no definite geological horizon, locality, or systematic position can be assigned).

Plantæ.

Genus **Austrella**, Dana, 1849. (Geol. U. S. Explor. Exped. p. 720.)

<i>A. rigida</i> , Dana.		*loc. cit. p. 720, Atlas, t. 14, f. 7 and 8.	Newcastle, N. S. Wales.
--------------------------	--	---	----------------------------

Class—Actinozoa.

Corallites Wiltoni, <i>Leichhardt</i> .		In Clarke, Quart. Jour. Geol. Soc. 1848, iv. p. 62.	Newcastle, N. S. Wales.
--	--	--	----------------------------

Class—Crustacea (Malacostraca).

Genus **Thalassina**, Latreille, 1806. (Gen. Crust. et Insect. i. p. 51.)
Decapoda-Macrura.

<i>T. Emerii</i> , Bell.		Proc. Geol. Soc. 1844, iv. p. 360, <i>cut</i> ; <i>T. antiqua</i> , Bell, Annals Nat. Hist. 1844, xiv. p. 455; <i>T. Emerii</i> , *Quart. Jour. Geol. Soc. 1845, i. p. 93, <i>cut</i> ; <i>id.</i> et <i>T. antiqua</i> , Bronn, Index Pal. (Nomen), p. 1265.	New Holland.
--------------------------	--	---	--------------

Class—Reptilia (Amphibia).

Genus **Bothriceps**, Huxley, 1859. (Quart. Jour. Geol. Soc. xv. p. 647.)
Labyrinthodontia?

<i>B. Australis</i> , Huxley.		*l. c. p. 647.	Australia.
-------------------------------	--	----------------	------------

(Incertæ Sedis.)

(Incertæ Sedis.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	------------------------	-------------	-----------------

*Class—Mammalia.*Genus **Mastodon**, Cuvier, 1806. (Ann. Museum, viii. p. 270.)—*Proboscidea*.**M. Australis**, Owen. || Vide *Trilophodon*. |Genus **Trilophodon**, Falconer, 1857. (Quart. Jour. Geol. Soc. xiii. pp. 313, 316.)
Proboscidea.**T. Australis**, Owen. |

Mastodon, *Annals Nat. Hist. 1844, xiv. p. 269, figs. 1 and 2; *id.* Hobson, Tas. Jour. ii. p. 208; *id.* Owen, Calcutta, Jour. Nat. Hist. 1845, v. p. 573, f. 1; *id.* d'Archiac, Progrès de la Géol. 1848, ii. pt. 1, p. 417; *id.* Strzelecki, Phys. Descr. N. S. Wales, 1845, p. 312; *Trilophodon Humboldtii*, Falconer (pars), Quart. Jour. Geol. Soc. 1857, xiii. p. 319 (Synop. table); *T. Andium* (Cuv.), *id.* Nat. Hist. Review, 1863, p. 96; *Mastodon Australis*, d'Archiac, Faune Quaternaire, 1865, p. 267; *T. Andium* (Cuv.), Falconer, Pal. Mem. 1868, ii. pp. 14 and 15, Synop. Table, note 1, p. 275, note 2; *M. Australis*, *ibid.* i. pp. 64 and 105.

APPENDIX.

Giving Species or References which have been published whilst the preceding pages have been passing through the press, and too late for insertion in their proper places; or, those which have been previously overlooked.

(Plantæ.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
--------------------	---------------------	-------------	-----------------

Plantæ.

Genus **Clasteria**, Dana, 1847. (Geol. U. S. Expl. Exped. p. 719.) Vide *Vertebraria*.

C. *Australis*, Dana. | Vide *Vertebraria Australis*, M'Coy. |

Genus **Glossopteris**, Brongniart (see pp. 30 and 96).

G. *Browniana*, Brong. | See pp. 30 and 96; Feistmantel, Records Geol. Survey, India, 1877, x. pt. 3, p. 140, pt. 4, p. 203; *id.* Pal. Indica, 1877, ser. xi. No. 2, p. 9. |

Genus **Tasmanites**, E. T. Newton, 1875 (Geol. Mag. Dec. 2, ii. p. 341) = *Sporangites* (in part), Dawson.—*Cryptogamia-Lycopodiaceæ*.

T. <i>punctatus</i> , Newton.	Devonian or Carboniferous?	Milligan, Proc. R. Soc. V. D. Land, 1852, ii. pp. 96 and 97; Archer, <i>ibid.</i> p. 511; <i>Particles or flakes</i> , Penny, <i>ibid.</i> 1855, iii. p. 108; Moore, <i>ibid.</i> p. 177; <i>Discs</i> , Lee, <i>ibid.</i> p. 187; <i>Sporangia</i> , Balfour, Trans. R. Soc. Edinb. 1857, xxi. p. 193, Expl. pl. 2; <i>Resinous particles</i> , Gould, Report on Resinous Shales, R. Mersey, 1861, p. 3; Church, Chem. News, 1862, vi. p. 122; <i>Algæ</i> , Ralph, Trans. R. Soc. Viet. 1865, vi. p. 7; <i>Discs</i> , Carruthers, Geol. Mag. 1865, ii. p. 439; <i>Scales</i> , Church, Phil. Mag. pp. 465, 466, f. 1—6; <i>Spores</i> , &c. Dawson, American Jour. Sc. 1871, ci. p. 257; <i>id.</i> Canadian	R. Mersey, Tas.
-------------------------------	----------------------------	---	-----------------

(Animalia.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
		Nat. and Geol. 2nd ser. v. 1871, p. 371; <i>Spores</i> , &c. Huxley, Critiques and Addresses, no. 5, 1873, p. 103; <i>Sporangia</i> , Lyell, Student's Elements, 2nd ed. 1874, p. 405, f. 448 C and D; <i>Tasmanites punctatus</i> , E. T. Newton, *Geol. Mag. 1875, Dec. 2, II. pp. 337—342, t. 10, f. 1—9; <i>T. Australis</i> , Johnston, On <i>Tasmanite</i> , or Mersey Yellow Coal, &c., 1877, p. 6; Newton, Proc. R. Soc. Tas. for 1876 (1877), p. 4.	

Genus **Vertebraria** (Royle), *McCoy* (see p. 101) = *Clasteria*, Dana.

V. <i>Australis</i> , <i>McCoy</i> .	See p. 101; <i>Clasteria Australis</i> , Dana, Geol. U. S. Expl. Exped. p. 719, Atlas, t. 14, f. 3—5; Clarke, S. Goldfields, 1860, 2nd ed. p. 285; <i>V. Australis</i> + <i>C. Australis</i> , Feistmantel, Records Geol. Survey, India, 1877, x. pt. 4, p. 199.
--------------------------------------	--

Genus **Zeugophyllites**, *Brong.* (see p. 101).

Z. <i>elongatus</i> , <i>Morris</i> .	See p. 101; Feistmantel, Records Geol. Survey, India, 1877, x. pt. 4, p. 200.
---------------------------------------	---

Animalia.

Genus **Purisiphonia**, *Bowerbank*, 1869. (Proc. Zool. Soc. 1869, p. 342; see p. 104.)
Rhizopoda-Spongida.

P. <i>Clarki</i> , <i>Bowerbank</i> .	See p. 104; *Proc. Zool. Soc. 1869, p. 342, t. 25, f. 6 and 7; Carter, *Annals Nat. Hist. 1878, I. p. 376.
---------------------------------------	--

Genus **Goniograptus**, *McCoy*, 1876. (Annals Nat. Hist. XVIII. p. 130.)
Hydrozoa-Graptolitida.

G. <i>Thureaui</i> , <i>McCoy</i> .	L. Sil. (Lland. Flags).	<i>Didymograptus</i> (<i>Goniograptus</i>), *loc. cit. p. 189, fig.; <i>Graptolites</i> (<i>Didymograptus</i>), *Geol. Survey, Vict. Dec. v. 1877, p. 39, t. 50, f. 1—4.	Sandhurst (Bendigo), Vict.
-------------------------------------	-------------------------	--	----------------------------

(Animalia.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Ceratotrochus , <i>Edwards and Haime</i> , 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 248; Edwards, Hist. Nat. Corall. ii. p. 73.)— <i>Actinozoa-Aporosa-Turbinolida</i> .			
<i>C. fenestratus</i> , <i>Tenison-Woods</i> .	Tertiary.	Fide Tenison-Woods (<i>in lit.</i>).	
Genus Graphularia , <i>Edwards and Haime</i> , 1850. (Mon. Brit. Foss. Corals, Introd. p. lxxxiii.; Edwards, Hist. Nat. Corall. i. p. 216.)— <i>Actinozoa-Alcyonaria-Pennatulida</i> .			
<i>G. Robinae</i> , <i>M'Coy</i> .		*Geol. Survey, Vict. Dec. v. 1877, p. 32, t. 48, f. 2—4 (compare <i>Belemnite senescens</i> , Tate.)	Waurin Ponds, nr. Geelong, Vict.
Genus Platytrochus , <i>Edwards and Haime</i> , 1848. (Ann. Sc. Nat. 3rd ser. ix. p. 246; Edwards, Hist. Nat. Corall. ii. p. 71.)— <i>Actinozoa-Aporosa-Turbinolida</i> .			
<i>P. fissicostatus</i> , <i>Tenison-Woods</i> .	Tertiary.	Fide Tenison-Woods (<i>in lit.</i>).	
<i>P. planicostatus</i> , <i>Tenison-Woods</i> .	Tertiary.	Fide Tenison-Woods (<i>in lit.</i>).	
Genus Salenia , <i>Wright</i> (see p. 143).— <i>Echinodermata</i> .			
<i>S. Tertiaria</i> , <i>Tate</i> .		See p. 143; Duncan, Annals Nat. Hist. 1878, ii. p. 60.	
Genus Buskia , <i>Tenison-Woods</i> ¹ , 1876. (Notes, Tertiary, Foss. Tas. p. 63.) <i>Polyzoa-Cheilostomata</i> .			
<i>B. typica</i> , <i>Tenison-Woods</i> .	Table Cape Series (L. or M. Ter.?).	loc. cit. p. 63.	Table Cape, Tas.
Genus Atrypa , <i>Dalman</i> (see p. 18).— <i>Brachiopoda</i> .			
<i>A. reticularis</i> , <i>Linn.</i>	Up. Sil.	See p. 18; M'Coy, *Geol. Survey, Vict. Dec. v. p. 25, t. 47, f. 1 and 2.	Yering, Vict.
Genus Nucleospira , <i>Hall</i> (see p. 20).— <i>Brachiopoda</i> .			
<i>N. Australis</i> , <i>M'Coy</i> .		See p. 20; *Geol. Survey, Vict. Dec. v. 1877, p. 27, t. 47, f. 7 and 8.	
Genus Pentamerus , <i>J. Sowerby</i> (see p. 20).— <i>Brachiopoda</i> .			
<i>P. Australis</i> , <i>M'Coy</i> .	Up. Sil. (May Hill Sandstone).	See p. 20; *Geol. Survey, Vict. Dec. v. 1877, p. 28, t. 47, f. 9—12.	Yering, Vict.

¹ I have already pointed out in the *Geological Magazine* (Dec. 2, 1877, iv. p. 417 note), that Prof. Busk's name has been previously used in a generic sense by the late Mr Alder for a recent Polyzoan (see Alder, *Trans. Tyneside Nat. Field Club*, iii. p. 156). It will in consequence be necessary for the author of the above genus to make some alteration in his name.

(Animalia.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus <i>Rhynchonella</i> , Fischer (see p. 21).			
<i>R. decemplicata</i> , J. de C. Sowerby.	Up. Sil. (May Hill Sandstone).	<i>Terebratula</i> , Sil. System, 1839, p. 641, t. 21, f. 17; <i>Rhynchonella</i> , Salter, *Mem. Geol. Survey, Gt. Brit. 1866, III. p. 278; <i>R. (Hemithyris)</i> , M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 26, t. 47, f. 3—6.	Wallan, &c., Vict.

Genus *Spirifera*, J. Sowerby (see p. 22).

<i>S. plicatella</i> , Linn.	Up. Sil. (Wenlock).	See p. 22; <i>S. plicatella</i> , var. <i>macropleura</i> (Conrad), M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 22, t. 46, f. 7 and 8.	
<i>S. sulcata</i> , Hisinger.	Up. Sil. (Wenlock).	<i>Delthyris</i> , *Lethæa Suecica, 1837, p. 73, t. 21, f. 6; <i>Spirifera</i> , Davidson, *Mon. Brit. Sil. Brach. p. 91, t. 10, f. 4—6; <i>id.</i> M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 23, t. 46, f. 9 and 10.	Yering, Vict.

Genus *Strophomena*, Blainville (see p. 22).—*Brachiopoda*.

<i>S. rhomboidalis</i> , Wilckens.	Up. Sil. (Wenlock).	See p. 22; <i>Leptaena (Leptagonia)</i> , M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 19, t. 46, f. 1.	Yering, Vict.
------------------------------------	---------------------	---	---------------

Genus *Trematospira*, Hall (see p. 23).—*Brachiopoda*.

<i>T. formosa</i> , Hall.		See p. 23; M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 22, t. 46, f. 7 and 8.	
<i>T. liopleura</i> , M'Coy.		See p. 23; M'Coy, *Geol. Survey, Vict. Dec. v. 1877, p. 21, t. 46, f. 2—5.	

Genus *Pecten*, O. F. Müller (see p. 76).—*Pelecypoda*.

<i>P. asperrimus</i> , Lamarck.	Pliocene.	Histoire Anim. sans Vertèb. VI. p. 174; G. B. Sowerby, jun. Thesaurus Conchyl. I. p. 75, no. 94; Reeve, Conch. Iconica, 1855, VIII. Mon. Genus Pecten, no. 75, t. 20, f. 75; Adams, Genera, 1858, II. p. 551; Tension-Woods, Census, Marine Shells of Tasmania, p. 33; ? = <i>P. Australis</i> , G. B. Sowerby, jun. loc. cit. p. 76, t. 19, f. 210 and 220; <i>id.</i> Angus, Proc. Zool. Soc. 1865, p. 656.	Government House Quarry, Adelaide, S. Australia.
---------------------------------	-----------	---	--

(Animalia.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
<i>P. Foulcheri</i> , <i>Tenison-Woods</i> .		Fide Tenison-Woods (<i>in lit.</i>).	
<i>P. Gambierensis</i> , <i>Tenison-Woods</i> .		Fide Tenison-Woods (<i>in lit.</i>).	

Genus *Bulla*, *Klein* (see p. 159).

<i>B. oblonga</i> , <i>A. Adams</i> .	Raised Beaches.	Angas, Proc. Zool. Soc. 1867, p. 226; Hutton, *Cat. Marine Moll. N. Zealand, 1873, p. 52; Tenison-Woods, Census, Marine Shells of Tasmania, p. 24 (= <i>B. Australis</i> , of some authors, non Q. and G.).	Guichen Bay, and Lake Eliza, S. Australia.
---------------------------------------	-----------------	---	--

Genus *Cypræa*, *Linnaeus* (see p. 161).—*Gasteropoda*.

<i>C. consobrina</i> , <i>M' Coy</i> .	Oligocene, or L. Miocene?	<i>Cypræa (Aricia)</i> , *Geol. Survey, Vict. Dec. v. 1877, p. 36, t. 49, f. 2.	Moorabool R., Vict.
<i>C. contusa</i> , <i>M' Coy</i> .	Oligocene.	<i>Cypræa (Luponia)</i> , *Geol. Survey, Vict. Dec. v. 1877, p. 37, t. 49, f. 3 and 4.	Mounts Eliza and Martha, Vict.
<i>C. leptorhyncha</i> , <i>M' Coy</i> .	Oligocene.	<i>Cypræa (Luponia)</i> , *Geol. Survey, Vict. Dec. v. 1877, p. 35, t. 49, f. 1.	Mounts Eliza and Martha, Vict.

Genus *Lunella*, *Bolten*, 1798. (Adams, Genera, Recent Moll. 1854, i. p. 54.)

<i>L. undulata</i> , <i>Chemnitz</i> .	Raised Beaches.	<i>Turbo</i> , Conch. Cab. x. t. 169, f. 1640—41 !; Reeve, Conch. Iconica, 1847, iv. Mon. Genus Turbo, no. 3, t. 1, f. 3 a and b; <i>Lunella</i> , Adams, Genera, 1854, i. p. 324; <i>id.</i> Angas, Proc. Zool. Soc. 1865, p. 177; <i>id.</i> <i>ibid.</i> <i>id.</i> 1867, p. 213; <i>Turbo</i> , Hutton, Cat. Marine Moll. N. Zealand, 1873, p. 34; <i>id.</i> v. Martens, Critical List, Moll. N. Zealand, 1873, p. 80; <i>id.</i> Tenison-Woods, Census, Marine Shells of Tasmania, p. 15.	Australia.
--	-----------------	---	------------

Genus *Natica*, *Adanson* (see p. 114).—*Gasteropoda*.

<i>N. polita</i> , <i>Tenison-Woods</i> .		Fide Tenison-Woods (<i>in lit.</i>).	
---	--	--	--

Genus *Pleurotomaria*, *DeFrance* (see p. 85).—*Gasteropoda*.

<i>P. Woodsii</i> , <i>Johnston</i> .	Devonian or Carboniferous?	On Tasmanite, or Mersey Yellow Coal, 1877, p. 8.	River Mersey, Tas.
---------------------------------------	----------------------------	--	--------------------

(Animalia.)

(Appendix.)

Genus and Species.	Strat. Subdivision.	References.	Localities, &c.
Genus Rissoina , <i>d'Orbigny</i> (see p. 114).— <i>Gasteropoda</i> .			
<i>R. concatenata</i> , <i>Tenison-Woods</i> .	?Table Cape Series (L. or M. Ter.?).	Proc. R. Soc. Tas. for 1876 (1877), p. 155.	Table Cape?, <i>Tas.</i>
Genus Ceratodus , <i>Agassiz</i> , 1838. (Poissons Foss. III. pp. 129 and 166; Gunther, Phil. Trans. 1871, CLXI. pt. 2, p. 514; Miall, Mon. Sirenoid and Crossop. Ganoids, 1872, p. 18.)— <i>Ganoidei</i> .			
<i>C. sp. ind.</i>	River Gravels? (P. Tertiary.)	Clarke, Remarks Sed. Formations N. S. Wales, 1875, p. 60; <i>id.</i> Mines and Min. Statistics, N. S. Wales, 1875, p. 205; Miall, Pal. Indica, 1878, iv. no. 2, p. 17.	Darling Downs, <i>Queensland</i> .
Genus Thylacinus , <i>Temminck</i> (see p. 194).— <i>Marsupialia</i> .			
<i>T. major</i> , <i>Owen</i> .	Cave-breccia.	<i>Dasyurus</i> , <i>sp.</i> Mitchell's Two Expeds. Int. E. Austr. 1838, p. 363, t. 31, f. 7; <i>Thylacinus</i> , Foss. Mam. Australia, p. 106, t. 5, f. 7—9.	Wellington Valley Caves, <i>N. S. Wales</i> .

LIST OF THE MORE IMPORTANT WORKS, REPORTS,
AND PAPERS CONSULTED IN THE COMPILATION
OF THE "CATALOGUE OF AUSTRALIAN FOSSILS."

- Adams, A. On the Animal of *Liotia*. Gray, &c. (*Proc. Zool. Soc.* 1850.)
- Adams, A. On the Genera and Species of recent Brachiopoda found in the seas of Japan. (*Annals Nat. Hist.* 1863, xi.)
- Adanson. Histoire Naturelle du Sénégal. Coquillages. Paris, 1757. 4to.
- Agassiz, A. Illustrated Catalogue of the Museum of Comparative Zoology at Harvard College. No. VII. Revision of the Echini. Parts 1—4. 4to. Cambridge (Mass.), 1872—74.
- Agassiz, L. Prodrome d'une monographie des Radiaires ou Echinodermes. (*Mém. Soc. Sciences Nat. Neuchatel*, 1835, i.)
- Agassiz, L. Description des Echinodermes fossiles de la Suisse; prem. partie, Spatangoides et Clypeastroides; sec. partie, Cidarides. (*Nouv. Mém. Soc. Helvétique*. 1839, vol. III., and 1840, vol. IV.)
- Agassiz, L. Etudes Critiques sur les Mollusques fossiles. Monographie des Myes. Neuchatel, 1842—45. 4to.
- Agassiz, L. Recherches sur les Poissons fossiles, &c. Neuchatel, 1833—43. 5 vols. 1.p. 4to; 5 vols. pls. folio.
- Agassiz, L. Monographie des Poissons fossiles du Vieux Grès-rouge ou Système Dévonien (Old Red Sandstone des Iles Britanniques, et de Russie). 4to, 1844. Atlas, folio, 1844—45, Neuchatel.
- Agassiz, L. et E. Desor. Catalogue Raisonné des Familles des Genres et des Espèces de la Classe des Echinodermes. (*Annales des Sciences Naturelles; Zoologie*. 3rd Series. Vol. VI. 1846, VII. 1847, VIII. 1847.)
- Alth, Dr A. Geognostisch-paläontologische Beschreibung der nächsten Umgebung von Lemberg. (*Haidinger's Naturwiss. Abhandl.* 1849, III.)
- Angas, G. F. On the Marine Molluscan Fauna of the Province of South Australia, &c. Pts. 1 and 2. (*Proc. Zool. Soc.* 1865.)
- Angas, G. F. A List of Species of Marine Mollusca found in Port Jackson Harbour, New South Wales, and on the adjacent coasts, with Notes on their Habits, &c. (*Proc. Zool. Soc.* 1867.)
- Anon. G. B. Sowerby's Genera of Recent and Fossil Shells, &c. (*Zool. Jour.* 1827—28, III.)
- Archer, W. On the Combustible Schist found at the Mersey River, Tas. (*Proc. R. Soc. V. D. Land*, II. p. 511.)
- Balfour, Prof. J. H. On certain Vegetable Organisms found in Coal from Fordel. (*Trans. R. Soc. Edinb.* 1857, XXI. pt. 1.)
- Barrande, J. Système Silurien du Centre de la Bohême. 12 vols. à Prague et Paris. 4to.
- Barrande, J. Notice préliminaire sur le Système Silurien, et les Trilobites de Bohême. Leipzig, 1846. 8vo.
- Barrande, J. Graptolites de Bohême. 1850. 8vo.
- Becker, L. On the Age of the Animal and Vegetable Kingdoms of Australia relatively to that of the rest of the World; and some remarks on the Changes of this Land by Upheavals. (*Trans. Phil. Inst. Vict.* 1857, i.)

- Bell, Prof. T. On the *Thalassina Emerii*, a Fossil Crustacean, forwarded by Mr W. S. Macleay, from New Holland. (*Proc. Geol. Soc.* 1844, iv.; *Quart. Jour. Geol. Soc.* 1845, i.)
- Bell, Prof. T. On a Fossil Crustacean from New Holland. (*Annals Nat. Hist.* 1844, xiv.)
- Beneden, van, & P. Gervois. Ostéographie des Cétacés vivants et fossiles, &c. Paris, 4to. (Livraison 13.)
- Bennett, Dr G. Notes on the *Chlamydosaurus*, or Frilled Lizard of Queensland (*Ch. Kingii* Gray), and the discovery of a Fossil Species on the Darling Downs, Queensland. (*Proc. R. Soc. Tas.* for 1875.)
- Berkeley, Rev. M. J. Observations upon the *Dentalium subulatum* of Deshayes. (*Zool. Jour.* 1832—34, v.)
- Beyrich. Über einige böhmische Trilobiten. Berlin, 4to. 1845.
- Beyrich. Gebirgsarten und Versteinerungen von Koepang auf Timor. (*Zeit. deutschen geol. Gesellschaft.* 1862, xiv.)
- Beyrich. Über eine Kohlenkalk-Fauna von Timor. (*Abhandl. d. K. Akad. d. Wissensch. zu Berlin aus dem Jahre* 1864, xxxvi. 1865.)
- Beyrich. Über einige Trias-Ammoniten aus Asien. (*Monats. d. K. Preuss. Akad. d. Wissen., aus dem Jahre* 1864. Berlin, 1865.)
- Bigsby, Dr J. J. Thesaurus Siluricus. The Flora and Fauna of the Silurian Period. London, 1868. 4to.
- Billings, E. Report in Logan's Report of Progress, Geological Survey of Canada, for the year 1857. Montreal, 1858. 8vo.
- Billings, E. Palæozoic Fossils. Geological Survey of Canada. Vol. i. 1861—5. Montreal. 8vo.
- Billings, E. On the Parallelism of the Quebec Group, with the Llandeilo of England and Australia, &c. (*Canadian Nat. and Geol.* 1863, viii.)
- Blainville, de. Article "Mollusques." (*Dict. Sci. Nat.* 1824, xxxii.)
- Blainville, H. M. D. de. Manuel de Malacologie et de Conchyliologie. Paris, 1825—27. 2 vols. 8vo.
- Blainville, de. Article "Zoophytes." (*Dict. Sci. Nat.* 1830, lx.)
- Blandowski, W. Report II. to the Honourable the Surveyor-General on an excursion to Frankston, Balcomb's Creek, Mount Martha, Port Phillip Heads, and Cape Shank. (*Trans. Phil. Inst. Vict.* 1857, i.)
- Blandowski, W. Report III. to the Honourable the Surveyor-General on an Excursion from King's Station to Bass' River, Phillip and French Islands. (*Trans. Phil. Inst. Vict.* 1857, i.)
- Bosquet, J. Monographie des Crustacés fossiles du Terrain Crétacé du Duché de Limbourg. Haarlem. 4to.
- Bowerbank, Dr J. S. A Monograph of the British Spongiadae. 8vo. London, 3 vols.; *Ray Soc.* (Vol. i. 1864.)
- Bowerbank, Dr J. S. A Monograph of the Siliceo-fibrous Sponges. (*Proc. Zool. Soc.* 1869.)
- Brady, G. S. On New or Imperfectly known Species of Ostracoda. (*Trans. Zool. Soc.* 1865, v. pt. 5.)
- Brady, G. S. A Synopsis of the Recent British Ostracoda. (*Intellectual Observer*, 1868, xii.)
- Brady, G. S. A Monograph of the Recent British Ostracoda. (*Trans. Linn. Soc.* xxvi.)
- Brady, H. B. Contributions to the knowledge of the Foraminifera. On the Rhizopodal fauna of the Shetlands. (*Trans. Linn. Soc.* 1864, xxiv.)
- Brady, H. B., W. K. Parker and T. Rupert Jones. A Monograph of the Genus *Polymorphina*. (*Trans. Linn. Soc.* 1871, xxvii.)
- Brander, G. Fossilia Hantoniensia collecta, et in Musæo Britannico deposita. Londini. 1766. 4to.
- Breynius. Dissertatio Physica de Polythalamiis. Gedani (Dantzie). 1732. 4to.

- Brocchi, G. Conchiologia fossile subapennina con Osservazioni geologiche sugli Apennini e sul suolo adiacente. Milano, 1814. 2 vols. 4to.
- Brongniart, A. Histoire Naturelle des Crustacés fossiles, sous les Rapports Zoologiques et Géologiques. Savoir: Les Trilobites. Paris, 1822. 4to.
- Brongniart, A. Prodrôme d'une Histoire des Végétaux Fossiles. Paris, 1828. 8vo.
- Brongniart, A. Histoire des Végétaux fossiles. Paris, 1828. 4to.
- Bronn, H. G. Index Palæontologicus oder Übersicht der bis jetzt bekannten fossilen Organismen. Nomenclator. Stuttgart, 1848. 8vo.
- Bronn, H. G. Lethæa Geognostica oder Abbildung und Beschreibung der für die Gebirges-Formationen bezeichnendsten Versteinerungen. Stuttgart, 3 vols. 8vo., 1 vol. plates. imp. 4to. 1851—56.
- Brown, R. On the Proteaceæ of Jussieu. (*Trans. Linn. Soc.* 1811, x.)
- Brüggemann, Dr F. Notes on Stony Corals in the Collection of the British Museum. (*Annals Nat. Hist.* 1877, xx.)
- Bruguière. Histoire naturelle des Vers. (*Encyclopédie Méthodique.*) Paris, 4to. 3 vols. (Tome i. 1789 par Bruguière. Tome ii. 1830, et iii. 1832, par G. P. Deshayes.)
- Buch, L. von. Über *Spirifer Keilhavii*, &c. (*Abh. d. K. Akad. d. Wissensch. zu Berlin aus dem Jahre* 1846, xi. 1848.)
- Buch, L. von. Remarks on the *Spirifer Keilhavii*. (*Quart. Jour. Geol. Soc.* 1847, iii.)
- Bunbury, Sir C. J. F. Notes on a Collection of Fossil Plants from Nágpur, Central India. (*Quart. Jour. Geol. Soc.* 1861, xvii.)
- Burman, J. Thesaurus Zeylanicus. 4to. Amsterdam, 1737.
- Burmeister, H. The Organization of Trilobites, deduced from their Living Affinities, &c. (English Translation by Profs. Bell and Forbes.) London, 1846. 4to. (*Ray Soc.*)
- Busk, Prof. G. Catalogue of Marine Polyzoa in the Collection of the British Museum. London. Pts. 1 and 2. 1852—4. Pt. 3, 1875.
- Busk, Prof. G. Zoophytology. (*Quart. Jour. Micro. Science.* 1855, iii.)
- Busk, Prof. G. A Monograph of the Fossil Polyzoa of the Crag. London, 1859, 4to. (*Pal. Soc.*)
- Busk, Prof. G. Notes on Fossil Polyzoa from the Polyzoal Limestone of Mt Gambier, S. Australia. (*Quart. Jour. Geol. Soc.* xvi.)
- Busk, Prof. G. Description of New Polyzoa, collected by J. Y. Johnson at Madeira in the years 1859 and 1860. (*Quart. Jour. Micro. Science*, n. ser. i. 1861.)
- Carpenter, W. B. (assisted by W. K. Parker and T. R. Jones.) Introduction to the Study of the Foraminifera. (*Ray Soc.*) London, 1862. 4to.
- Carruthers, W. On an Undescribed Cone from the Carboniferous beds of Airdrie, Lanarkshire. (*Geol. Mag.* 1865, ii.)
- Carruthers, W. Notes on some Fossil Plants. (*Geol. Mag.* 1872, ix.)
- Carruthers, W. Notes on Fossil Plants from Queensland. (*Quart. Jour. Geol. Soc.* 1872, xxviii.)
- Carter, H. G. Emendatory Description of *Purisiphonia Clarkei*. Bk., a Hexactinellid Fossil Sponge from N. W. Australia. (*Annals Nat. Hist.* 1878, i.)
- Carter, H. J. On the Form and Structure of the Shell of *Operculina Arabica*. (*Annals Nat. Hist.* 1852, x.)
- Chemnitz, J. H. Neues systematisches Conchylien-Cabinet. 11 vols. 4to. (Vol. xi, 1795.)
- Chenu, Dr J. C. Manuel de Conchyliologie et de Paléontologie conchyliologique. Paris, 2 vols. 8vo. 1859—62.
- Church, Prof. A. H. Notes on the Minerals Dysodile and Albertite. (*Chem. News*, 1862, vi.)

- Church, Prof. A. H. On Tasmanite, a new Mineral of Organic Origin. (*Phil. Mag.* 1864, xxviii.; *Geol. Mag.* 1865, ii.)
- Clarke, Rev. W. B. Remarks on the Identity of the Epoch of the Coal-beds and Palæozoic Rocks of N. S. Wales. (*Annals Nat. Hist.* 1848, ii.)
- Clarke, Rev. W. B. On the Genera and Distribution of Plants in the Carboniferous System of New South Wales. (*Quart. Journ. Geol. Soc.* 1848, iv.)
- Clarke, Rev. W. B. On the Occurrence of Trilobites in New South Wales, &c. (*ibid.*)
- Clarke, Rev. W. B. Extract from Remarks on the Bones brought to Sidney by Mr Turner, published in the 'Sidney Morning Herald' of Nov. 30, 1847. (*Parl. Blue Book*, Dec. 1854; London, 1855.)
- Clarke, Rev. W. B. On the Occurrence of Fossil Bones in the Auriferous Alluvia of New South Wales. (*Quart. Journ. Geol. Soc.* 1855, xi.)
- Clarke, Rev. W. B. Researches in the Southern Goldfields of New South Wales. Sidney, 2nd Ed. 1860.
- Clarke, Rev. W. B. On the Relative Positions of certain Plants in the Coal-bearing beds of Australia. (*Quart. Journ. Geol. Soc.* 1861, xvii.)
- Clarke, Rev. W. B. On the Occurrence of Mesozoic and Permian Faunæ in Eastern Australia. (*Quart. Journ. Geol. Soc.* 1862, xviii.)
- Clarke, Rev. W. B. On the Coal seams near Stony Creek (junction of Singleton and Wollombi roads), West Maitland District, New South Wales. (*Trans. R. Soc. Vict.* 1865, vi.)
- Clarke, Rev. W. B. On the Carboniferous and other Geological relations of the Maranoa District in Queensland, in reference to a discovery of Zoological Fossils in Wollombilla Creek and Stony Creek, West Maitland. (*Trans. R. Soc. Vict.* 1865, vi.)
- Clarke, Rev. W. B. On Marine Fossiliferous secondary Formations in Australia. (*Quart. Jour. Geol. Soc.* 1867, xxiii.)
- Clarke, Rev. W. B. *Dinornis*, an Australian Genus. (*Geol. Mag.* 1869, vi.)
- Clarke, Rev. W. B. The *Dinornis* and Saurian Remains in Australia. (*American Jour. Sc.* 1870, xlix.)
- Conrad, T. A. Third Annual Report on the Palæontology of the Geological Survey of New York. (*Assembly Papers*, No. 50, Jan. 24, 1840.)
- Conrad, T. A. Descriptions of new species of Organic Remains belonging to the Silurian, Devonian, and Carboniferous systems of the United States. (*Jour. Acad. Nat. Sci. Philadelphia*, 1842, vii. pt. 2.)
- Conybeare, Rev. W. D., and Phillips, W. Outlines of the Geology of England and Wales, &c., 1822, pt. 1, 8vo.
- Crépin, F. Note sur le *Pecopteris odontopteroides*. Morris. (*Bull. de l'Acad. R. de Belgique*, 1875, xxxix.)
- Crosse, H. et P. Fischer. Diagnoses Molluscorum Australiæ meridionalis. (*Jour. de Conchyliologie*, 1864, xii.)
- Cuvier, F. De quelques Espèces de Phoques et des groupes génériques entre lesquels elles se partagent. (*Mém. du Mus. d'Hist. Nat.* 1824, xi.)
- Cuvier, F. Histoire naturelle des Mammifères. Paris. Folio.
- Cuvier, G. Leçons d'Anatomie Comparée. Paris, 1805. (Tableau Général des classes des Animaux.)
- Cuvier, G. Tableau élémentaire de l'Histoire Naturelle des Animaux. Paris. 8vo. An 6.
- Cuvier. Suite du Mémoire sur les Éléphants vivans et fossiles. (*Annales du Mus. d'Hist. Nat.* 1806, viii.)
- Cuvier, Le Chev. Le Règne Animal distribué d'après son organisation, &c. Paris, 4 vols. 1817. 8vo.
- Czjžek, J. Beitrag zur Kenntniss der fossilen Foraminiferen des Wiener Beckens. (*Haidinger's Naturwissen. Abhandl.* 1848, ii.)
- Daintree, R. On the age of the New South Wales Coal-beds. (*Geologist*, 1864, vii.; *Coll. Guardian*, 1864, vii.)

- Daintree, R. Notes on the Geology of the Colony of Queensland. (*Quart. Jour. Geol. Soc.* 1872, xxviii.)
- Dalman, J. W. Om Palæaderna eller de så kallade Trilobiterna. Stockholm, 1827. 4to. (*Ur K. Vet. Acad. Handlingar för år 1826.*)
- Dana, J. D. Description of Fossil shells of the Exploring Expedition under the command of Charles Wilkes, U.S.N., obtained in Australia from the lower layers of the Coal Formation in Illawarra, and from a deposit probably of nearly the same age at Harper's Hill, Valley of the Hunter. (*American Jour. Science*, 1847, iv.)
- Dana, J. D. Fossils of the Exploring Expedition under the command of Charles Wilkes, U.S.N. (*American Jour. Science*, 1848, v.)
- Dana, J. D. Geology of the United States Exploring Expedition during the years 1838—42, under the command of Charles Wilkes, U.S.N. 4to; Atlas, folio; New York. n. d.
- D'Archiac, A. Histoire des Progrès de la Géologie de 1834—1845. Paris, 8vo. (Vol. II. pt. 1, 1848.)
- D'Archiac, A. Note sur le genre *Murchisonia*. (*Bull. Soc. Géol. France*, 1841, xii.)
- D'Archiac, Le Vicomte, et J. Haime. Description des Animaux fossiles du Groupe Nummulitique de l'Inde, précédée d'un Résumé géologique et d'une Monographie des Nummulites. Paris, 1853. 4to.
- D'Archiac, A. Leçons sur la Faune Quaternaire, &c. Paris, 1865. 8vo.
- Darwin, C. Geological Observations on the Volcanic Islands visited during the voyage of H.M.S. Beagle, &c. London, 1844. 8vo.
- Darwin, C. Geological Observations on the Volcanic Islands and parts of South America, visited during the voyage of H. M. S. Beagle. 2nd ed. 1876.
- Davidson, T. Mémoire sur les Brachiopodes du système Silurien supérieur d'Angleterre. (*Bull. Soc. Géol. France*. 2nd ser., 1848, v.)
- Davidson, T. Monograph of the British Fossil Brachiopoda. Part 1. General Introduction; III. On the Classification of the Brachiopoda. London, 4to. 1851—54. (*Pal. Soc.*)
- Davidson, T. A Monograph of British Oolitic and Liassic Brachiopoda, 1851, London, 4to. (*Pal. Soc.*)
- Davidson, T. Notes and Descriptions of a few Brachiopods, &c. (*Annals Nat. Hist.* 1852, ix.)
- Davidson, T. A Monograph of British Carboniferous Brachiopoda. London, 1857—62. 4to. (*Pal. Soc.*)
- Davidson, T. On Tertiary Brachiopoda. (*Geologist*, 1862, v.)
- Davidson, T. On some Carboniferous Brachiopoda collected in India, &c. (*Quart. Jour. Geol. Soc.* 1862, xviii.)
- Davidson, T. A Monograph of British Devonian Brachiopoda. London, 1864—65. 4to. (*Pal. Soc.*)
- Davidson, T. A Monograph of British Silurian Brachiopoda. London, 1866—69. 4to. (*Pal. Soc.*)
- Davidson, T. On Japanese Recent Brachiopoda. (*Proc. Zool. Soc.* 1871.)
- Davies, W. and W. J. Barkas. List of Palæozoic Fishes. (*Geol. Mag.* 2nd ser. i. 1874.)
- Dawson, Dr J. W. On an Undescribed Fossil Fern from the Lower Coal Measures of Nova Scotia. (*Quart. Jour. Geol. Soc.* 1861, xvii.)
- Dawson, Dr J. W. On the Flora of the Devonian Period in North-Eastern America. (*Quart. Jour. Geol. Soc.* 1862, xviii.)
- Dawson, Dr J. W. The Fossil Plants of the Devonian and Upper Silurian Formations of Canada. Montreal, 1871. 8vo. (*Mem. Geol. Survey, Canada.*)
- Dawson, Dr J. W. On Spore Cases in Coals. (*American Jour. Sc.* 1871, 3rd ser. CL.; *Canadian Nat. and Geol.* 2nd ser. v. no. 4, 1871.)
- Defrance. Article "Peigne" (*Pecten*) (*Dict. Sci. Nat.* 1825, xxxviii.)

- Defrance. Article "Productus." (*Dict. Sci. Nat.* 1826, XLIII.)
- Defrance. Article "Pleurotomaire." (*Dict. Sci. Nat.* 1826, XLI.)
- Defrance. Prodrôme—Tableau des Corps Organisés Fossiles précédé de Remarques sur leur Pétrification. Paris, 1824. 8vo.
- De la Beche. Handbuch der Geognosie. Nach der zweiten Auflage des Engl. Originals bearbeitet von H. von Dechen. Berlin, 1832. 8vo.
- Deshayes, G. P. Description des Coquilles fossiles des environs de Paris. 3 vols. Paris, 1824. 4to.
- Deshayes, G. P. Anatomie et Monographie du Genre *Dentalium*. 4to.
- Deshayes, G. P., and H. Milne Edwards. Lamarck's Histoire naturelle des Animaux sans Vertèbres. 11 vols. Paris, 1835—45. 8vo.
- Deshayes, G. P. Description des Animaux sans Vertèbres découverts dans le Bassin de Paris, pour servir de supplément à la description des Coquilles Fossiles des Environs de Paris, &c. Paris, 1860—64. (Vol. II., 1864.)
- Donovan, E. The Natural History of British Shells, including Figures and Descriptions of all the Species hitherto discovered in Great Britain, &c. 5 vols. London, 8vo.
- D'Orbigny, A. Tableau Méthodique de la classe des Céphalopodes. (*Ann. des Sci. Nat.* 1826, VII.)
- D'Orbigny, A. Foraminifères des Iles Canaries. 1839. 4to.
- D'Orbigny, A. Mémoire sur les Foraminifères de la Craie blanche du Bassin de Paris. (*Mém. Soc. Géol. de France*, 1840, IV. pt. 1.)
- D'Orbigny, A. Voyage dans l'Amérique Méridionale, &c., exécuté pendant les Années 1826—33, &c. Paris. Vol. III, parts 3, 4. 1842. Atlas, vol. VIII. 1847. (Zoology, vol. V. pt. 4, 1839—46. Atlas, vol. IX. 1847.)
- D'Orbigny, A. Paléontologie Française; description zoologique et géologique de tous les Animaux mollusques et rayonnés fossiles de France, &c. Terrains Crétacés, 1840—44; Terrains Jurassiques, 1842—44. Paris. 8vo.
- D'Orbigny, A. Dumont d'Urville's Voyage au Pôle sud. Atlas, Paléontologie, 6 plates, folio. Paris, 1846.
- D'Orbigny, A. Foraminifères fossiles du Bassin Tertiaire de Vienne. Paris, 4to. 1846.
- D'Orbigny, A. Sur les Brachiopodes ou Palliobranches. (*Comptes Rendus*, 1847, XXV.)
- D'Orbigny, A. Prodrôme de Paléontologie Stratigraphique Universelle des Animaux Mollusques et Rayonnés, &c. Paris, 2 vols. 1849—50.
- Dumbril, A. M. C., and G. Bibron. Erpétologie générale, ou Histoire Naturelle des Reptiles. Paris, 8vo. (Vol. IV. 1837.)
- Duncan, Prof. P. M. On the Fossil Corals of the West India Islands. (*Quart. Jour. Geol. Soc.* 1864, vol. XX.)
- Duncan, Prof. P. M. A Description of some Fossil Corals and Echinoderms from the South Australian Tertiaries. (*Annals Nat. Hist.* 1864, XIV.)
- Duncan, Prof. P. M. A Description of some Fossil Corals from the South Australian Tertiaries. (*Annals Nat. Hist.* 1865, XVI.)
- Duncan, Prof. P. M. Note on the Fossil Corals from Muddy and Violet Creeks, South Australia. (*Quart. Jour. Geol. Soc.* 1865, XXI.)
- Duncan, Prof. P. M. On the Fossil Corals (Madreporaria) of the Australian Tertiary Deposits. (*Quart. Jour. Geol. Soc.* 1870, XXVI.)
- Duncan, Prof. P. M. On some Fossil Corals from the Tasmanian Tertiary Deposits. (*Quart. Jour. Geol. Soc.* 1875, XXXI.)
- Duncan, Prof. P. M. On some Fossil Reef-building Corals from the Tertiary Deposits of Tasmania. (*Quart. Jour. Geol. Soc.* 1876, XXXII.)
- Duncan, Prof. P. M. On the Echinodermata of the Australian Cainozoic (Tertiary) Deposits. (*Quart. Jour. Geol. Soc.* 1877, XXXIII.)
- Duncan, Prof. P. M. On the *Saleniæ*, Wright. Part 2. Observations on the Morphology of Recent *Saleniæ*, &c. (*Annals Nat. Hist.* 1877, XX.)

- Edwards, F. E. A Monograph of the Eocene Mollusca, or descriptions of shells from the older Tertiary of England. Part I. Cephalopoda. London, 1849. 4to. (*Pal. Soc.*)
- Edwards, H. Milne. Observations sur les Polypiers fossiles du genre *Eschare*. (*Annales des Sc. Nat. Zoologie*. 1836, vi.)
- Edwards, Milne, and Jules Haime. Monographie des Polypiers fossiles des Terrains Paléozoïques, &c. Paris, 4to. (*Archiv. du Muséum d'Hist. Nat.* v.)
- Edwards, Milne, and J. Haime. Mémoire sur les Polypiers appartenant aux groupes naturels des Zoanthaires perforés et des Zoanthaires tabulés. (*Comptes Rendus*. 1849, xxix.)
- Edwards, H. Milne, and Jules Haime. A monograph of the British Fossil Corals. Introduction, &c. London, 1850. 4to. (*Pal. Soc.*)
- Egerton, Sir P. de M. Grey. On some Ichthyolites from New South Wales, &c. (*Quart. Journ. Geol. Soc.* 1864, xx.)
- Eichwald, E. Geognostico-zoologica per Ingriam marisque Baltici Provincias, necnon de Trilobitis observationes. Casani, 1825. 4to.
- Eichwald, E. Zoologia Specialis quam expositis animalibus tum vivis, tum fossilibus, potissimum Rossie in universum, et Poloniæ in specie, in usum lectionum publicarum in Universitate Cæsarea Vilmensi, &c. 3 vols. 8vo. Vilnæ, 1829—31.
- Eichwald, E. Geognostische Uebersicht von Estland und den Nachbargehenden. (*N. Jahrbuch*, 1840.)
- Emmerich, H. F. De Trilobitis Dissertatio Petrefactologica, &c. Berlin, 8vo. 1839.
- Emmons, Dr E. Geology of New York. Part 2. 1842. 4to.
- Etheridge, R. Description of the Palæozoic and Mesozoic Fossils of Queensland. (*Quart. Journ. Geol. Soc.* 1872, xxviii.)
- Etheridge, R. Jun. On the occurrence of a species of *Retepora* (allied to *R. phænicea*, Busk), in the Tertiary beds of Schnapper Point, Hobson's Bay. (*Trans. R. Soc. Vict.* 1874, xi.)
- Etheridge, R. Jun. On a new species of the Genus *Hemipatagus*, Desor, from the Tertiary Rocks of Victoria, Australia, with notes on some previously described species from South Australia. (*Quart. Jour. Geol. Soc.* 1875, xxxi.)
- Etheridge, R. Jun. On some species of *Terebratulina*, *Waldheimia* and *Terebratella* from the Upper Tertiary deposits of Mount Gambier and the Murray River cliffs. (*Annals Nat. Hist.* 1876, xvii.)
- Etheridge, R. Jun. South Australian Post-Tertiary Foraminifera and Ostracoda. (*Geol. Mag.* dec. 2, 1876, iii.)
- Etheridge, R. Jun. Notes on some Upper Palæozoic Polyzoa, from Queensland. (*Trans. R. Soc. Vict.* 1876, xii.)
- Etheridge, R. Jun. Gold in the Coal measures of New South Wales. (*Geol. Mag.* dec. 2. iv. 1877.)
- Fabricius, O. Fauna Groenlandica. Systematici Sistens, &c. 1780, 8vo.
- Falconer, Dr H. On the species of *Mastodon* and Elephant occurring in the fossil state in Great Britain. Part I, *Mastodon*. (*Quart. Journ. Geol. Soc.* 1857, xiii.)
- Falconer, Dr H. On the disputed affinity of the mammalian genus *Plagiaulax* from the Purbeck beds. (*Quart. Journ. Geol. Soc.* 1862, xviii.)
- Falconer, Dr H. On the American Fossil Elephant, &c. (*Nat. Hist. Review*, 1863.)
- Falconer, Dr H. Palæontological Memoirs and Notes of the late. Compiled and edited by C. Murchison, M.D. 2 vols. London, 1868. 8vo.
- Feiffer, L. P. Catalogue of the Auriculidæ, Proserpinidæ, and Truncatellidæ in the Collection of the British Museum. London, 1857.
- Feistmantel, Dr O. Notes on the age of some Fossil Floras in India. (*Records, Geol. Survey India*, 1876. ix. Parts 3—4.)

- Feistmantel, Dr O. Jurassic (Liassic) Flora of the Rajmahal group, in the Rajmahal hills. (*Palæontologia Indica*, ser. II. no. 2, 1877.)
- Feistmantel, Dr O. Notes on Fossil Floras in India. (*Records, Geol. Survey of India*, 1877, x. pts. 3 and 4.)
- Feistmantel, Dr O. Flora of the Jabalopur Group (Upper Gondwanas), in the Son-Narbada region. (*Palæontologia Indica*, 1877, ser. XI. no. 2.)
- Férussac, Baron de. Tableaux Systématiques des animaux mollusques classés en Familles naturelles, dans lesquels on a établi la concordance de tous les systèmes, &c. à Paris et Londres, 1821. 4to.
- Fichtel, L. von, und J. P. C. von Moll. Testacea microscopica aliaque minuta ex generibus Argonauta et Nautilus, &c. Wien, 1803. 4to.
- Flower, W. H. On the affinities and probable habits of the extinct Australian Marsupial, *Thylacoleo carnifex*. Owen. (*Quart. Journ. Geol. Soc.* 1868, XXIV.)
- Forbes, E. A Monograph of the Echinodermata of the British Tertiaries, London, 1852. 4to. (*Pal. Soc.*)
- Fougé, H. Dissertatio Corallia Baltica, &c. Upsaliæ, 4to.
- Fremenville, de. Description des Coquilles univalves du genre *Rissoa*; par A. G. Desmarests. (*Nouv. Bull. des Sci. par la Soc. Philomatique*. Paris, 1814, nos. 1 and 2.)
- Gaimard. Mémoire sur une nouvelle espèce de Kangaroo laineux, *Kangurus laniger*. (*Bull. Sci. Soc. Philomatique de Paris*, 1823.)
- Geinitz, Dr H. B. Die animalischen Ueberreste der Dyas. Leipzig, 1861. 4to.
- Geoffroy, E. Notice sur une nouvelle espèce de mammifère apportée vivante par le vaisseau le Naturaliste. (*Ann. du Muséum d'Hist. Nat.* 1803, II.)
- Geoffroy, E. Mémoire sur un nouveau genre de mammifères à bourse nommé Pérarmèles. (*Ann. du Mus. d'Hist. Nat.* 1804, IV.)
- Germar, E. F. Die Versteinerungen des Steinkohlengebirges von Wettin und Löbejün im Saalkreise. Halle, 1844—53. Folio.
- Goldfuss, Dr A. Ausführliche Erläuterung des naturhistorischen Atlases. 4 Theil. Düsseldorf, 1826—32. 4to.
- Goldfuss, A. Petrefacta Germaniæ, &c. Düsseldorf, 1826—1844. 3 vols.
- Göppert, H. R. Die fossilen Farnkräuter (*Systema Filicum Fossilium*). Breslau, 1836, 4to.
- Gould, Dr A. A. Descriptions of new shells collected by the U. S. North Pacific Exploring Expedition. (*Proc. Boston Nat. Hist. Soc.* 1860, VII.)
- Gould, C. Report on the Resinous Shales of the River Mersey, Tasmania, 23rd May, 1861. Hobart Town. Folio.
- Gould, J. Mammals of Australia. 3 vols. Folio.
- Gould, J. A monograph of the Macropodidæ, or family of Kangaroos. Parts 1 and 2. 1841—2. Imp. Folio.
- Grateloup, Dr. Considérations générales sur la Géologie et la Zoologie fossile de la commune de Léognan, près Bordeaux. (*Actes de la Société Linnéenne de Bordeaux*. 1840.)
- Gray, Dr J. E. Description of some new or little known Mammalia, principally in the British Museum Collection. (*Mag. Nat. Hist.* 1837, I.)
- Gray, Dr J. E. A monograph on the Cypræidæ, a family of Testaceous Mollusca. (*Zool. Journ.* 1824—25, I.)
- Gray, Dr J. E. An attempt to divide the Echinida or sea-eggs, into natural families. (*Annals Phil.* 1825, X.)
- Gray, Dr J. E. A descriptive catalogue of Shells. Part 1. The Family of Cowries. 8vo. London, 1832.
- Gray, J. E. In Rev. W. Yate's account of New Zealand, and of the formation and progress of the Church Missionary Society's Mission, &c. 2nd Ed. London, 1835. 8vo.
- Gray, Dr J. E. On the Genera distinguishable in *Echinus*. Lam. (*Proc. Zool. Soc.* 1835.)

- Gray, Dr J. E. A synopsis of the contents of the British Museum. 44th Ed. London, 1842. 8vo.
- Gray, Dr J. E. In Dr E. Dieffenbach's Travels in New Zealand, with contributions to the Geography, Geology, Botany, and Natural History of that country. London. 2 vols. 1843. 8vo. (Catalogue of the species of Mollusca and their Shells, &c.)
- Gray, J. E. List of Specimens of Mammalia in the collection of the B. M. 1843.
- Gray, J. E. Catalogue of the specimens of Lizards in the collection of the British Museum. London, 1845. 8vo.
- Gray, J. E. On *Cypræa umbilicata* and *C. eximia* of Sowerby. (*Proc. Zool. Soc.* 1849.)
- Gray, J. E. Catalogue of the Mollusca in the collection of the Brit. Museum. Part I. Cephalopoda Antepedia. London, 1849. 8vo.
- Gray, Dr J. E. Description of two new genera and some new species of *Scutellidæ* and *Echinolampidæ* in the collection of the Brit. Mus. (*Proc. Zool. Soc.* 1851.)
- Gray, Dr J. E. Descriptions of some new genera and species of *Spantangidæ* in the Brit. Mus. (*Annals Nat. Hist.* 1851, vii.)
- Gray, J. E. Catalogue of the recent Echinida or Sea Eggs, in the collection of the British Museum. (Part I. Echinida irregularia.) London, 1855.
- Gray, Dr J. E. Guide to the systematic distribution of Mollusca in the British Museum. Part I, 1857. London, 8vo.
- Gray, Dr J. E. Notice of three Wombats in the Zoological Gardens. (*Annals Nat. Hist.* 1863, xi.)
- Gray, Dr J. E. Catalogue of Seals and Whales in the British Museum. London, 1866, 2nd ed. 8vo.
- Gray, Dr J. E. Notes on the skulls of the Species of Dogs, Wolves, and Foxes (*Canidæ*) in the Collection of the British Museum. (*Proc. Zool. Soc.* 1868.)
- Gray, Dr J. E. Supplement to the Catalogue of Seals and Whales in the British Museum. London, 1871. 8vo.
- Gray, Dr J. E. Hand-list of Seals, Morses, Sea-Lions and Sea-Bears in the British Museum. 1874. 8vo.
- Gregory, F. T. On the Geology of a Part of Western Australia (*Quart. Jour. Geol. Soc.* 1861, xvii.)
- Gressly, A. Observations Géologiques sur le Jura Solenois. (*Nouv. Mém. de la Soc. Helvétique des Sciences Nat. Neuchatel.* 1838.)
- Grey, Capt. (Sir G.). Journals of two Expeditions of Discovery in N. W. and W. Australia, during the years 1837—39, performed under the Authority of H. M. Government. London, 2 vols., 8vo. 1841.
- Groye, Ménard de la. Sur un nouveau genre de Coquille nommée Panopée. (*Nouv. Bull. des Sci. par la Soc. Philomatique de Paris*, i. No. 19, 1809.)
- Guettard. Mémoires sur différentes parties des Sciences et des Arts. 4to. Paris. (Vol. i. 1768, ii. 1770.)
- Gunn, R. On the Habitat of *Cypræa umbilicata*, Sow. (*Proc. Zool. Soc.* 1849.)
- Haan, G. de. Monographiæ Ammoniteorum et Goniatiteorum Specimen. Lugduni, 1825. 8vo.
- Haidinger, W. Naturwissenschaftliche Abhandlungen gesammelt und durch Subscription, &c. Wien, 4to. (1848, vol. ii.)
- Hall, Prof. J. Geology of New York. Part iv. comprising the survey of the 4th Geological District. 4to. Albany, 1843.
- Hall, Prof. J. Palæontology of New York. 5 vols. 4to. Albany, 1847—77.
- Hall, Prof. J. in Logan's Report of Progress, Geological Survey of Canada, for the year 1857. Montreal, 1858. 8vo. (Descriptions of Canadian Graptolites.)
- Hall, Prof. J. The Graptolites of the Quebec Group. Montreal, 1865, 8vo. (*Decade ii. Geol. Survey Canada.*)

- Hall, Prof. J. Annual Reports of the Regents of the University of the State of New York on the condition of the State Cabinet of Natural History, &c. 8vo. Albany. (13th Report, 1860; 20th Report, 1867.)
- Harris, G. P. Description of two new species of *Didelphis* from Van Diemen's Land. (*Trans. Linn. Soc.* ix.)
- Harrison, T. On the Eocene beds of Schnapper Point, Hobson's Bay. (*Geologist*, 1864, vii.)
- Harrison, T. Victoria as a field for Geologists. (*Trans. R. Soc. Vict.*, 1866, vii.)
- Hassall, A. H. Catalogue of Irish Zoophytes. (*Annals Nat. Hist.*, 1841, vi.)
- Haughton, Rev. S. On the evidence afforded by Fossil Plants, as to the Boundary line between the Devonian and Carboniferous Rocks. (*Jour. Geol. Soc. Dublin*, 1856, vi.)
- Haughton, Rev. S. On *Cyclostigma*, a new genus of Fossil Plants from the Old Red Sandstone of Kiltoran, co. Kilkenny, &c. (*Annals Nat. Hist.*, 1860, v.)
- Hinds, R. B. The Zoology of H. M. S. "Sulphur," under the command of Sir Ed. Belcher, R.N. Vol. II. Mollusca. 4to. London, 1844.
- Hisinger. Lethæa Suecica, seu Petrificata Sueciæ, &c., 1837. 4to.
- Hobson, Dr E. C. On the Fossil Bones from Mount Macedon, Port Philip. (*Tasmanian Jour. Nat. Science*, 1845. II.)
- Hobson, Dr E. C. On the jaw of *Diprotodon Australis* and its dental formula. (*Tasmanian Jour. Nat. Science*, 1849, III.)
- Hochstetter, Dr F. v. Notizen über einige fossile Thierreste und deren Lagerstätten in Neu-Holland. (*Sitz. K. Akad. Wissensch. zu Wien*. 1839, xxxv.)
- Hochstetter, Dr F. v. Schreiben des Herrn H. Ulrich aus Australien. (*Jahrb. d. K. K. Geol. Reichsanstalt*. 1861—62, XII. *Verhandlungen*.)
- Hochstetter, Dr F. v. Knochenreste und Gypsabgüsse Solcher aus Australien und Neu-Seeland. (*Jahrb. d. K. K. Geol. Reichsanstalt*. 1864. xiv., *Verhandlungen*.)
- Home, Sir E. Some account of the Fossil Remains of an Animal more nearly allied to Fishes than any of the other classes of animals. (*Phil. Trans.* 1814.)
- Hutton, Capt. F. W. Catalogue of the Tertiary Mollusca and Echinodermata of New Zealand in the Collection of the Colonial Museum, Wellington N. Z. 1873. 8vo. (*Mem. Col. Museum & Geol. Survey Dept.*)
- Hutton, Capt. F. W. Catalogue of the Marine Mollusca of New Zealand, with diagnosis of the Species. 8vo. Wellington, N. Z. 1873. (*Mem. Col. Museum and Geol. Survey Dept.*)
- Huxley, Prof. T. H. On some Amphibian and Reptilian Remains from S. Africa. (*Quart. Jour. Geol. Soc.* 1859, xv.)
- Huxley, Prof. T. H. On the Premolar teeth of *Diprotodon*, and on a new species of that Genus. (*Quart. Jour. Geol. Soc.* 1862, xviii.)
- Huxley, Prof. T. H. On the Formation of Coal. (*Critiques and Addresses*, No. 5, 1873.)
- Illiger, C. Prodomus Systematis Mammalium et Avium, additis Terminis Zoographicis utriusque Classis eorumque versione Germanica. Berolini, 1811.
- Imperato, di Ferante. Historia Naturalis. Venetia, 1672.
- Jenkins, H. M. On the occurrence of a Tertiary species of *Trigonia* in Australia. (*Quart. Jour. Science*. 1865, II.)
- Jenkins, H. M. On the occurrence of a recent species of *Trigonia* (*T. Lamarkii*) in Tertiary Deposits in Australia. (*Geol. Mag.* 1866, III.)
- Jenkins, H. M. On the Tertiary Deposits of Victoria. (*Geol. Mag.* 1868, v.)
- Johnston, G. History of British Zoophytes. London; 1838; 2nd ed. 2 vols. 1847. 8vo.

- Johnston, R. M. Regarding the composition and extent of certain Tertiary Beds in and around Launceston. (*Proc. R. Soc. Tas.* for 1873.)
- Johnston, R. M. The Launceston Tertiary Basin. (*Proc. R. Soc. Tas.* for 1874.)
- Johnston, R. M. Further notes on the Tertiary Marine Beds of Table Cape, Tasmania. (*Proc. R. Soc. Tas.* for 1876.)¹
- Johnston, R. M. Tasmanite, or Mersey "Yellow Coal." Hobart Town, 1877. 8vo.
- Jonas, Dr J. H. Descriptions of Two new species of Shells. (*Proc. Zool. Soc.* 1846.)
- Jones, Prof. T. Rupert, in Memoirs of the Geological Survey of Gt. Britain and the Museum of Practical Geology, No. 32. The Geology of the Neighbourhood of Edinburgh. London, 1861. 8vo.
- Jones, Prof. T. Rupert. Notes on the Palæozoic Bivalved Entomostraca. No. x. *Entomis* and *Entomidella* (*Annals Nat. Hist.*, 1873, xi.)
- Jones, Prof. T. Rupert, J. W. Kirkby, and G. S. Brady. A Monograph of the British Fossil Bivalved Entomostraca from the Carboniferous Formations, Part 1. 4to. London, 1874. (*Pal. Soc.*)
- Jukes, Prof. J. B. Notes on the Palæozoic Formations of New South Wales, and Van Diemen's Land. (*Quart. Jour. Geol. Soc.* 1847, iii.)
- Keene, W. On the Coal Measures of New South Wales, with *Spirifer*, *Glossop-teris*, and *Lepidodendron*. (*Quart. Jour. Geol. Soc.* 1865, xxi.)
- King, Capt. P. P. Narrative of a Survey of the Intertropical and Western Coasts of Australia, performed between the years 1818—22. 2 vols. 8vo. London, 1827. (Dr J. E. Gray. Appendix B, vol. ii. Reptilia.)
- King, Prof. W. On a New Genus of Palæozoic Shells. (*Annals Nat. Hist.* 1844, xiv.)
- King, Prof. W. Remarks on certain Genera belonging to the Class Pallio-branchiata. (*Annals Nat. Hist.* 1846, xviii.)
- King, Prof. W. A Catalogue of the Organic Remains of the Permian Rocks of Northumberland and Durham. Newcastle-on-Tyne, 1848. 8vo.
- King, Prof. W. A Monograph of the Permian Fossils of England. London, 1850, 4to. (*Pal. Soc.*)
- Klein, J. T. *Naturalis dispositio echinodermatum*. 1734. Leipsic, 4to.
- Klein, J. T. *Tentamen Methodi Ostracologicæ, &c.* 1753. 4to.
- König. *Icones Fossilium sectiles*. (No date, title page, &c.)
- Koninck, L. G. de. Monographie du Genre *Productus*. (*Mém. Soc. Royale des Sc. de Liège*, iv.)
- Koninck, L. G. de. Recherches sur les Animaux Fossiles. Prem. partie. Monographie des Genres *Productus* et *Chonetes*. Liège, 4to.
- Koninck, L. G. de. Description des Animaux Fossiles qui se trouvent dans le Terrain Carbonifère de Belgique. Liège, 1842—44. 2 vols. 4to.
- Koninck, L. G. de. Mémoires de Paléontologie. 8vo. Bruxelles, 1857—71.
- Koninck, L. G. de. Nouvelles Recherches sur les Animaux Fossiles du Terrain Carbonifère de la Belgique. Bruxelles, 1872. 4to. 1st pt. (Monographie des Fossiles Carbonifères de Bleiberg en Carinthie.)
- Koninck, L. G. de. Recherches sur les Fossiles Paléozoïques de la nouvelle Galles du Sud. (Australie.) Bruxelles, 8vo. (Pts. 1 & 2, 1876. Pt. 3, 1877.)
- Kreffft, Dr G. On the Vertebrated Animals of the Lower Murray and Darling, their habits, economy, and geographical distribution. (*Trans. R. Soc. N. S. Wales*. 1862—65.)

¹ The references to this paper given in the Tertiary portion of the Catalogue were taken from an advanced separate copy kindly supplied by the author. The page assigned to each species will therefore not correspond with that at which it is to be found in the above *Proceedings*. Those wishing to refer to it, will find it occupying pp. 79—90 f. of the *Proc. R. Soc. Tas.* for 1876. R. E. JUN.

- Kreffit, Dr G. Notes on the Fossil Mammals of Australia. (*Geol. Mag.* 1865, II.)
- Kreffit, Dr G. On the Dentition of *Thylacoleo carnifex*, Owen. (*Annals Nat. Hist.* 1866, XVIII.)
- Kreffit, Dr G. The Vertebrata of Tasmania, recent and fossil. (*Trans. R. Soc. N. S. Wales for the Year 1867.* Vol. I.)
- Kreffit, Dr G. On the Discovery of a New and Gigantic Fossil Species of *Echidna* in Australia. (*Annals Nat. Hist.* 1868, I.)
- Kreffit, Dr G. On the lower incisor of *Thylacoleo carnifex*, Owen. (*Quart. Jour. Geol. Soc.* 1870, XXVI.)
- Kreffit, Dr G. Mammals of Australia. Sydney, 1871. Folio.
- Kreffit, Dr G. Australian Vertebrata. Fossil and Recent. Sydney, 1871. 8vo.
- Kreffit, Dr G. Letter on the Species of Wombat. (*Proc. Zool. Soc.* 1872.)
- Kreffit, Dr G. Review of a Cuvierian Principle in Palæontology, tested by evidence of an Extinct Leonine Marsupial (*Thylacoleo carnifex*, Owen), by Prof. Owen. (*Annals Nat. Hist.* 1872, X.)
- Lamarek, J. B. de. Prodrome d'une Nouvelle Classification des Coquilles. (*Mém. Soc. d'Histoire Nat. de Paris*, 1799.)
- Lamarek, J. B. de. Système des Animaux sans Vertèbres, ou Tableau Général des Classes, des Ordres, et des Genres de ces Animaux. Paris, 1801. 8vo.
- Lamarek, J. B. de. Histoire Naturelle des Animaux sans Vertèbres. Paris, 7 vols. 8vo. 1815—22.
- Lamarek, J. B. de. Sur les Fossiles des environs de Paris. (*Ann. Muséum d'Hist. Nat.* 1804, V. 1806, VII. and VIII.)
- Lamarek, J. B. de. Suite du genre Porcelaine. (*Ann. du Mus. d'Hist. Nat.* 1810, XVI.)
- Lamarek, J. B. de. Cours de Zoologie, extrait de Muséum d'Histoire Naturelle. Paris, 1812. 8vo.
- Lamoureux, J. V. F. Extrait d'un Mémoire sur la classification des Polypiers coralligènes non entièrement pierreux. (*Nouv. Bull. des Sci. par la Soc. Philomatique de Paris.* 1812, III.)
- Lamoureux, J. V. F. Histoire des Polypiers Coralligènes Flexibles, vulgairement nommés Zoophytes. Caen. 1816. 8vo.
- Lamoureux, J. V. F. Exposition Méthodique des Genres de l'Ordre des Polypiers, &c. Paris, 1821. 4to.
- Latreille, P. A. Genera Crustaceorum et Insectorum secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata. 4 vols. 8vo. 1806—9.
- Laube, Dr G. C. Über einige fossile Echiniden von den Murray Cliffs in Süd-Australien. (*Sitz. d. K. Akad. d. Wissensch. zu Wien.* 1869, LIX. 1 Abth.)
- Leach, W. E. The Zoological Miscellanies, being descriptions of new, or interesting Animals, &c. 8vo. London. (Vol. I. 1814.)
- Leach, Dr W. E. Descriptions des nouvelles espèces d'Animaux découvertes par le vaisseau *Isabelle* dans un voyage au pôle boréal. (*Jour. de Physique*, &c. 1819. LXXXVIII.)
- Lee, Dr R. On a Sample obtained from the Mersey Shale, Tas. (*Proc. R. Soc. Tas.* III. p. 187.)
- Leichhardt, L. Journal of an Overland Expedition in Australia, from Moreton Bay to Port Essington, a distance of upwards of 3000 miles, during the years 1844—45. London, 1847. 8vo.
- Leichhardt, L. Letters and Remarks on the Bones brought to Sydney by Mr Turner, addressed to Prof. Owen and Rev. W. B. Clarke. (*Parl. Blue-book of December*, 1854. London, 1855.)
- Leonhard, C. C. Taschenbuch für die gesammte Mineralogie. 8vo. Frankfort, 1813.
- Lesauvage. Mémoire sur un Nouveau Genre de Polypier Fossile. (*Mém. Soc. Hist. Nat. de Paris.* 1823. I.)

- Lesauvage, D. Note sur le genre Polypier fossile, établi sous le nom de Thamnastérié. (*Annales Sc. Nat.* 1832, xxvi.)
- Lesson, R. P. Illustrations de Zoologie, ou Recueil de Figures d'Animaux peintes d'après Nature. Paris, 8vo. 1831.
- Léveillé, C. Aperçu Géologique de quelques localités très riches en Coquilles sur les Frontières de France et de Belgique. (*Mém. Soc. Géol. de France.* 1835, ii.)
- L'Heritier, C. L. Sertum Anglicum seu Plantæ rariores quæ in Hortis juxta Londinium imprimis in Horto Regio Kewensi excoluntur ab anno 1786 ad annum 1787 observatæ. Folio. Parisiis, 1788.
- Lindley, J., and W. Hutton. The Fossil Flora of Great Britain. London, 3 vols. 8vo. 1831—37.
- Lindström, G. Några iakttagelser öfver Zoantheria rugosa. (*Öfver. Kongl. Vet. Akad. Förhandl.* 1865.)
- Linnæi, Caroli, Systema Naturæ sive Regna tria Naturæ systematica proposita per classes, ordines, genera et species. Lugduni, MD.CCXXXV.
- Linnæi, Caroli, Systema Naturæ per Regna Tria naturæ, secundum classes, ordines, genera, species cum characteribus, deferentiis, synonymis, locis. Holmiæ. 1758. 8vo.
- Linnæi, Caroli, Systema Naturæ, ed. 12, t. i. pt. 1, 1766; pt. 2, 1767; t. III. 1768.
- Linnaeus, (fil.). Supplementum Plantarum Systematis vegetabilium editionis sextæ et Specierum plantarum editionis secundæ. 8vo. Brunsvigæ, 1781.
- Luidius, E. Lithophylaci Britannici Ichnographia, 1699. Londini, 8vo.; Editio Altera, 1760. Oxonii. 8vo.
- Lütken. Die Begrenzung der Ganoiden (*Palæontographica*, 1873. xxii. pt. 1.)
- Lyell, Sir C. The Student's Elements of Geology. 2nd ed. 1874, London. 8vo.
- Macdonald, Dr J. D. Notes on *Zygomaturus trilobus*. Macleay. (*Quart. Jour. Geol. Soc.* 1859, xv. p. 169.)
- Mac-Gillivray, P. H. Notes on the Cheilostomatous Polyzoa of Victoria and other parts of Australia. (*Trans. Phil. Inst. Vict.* 1860, iv. pt. 2.)
- Macleay, W. S. Letter to the Editors of the *Sydney Morning Herald*, on the Bones brought to Sydney, by Mr Turner. (*Parl. Blue-book of December*, 1854. London, 1855.)
- Macleay, W. S. "Donations to the Australian Museum during August, 1857"1.
- Martens, E. von. Critical List of the Mollusca of New Zealand contained in European Collections, with references to descriptions and synonyms. N. Zealand, 8vo. 1873. (*Mem. Col. Museum & Geol. Survey Dept.*)
- Martin, W. Petrificata Derbyensia; or Figures and Descriptions of Petrefactions collected in Derbyshire. Wigan, 1809. 4to.
- M'Coy, F. A Synopsis of the Characters of the Carboniferous Limestone Fossils of Ireland. Dublin, 1844. 4to.
- M'Coy, Prof. F. On the Fossil Botany and Zoology of the Rocks associated with the Coal of Australia. (*Annals Nat. Hist.* 1847. xx.; *Proc. R. Soc. V. D. Land*, 1851, i.)
- M'Coy, F. On the Plants of the N. S. Wales and V. Diemen's Land Coal-fields. (*Brit. Assoc. Report for 1847*, London, 1848.)
- M'Coy, Prof. F. On some New Genera and Species of Palæozoic Corals and Foraminifera. (*Annals Nat. Hist.* 1849, III.)
- M'Coy, Prof. F. A Commentary on "A Communication made by the Rev. W. B. Clarke, &c. on Prof. M'Coy's New *Tæniopteris*." (*Trans. R. Soc. Vict.* 1860, v.)
- M'Coy, Prof. F. On the Ancient and Recent Natural History of Victoria. Inter-colonial Exhibition Essay. Melbourne, 1861. 8vo.
- M'Coy, Prof. F. A Synopsis of the Silurian Fossils of Ireland. London, 4to. 1862.

- M'Coy, Prof. F. Note on the Ancient and Recent Natural History of Victoria. (*Annals Nat. Hist.* 1862, ix.)
- M'Coy, Prof. F. On the Canine teeth of *Thylacoleo carnifex*, Owen. (*Annals Nat. Hist.* 1865, xvi.)
- M'Coy, Prof. Remarks on a Series of Fossils collected at Wollumbilla, and transmitted by Rev. W. B. Clarke, of Sydney. (*Trans. R. Soc. Vict.* 1865, vi.)
- M'Coy, Prof. On the Bones of a New Gigantic Marsupial. (*Trans. R. Soc. Vict.* 1865, vi.)
- M'Coy, F. On the occurrence of *Limopsis Belcheri*, *Corbula sulcata*, and some other Recent Shells in Miocene Tertiary Beds near Melbourne. (*Annals Nat. Hist.* 1865, xvi.)
- M'Coy, Prof. F. Note on the Cretaceous Deposits of Australia. (*Annals Nat. Hist.* 1865, xvi.)
- M'Coy, Prof. F. On the discovery of Cretaceous Fossils in Australia. (*Trans. R. Soc. Vict.* 1866, vii.)
- M'Coy, Prof. F. On the Australian Tertiary species of *Trigonia*. (*Geol. Mag.* 1866, iii.)
- M'Coy, Prof. F. On some new species of Fossil Volutes from the Tertiary beds near Melbourne. (*Annals Nat. Hist.* 1866, xviii.)
- M'Coy, Prof. F. On the occurrence of the Genus *Squalodon* (*S. Wilkinsons*, M'Coy) in the Tertiary strata of Victoria. (*Geol. Mag.* 1867, iv.)
- M'Coy, Prof. F. Description of two new Fossil Cowries, characteristic of Tertiary beds, near Melbourne. (*Annals Nat. Hist.* 1867, xix.)
- M'Coy, Prof. F. On the recent Zoology and Palæontology of Victoria. (*Annals Nat. Hist.* 1867, xx.)
- M'Coy, Prof. F. On the occurrence of *Ichthyosaurus* and *Plesiosaurus* in Australia. (*Annals Nat. Hist.* 1867, xix.)
- M'Coy, Prof. F. On the discovery of Enaliosauria and other Cretaceous Fossils in Australia. (*Trans. R. Soc. Vict.* 1868, viii.)
- M'Coy, Prof. F. On the Teeth and Fossil Eye of the *Ichthyosaurus Australis*, M'Coy. (*Trans. R. Soc. Vict.* 1869, ix. Part 2.)
- M'Coy, Prof. F. Prodomus of the Palæontology of Victoria, &c. Geological survey of Victoria. Melbourne, Imp. 8vo. Decade, i. 1874; Dec. ii. 1875; Dec. iii. 1876; Dec. iv. 1876; Dec. v. 1877.
- M'Coy, Prof. F. Palæontological notes, attached to the quarter sheets and horizontal sections of the geological survey of Victoria; viz. $\frac{1}{4}$ sheet 2, S.W. by N. Taylor; $\frac{1}{4}$ sheet 3, N.E. by N. Taylor; $\frac{1}{4}$ sheet 4, S.W. by N. Taylor; Hor. Section, 14 N.W. by H. Y. L. Brown.
- M'Coy, Prof. F. On a New Victorian Graptolite. (*Annals Nat. Hist.* 1876, xviii.)
- Meek, F. B. and A. H. Worthen. Descriptions of new Palæozoic Fossils from Illinois and Iowa. (*Proc. Acad. Nat. Sciences, Philadelphia* for 1861.)
- Meek, F. B. and W. M. Gabb. Geological survey of California Report. 8vo. 1864. Palæontology, vol. i.
- Meek, F. B. and F. V. Hayden. Palæontology of the Upper Missouri. 4to. Washington City, 1865. (*Smithsonian Contributions*, xiv.)
- Meek, F. B. United States Geological survey of the Territories. A Report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri Country. Washington, 1876. 4to.
- Miall, Prof. L. C. Monograph of the Sirenoid and Crossopterygian Ganoids. (*Pal. Soc.*) 1877. 4to.
- Miall, Prof. L. C. On the Genus *Ceratodus*, with special reference to the Fossil Teeth found at Maledi, Central India. (*Palæontologia Indica*, 1878, ser. iv. no. 2.)
- Michelin. Ichnographie Zoophytologique. Descriptions par localités et terrains des Polypiers fossiles de France, et des pays environnants. Paris. 2 vols. 4to. 1840—47.

- Michelotti, J. Specimen Zoophytologiæ Diluvianæ. 8vo. 1838.
- Miller, J. S. A Natural History of the Coinoidea, or lily-shaped animals, &c. Bristol, 1821. 4to.
- Miller, S. A. The American Palæozoic Fossils: a catalogue of the Genera and Species, &c. Cincinnati, Ohio. 8vo. 1877.
- Milligan, J. Reports on the Coal Basins of Van Diemen's Land. (*Proc. R. Soc. V. D. Land.* 1851, i.)
- Milligan, J. Reports on the Coal said to have been found at the Don River, and upon the west bank of the Tamar River, in Tasmania. (*Proc. R. Soc. Tas.* 1852, ii.)
- Mivart, St G. Contributions towards a more complete knowledge of the Axial Skeleton in the Primates. (*Proc. Zool. Soc.* 1865.)
- Möller, V. von. Ueber die Trilobiten der Steinkohlenformation des Ural, &c. (*Bull. Soc. Imp. Nat. Moscou.* 1867, xl. Part 1.)
- Montagu, G. Testacea Britannica, or Natural History of British Shells, Marine, Land, and Fresh-water, &c. London, 1803. Parts 1 and 2. 4to.
- Montfort, D. de. Conchyliologie systématique et classification méthodique de Coquilles. 2 vols. 8vo. 1808—10.
- Moore, C. Contributions to Australian Geology and Paleontology. (*Brit. Assoc. Report for 1862.* London, 1863.)
- Moore, C. Australian Mesozoic Geology, and Palæontology. (*Quart. Journ. Geol. Soc.* 1870, xxvi.)
- Moore, T. On the comparative value of the Mersey Schist, and of the Coals from Schouten Island and the Douglas River. (*Proc. R. Soc. Tas.* iii. p. 177.)
- Mörch, O. A. L. Review of the genus *Tenagodus*, Guettard. (*Proc. Zool. Soc.* 1860.)
- Mörch, O. A. L. Review of the Vermetidæ. Part 2. (*id.* 1861.)
- Morris, Prof. J. and G. E. Roberts. On the Carboniferous limestone of Oretton and Farlow, Clee Hills, Shropshire. (*Quart. Journ. Geol. Soc.* 1862, xviii.)
- Mueller, Baron F. von, and R. Brough Smyth. Observations on some vegetable Fossils from Victoria. (*Quart. Journ. Geol. Soc.* 1870, xxvi.)
- Mueller, Baron F. von. Succinct Observations on a new Genus of Fossil Coniferæ. (*Reports, Mining Surveyors and Registrars, Victoria*, March, 1871.)
- Mueller, Baron F. von. New Vegetable Fossils of Victoria. (*Ibid.* June, 1871; Sept. 1871; Sept. 1873; Dec. 1873; Sept. 1874; June 1875; Sept. 1876; Sept. 1877.)
- Mueller, Baron F. von. Descriptive notes on the Tertiary Flora of New South Wales. (*Ann. Report, Department of Mines, N. S. Wales for 1876.*)
- Mueller, Baron F. von. Description of Fossil Fruits in Siliceous deposit. Richmond River. (*Journ. R. Soc. N. S. Wales*, 1876, x.)
- Mühlfeld, J. K. Megerle von. Entwurf eines neuen Systems der Schalthiergehäuse. (*Die Gesellschaft naturforschender Freunde zu Berlin, Magazin*, &c. 1811, v.)
- Müller, O. F. Zoologiæ Danicæ Prodrömus, seu Animalium Danicæ et Norwegiæ indigenarum, &c. 8vo. 1776.
- Müller, F. O. Entomotraca, seu Insecta Testacea quæ in Aquis Danicæ et Norwegiæ reperit, descripsit et Iconibus illustravit. Lipsiæ et Havnæ. 1785. 4to.
- Munster, G. Graf zu. Beiträge zur Petrefactenkunde. 1839. 4to. Beyreuth.
- Murchison, Sir R. I. (then Mr). The Silurian System founded on Geological researches in the counties of Salop, Hereford, &c. London, 1839. 4to.
- Murchison, Sir R. I. (then Mr). Description de quelques-unes des Coquilles fossiles les plus abondantes dans les couches dévoniennes du Bas-Boulonnais. (*Bull. Soc. Géol. de France.* 1840, xi.)

- Murchison, Sir R. I. Siluria. A History of the oldest rocks in the British Isles and other countries, &c. London, 4th Ed. 1867. 8vo.
- Murie, Dr J. On the identity of the hairy-nosed Wombat (*Phascolomys lasiorhynchus*, Gould) with the broad-fronted Wombat (*P. latifrons*, Owen) &c. (*Proc. Zool. Soc.* 1865.)
- Murie, Dr J. and A. D. Bartlett. On the movement of the Symphysis of the lower jaw in the Kangaroos. (*Proc. Zool. Soc.* 1867.)
- Murie, Dr J. On the Platyrrhine Wombat (*Phascolomys platyrrhinus*, Owen). (*Proc. Zool. Soc.* 1867.)
- Murray, A. The Geographical distribution of Mammals. London, 1866. 8vo.
- Newton, E. T. On "Tasmanite" and Australian "White Coal." (*Geol. Mag.* Dec. 2, II. 1875.)
- Nyst. Description des Coquilles et des Polypiers fossiles des Terrains Tertiaires de la Belgique. Bruxelles, 1843. 4to.
- Nyst. Liste des Coquilles fossiles des argiles de Boom, Basele, Schelle, &c. (*Bull. Soc. Géol. de France*, xiv.)
- Ogilby, W. On two new species of *Phalangista*, Cuv. (*Proc. Zool. Soc.* 1831.)
- Owen, Prof. R. Outlines of a classification of the Marsupialia. (*Proc. Zool. Soc.* 1839, *Trans. id.* 1841, II. part 4.)
- Owen, Prof. R. On the Osteology of the Marsupialia:
- Part 1. (*Trans. Zool. Soc.* 1841, II.)
 - Part 2. Comparison of the skulls of the Wombats of continental Australia and of Van Diemen's Land, &c. (*Ibid.* III. pt. 4.)
 - Part 3. Modifications of the skeleton in the species of *Phascolomys*. (*Ibid.* 1873, VIII. pt. 6.)
 - Part 4. Bones of the Trunk and Limbs. *Phascolomys*. (*Ibid.* 1874, VIII. pt. 7.)
 - Part 5. Fam. *Poephaga*, genus *Macropus*. (*Ibid.* 1876, IX. pt. 8.)
- Owen, R. The Zoology of H.M.S. Beagle, under the command of Capt. Fitzroy, R.N. Edited and superintended by Charles Darwin, F.R.S. &c. Part 1, Fossil Mammals. London, 1840. 4to.
- Owen, Prof. R. Odontography, or a treatise on the Comparative Anatomy of the Teeth, &c. London. 2 vols. 8vo. 1840—45.
- Owen, Prof. R. On the discovery of the remains of a Mastodontoid Pachyderm in Australia. (*Annals Nat. Hist.* 1843, XI.)
- Owen, Prof. R. Additional evidence proving the Australian Pachyderm...to be a *Dinotherium*, with remarks on the nature and affinities of that genus. (*Annals Nat. Hist.* 1843, XI.)
- Owen, Prof. R. Description of a Fossil Molar tooth of a Mastodon discovered by Count Strzelecki in Australia. (*Annals Nat. Hist.* 1844, XIV.)
- Owen, Prof. R. Report on the extinct mammals of Australia. (*Brit. Assoc. Report* for 1844; London, 1845.)
- Owen, Prof. R. On the existence of two species of Wombat. *Phascolomys*. (*Proc. Zool. Soc.* 1845.)
- Owen, Prof. R. Description of a Fossil Molar Tooth of a Mastodon discovered by Count Strzelecki in Australia. (*Calcutta Journ. Nat. Hist.* 1845, V.)
- Owen, Prof. R. Descriptive Catalogue of the Osteological Series contained in the Museum of the Royal College of Surgeons of England. London. 4to. (Vol. I. 1853. Pisces, Reptilia, Aves and Marsupialia.)
- Owen, Prof. R. Description of some remains of a gigantic Land-Lizard (*Megalania prisca* Ow.). (*Annals Nat. Hist.* 1858, II.; *Proc. R. Soc.* 1858, IX.; *Phil. Trans.* 1859, CXLIX.)
- Owen, Prof. R. Article "Palæontology." (*Encyclopedia Brit.* 1859, XVII.)
- Owen, Prof. R. On the Fossil Mammals of Australia.
- PART I. Description of a mutilated skull of a large Marsupial Carnivore. (*Thylacoleo carnifex*, Ow.) from a conglomerate stratum, eighty miles

- S.W. of Melbourne, Australia. (*Proc. R. Soc.* 1858, ix.; *Phil. Trans.* 1859, cklxix.)
- PART II. Description of an almost entire skull of *Thylacoleo carnifex*, Owen. (*Proc. R. Soc.* 1865, xiv.; *Phil. Trans.* 1866, clvi.)
- PART III. *Diprotodon Australis*, Owen. (*Proc. R. Soc.* 1870, xviii.; *Phil. Trans.* 1870, clx.)
- PART IV. Dentition and Mandible of *Thylacoleo carnifex*, with remarks on the arguments for its herbivory. (*Proc. R. Soc.* 1870, xix.; *Phil. Trans.* 1871, clxi.)
- PART V. Genus *Nototherium*, Owen. (*Proc. R. Soc.* 1871, xix.; *Phil. Trans.* 1872, clxii. pt. 1.)
- PART VI. Genus *Phascolomys*, Geoffr. (*Proc. R. Soc.* 1871, xx.; *Phil. Trans.* 1872, clxii. pt. 1.)
- PART VII. Genus *Phascolomys*. Species exceeding the existing ones in size. (*Proc. R. Soc.* 1872, xx.; *Phil. Trans.* 1872, clxii. pt. 2.)
- PART VIII. Family Macropodidæ: Genera *Macropus*, *Osphranter*, *Phascolagus*, *Sthenurus*, and *Protemnodon*. (*Proc. R. Soc.* 1873, xxi.; *Phil. Trans.* 1874, clxiv. pt. 1.)
- PART IX. Family Macropodidæ: Genera *Macropus*, *Physiagon*, *Leptosiaigon*, *Procoptodon*, and *Palorchestes*. (*Proc. R. Soc.* 1873, xxi.; *Phil. Trans.* 1874, clxiv. pt. 2.)
- PART X. Family Macropodidæ: Mandibular dentition and parts of the skeleton of *Palorchestes*; Additional evidence of *Macropus Titan*, *Sthenurus*, and *Procoptodon*. (*Proc. R. Soc.* 1875, xxiii.; *Phil. Trans.* 1876, clxvi. pt. 1.)
- Owen, Prof. R. On a collection of Australian Fossils in the Museum of the Natural History Society at Worcester; with a description of the Lower Jaw and Teeth of *Nototherium inerme*, and *N. Mitchelli*, Owen; demonstrating the identity of the latter species with the *Zygomaturus* of Macleay. (*Quart. Jour. Geol. Soc.* 1859, xv.)
- Owen, Prof. R. On some outline-drawings and Photographs of the skull of the *Zygomaturus trilobus*, Macleay (*Nototherium* Owen?), with two plates. (*Quart. Jour. Geol. Soc.* 1859, xv.)
- Owen, Prof. R. Palæontology, or a Systematic Summary of Extinct Animals and their Geological Relations. Edinburgh, 1860; 2nd Edition, 1861. 8vo.
- Owen, Prof. R. On the Mandible and Mandibular teeth of Cochliodonts. (*Geol. Mag.* 1864, iv.)
- Owen, Prof. R. On an upper Incisor of *Nototherium Mitchelli*, Owen. (*Annals Nat. Hist.* 1866, xviii.)
- Owen, Prof. R. Notice of his Nineteenth Memoir on the Extinct Birds of the Genus *Dinornis* (*Proc. Zool. Soc.* 1872.)
- Owen, Prof. R. On *Dinornis*, (Part 19), containing a description of a Femur indicative of a New Genus of large wingless Bird (*Dromornis Australis*, Owen), from a Post-Tertiary Deposit in Queensland, Australia. (*Trans. Zool. Soc.* 1873, viii. Part iii.)
- Owen, Prof. R. Notice of a Memoir on Additional Evidence recently obtained as to the Occurrence of Extinct Gigantic Birds allied to *Dromornis* in Australia. (*Proc. Zool. Soc.* 1877. Part i.)
- Owen, Prof. R. Researches on the Fossil Remains of the Extinct Mammals of Australia, with a notice of the Extinct Marsupials of England. 2 vols. London, 1877. 4to.
- Pander, Dr C. H. Beiträge zur Geognosie des Russischen Reiches. St Petersburg, 1830. 4to.
- Parker, W. K., and T. Rupert Jones. Description of some Foraminifera from the Coast of Norway. (*Annals Nat. Hist.* 1857, xix.)
- Parker, W. K., and T. Rupert Jones. Notes on Fossil Foraminifera from the Polyzoal Limestone of Mt. Gambier, S. Australia. (*Quart. Jour. Geol. Soc.* 1860, xvi.)

- Parker, W. K., and T. Rupert Jones. On the nomenclature of the Foraminifera. (*Annals Nat. Hist.* 1859, III. and IV.; 1860, V. and VI.; 1860, XII.; 1861, VII.; 1863, XI.)
- Parker, W. K., and T. Rupert Jones. On some Foraminifera from the North Atlantic and Arctic Oceans, &c. (*Phil. Trans.* 1865, CLV.)
- Parker, W. K., T. Rupert Jones and H. B. Brady. On the Nomenclature of the Foraminifera. (*Annals Nat. Hist.* 1865, XVI., 1871, VIII.)
- Parker, W. K., and T. Rupert Jones. On the Foraminifera of the Family Rotaliæ (Carpenter) found in the Cretaceous Formations; with notes on their Tertiary and recent Representatives. (*Quart. Jour. Geol. Soc.* 1872, XXVIII.)
- Penny, Prof. F. Report on the Chemical Qualities and Analysis of a Combustible Mineral Substance from the Mersey River, Tasmania, &c. (*Proc. R. Soc. Tas.* 1855, III.)
- Pfeiffer, L. Nomenclator Botanicus, 8vo.
- Philippi, R. A. Enumeratio Molluscorum Siciliæ cum viventium tum in Tellure tertiaria fossilium quæ in itinere suo observavit. 4to. Berolini. 2 vols. 1836—44. (Vol. II. 1844.)
- Phillips, J. A Monograph of the British Belemnitidæ. London, 4to. (*Pal. Soc.*)
- Phillips, J. Illustrations of the Geology of Yorkshire, &c. London, 1836. 2 vols. 8vo.
- Phillips, J. Figures and descriptions of the Palæozoic Fossils of Cornwall, Devon, and West Somerset, &c. London, 1841. 8vo.
- Pictet, Prof. F. J. Traité de Paléontologie, ou Histoire naturelle des Animaux fossiles, &c. 4 vols. 8vo. Atlas. 4to. Paris, 1853—57.
- Plews, H. T. On the Coalfield of New South Wales. (*Mining Inst. Jour.* 1858, VI. Part 3.)
- Poli. Testacea utriusque Siciliæ eorumque Historia et Anatome, &c. 2 vols. folio. Parmæ. Vol. I. 1791. Vol. II. 1795.
- Portlock, Col. J. E. Report on the Geology of the County of Londonderry and parts of Tyrone and Fermanagh. Dublin, 8vo. 1843.
- Quenstedt, F. A. Der Jura. 2 vols. 8vo. 1858.
- Quoy et Gaimard. Zoologie, Voyage de Découvertes de l'Astrolabe, exécuté par ordre du Roi pendant les Années 1826—29, sous le commandement de M. J. Dumont-d'Urville. 4 vols. and atlas. Paris. 8vo.
- Quoy et Gaimard. Voyage de l'Uranie autour du Monde, Zoologie. 1824. Paris. 4to.
- Rafinesque, C. S., et J. D. Clifford. Prodrôme d'une Monographie des Turbino-lies fossiles du Kentucky, dans l'Amérique septentr. (*Ann. Générales des Sci. Physiques*, 1820, v.)
- Ralph, T. S. Observations on the Microscopic Characters presented by a Mineral (Dysodil) from Tasmania. (*Trans. R. Soc. Vict.* 1865, VI.)
- Redway, W. On the Gold Diggings at Creswick Creek and Ballarat. (*Quart. Jour. Geol. Soc.* 1858, XIV.)
- Reeve, L. Conchologia Iconica, or, Illustrations of the Shells of Molluscous Animals. (IV. *Mon. of the Genus Turbo*, 1847. VIII. *Mon. of the Genus Pecten*, 1852—53.)
- Reeve, L., and A. Adams. Mollusca of the Zoology of the voyage of H. M. S. "Samarang," under the command of Capt. Sir Ed. Belcher, C. B. &c., during the years 1843—46, edited by Arthur Adams.
- Retzius. Dissertatio Historica Naturalis sistens nova Testaceorum Genera. 1788.
- Reuss, Dr A. E. Die Foraminiferen und Entomostraceen des Kreidemergels von Lemberg. (*Haidinger's Naturwissenschaftliche Abhandl.* IV. 1 Abth.)
- Reuss, Dr A. E. Neue Foraminiferen aus den Schichten des österreichischen Tertiärbeckens. (*Denk. der K. Akad. der Wissensch. Wien*, 1850, I.)

- Richter, R., und F. Unger. Beitrag zur Paläontologie des Thüringer Waldes. Zweiter Theil, Schiefer- und Sandsteinflora, bearbeitet von F. Unger. (*Denksch. d. K. Akad. d. Wissensch. zu Wien*, 1856, xi.)
- Risso, A. Histoire naturelle des principales Productions de l'Europe méridionale. Paris, 8vo. 5 vols.
- Roemer, C. F. Das Rheinische Uebergangsgebirge, &c., 1844. Hannover, 4to.
- Roemer, F. A. Beiträge zur geologischen Kenntniss des nordwestlichen Harzgebirges. (*Palæontographica*, 1850, iii.)
- Rondeletius. Libri de piscibus marinis, &c. Lugduni, 1554. Folio.
- Ryckholt, Baron P. de. Mélanges Paléontologiques. 2nd part. 4to.
- Salter, J. W. Figures and Descriptions of Canadian Organic Remains. (*Geol. Survey Canada. Decade 1.*) Montreal, 1859. 8vo.
- Salter, J. W. Note on the Skiddaw Slate Fossils. (*Quart. Jour. Geol. Soc.* 1863, xix.)
- Sars, G. O. Oversigt af Norges marine Ostracoder. (*Forhandl. i Vidensk.-Sels. i Christiania, aar 1865. Christiania*, 1866.)
- Scapoli, J. A. Introductio ad Historiam Naturalem sistens genera lapidum, plantarum, et animalium. *Pragæ*, 1777. 8vo.
- Schimper, W. P. Traité de Paléontologie Végétale, ou la Flore du Monde Primitif, &c. 3 vols. 8vo, and 1 vol. plates. Imp. 4to, Paris, 1869—74.
- Schlotheim, E. von. Beiträge zur Naturgeschichte der Versteinerungen in geognostischer Hinsicht. (*Leonhard's Taschenbuch für die gesammte Mineralogie*. 1813, vii.; *Denksch. K. Akad. Wissensch. zu München*. 1816—17, vi.)
- Schlotheim, Baron E. F. von. Die Pet. auf ihrem jetzigen Standpunkte, &c. 8vo. 1820.
- Schneider, J. G. Sammlung vermischter Abhandlungen zur Aufklärung der Zoologie und Handlungsgeschichte. Berlin, 1784. 8vo.
- Schumacher, C. F. Essai d'un Nouveau Système des Habitations des Vers Testacés, 1817. Copenhagen, 4to.
- Schweigger, A. F. Handbuch der Naturgeschichte, &c. Leipzig, 1820. 8vo.
- Sedgwick, Rev. A. and F. McCoy. Synopsis of the Classification of the British Palæozoic Rocks, with a systematic description of the British Palæozoic Fossils. 3 Fasciculi, Introduction and Supplement. 1851—55, London. 4to.
- Selwyn, A. R. C., and G. H. F. Ulrich. Notes on the Physical Geography Geology and Mineralogy of Victoria. Melbourne, 1866. 8vo.
- Selwyn, A. R. C. (and others). A Descriptive Catalogue of the Rock Specimens, and Minerals in the National Museum, collected by the Geol. Survey of Victoria, &c. Melbourne, 1868. 8vo.
- Sequenza, G. Disquisizioni Paleontologiche intorno ai Corallarii Fossili delle Rocce terziarie del destretto di Messina. (*Mem. R. Accad. Torino*. 2nd Ser. xxi. 1864.)
- Shaw, G. General Zoology, or Systematic Natural History. London, 8vo. (Vol. 1. Parts 1 and 2. 1800.)
- Smyth, R. B. Report of Progress of the Geological Survey of Victoria. Melbourne, Imp. 8vo. By Authority. (Vol. i. 1874; ii. 1875; iii. 1876.)
- Smyth, R. B. On the Age of the Auriferous Deposits of Australia. (*Geol. Mag.* ix.)
- Sollas, W. J. On the changes produced in the Siliceous Skeletons of certain Sponges by the action of Caustic Potash. (*Annals Nat. Hist.* 1877, xx.)
- Sowerby, G. B. Thesaurus Conchyliorum, or Monographs of Genera of Shells. 8vo. London. (Vols. ii. and iii.)
- Sowerby, G. B. The Genera of Recent and Fossil Shells for the use of Students, &c. 2 vols. 8vo. London.
- Sowerby, J. and J. de C. The Mineral Conchology of Gt. Britain, or Coloured Figures and Descriptions of the Remains of Testaceous Animals, &c. London. 6 vols. and supp. 8vo.

- Sowerby, J. de C. Descriptions of the Organic Remains attached to the plates to illustrate Prof. Sedgwick and Sir R. I. (then Mr) Murchison's Memoirs on the Physical Structure of Devonshire, &c. (*Trans. Geol. Soc.* 2nd Ser. v. 1840.)
- Stephens, T. Remarks on the Geological Structure of the North Coast of Tasmania, with special reference to the Tertiary Marine Beds, near Table Cape. (*Proc. R. Soc. Tas.* 1869.)
- Sternberg, Comte G. de. Essai d'un Exposé Géognostico-Botanique de la Flore du Monde Primitif. (Traduit de l'Allemand par Comte de Bray), en 4 cahiers, 1820—26. (Versuch einer geognostisch-botanischen Darstellung der Flora der Vorwelt.)
- Stoliczka, Dr F. Fossile Bryozoen aus dem Tertiären Grünsandsteine der Orakei Bay bei Aukland. Paläontologie von Neu-Seeland. Novara Expedition, Geologischer Theil (1 Band, 2 Abtheilung). 4to.
- Stoliczka, Dr F. The Cretaceous Gasteropoda of Southern India. Palaeontologia Indica. (*Memoirs of the Geological Survey of India.* Vol. II. 4to. Calcutta, 1868.)
- Stoliczka, Dr F. The Cretaceous Pelecypoda of Southern India. (*Ibid.* Vol. III. 4to. Calcutta, 1871.)
- Sirzelecki, Count P. E. de. Physical description of New South Wales and Van Diemen's Land, &c. London, 1848. 8vo.
- Sturt, Capt. C. Two Expeditions into the Interior of Southern Australia, during the years 1828—31, &c. London. 2 vols. 8vo.
- Stutchbury, S. Tenth Trimonthly Report on the Geological and Mineralogical Survey of New South Wales, dated Bengal, July 1st, 1853. (*Parl. Blue Book*, Dec. 1854; London, 1855.)
- Stutchbury, S. Eleventh Trimonthly Report upon the Geological and Mineralogical Structure of New South Wales, dated Emu Creek, Darling Downs, 18th Oct. 1853. (*Parl. Blue Book*, Dec. 1854; London, 1853.)
- Stutchbury, S. Fifteenth Report on the Geological and Mineralogical Structure of the Colony of New South Wales, dated Auckland Creek, near Gladstone, Port Curtis, Jan. 1855. (*Parl. Blue Book*, 25th July, 1856.)
- Suckow, G. A. Beschreibung einiger merkwürdigen Abdrücke von der Art der sogenannten Calamiten. (*Acta Acad. Theodoro-Palatinae Mannhemii.* 1794, v.)
- Tate, Prof. R. On New Species of *Belemnites* and *Salenia* from the Middle Tertiaries of South Australia. (*Quart. Jour. Geol. Soc.* 1877, xxxiii.)
- Tate, Prof. R. Ostracoda and Foraminifera in the Miocene of S. Australia. (*Geol. Mag.* Dec. 2, 1877, iv.)
- Tchihatcheff, P. de. Voyage scientifique dans l'Altai Oriental, et les parties adjacentes de la frontière de Chine. Paris, 1845. Imp. 4to. Atlas Sup. Royal.
- Temminck, C. J. Monographies de Mammologie. 2 vols. 4to. Paris. (Vol. 1. 1827.)
- Tournefort, J. P. Institutiones Rei Herbariæ. Editio altera. 3 vols. Parisiis, 1700. 4to.
- Traquair, Dr R. H. On some Fossil Fishes from the neighbourhood of Edinburgh. (*Annals Nat. Hist.* 1875, xv.)
- Traquair, Dr R. H. The Ganoid Fishes of the British Carboniferous Formations. Part 1. *Palæoniscidae*. London, 1877. 4to. (*Pal. Soc.*)
- Turton, Dr W. Conchylia Dithyra Insularum Britannicarum. The Bivalve Shells of the British Islands, systematically arranged. London, 1848. 4to.
- Unger, Dr F. Synopsis Plantarum Fossilium. Lipsiæ, 1845. 8vo.
- Unger, Dr F. Genera et Species Plantarum Fossilium. 2nd ed. 1850. 8vo.
- Verneuil, E. de. Sur l'importance de la limite qui sépare le calcaire de montagne des formations qui lui sont inférieures. (*Bull. Soc. Géol. de France.* 1840, xi.)

- Verneuil, E. de, et d'Archiac. Note sur les Fossiles du Terrain paléozoïque des Asturies. (*Bull. Soc. Géol. de France*. 2nd Ser. 1845, II.)
- Verneuil, E. de, and A. de Keyserling. Paléontologie. Murchison's Geology of Russia in Europe and the Ural Mountains. 2 vols. London and Paris, 1845. 4to.
- Voltz, L. P. Observations sur les *Belemnites*. Paris, 1830. 4to.
- Waldheim, G. Fischer de. Oryctographie du Gouvernement de Moscou, 1807. Folio.
- Waldheim, G. Fischer de. Notice des Fossiles du Gouvernement de Moscou, servant de Programme pour inviter les Membres de la Société Impériale des Naturalistes à la séance publique du 26 Octobre. à Moscou, 1809. 4to.
- Waldheim, G. Fischer de. Sur quelques Fossiles du Gouvernement de Moscou. (*Bull. Soc. Imp. Nat. de Moscou*, 1829.)
- Waldheim, G. Fischer de. Zoognosia Tabulis Synopticis Illustrata, &c., 1831. 3rd Ed. 4to.
- Walker and Jacobs. Testacea Minuta rariora, &c. 1784. 4to.
- Waterhouse, G. R. Description of a New species of Kangaroo. *Macropus Bennetti*, W. (*Proc. Zool. Soc.* 1837.)
- Waterhouse, G. R. A Natural History of the Mammalia. London, 1846. 2 vols. 8vo.
- Watts, H. On Fossil Polyzoa. (*Trans. Roy. Soc. Vict.* 1865, VI.)
- Wilckens, C. F. Nachrichten v. seltenen Versteinerungen, &c. 8vo. 1769.
- Wilkinson, C. S. A Geological Report on the Cape Otway District. (*Geological Survey of Victoria*. Melbourne, folio. 1865.)
- Wilkinson, C. S. Report of Progress of the Geological Survey of New South Wales, during the year 1876. (*Ann. Report, Department of Mines, N. S. Wales*, for 1876.)
- Wintle, H. S. A sketch of the Principal Geological Features of Hobart, Tasmania. (*Quart. Jour. Geol. Soc.* 1864, XX.)
- Wood, S. V. Descriptions of the species of the Genus *Lima*, from the Coralline Crag, &c. (*Mag. Nat. Hist.* 1839, III.)
- Woods, Rev. J. E. T. On some Tertiary Rocks at Portland Bay. (*Trans. Phil. Inst. Vict.* 1860. IV. Part 2.)
- Woods, Rev. J. E. T. Geological Observations in South Australia, &c. London, 1862. 8vo.
- Woods, Rev. J. E. T. On some Tertiary Fossils in South Australia. (*Trans. R. Soc. Vict.* 1865, VI.)
- Woods, Rev. J. E. T. On some Tertiary Deposits in the Colony of Victoria, Australia. (*Quart. Jour. Geol. Soc.* 1865, XXI.)
- Woods, Rev. J. E. On the Tertiary Rocks of South Australia. Part 3. Brachiopoda. 4to. Adelaide (A paper read before the Adelaide Phil. Soc. Sept. 5th, 1865. No date of publication.)
- Woods. Notes on the Physical and Zoological relations between Australia and Tasmania. (*Proc. R. Soc. Tas.* for 1874.)
- Woods, Rev. J. E. T. On some Tertiary Fossils from Table Cape. (*Proc. R. Soc. Tas.* for 1875.)
- Woods, Rev. J. E. T. On the Genus *Fenestella*. (*Proc. R. Soc. Tas.* for 1875.)
- Woods, Rev. J. E. T. On some Tertiary Australian Polyzoa. (*Jour. R. Soc. N. S. Wales*, 1876, X.)
- Woods, Rev. J. E. T. Notes on the Tertiary Fossils, Tasmania. (*Proc. R. Soc. Tas.* for 1876¹.)
- Woods, Rev. J. E. T. On some New Tasmanian Marine Shells. 2nd Series. (*Proc. R. Soc. Tas.* for 1876. Hobart Town, 1877.)

¹ The note appended (p. 215) to one of Mr R. M. Johnston's papers, also applies here. The full paper will be found as above, pp. 91—116. R. E. JUN.

226 WORKS, REPORTS, AND PAPERS CONSULTED.

- Woods, Rev. J. E. T. On the Tertiary Deposits of Australia. Pp. 18. Sydney, 1877. 8vo.
- Woods, Rev. J. E. T. Census; with Brief Descriptions of the Marine Shells of Tasmania and the adjacent Islands. Pp. 34. 8vo. (A Paper read before *R. Soc. Tas.*)
- Woodward, Dr H. A Catalogue of British Fossil Crustacea, with their Synonyms and the range and time of each Genus and Order. London (*British Museum*). 8vo. 1877.
- Woodward, Dr S. P. A Manual of the Mollusca, or Rudimentary Treatise on Recent and Fossil Shells. London, 8vo. 1851—56. 2nd Edition by R. Tate. 8vo.
- Zieten, C. H. von. Die Versteinerungen Württembergs. 2 vols. Stuttgart, 1830. (Les Pétrifications de Wurtemberg, &c.)
- Zigno, Baron A. de. Flora Fossilis Formationis Oolithicæ. Padova, 1856—68. Imp. 4to. (Vol. i.)
- Zigno, Baron A. de. Some observations on the Flora of the Oolite. (*Quart. Jour. Geol. Soc.* 1860, xvi.)
- Zittel, K. A. Beiträge zur Systematik der fossilen Spongien. (*N. Jahrbuch*, 1877.)

INDEX TO THE GENERA.

(*The names in Italic are Synonyms.*)

Acanthociadia, 44
Acanthopyge, 17
Acervularia, 14
Acrocoila, 121
Acroculia, 80
Actæon, 113, 159
Actinocrinus, 14, 40
Actinocyathus, 14
Adiantides, 29
Adiantites, 29
Aganides, 89
Alethopteris, 29
Allorisma, 62
Alveolites, 10, 33
Alyssites, 12
Ammonites, 115, 117
Amphelia, 133
Amphihelia, 133
Amphistegina, 125
Amplexus, 33
Anarthroceanna, 95
Ancilla, 159
Ancillaria, 159
Ancyloceras, 116, 117
Aneimites, 29
Antholithes, 102
Antholithus, 102
Antillia, 133
Aphanaia, 62
Arachnoides, 138
Arca, 62, 106
Archæocyathus, 33
Archæopteris, 29
Arctocephalus, 173
Argiope, 105
Aspidorhynchus, 118
Astarte, 63, 106
Astartella, 63
Astartila, 63
Asterolepis, 91
Athyris, 46
Atomodesma, 107
Atrypa, 18, 47, 201
Aturia, 171
Aulopora, 11
Austrella, 197
Avicula, 64, 107
Aviculopecten, 64
Axinaea, 156
Axophyllum, 34

Bairdia, 41, 144
Balanophyllia, 133
Banksia, 121
Belemnitella, 116
Belemnites, 116, 171
Belideus, 179
Bellerophon, 24, 79
Berenicea, 105
Bettongia, 172, 179
Beyrichia, 18
Billingsia, 34
Biloculina, 125
Bornia, 29
Bothriceps, 197
Bothrodendron, 32
Brachymetopus, 41
Brachythyris, 22
Brontes, 15
Bronteus, 15
Buccinum, 159
Bulimus, 177
Bulla, 159, 177, 203
Bunyalites, 101
Buskia, 201

Caberea, 144
Calamites, 30, 32
Calamopora, 11, 34
Calcar, 160
Calymene, 15
Camarophoria, 47
Cameroceras, 89
Campophyllum, 34
Canda, 145
Canis, 196
Capulus, 80
Carcharodon, 171
Cardinia, 67
Cardiocarpon, 102
Cardiocarpum, 102
Cardiomorpha, 68
Cardita, 153
Cardium, 68, 153
Caryocaris, 15
Caryophyllia, 134
Cassidaria, 160
Cassidulina, 126
Cassis, 160
Catenipora, 12
Catopygus, 138

- Caunopora*, 3
Cellepora, 145
Celleporaria, 145
Celyphina, 121
Ceratodus, 204
Ceratotrochus, 201
Ceraurus, 15
Ceriopora, 18
Cerithium, 114, 160, 177
Chama, 153
Cheirurus, 15, 18
Chemnitzia, 82, 169
Chione, 153
Chlamydosaurus, 178
Chonetes, 19, 47
Choristites, 22
Cidaris, 138
Cinnamomum, 121
Cladochonus, 34
Clarkia, 68
Clasteria, 199, 200
Cleithrolepis, 117
Cleobis, 68, 72
Climacograptus, 4
Clisiophyllum, 34
Clypeaster, 138
Cœleschara, 146
Cœnites, 35
Cœnograptus, 4
Columbella, 160
Cominella, 160
Conchotheca, 121
Confervides, 95
Confervites, 95
Conocardium, 68
Conosmilia, 134
Conotrochus, 135
Conularia, 26, 88
Conus, 161
Corallites, 197
Corbis, 153
Corbula, 153
Cordaites, 30
Cornuspira, 126
Crassatella, 154
Crenatula, 107
Crioceras, 116, 117
Crisia, 146
Cristellaria, 102, 126
Cromus, 15
Ctenodonta, 23, 24
Cucullea, 107, 154
Cyathaxonia, 35
Cyathocrinus, 14, 40
Cyathophyllum, 11, 35
Cyathopsis, 33
Cyclodus, 178
Cyclopteris, 95
Cycloseris, 135
Cylicina, 161
Cypræa, 161, 178, 203
Cypræovula, 162
Cypricardia, 69
Cypricardites, 23
Cyprina, 108
Cyrtina, 48
Cyrtoceras, 89
Cyrtodonta, 23
Cystiphyllum, 11
Cythere, 42, 144
Cytherea, 108

Dalmania, 16
Daphnella, 162
Daphnogenia, 121
Dasyurus, 180
Delphinula, 114, 162
Delthyris, 22
Deltocyathus, 135
Dendricopora, 43
Dendrophyllia, 135
Dentalina, 103
Dentalium, 81, 114, 162
Diabolus, 180
Dichograptus, 5
Dicranograptus, 5
Didymograptus, 5
Dieune, 122
Dipleura, 16
Diplograptus, 7
Diprion, 7
Diprotodon, 180
Discina, 48, 105
Discorbina, 127
Ditrupa, 143
Dromornis, 179

Echidna, 181
Echinanthus, 139
Echinarachnius, 139
Echinobrissus, 139
Echinolampas, 139
Echinus, 139
Edmondia, 69
Eisothecaryon, 122
Emarginula, 163
Encrinites, 14
Enerinurus, 16
Endogenophyllites, 101
Entomis, 16, 42
Eschara, 146
Eucalyptus, 122
Eugaster, 14
Eulima, 163
Eunema, 24
Euomphalus, 24, 81
Eupatagus, 140
Eurydesma, 70

Farcimia, 150
Favosites, 11, 35
Fenestella, 18, 43
Fissurella, 163
Fistulipora, 37
Flabellum, 135
Forbesia, 16
Fucoides, 3
Fusus, 164, 178

Gangamopteris, 95
Genocidaris, 143
Gibbula, 164
Gladiolites, 9
Glandulina, 127
Glaucome, 44
Globigerina, 127
Glossopteris, 30, 96, 199
Goniatites, 89
Goniograptus, 200
Goniomya, 108
Grammatophora, 178
Grammysia, 79
Graphularia, 201
Graptolithus, 8
Gresslya, 108
Griffithides, 42
Gypidia, 20

Haliotis, 164
Halmaturus, 182
Halonia, 32
Halysites, 12
Hapalotis, 196
Harmodites, 14
Harpes, 16
Hauerina, 128
Heliastrea, 136
Helicograptus, 4
Helicotoma, 25
Heliolites, 12, 37
Helix, 178
Hemiaster, 140
Hemipatagus, 140
Hemithyris, 21
Hemitrypa, 45
Hettangia, 112
Hinnites, 154
Holaster, 140
Holopsea, 25
Homalonotus, 16
Homomya, 108
Hormotoma, 25
Hornera, 147
Hybodus, 118
Hydrosaurus, 178
Hymenocaris, 17
Hypocrinus, 40
Hypothyris, 21
Hypsiprymnus, 182

Ichthyosaurus, 118
Idmonea, 147
Ilænus, 17
Illicites, 122
Illicium, 122
Infundibulum, 164
Inoceramus, 70, 109
Isis, 136
Isodon, 186

Jania, 34

Lamna, 172

Laurus, 122
Leda, 74, 109
Leiocidaris, 140
Lepidodendron, 31
Lepidotus, 118
Lepralia, 105, 148
Leptæna, 18, 19, 49
Leptagonia, 19, 22
Leptophleum, 31
Leptosiaagon, 182
Lichas, 17
Lima, 109, 154
Limaria, 35
Limatula, 155
Limopsis, 155
Lingula, 49, 106
Liotia, 165
Lithostrotion, 37
Lithostrotion, 37
Littorina, 82
Lituities, 26
Lituola, 128
Liversidgia, 122
Loganograptus, 9
Lonsdaleia, 37
Lophophyllum, 37
Lovenia, 110
Loxonema, 82
Lucina, 110
Lunella, 203
Lunulites, 148
Lyonsia, 155
Lysianassa, 108

Macrocheilus, 83
Macrocypris, 144
Macropus, 183
Macrothis, 186
Mactra, 110
Mæonia, 71
Mæonia, 71, 72
Mangelia, 165
Martia, 140, 141
Margarita, 165
Marginella, 165
Mastodon, 198
Megadesmus, 70, 74
Megalanina, 178
Megalaster, 141
Megalomus, 23
Megaphyton, 32
Megathyris, 105
Melicerita, 148
Melina, 110
Membranipora, 148
Meristella, 20
Micraster, 105, 142
Mitchellia, 83
Mitra, 165
Modiola, 71, 110
Modiolopsis, 71
Monostychia, 138, 142
Monticulipora, 13
Murchisonia, 25, 84

- Murex, 165
 Mus, 196
 Mya, 110
 Myacites, 110
 Mylodon, 196
Myonia, 72
 Myriolepis, 117
 Mytilus, 72, 110

 Natica, 114, 166, 203
Naticodon, 84
 Naticopsis, 84
 Nautilus, 90, 117, 171
Nebulipora, 13
 Niso, 84
 Nöggerathia, 102
 Notomya, 72
 Nototherium, 173, 184
 Nucleospira, 20, 201
 Nucula, 73, 111, 155
 Nuculana, 74, 111, 155
 Nummulina, 128

 Ochthodocaryon, 122
 Odontocaryon, 123
 Odontopteris, 97
 Omphalotrochus, 25
 Omphyma, 13
 Onchopora, 149
 Operculina, 128
 Ophileta, 25
Orbiculoidea, 48
 Orbitolites, 128
 Orbulina, 128
 Orthis, 18, 20, 49
 Orthoceras, 26, 90
 Orthonota, 23, 74, 79
 Orthotetes, 50
 Osphranter, 185
 Ostrea, 111, 156
 Otodus, 172
 Otopteris, 97
 Oxyrhina, 172

 Pachydomus, 72, 74
Pachyodon, 67
 Pachysiagon, 186
Palæarca, 23, 76
 Palæaster, 14, 15, 140
 Palæoniscus, 117
Palæopora, 12, 13
 Palæoseris, 136
 Palorchestes, 186
 Panopæa, 105, 111
 Paracyclas, 76
 Paracypris, 144
 Paradoxechinus, 142
 Patella, 84
 Pecopecteris, 97
 Pecten, 76, 111, 156, 202
Pectunculina, 155
 Pectunculus, 156
Penniretepora, 44
 Pentacoila, 123
 Pentacrinus, 105
 Pentadia, 40
 Pentamerus, 20, 51, 201
 Penteune, 123
 Peragalea, 186
Peragalia, 186
 Perameles, 186
Perna, 72, 110
 Perna, 112
 Petraster, 14
 Phacops, 17
 Phalangista, 187
 Phascolagus, 187
 Phascolomys, 173, 188, 195
 Phillipsastræa, 37
 Phillipsia, 42
Phocodon, 173
 Pholadomya, 76, 112
 Pholas, 112
 Phragmoceras, 90
Phyllodes, 135
 Phyllograptus, 9
 Phyllothea, 31, 98
 Phymatocaryon, 123
Pileopsis, 80, 84
 Placotrochus, 136
 Planorbulina, 103, 129
 Planularia, 129
 Plasmopora, 13
Platyceras, 80, 85
 Platycola, 123
 Platycrinus, 40
 Platyschisma, 85
 Platyrochus, 201
 Plectodon, 190
 Pleiacron, 124
 Plesiocapparis, 124
 Plesiosaurus, 118
 Pleurodictyum, 13
Pleuromya, 110
 Pleurophorus, 77
Pleurohrhynchus, 68, 77
 Pleurotoma, 166
 Pleurotomaria, 85, 114, 166, 203
 Polycope, 42
 Polymorphina, 104, 130
 Polypora, 45
 Polystomella, 130
 Porambonites, 21
 Porcellia, 87
 Poteriocrinus, 41
Prionotus, 7
Procardia, 76
 Procoptodon, 190
 Productus, 51
 Proetus, 18
 Propora, 13
 Protaster, 14
 Protamnodon, 191
 Protocardium, 157
 Protoretepora, 45
 Psammechinus, 142
 Psileschara, 149
Pteria, 64

Pterinea, 24, 77
Pteronites, 77
Ptilodictya, 18
Ptychophyllum, 13
Pulastra, 78
Pulvinulina, 130
Purisiphonia, 104, 200
Pustulipora, 149
Pygorhynchus, 142
Pyramia, 72, 78
Pyramidella, 166
Pyramidellus, 166
Pyramus, 72, 78
Pyrula, 167

Quinqueloculina, 130

Radula, 109
Raphistoma, 25
Receptaculites, 3
Retepora, 46, 150
Retihornera, 43
Retiolites, 9
Retzia, 21
Rhizophyllum, 14
Rhombopora, 18, 46
Rhynchonella, 21, 54, 106, 151, 202
Rhynchopygus, 142
Rhytidocaryon, 124
Rhytidotheca, 124
Rissoa, 167
Rissina, 114, 167, 204
Robulina, 102
Rosalina, 131
Rotalia, 131

Sagenaria, 32
Salenia, 143
Salenocidaris, 143
Salicornaria, 150
Sanguinolites, 78
Sarcophilus, 173, 192
Scaldia, 78
Scalites, 25
Schizaster, 143
Schizaster, 142
Schizodon, 194
Scutella, 143
Scutularia, 151
Selbia, 144
Serpula, 105
Sigillaria, 32
Siphodictyum, 147
Siphonotreta, 21, 54
Solecurtus, 79, 157
Solen, 79
Sparsispongia, 3
Spatangus, 143
Sphænotrochus, 137
Sphærexochus, 18
Sphenopteris, 32, 99
Spirifera, 22, 54, 202
Spiriferina, 60
Spirigera, 21

Spirigerina, 18
Spiroloculina, 132
Spirophyton, 3
Spondylostrobus, 124
Spondylus, 157
Sporangites, 199
Squalodon, 173
Staurocephalus, 18
Stenaster, 15
Stenopora, 37
Stigmara, 32
Sthenurus, 193
Straparollus, 24
Streptorhynchus, 50, 60
Striatopora, 14
Stromatopora, 3, 33
Strombodes, 14, 39
Strombodes, 37
Strophalosia, 60
Strophomena, 22, 60, 202
Synbathocrinus, 41
Syringodendron, 32
Syringopora, 14, 39
Synnola, 167

Tæniaster, 14
Tæniopteris, 100
Tancredia, 112
Tapes, 78
Tasmanites, 199
Tellimya, 24
Tellina, 112, 157
Tellinomya, 24, 79
Temnechinus, 143
Tenagodus, 167
Tentaculites, 26
Terebra, 167
Terebratella, 106, 151, 177
Terebratula, 61, 152
Terebratulina, 152
Teredo, 112
Tethea, 133
Tethia, 133
Tetraraptus, 9
Teuthis, 117
Textularia, 132
Thala, 167
Thalassina, 197
Thalotia, 168
Thamnastrea, 137
Theca, 89
Thracia, 113
Thylacinus, 194, 204
Thylacoleo, 194
Tomodus, 91
Torinia, 168
Tornatella, 113
Trachydosaurus, 178
Trachyglossus, 181
Trematocaryon, 125
Trematospira, 23, 202
Tribrachyocrinus, 41
Trigonia, 113, 157
Trigonocelia, 155

Trigonotreta, 22, 54, 62

Triloculina, 132

Trilophodon, 193

Trimerus, 16

Trinucleum, 18

Trinucleus, 18

Triton, 168

Tritonium, 168

Trivia, 168

Trochita, 164, 169

Trochocyathus, 137

Trochonema, 25

Trochus, 87, 169

Tropidolepisma, 178

Truncatella, 178

Tubiporites, 11

Tubulipora, 151

Turbo, 114, 169

Turbonilla, 169

Turritella, 88, 169

Typhis, 170

Ulidium, 148

Ulodendron, 32

Unio, 113, 158

Urasterella, 15

Uresthenes, 118

Vaginulina, 104

Ventriculites, 105

Venus, 79, 158, 177

Vermetus, 170

Vertebraria, 101, 200

Verticillopora, 39

Vola, 159

Volsella, 71

Voluta, 170

Vombatus, 188

Waldheimia, 152

Wilkinsonia, 125

Xylocaryon, 125

Zamites, 102

Zaphrentis, 39

Zengophyllites, 101, 200

Zizyphinus, 171, 195

Zygomaturus, 195

UNIVERSITY PRESS, CAMBRIDGE.

May, 1889.

CATALOGUE OF

WORKS

PUBLISHED FOR THE SYNDICS

OF THE

Cambridge University Press.

London: C. J. CLAY AND SONS,
CAMBRIDGE UNIVERSITY PRESS WAREHOUSE,
AVE MARIA LANE.

GLASGOW: 263, ARGYLE STREET.

Cambridge: DEIGHTON, BELL AND CO.

Leipzig: F. A. BROCKHAUS.

PUBLICATIONS OF
The Cambridge University Press.

THE HOLY SCRIPTURES, &c.

THE CAMBRIDGE PARAGRAPH BIBLE of the Authorized English Version, with the Text Revised by a Collation of its Early and other Principal Editions, the Use of the Italic Type made uniform, the Marginal References remodelled, and a Critical Introduction prefixed, by F. H. A. SCRIVENER, M.A., LL.D., Editor of the Greek Testament, Codex Augiensis, &c., and one of the Revisers of the Authorized Version. Crown 4to. gilt. 21s.

From the *Times*.

"Students of the Bible should be particularly grateful (to the Cambridge University Press) for having produced, with the able assistance of Dr Scrivener, a complete critical edition of the Authorized Version of the English Bible, an edition such as, to use the words of the Editor, 'would have been executed long ago had this version been nothing more than the greatest and best known of English classics.' Falling at a time when the formal revision of this version has been undertaken by a distinguished company of scholars and divines, the publication of this edition must be considered most opportune."

From the *Athenæum*.

"Apart from its religious importance, the English Bible has the glory, which but few sister versions indeed can claim, of being the chief classic of the language, of having, in conjunction with Shakspeare, and in an immeasurable degree more than he, fixed the language beyond any possibility of important change. Thus the recent contributions to the

literature of the subject, by such workers as Mr Francis Fry and Canon Westcott, appeal to a wide range of sympathies; and to these may now be added Dr Scrivener, well known for his labours in the cause of the Greek Testament criticism, who has brought out, for the Syndics of the Cambridge University Press, an edition of the English Bible, according to the text of 1611, revised by a comparison with later issues on principles stated by him in his Introduction. Here he enters at length into the history of the chief editions of the version, and of such features as the marginal notes, the use of italic type, and the changes of orthography, as well as into the most interesting question as to the original texts from which our translation is produced."

From the *London Quarterly Review*.

"The work is worthy in every respect of the editor's fame, and of the Cambridge University Press. The noble English Version, to which our country and religion owe so much, was probably never presented before in so perfect a form."

THE CAMBRIDGE PARAGRAPH BIBLE. STUDENT'S EDITION, on *good writing paper*, with one column of print and wide margin to each page for MS. notes. This edition will be found of great use to those who are engaged in the task of Biblical criticism. Two Vols. Crown 4to. gilt. 31s. 6d.

THE AUTHORIZED EDITION OF THE ENGLISH BIBLE (1611), ITS SUBSEQUENT REPRINTS AND MODERN REPRESENTATIVES. Being the Introduction to the Cambridge Paragraph Bible (1873), re-edited with corrections and additions. By F. H. A. SCRIVENER, M.A., D.C.L., LL.D., Prebendary of Exeter and Vicar of Hendon. Crown 8vo. 7s. 6d.

THE LECTIONARY BIBLE, WITH APOCRYPHA, divided into Sections adapted to the Calendar and Tables of Lessons of 1871. Crown 8vo. 3s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse,
Ave Maria Lane.

THE REVISED VERSION OF THE OLD AND NEW TESTAMENTS.

*The Revised Version is the Joint Property of the Universities of
Oxford and Cambridge.*

(The Cambridge & Oxford Editions are uniform in Type, Size, & Price.)

The following Editions of the Revised Version of the Holy Bible and New Testament have been already published and may be had in a great variety of cloth and leather bindings of all booksellers.

THE HOLY BIBLE.

N.B. *The Pearl 16mo., the Ruby 16mo., and the Minion 8vo., are facsimile editions and correspond page for page with each other.*

Cheap edition for use in Schools.

1. Pearl type, 16mo.	prices from	1/6
2. Ruby type, 16mo.	do.	4/6
3. Minion type, 8vo.	do.	7/6

A large type edition in one volume.

4. Small Pica type, Imperial 8vo.	prices from	18/-

LIBRARY EDITIONS.

In five vols., or the Old Testament only, in four volumes.

5. Pica type, Demy 8vo.	5 vols., prices from	£2.
6. Pica type, Demy 8vo. Old Testament only, 4 vols.,	do.	£1 12s.
7. Pica type, Royal 8vo.	5 vols., do.	£3 2s. 6d.
8. Pica type, Royal 8vo. Old Testament only, 4 vols.,	do.	£2 10s.

THE PARALLEL BIBLE.

Being the AUTHORISED VERSION arranged in Parallel columns with
the REVISED VERSION.

9. Minion type, Crown 4to.	prices from	£1 6s.

LONDON: C. J. CLAY AND SONS,
CAMBRIDGE UNIVERSITY PRESS WAREHOUSE,
AVE MARIA LANE.

THE REVISED VERSION OF THE NEW TESTAMENT.

Cheap editions for use in Schools.

1. Nonpareil type, 32mo.	prices from	-/6
2. Brevier type, 16mo.	do.	1/-
3. Long Primer type, 8vo.	do.	1/6

LIBRARY EDITIONS.

4. Pica type, Demy 8vo.	prices from	8/-
5. Pica type, Royal 8vo.	do.	12/6

THE PARALLEL NEW TESTAMENT.

Giving the Authorised and Revised Versions side by side.

6. Pearl type, 16mo. (Pocket Edition)	prices from	1/6
7. Minion type, 8vo.	do.	4/6
8. Long Primer type, 4to.	do.	7/6

STUDENT'S LARGE PAPER EDITION.

9. Minion type, Crown 4to.	prices from	10/6

All Editions of the Parallel New Testament correspond page for page with each other.

THE PARALLEL NEW TESTAMENT, Greek and English. The Greek Text edited by the Rev. F. H. A. SCRIVENER, M.A., LL.D., and printed on alternate pages with the English Parallel Minion Edition of the Revised Version.

Minion type, Crown 8vo. prices from 12/6

THE NEW TESTAMENT IN GREEK, according to the Text followed in the Authorised Version with the variations adopted in the Revised Version. Edited by the Rev. F. H. A. SCRIVENER, M.A., LL.D.

Crown 8vo. prices from 6/-

Specimens of type and size of pages with prices sent on application.

LONDON: C. J. CLAY AND SONS,
CAMBRIDGE UNIVERSITY PRESS WAREHOUSE,
AVE MARIA LANE.

BREVIARIUM AD USUM INSIGNIS ECCLESIAE SARUM. Juxta Editionem maximam pro CLAUDIO CHEVALLON ET FRANCISCO REGNAULT A.D. MDXXXI. in Alma Parisiorum Academia impressam: labore ac studio FRANCISCI PROCTER, A.M., ET CHRISTOPHORI WORDSWORTH, A.M.

FASCICULUS I. In quo continentur KALENDARIVM, et ORDO TEMPORALIS sive PROPRIUM DE TEMPORE TOTIUS ANNI, una cum ordinali suo quod usitato vocabulo dicitur PICA SIVE DIRECTORIUM SACERDOTUM. Demy 8vo. 18s.

"The value of this reprint is considerable to liturgical students, who will now be able to consult in their own libraries a work absolutely indispensable to a right understanding of the history of the Prayer-Book, but which till now

usually necessitated a visit to some public library, since the rarity of the volume made its cost prohibitory to all but a few."—*Literary Churchman*.

FASCICULUS II. In quo continentur PSALTERIVM, cum ordinario Officii totius hebdomadae juxta Horas Canonicas, et proprio Completorii, LITANIA, COMMUNE SANCTORUM, ORDINARIUM MISSAE CUM CANONE ET XIII MISSIS, &c. &c. Demy 8vo. 12s.

"Not only experts in liturgiology, but all persons interested in the history of the Anglican Book of Common Prayer, will be grateful to the Syndicate of the Cambridge University Press for forwarding the publication of the volume which bears the above title."—*Notes and Queries*.

"Cambridge has worthily taken the lead with the Breviary, which is of especial value for that part of the reform of the Prayer-Book which will fit it for the wants of our time."—*Church Quarterly Review*.

FASCICULUS III. In quo continetur PROPRIUM SANCTORUM quod et sanctorale dicitur, una cum accentuario. Demy 8vo. 15s.

* * An Introduction of 130 pages, prefixed to this volume, contains (besides other interesting information as to the Breviary and its contents) Mr BRADSHAW'S exhaustive lists of editions and copies of the Breviary and allied liturgical books.

FASCICULI I. II. III. complete, £2. 2s.

BREVIARIUM ROMANUM a FRANCISCO CARDINALI QUIGNONIO editum et recognitum iuxta editionem Venetiis A.D. 1535 impressam curante JOHANNE WICKHAM LEGG Societatis Antiquariorum atque Coll. Reg. Medicorum London. Socio. Demy 8vo. 12s.

GREEK AND ENGLISH TESTAMENT, in parallel Columns on the same page. Edited by J. SCHOLEFIELD, M.A. Small Octavo. New Edition, with the Marginal References as arranged and revised by Dr SCRIVENER. Cloth, red edges. 7s. 6d.

GREEK AND ENGLISH TESTAMENT. THE STUDENT'S EDITION of the above, on *large writing paper*. 4to. 12s.

GREEK TESTAMENT, ex editione Stephani tertia, 1550. Small 8vo. 3s. 6d.

THE NEW TESTAMENT IN GREEK according to the text followed in the **Authorised Version**, with the Variations adopted in the **Revised Version**. Edited by F. H. A. SCRIVENER, M.A., D.C.L., LL.D. Crown 8vo. 6s. Morocco boards or limp. 12s.

The Revised Version is the Joint Property of the Universities of Cambridge and Oxford.

THE PARALLEL NEW TESTAMENT, GREEK AND ENGLISH, being the **Authorised Version** set forth in 1611 arranged in Parallel Columns with the **Revised Version** of 1881, and with the original Greek, as edited by F. H. A. SCRIVENER, M.A., D.C.L., LL.D. Crown 8vo. 12s. 6d. *The Revised Version is the Joint Property of the Universities of Cambridge and Oxford.*

THE OLD TESTAMENT IN GREEK ACCORDING TO THE SEPTUAGINT. Edited by H. B. SWETE, D.D., Honorary Fellow of Gonville and Caius College. Vol. I. Genesis—IV Kings. Crown 8vo. 7s. 6d.

Volume II. By the same Editor.

"Der Zweck dieser Ausgabe, den ganzen in den erwähnten Hss. vorliegenden kritischen Stoff übersichtlich zusammenzustellen und dem Benützer das Nachschlagen in den Separat-Ausgaben jener Codices zu ersparen, ist hier in compendiösester Weise vortrefflich erreicht. Bezüglich der Klarheit, Schönheit und Correctheit des Drucks gebührt der Ausgabe das höchste Lob. Da zugleich der Preis sehr niedrig gestellt ist, so ist zu hoffen und zu wünschen, dass sie auch ausserhalb des englischen Sprachkreises ihre Verbreitung finden werde.

Bezüglich der Accente und Spiritus der Eigennamen sind die Herausg. ihre eigenen Wege gegangen."—*Deutsche Literaturzeitung*.

"The Edition has been executed in the very best style of Cambridge accuracy, which has no superior anywhere, and this is enough to put it at the head of the list of editions for manual use."—*Academy*.

"An edition, which for ordinary purposes will probably henceforth be that in use by readers of the Septuagint."—*Guardian*.

THE BOOK OF ECCLESIASTES, with Notes and Introduction. By the Very Rev. E. H. PLUMPTRE, D.D., Dean of Wells. Large Paper Edition. Demy 8vo. 7s. 6d.

THE GOSPEL ACCORDING TO ST MATTHEW in Anglo-Saxon and Northumbrian Versions, synoptically arranged: with Collations exhibiting all the Readings of all the MSS. Edited by the Rev. W. W. SKEAT, Litt.D., Elrington and Bosworth Professor of Anglo-Saxon. **New Edition.** Demy 4to. 10s.

"By the publication of the present volume Prof. Skeat has brought to its conclusion a work planned more than a half century ago by the late J. M. Kemble... Students of English have every reason to be grateful to Prof. Skeat

for the scholarly and accurate way in which he has performed his laborious task. Thanks to him we now possess a reliable edition of all the existing MSS. of the old English Gospels."—*Academy*.

THE GOSPEL ACCORDING TO ST MARK, uniform with the preceding, by the same Editor. Demy 4to. 10s.

THE GOSPEL ACCORDING TO ST LUKE, uniform with the preceding, by the same Editor. Demy 4to. 10s.

THE GOSPEL ACCORDING TO ST JOHN, uniform with the preceding, by the same Editor. Demy 4to. 10s.

"*The Gospel according to St John, in Anglo-Saxon and Northumbrian Versions:* completes an undertaking designed and commenced by that distinguished scholar, J. M. Kemble, some forty years ago. Of the par-

ticular volume now before us, we can only say it is worthy of its two predecessors. We repeat that the service rendered to the study of Anglo-Saxon by this Synoptic collection cannot easily be overstated."—*Contemporary Review*.

THE FOUR GOSPELS (as above) bound in one volume, price 30s.

THE POINTED PRAYER BOOK, being the Book of Common Prayer with the Psalter or Psalms of David, pointed as they are to be sung or said in Churches. Royal 24mo. 1s. 6d.
The same in square 32mo. cloth. 6d.

THE CAMBRIDGE PSALTER, for the use of Choirs and Organists. Specially adapted for Congregations in which the "Cambridge Pointed Prayer Book" is used. Demy 8vo. cloth extra, 3s. 6d. cloth limp, cut flush. 2s. 6d.

THE PARAGRAPH PSALTER, arranged for the use of Choirs by BROOKE FOSS WESTCOTT, D.D., Regius Professor of Divinity in the University of Cambridge. Fcap. 4to. 5s.
The same in royal 32mo. Cloth 1s. Leather 1s. 6d.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

THE MISSING FRAGMENT OF THE LATIN TRANSLATION OF THE FOURTH BOOK OF EZRA, discovered, and edited with an Introduction and Notes, and a facsimile of the MS., by ROBERT L. BENSLEY, M.A., Lord Almoner's Professor of Arabic. Demy 4to. 10s.

"It has been said of this book that it has added a new chapter to the Bible, and, startling as the statement may at first sight appear, it is no exaggeration of the actual fact, if by the

Bible we understand that of the larger size which contains the Apocrypha, and if the Second Book of Esdras can be fairly called a part of the Apocrypha."—*Saturday Review*.

THE ORIGIN OF THE LEICESTER CODEX OF THE NEW TESTAMENT. By J. RENDEL HARRIS, M.A. With 3 plates. Demy 4to. 10s. 6d.

CODEx S. CEADDAE LATINUS. Evangelia SSS. Matthaei, Marci, Lucae ad cap. III. 9 complectens, circa septimum vel octavum saeculum scriptus, in Ecclesia Cathedrali Lichfieldiensi servatus. Cum codice versionis Vulgatae Amiatino contulit, prolegomena conscripsit, F. H. A. SCRIVENER, A.M., D.C.L., LL.D., With 3 plates. £1. 1s.

THEOLOGY—(ANCIENT).

THE GREEK LITURGIES. Chiefly from original Authorities. By C. A. SWAINSON, D.D., late Master of Christ's College, Cambridge. Crown 4to. Paper covers. 15s.

"Jeder folgende Forscher wird dankbar anerkennen, dass Swainson das Fundament zu einer historisch-kritischen Geschichte der

Griechischen Liturgien sicher gelegt hat."—ADOLPH HARNACK, *Theologische Literaturzeitung*.

THEODORE OF MOPSUESTIA'S COMMENTARY ON THE MINOR EPISTLES OF S. PAUL. The Latin Version with the Greek Fragments, edited from the MSS. with Notes and an Introduction, by H. B. SWETE, D.D. In Two Volumes. Volume I., containing the Introduction, with Facsimiles of the MSS., and the Commentary upon Galatians—Colossians. Demy 8vo. 12s.

"It is the result of thorough, careful, and patient investigation of all the points bearing on the subject, and the results are presented with admirable good sense and modesty."—*Guardian*.

"In dem oben verzeichneten Buche liegt uns die erste Hälfte einer vollständigen, ebenso sorgfältig gearbeiteten wie schön ausgestatteten Ausgabe des Commentars mit ausführlichen Prolegomena und reichhaltigen kritischen und erläuternden Anmerkungen vor."—*Literarisches Centralblatt*.

"Auf Grund dieser Quellen ist der Text bei Swete mit musterhafter Akribie hergestellt. Aber auch sonst hat der Herausgeber mit unermüdlichem Fleisse und eingehend-

ster Sachkenntniss sein Werk mit allen denjenigen Zugaben ausgerüstet, welche bei einer solchen Text-Ausgabe nur irgend erwartet werden können. . . . Von den drei Haupt-handschriften . . . sind vortreffliche photographische Facsimile's beigegeben, wie überhaupt das ganze Werk von der *University Press* zu Cambridge mit bekannter Eleganz ausgestattet ist."—*Theologische Literaturzeitung*.

"Herrn Swete's Leistung ist eine so tüchtige dass wir das Werk in keinen besseren Händen wissen möchten, und mit den sichersten Erwartungen auf das Gelingen der Fortsetzung entgegen sehen."—*Göttingische gelehrte Anzeigen* (Sept. 1881).

VOLUME II., containing the Commentary on 1 Thessalonians—Philemon, Appendices and Indices. 12s.

"Eine Ausgabe . . . für welche alle zugänglichen Hilfsmittel in musterhafter Weise benutzt wurden . . . eine reife Frucht siebenjährigen Fleisses."—*Theologische Literaturzeitung*

(Sept. 23, 1882).

"Mit derselben Sorgfalt bearbeitet die wir bei dem ersten Theile gerühmt haben."—*Literarisches Centralblatt* (July 29, 1882).

London: C. F. CLAY & SONS, Cambridge University Press Warehouse Ave Maria Lane.

SAYINGS OF THE JEWISH FATHERS, comprising Pirqe Aboth and Pereq R. Meir in Hebrew and English, with Critical and Illustrative Notes. By CHARLES TAYLOR, D.D., Master of St John's College, Cambridge. Demy 8vo. 10s.

"The 'Masseketh Aboth' stands at the head of Hebrew non-canonical writings. It is of ancient date, claiming to contain the dicta of teachers who flourished from B.C. 200 to the same year of our era. Mr Taylor's explanatory and illustrative commentary is very full and satisfactory."—*Spectator*.

"A careful and thorough edition which does credit to English scholarship, of a short treatise from the Mishna, containing a series of sentences or maxims ascribed mostly to Jewish teachers immediately preceding, or immediately following the Christian era. . ."—*Contemporary Review*.

A COLLATION OF THE ATHOS CODEX OF THE SHEPHERD OF HERMAS. Together with an Introduction by SPYR. P. LAMBROS, PH. D., translated and edited with a Preface and Appendices by J. ARMITAGE ROBINSON, M.A., Fellow and Dean of Christ's College, Cambridge. Demy 8vo. 3s. 6d.

THE PALESTINIAN MISHNA. By W. H. LOWE, M.A., Lecturer in Hebrew at Christ's College, Cambridge. Royal 8vo. 21s.

SANCTI IRENÆI EPISCOPI LUGDUNENSIS libros quinque adversus Hæreses, versione Latina cum Codicibus Claromontano ac Arundeliano denuo collata, præmissa de placitis Gnosticorum prolusione, fragmenta necnon Græce, Syriace, Armeniace, commentatione perpetua et indicibus variis edidit W. WIGAN HARVEY, S.T.B. Collegii Regalis olim Socius. 2 Vols. 8vo. 18s.

M. MINUCII FELICIS OCTAVIUS. The text revised from the original MS., with an English Commentary, Analysis, Introduction, and Copious Indices. Edited by H. A. HOLDEN, LL.D. Examiner in Greek to the University of London. Crown 8vo. 7s. 6d.

THEOPHILI EPISCOPI ANTIOCHENSIS LIBRI TRES AD AUTOLYCUM edidit, Prolegomenis Versione Notulis Indicibus instruxit G. G. HUMPHRY, S.T.B. Post 8vo. 5s.

THEOPHYLACTI IN EVANGELIUM S. MATTHÆI COMMENTARIUS, edited by W. G. HUMPHRY, B.D. Prebendary of St Paul's, late Fellow of Trinity College. Demy 8vo. 7s. 6d.

TERTULLIANUS DE CORONA MILITIS, DE SPEC-TACULIS, DE IDOLOLATRIA, with Analysis and English Notes, by GEORGE CURREY, D.D. Preacher at the Charter House, late Fellow and Tutor of St John's College. Crown 8vo. 5s.

FRAGMENTS OF PHILO AND JOSEPHUS. Newly edited by J. RENDEL HARRIS, M.A., Fellow of Clare College, Cambridge. With two Facsimiles. Demy 4to. 12s. 6d.

THE TEACHING OF THE APOSTLES. Newly edited, with Facsimile Text and Commentary, by J. RENDEL HARRIS, M.A. Demy 4to. £1. 1s.

THEOLOGY—(ENGLISH).

WORKS OF ISAAC BARROW, compared with the Original MSS., enlarged with Materials hitherto unpublished. A new Edition, by A. NAPIER, M.A. 9 Vols. Demy 8vo. £3. 3s.

TREATISE OF THE POPE'S SUPREMACY, and a Discourse concerning the Unity of the Church, by ISAAC BARROW. Demy 8vo. 7s. 6d.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

PEARSON'S EXPOSITION OF THE CREED, edited by TEMPLE CHEVALLIER, B.D. New Edition. Revised by R. SINKER, B.D., Librarian of Trinity College. Demy 8vo. 12s.

"A new edition of Bishop Pearson's famous work *On the Creed* has just been issued by the Cambridge University Press. It is the well-known edition of Temple Chevallier, thoroughly overhauled by the Rev. R. Sinker, of Trinity

College.....Altogether this appears to be the most complete and convenient edition as yet published of a work which has long been recognised in all quarters as a standard one."—*Guardian*.

AN ANALYSIS OF THE EXPOSITION OF THE CREED written by the Right Rev. JOHN PEARSON, D.D. late Lord Bishop of Chester, by W. H. MILL, D.D. Demy 8vo. 5s.

WHEATLY ON THE COMMON PRAYER, edited by G. E. CORRIE, D.D. late Master of Jesus College. Demy 8vo. 7s. 6d.

TWO FORMS OF PRAYER OF THE TIME OF QUEEN ELIZABETH. Now First Reprinted. Demy 8vo. 6d.

CÆSAR MORGAN'S INVESTIGATION OF THE TRINITY OF PLATO, and of Philo Judæus, and of the effects which an attachment to their writings had upon the principles and reasonings of the Fathers of the Christian Church. Revised by H. A. HOLDEN, LL.D. Crown 8vo. 4s.

SELECT DISCOURSES, by JOHN SMITH, late Fellow of Queens' College, Cambridge. Edited by H. G. WILLIAMS, B.D. late Professor of Arabic. Royal 8vo. 7s. 6d.

"The 'Select Discourses' of John Smith, collected and published from his papers after his death, are, in my opinion, much the most considerable work left to us by this Cambridge School [the Cambridge Platonists]. They have a right to a place in English literary history."

—MR MATTHEW ARNOLD, in the *Contemporary Review*.

"Of all the products of the Cambridge School, the 'Select Discourses' are perhaps the highest, as they are the most accessible and the most widely appreciated...and indeed

no spiritually thoughtful mind can read them unmoved. They carry us so directly into an atmosphere of divine philosophy, luminous with the richest lights of meditative genius... He was one of those rare thinkers in whom largeness of view, and depth, and wealth of poetic and speculative insight, only served to evoke more fully the religious spirit, and while he drew the mould of his thought from Plotinus, he vivified the substance of it from St Paul."—Principal TULLOCH, *Rational Theology in England in the 17th Century*.

THE HOMILIES, with Various Readings, and the Quotations from the Fathers given at length in the Original Languages. Edited by the late G. E. CORRIE, D.D. Demy 8vo. 7s. 6d.

DE OBLIGATIONE CONSCIENTIÆ PRÆLECTIONES decem Oxonii in Schola Theologica habitæ a ROBERTO SANDERSON, SS. Theologiæ ibidem Professore Regio. With English Notes, including an abridged Translation, by W. WHEWELL, D.D. late Master of Trinity College. Demy 8vo. 7s. 6d.

ARCHBISHOP USHER'S ANSWER TO A JESUIT, with other Tracts on Popery. Edited by J. SCHOLEFIELD, M.A. late Regius Professor of Greek in the University. Demy 8vo. 7s. 6d.

WILSON'S ILLUSTRATION OF THE METHOD OF explaining the New Testament, by the early opinions of Jews and Christians concerning Christ. Edited by T. TURTON, D.D. 8vo. 5s.

LECTURES ON DIVINITY delivered in the University of Cambridge, by JOHN HEY, D.D. Third Edition, revised by T. TURTON, D.D. late Lord Bishop of Ely. 2 vols. Demy 8vo. 15s.

S. AUSTIN AND HIS PLACE IN THE HISTORY OF CHRISTIAN THOUGHT. Being the Hulsean Lectures for 1885. By W. CUNNINGHAM, D.D. Demy 8vo. Buckram, 12s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

ARABIC, SANSKRIT, SYRIAC, &c.

THE DIVYÂVADÂNA, a Collection of Early Buddhist Legends, now first edited from the Nepalese Sanskrit MSS. in Cambridge and Paris. By E. B. COWELL, M.A., Professor of Sanskrit in the University of Cambridge, and R. A. NEIL, M.A., Fellow and Lecturer of Pembroke College. Demy 8vo. 18s.

POEMS OF BEHA ED DIN ZOHEIR OF EGYPT. With a Metrical Translation, Notes and Introduction, by E. H. PALMER, M.A., Barrister-at-Law of the Middle Temple, late Lord Almoner's Professor of Arabic, formerly Fellow of St John's College, Cambridge. 2 vols. Crown 4to.

Vol. I. **THE ARABIC TEXT.** 10s. 6d.

Vol. II. **ENGLISH TRANSLATION.** 10s. 6d.; cloth extra. 15s.

"We have no hesitation in saying that in both Prof. Palmer has made an addition to Oriental literature for which scholars should be grateful; and that, while his knowledge of Arabic is a sufficient guarantee for his mastery of the original, his English compositions are distinguished by versatility, command of language, rhythmical cadence, and, as we have

remarked, by not unskilful imitations of the styles of several of our own favourite poets, living and dead."—*Saturday Review*.

"This sumptuous edition of the poems of Behâ-ed-dîn Zoheir is a very welcome addition to the small series of Eastern poets accessible to readers who are not Orientalists."—*Academy*.

THE CHRONICLE OF JOSHUA THE STYLITE, composed in Syriac A.D. 507 with an English translation and notes, by W. WRIGHT, LL.D., Professor of Arabic. Demy 8vo. 10s. 6d.

"Die lehrreiche kleine Chronik Josuas hat nach Assemani und Martin in Wright einen dritten Bearbeiter gefunden, der sich um die Emendation des Textes wie um die Erklärung der Realien wesentlich verdient gemacht hat . . . Ws. Josua-Ausgabe ist eine sehr dankenswerte Gabe und besonders empfehlenswert als

ein Lehrmittel für den syrischen Unterricht; es erscheint auch gerade zur rechten Zeit, da die zweite Ausgabe von Roedigers syrischer Chrestomathie im Buchhandel vollständig vergriffen und diejenige von Kirch-Bernstein nur noch in wenigen Exemplaren vorhanden ist."—*Deutsche Literaturzeitung*.

KALILAH AND DIMNAH, OR, THE FABLES OF BIDPAI; being an account of their literary history, together with an English Translation of the same, with Notes, by I. G. N. KEITH-FALCONER, M.A., late Lord Almoner's Professor of Arabic in the University of Cambridge. Demy 8vo. 7s. 6d.

NALOPÂKHYÂNAM, OR, THE TALE OF NALA; containing the Sanskrit Text in Roman Characters, followed by a Vocabulary and a sketch of Sanskrit Grammar. By the late Rev. THOMAS JARRETT, M.A. Trinity College, Regius Professor of Hebrew. Demy 8vo. 10s.

NOTES ON THE TALE OF NALA, for the use of Classical Students, by J. PEILE, Litt. D., Master of Christ's College. Demy 8vo. 12s.

CATALOGUE OF THE BUDDHIST SANSKRIT MANUSCRIPTS in the University Library, Cambridge. Edited by C. BENDALL, M.A., Fellow of Gonville and Caius College. Demy 8vo. 12s.

"It is unnecessary to state how the compilation of the present catalogue came to be placed in Mr Bendall's hands; from the character of his work it is evident the selection was judicious, and we may fairly congratulate

those concerned in it on the result . . . Mr Bendall has entitled himself to the thanks of all Oriental scholars, and we hope he may have before him a long course of successful labour in the field he has chosen."—*Athenæum*.

THE HISTORY OF ALEXANDER THE GREAT, being the Syriac version of the Pseudo-Callisthenes. Edited from Five Manuscripts, with an English Translation and Notes, by E. A. W. BUDGE, M.A., Christ's College. [Nearly ready.

GREEK AND LATIN CLASSICS, &c.

SOPHOCLES: The Plays and Fragments, with Critical Notes, Commentary, and Translation in English Prose, by R. C. JEBB, Litt.D., LL.D., Professor of Greek in the University of Glasgow.

Part I. *Oedipus Tyrannus*. Demy 8vo. *New Edition*. 12s. 6d.

Part II. *Oedipus Coloneus*. Demy 8vo. 12s. 6d.

[*New Edition*. *In the Press*.]

Part III. *Antigone*. Demy 8vo. 12s. 6d.

Part IV. *Philoctetes*.

[*In the Press*.]

"Of his explanatory and critical notes we can only speak with admiration. Thorough scholarship combines with taste, erudition, and boundless industry to make this first volume a pattern of editing. The work is made complete by a prose translation, upon pages alternating with the text, of which we may say shortly that it displays sound judgment and taste, without sacrificing precision to poetry of expression."—*The Times*.

"Professor Jebb's edition of Sophocles is already so fully established, and has received such appreciation in these columns and elsewhere, that we have judged this third volume when we have said that it is of a piece with the others. The whole edition so far exhibits perhaps the most complete and elaborate editorial work which has ever appeared."—*Saturday Review*.

"Prof. Jebb's keen and profound sympathy, not only with Sophocles and all the best of ancient Hellenic life and thought, but also with modern European culture, constitutes him an ideal interpreter between the ancient writer and the modern reader."—*Athenæum*.

"It would be difficult to praise this third instalment of Professor Jebb's unequalled edition of Sophocles too warmly, and it is almost a work of supererogation to praise it at all. It is equal, at least, and perhaps superior, in merit, to either of his previous instalments; and when this is said, all is said. Yet we cannot refrain from formally recognising once more the consummate Greek scholarship of the editor, and from once more doing grateful homage to his masterly tact and literary skill, and to his unwearied and marvellous industry."—*Spectator*.

AESCHYLI FABULAE.—ΙΚΕΤΙΔΕΣ ΧΟΗΦΟΡΟΙ IN LIBRO MEDICEO MENDOSE SCRIPTAE EX VV. DD. CONIECTURIS EMENDATIUS EDITAE cum Scholiis Graecis et brevi adnotatione critica, curante F. A. PALEY, M.A., LL.D. Demy 8vo. 7s. 6d.

THE AGAMEMNON OF AESCHYLUS. With a Translation in English Rhythm, and Notes Critical and Explanatory. *New Edition Revised*. By the late BENJAMIN HALL KENNEDY, D.D., Regius Professor of Greek. Crown 8vo. 6s.

"One of the best editions of the masterpiece of Greek tragedy."—*Athenæum*.

THE THEÆTETUS OF PLATO with a Translation and Notes by the same Editor. Crown 8vo. 7s. 6d.

ARISTOTLE.—ΠΕΡΙ ΨΥΧΗΣ. ARISTOTLE'S PSYCHOLOGY, in Greek and English, with Introduction and Notes, by EDWIN WALLACE, M.A., late Fellow and Tutor of Worcester College, Oxford. Demy 8vo. 18s.

"The notes are exactly what such notes ought to be,—helps to the student, not mere displays of learning. By far the more valuable parts of the notes are neither critical nor literary, but philosophical and expository of the thought, and of the connection of thought, in the treatise itself. In this relation the notes are invaluable. Of the translation, it may be said that an English reader may fairly master by means of it this great treatise of Aristotle."—*Spectator*.

"Wallace's Bearbeitung der Aristotelischen Psychologie ist das Werk eines denkenden und in allen Schriften des Aristoteles und grösstentheils auch in der neueren Litteratur zu denselben belebten Mannes. . . Der schwächste Teil der Arbeit ist der kritische. . . Aber in allen diesen Dingen liegt auch nach der Absicht des Verfassers nicht der Schwerpunkt seiner Arbeit, sondern."—Prof. Susemihl in *Philologische Wochenschrift*.

ARISTOTLE.—ΠΕΡΙ ΔΙΚΑΙΟΣΤΗΝΗΣ. THE FIFTH BOOK OF THE NICOMACHEAN ETHICS OF ARISTOTLE. Edited by HENRY JACKSON, Litt.D., Fellow of Trinity College, Cambridge. Demy 8vo. 6s.

"It is not too much to say that some of the points he discusses have never had so much light thrown upon them before. . . Scholars

will hope that this is not the only portion of the Aristotelian writings which he is likely to edit."—*Athenæum*.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

ARISTOTLE. THE RHETORIC. With a Commentary by the late E. M. COPE, Fellow of Trinity College, Cambridge, revised and edited by J. E. SANDYS, Litt.D. With a biographical Memoir by the late H. A. J. MUNRO, Litt.D. 3 Vols., Demy 8vo. **Now reduced to 21s. (originally published at 31s. 6d.)**

"This work is in many ways creditable to the University of Cambridge. If an English student wishes to have a full conception of what is contained in the *Rhetoric* of Aristotle, to Mr Cope's edition he must go."—*Academy*.

"Mr Sandys has performed his arduous duties with marked ability and admirable tact. . . . In every part of his work—revising, supplementing, and completing—he has done exceedingly well."—*Examiner*.

PINDAR. OLYMPIAN AND PYTHIAN ODES. With Notes Explanatory and Critical, Introductions and Introductory Essays. Edited by C. A. M. FENNELL, Litt.D., late Fellow of Jesus College. Crown 8vo. 9s.

"Mr Fennell deserves the thanks of all classical students for his careful and scholarly edition of the Olympian and Pythian odes. He brings to his task the necessary enthusiasm for

his author, great industry, a sound judgment, and, in particular, copious and minute learning in comparative philology."—*Athenæum*.

— **THE ISTHMIAN AND NEMEAN ODES.** By the same Editor. Crown 8vo. 9s.

"... As a handy and instructive edition of a difficult classic no work of recent years surpasses Mr Fennell's 'Pindar.'"—*Athenæum*.

"This work is in no way inferior to the previous volume. The commentary affords

valuable help to the study of the most difficult of Greek authors, and is enriched with notes on points of scholarship and etymology which could only have been written by a scholar of very high attainments."—*Saturday Review*.

PRIVATE ORATIONS OF DEMOSTHENES, with Introductions and English Notes, by the late F. A. PALEY, M.A. and J. E. SANDYS, Litt.D. Fellow and Tutor of St John's College, and Public Orator in the University of Cambridge.

PART I. Contra Phormionem, Lacritum, Pantaenetum, Boeotum de Nomine, Boeotum de Dote, Dionysodorum. **New Edition.** Crown 8vo. 6s.

"Mr Paley's scholarship is sound and accurate, his experience of editing wide, and if he is content to devote his learning and abilities to the production of such manuals as these, they will be received with gratitude throughout the higher schools of the country. Mr Sandys is deeply read in the German

literature which bears upon his author, and the elucidation of matters of daily life, in the delineation of which Demosthenes is so rich, obtains full justice at his hands. . . . We hope this edition may lead the way to a more general study of these speeches in schools than has hitherto been possible."—*Academy*.

PART II. Pro Phormione, Contra Stephanum I. II.; Nicostратum, Cononem, Calliclem. **New Edition.** Crown 8vo. 7s. 6d.

"It is long since we have come upon a work evincing more pains, scholarship, and varied research and illustration than Mr Sandys's contribution to the 'Private Orations of De-

mosthenes'."—*Saturday Review*.

"... the edition reflects credit on Cambridge scholarship, and ought to be extensively used."—*Athenæum*.

DEMOSTHENES AGAINST ANDROTION AND AGAINST TIMOCRATES, with Introductions and English Commentary, by WILLIAM WAYTE, M.A., late Professor of Greek, University College, London. Crown 8vo. 7s. 6d.

"These speeches are highly interesting, as illustrating Attic Law, as that law was influenced by the exigencies of politics. . . . As vigorous examples of the great orator's style,

they are worthy of all admiration. . . . Besides a most lucid and interesting introduction, Mr Wayte has given the student effective help in his running commentary."—*Spectator*.

PLATO'S PHÆDO, literally translated, by the late E. M. COPE, Fellow of Trinity College, Cambridge, revised by HENRY JACKSON, Litt.D., Fellow of Trinity College. Demy 8vo. 5s.

P. VERGILI MARONIS OPERA, cum Prolegomenis et Commentario Critico edidit B. H. KENNEDY, S.T.P., Extra Fcap. 8vo. 3s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

THE BACCHAE OF EURIPIDES. With Introduction, Critical Notes, and Archæological Illustrations, by J. E. SANDYS, Litt.D. New and Enlarged Edition. Crown 8vo. 12s. 6d.

"Of the present edition of the *Bacchæ* by Mr Sandys we may safely say that never before has a Greek play, in England at least, had fuller justice done to its criticism, interpretation, and archæological illustration, whether for the young student or the more advanced scholar. The Cambridge Public Orator may be said to have taken the lead in issuing a complete edition of a Greek play, which is destined perhaps to gain redoubled favour now that the study of ancient monuments has been applied to its illustration."—*Saturday Review*.

"The volume is interspersed with well-executed woodcuts, and its general attractiveness of form reflects great credit on the University Press. In the notes Mr Sandys has more than sustained his well-earned reputation as a careful and learned editor, and shows considerable advance in freedom and lightness of style. . . . Under such circumstances it is superfluous to say that for the purposes of teachers and advanced students this handsome edition far surpasses all its predecessors."—*Athenæum*.

THE TYPES OF GREEK COINS. By PERCY GARDNER, Litt. D., F.S.A. With 16 Autotype plates, containing photographs of Coins of all parts of the Greek World. Impl. 4to. Cloth extra, £1. 11s. 6d.; Roxburgh (Morocco back), £2. 2s.

"Professor Gardner's book is written with such lucidity and in a manner so straightforward that it may well win converts, and it may

be distinctly recommended to that omnivorous class of readers—'men in the schools'."—*Saturday Review*.

ESSAYS ON THE ART OF PHEIDIAS. By C. WALDSTEIN, Litt. D., Phil. D., Reader in Classical Archæology in the University of Cambridge. Royal 8vo. With numerous Illustrations. 16 Plates. Buckram, 30s.

"His book will be universally welcomed as a very valuable contribution towards a more thorough knowledge of the style of Pheidias."—*The Academy*.

"'Essays on the Art of Pheidias' form an extremely valuable and important piece of work. . . . Taking it for the illustrations alone, it is an exceedingly fascinating book."—*Times*.

AN INTRODUCTION TO GREEK EPIGRAPHY.

Part I. The Archaic Inscriptions and the Greek Alphabet by E. S. ROBERTS, M.A., Fellow and Tutor of Gonville and Caius College. Demy 8vo. With illustrations. 18s.

"We will say at once that Mr Roberts appears to have done his work very well. The book is clearly and conveniently arranged. The inscriptions are naturally divided according to the places to which they belong. Under each head are given illustrations sufficient to show the characteristics of the writing, one copy in letters of the original form (sometimes a facsimile) being followed by another in the usual cursive. References, which must have cost great labour, are given to the scattered

notices bearing on each document. Explanatory remarks either accompany the text or are added in an appendix. To the whole is prefixed a sketch of the history of the alphabet up to the terminal date. At the end the result is resumed in general tables of all the alphabets, classified according to their connexions; and a separate table illustrates the alphabet of Athens. The volume contains about five hundred inscriptions, and forms a moderate octavo of about four hundred pages."—*Saturday Review*.

M. TULLI CICERONIS AD M. BRUTUM ORATOR.

A revised text edited with Introductory Essays and with critical and explanatory notes, by J. E. SANDYS, Litt.D. Demy 8vo. 16s.

"This volume, which is adorned with several good woodcuts, forms a handsome and welcome addition to the Cambridge editions of Cicero's works."—*Athenæum*.

"A model edition."—*Spectator*.
"The commentary is in every way worthy of the editor's high reputation."—*Academy*.

M. TULLI CICERONIS DE FINIBUS BONORUM ET MALORUM LIBRI QUINQUE. The text revised and explained; with a Translation by JAMES S. REID, Litt. D., Fellow and Tutor of Gonville and Caius College. 3 Vols. [In the Press.] VOL. III. Containing the Translation. Demy 8vo. 8s.

M. T. CICERONIS DE OFFICIIS LIBRI TRES, with Marginal Analysis, English Commentary, and copious Indices, by H. A. HOLDEN, LL.D. Sixth Edition, Revised and Enlarged. Cr. 8vo. 9s.

"Few editions of a classic have found so much favour as Dr Holden's *De Officiis*, and the present revision (sixth edition) makes the

position of the work secure."—*American Journal of Philology*.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

- M. T. CICERONIS DE OFFICIIS LIBER TERTIUS, with Introduction, Analysis and Commentary, by H. A. HOLDEN, LL.D. Crown 8vo. 2s.
- M. TVLLI CICERONIS PRO C RABIRIO [PERDVELLIONIS REO] ORATIO AD QVIRITES, with Notes, Introduction and Appendices by W. E. HEITLAND, M.A., Fellow and Tutor of St John's College, Cambridge. Demy 8vo. 7s. 6d.
- M. TULLII CICERONIS DE NATURA DEORUM Libri Tres, with Introduction and Commentary by JOSEPH B. MAYOR, M.A., together with a new collation of several of the English MSS. by J. H. SWAINSON, M.A.
Vol. I. Demy 8vo. 10s. 6d. Vol. II. 12s. 6d. Vol. III. 10s.
- "Such editions as that of which Prof. Mayor has given us the first instalment will doubtless do much to remedy this undeserved neglect. It is one on which great pains and much learning have evidently been expended, and is in every way admirably suited to meet the needs of the student. . . . The notes of the editor are all that could be expected from his well-known learning and scholarship."—*Academy*.

See also Pitt Press Series, pp. 24—27.

MATHEMATICS, PHYSICAL SCIENCE, &c.

- MATHEMATICAL AND PHYSICAL PAPERS. By Sir W. THOMSON, LL.D., D.C.L., F.R.S., Professor of Natural Philosophy in the University of Glasgow. Collected from different Scientific Periodicals from May 1841, to the present time. Vol. I. Demy 8vo. 18s. Vol. II. 15s. [Volume III. *In the Press*.]
- MATHEMATICAL AND PHYSICAL PAPERS, by G. G. STOKES, Sc.D., LL.D., F.R.S., Lucasian Professor of Mathematics in the University of Cambridge. Reprinted from the Original Journals and Transactions, with Additional Notes by the Author. Vol. I. Demy 8vo. 15s. Vol. II. 15s. [Vol. III. *In the Press*.]
- A HISTORY OF THE THEORY OF ELASTICITY AND OF THE STRENGTH OF MATERIALS, from Galilei to the present time. VOL. I. Galilei to Saint-Venant, 1639-1850. By the late I. TODHUNTER, Sc.D., F.R.S., edited and completed by Professor KARL PEARSON, M.A. Demy 8vo. 25s.
Vol. II. By the same Editor. [*In the Press*.]
- THE ELASTICAL RESEARCHES OF BARRÉ DE SAINT-VENANT (Extract from Vol. II. of TODHUNTER's History of the Theory of Elasticity), edited by Professor KARL PEARSON, M.A. Demy 8vo. 9s.
- A TREATISE ON GEOMETRICAL OPTICS. By R. S. HEATH, M.A., Professor of Mathematics in Mason Science College, Birmingham. Demy 8vo. 12s. 6d.
- AN ELEMENTARY TREATISE ON GEOMETRICAL OPTICS. By R. S. HEATH, M.A. Crown 8vo. 5s.
- A TREATISE ON DYNAMICS. By S. L. LONEY, M.A., Fellow of Sidney Sussex College. Crown 8vo. [*Nearly ready*.]
- THE SCIENTIFIC PAPERS OF THE LATE PROF. J. CLERK MAXWELL. Edited by W. D. NIVEN, M.A. In 2 vols. Royal 4to. [*Nearly ready*.]

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

THE COLLECTED MATHEMATICAL PAPERS OF ARTHUR CAYLEY, Sc.D., F.R.S., Sadlerian Professor of Pure Mathematics in the University of Cambridge. Demy 4to. 10 vols. Volume I. 25s. *[In the Press.]*

A HISTORY OF THE STUDY OF MATHEMATICS AT CAMBRIDGE. By W. W. ROUSE BALL, M.A., Fellow and Lecturer on Mathematics of Trinity College, Cambridge. Crown 8vo. 6s.

A CATALOGUE OF THE PORTSMOUTH COLLECTION OF BOOKS AND PAPERS written by or belonging to SIR ISAAC NEWTON. Demy 8vo. 5s.

A TREATISE ON NATURAL PHILOSOPHY. By Sir W. THOMSON, LL.D., D.C.L., F.R.S., and P. G. TAIT, M.A. Part I. Demy 8vo. 16s. Part II. Demy 8vo. 18s.

ELEMENTS OF NATURAL PHILOSOPHY. By Professors Sir W. THOMSON and P. G. TAIT. Demy 8vo. 9s.

AN ATTEMPT TO TEST THE THEORIES OF CAPILLARY ACTION, by FRANCIS BASHFORTH, B.D., and J. C. ADAMS, M.A., F.R.S. Demy 4to. £1. 1s.

A TREATISE ON THE THEORY OF DETERMINANTS and their applications in Analysis and Geometry, by R. F. SCOTT, M.A., Fellow of St John's College. Demy 8vo. 12s.

HYDRODYNAMICS, a Treatise on the Mathematical Theory of the Motion of Fluids, by H. LAMB, M.A. Demy 8vo. 12s.

THE ANALYTICAL THEORY OF HEAT, by JOSEPH FOURIER. Translated, with Notes, by A. FREEMAN, M.A., formerly Fellow of St John's College, Cambridge. Demy 8vo. 12s.

PRACTICAL WORK AT THE CAVENDISH LABORATORY. HEAT. Edited by W. N. SHAW, M.A. Demy 8vo. 3s.

THE ELECTRICAL RESEARCHES OF THE Hon. H. CAVENDISH, F.R.S. Written between 1771 and 1781. Edited from the original MSS. in the possession of the Duke of Devonshire, K. G., by the late J. CLERK MAXWELL, F.R.S. Demy 8vo. 18s.

AN ELEMENTARY TREATISE ON QUATERNIONS. By P. G. TAIT, M.A. Demy 8vo. 14s. *[New Edition. In the Press.]*

COUNTERPOINT. A Practical Course of Study, by the late Professor Sir G. A. MACFARREN, M.A., Mus. Doc. New Edition, revised. Crown 4to. 7s. 6d.

A TREATISE ON THE GENERAL PRINCIPLES OF CHEMISTRY, by M. M. PATTISON MUIR, M.A. Second Edition. Demy 8vo. 15s.

"The value of the book as a digest of the historical developments of chemical thought is immense."—*Academy*.

"Theoretical Chemistry has moved so rapidly of late years that most of our ordinary text books have been left far behind. German students, to be sure, possess an excellent guide to the present state of the science in 'Die Modernen Theorien der Chemie' of Prof.

Lothar Meyer; but in this country the student has had to content himself with such works as Dr Tilden's 'Introduction to Chemical Philosophy', an admirable book in its way, but rather slender. Mr Pattison Muir having aimed at a more comprehensive scheme, has produced a systematic treatise on the principles of chemical philosophy which stands far in advance of any kindred work in our language."—*Athenæum*.

ELEMENTARY CHEMISTRY. By M. M. PATTISON MUIR, M.A., and CHARLES SLATER, M.A., M.B. Crown 8vo. 4s. 6d.

PRACTICAL CHEMISTRY. A Course of Laboratory Work. By M. M. PATTISON MUIR, M.A., and D. J. CARNEGIE, B.A. Crown 8vo. 3s.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

NOTES ON QUALITATIVE ANALYSIS. Concise and Explanatory. By H. J. H. FENTON, M.A., F.I.C., Demonstrator of Chemistry in the University of Cambridge. Cr. 4to. *New Edition.* 6s.

LECTURES ON THE PHYSIOLOGY OF PLANTS, by S. H. VINES, Sc.D., Professor of Botany in the University of Oxford. Demy 8vo. With Illustrations. 21s.

"To say that Dr Vines' book is a most valuable addition to our own botanical literature is but a narrow meed of praise: it is a work which will take its place as cosmopolitan: no more clear or concise discussion of the difficult chemistry of metabolism has appeared....

In erudition it stands alone among English books, and will compare favourably with any foreign competitors."—*Nature.*

"The work forms an important contribution to the literature of the subject.... It will be eagerly welcomed by all students."—*Academy.*

A SHORT HISTORY OF GREEK MATHEMATICS.

By J. GOW, Litt.D., Fellow of Trinity College. Demy 8vo. 10s. 6d.

DIOPHANTOS OF ALEXANDRIA; a Study in the History of Greek Algebra. By T. L. HEATH, M.A., Fellow of Trinity College, Cambridge. Demy 8vo. 7s. 6d.

"This study in the history of Greek Algebra is an exceedingly valuable contribution to the history of mathematics."—*Academy.*

"The most thorough account extant of Diophantus's place, work, and critics."—*Athenæum.*

THE MATHEMATICAL WORKS OF ISAAC BARROW, D.D. Edited by W. HEWELL, D.D. Demy 8vo. 7s. 6d.

THE FOSSILS AND PALÆONTOLOGICAL AFFINITIES OF THE NEOCOMIAN DEPOSITS OF UPWARE AND BRICKHILL with Plates, being the Sedgwick Prize Essay for 1879. By the late W. KEEPING, M.A. Demy 8vo. 10s. 6d.

A CATALOGUE OF BOOKS AND PAPERS ON PROTOZOA, CÆLENTERATES, WORMS, and certain smaller groups of animals, published during the years 1861—1883, by D'ARCY W. THOMPSON, M.A. Demy 8vo. 12s. 6d.

ASTRONOMICAL OBSERVATIONS made at the Observatory of Cambridge by the late Rev. J. CHALLIS, M.A. from 1846 to 1860.

ASTRONOMICAL OBSERVATIONS from 1861 to 1865. Vol. XXI. Royal 4to. 15s. From 1866 to 1869. Vol. XXII. Royal 4to. [Nearly ready.

A CATALOGUE OF THE COLLECTION OF BIRDS formed by the late H. E. STRICKLAND, now in the possession of the University of Cambridge. By O. SALVIN, M.A. Demy 8vo. £1. 1s.

A CATALOGUE OF AUSTRALIAN FOSSILS, Stratigraphically and Zoologically arranged, by R. ETHERIDGE, Jun., F.G.S. Demy 8vo. 10s. 6d.

ILLUSTRATIONS OF COMPARATIVE ANATOMY, VERTEBRATE AND INVERTEBRATE, for the Use of Students in the Museum of Zoology and Comparative Anatomy. Second Edition. Demy 8vo. 2s. 6d.

A CATALOGUE OF THE COLLECTION OF CAMBRIAN AND SILURIAN FOSSILS contained in the Geological Museum of the University of Cambridge, by J. W. SALTER, F.G.S. With a Portrait of PROFESSOR SEDGWICK. Royal 4to. 7s. 6d.

CATALOGUE OF OSTEOLOGICAL SPECIMENS contained in the Anatomical Museum of the University of Cambridge. Demy 8vo. 2s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

LAW.

ELEMENTS OF THE LAW OF TORTS. A Text-book for Students. By MELVILLE M. BIGELOW, Ph.D., Lecturer in the Law School of the University of Boston, U.S.A. Crown 8vo. 10s. 6d.

"It is based on the original American edition, but it is an English Text-book with English authorities and statutes and illustrations substituted very generally for the American. . . The style is easy and lucid, though condensed,

showing great grasp of subject . . . A very full index enhances the value of this book, which should take a prominent place among the really trustworthy text-books for the use of students."—*Law Times*.

A SELECTION OF CASES ON THE ENGLISH LAW OF CONTRACT. By GERARD BROWN FINCH, M.A., of Lincoln's Inn, Barrister at Law. Royal 8vo. 28s.

"An invaluable guide towards the best method of legal study."—*Law Quarterly Review*.

THE INFLUENCE OF THE ROMAN LAW ON THE LAW OF ENGLAND. Being the Yorke Prize Essay for 1884. By T. E. SCRUTTON, M.A. Demy 8vo. 10s. 6d.

"Legal work of just the kind that a learned University should promote by its prizes."—*Law Quarterly Review*.

LAND IN FETTERS. Being the Yorke Prize Essay for 1885. By T. E. SCRUTTON, M.A. Demy 8vo. 7s. 6d.

COMMONS AND COMMON FIELDS, OR THE HISTORY AND POLICY OF THE LAWS RELATING TO COMMONS AND ENCLOSURES IN ENGLAND. Being the Yorke Prize Essay for 1886. By T. E. SCRUTTON, M.A. 10s. 6d.

HISTORY OF THE LAW OF TITHES IN ENGLAND. Being the Yorke Prize Essay for 1887. By W. EASTERBY, B.A., LL.B., St John's College and the Middle Temple. Demy 8vo. 7s. 6d.

AN ANALYSIS OF CRIMINAL LIABILITY. By E. C. CLARK, LL.D., Regius Professor of Civil Law in the University of Cambridge, also of Lincoln's Inn, Barrister-at-Law. Crown 8vo. 7s. 6d.

PRACTICAL JURISPRUDENCE, a Comment on AUSTIN. By E. C. CLARK, LL.D. Crown 8vo. 9s.

"Damit schliesst dieses inhaltreiche und nach allen Seiten anregende Buch über Prac-

tical Jurisprudence."—König. *Centralblatt für Rechtswissenschaft*.

A SELECTION OF THE STATE TRIALS. By J. W. WILLIS-BUND, M.A., LL.B., Professor of Constitutional Law and History, University College, London. Crown 8vo. Vols. I. and II. In 3 parts. **Now reduced to 30s.** (originally published at 46s.)

"This work is a very useful contribution to that important branch of the constitutional history of England which is concerned with the

growth and development of the law of treason, as it may be gathered from trials before the ordinary courts."—*The Academy*.

THE FRAGMENTS OF THE PERPETUAL EDICT OF SALVIUS JULIANUS, collected, arranged, and annotated by BRYAN WALKER, M.A., LL.D., late Law Lecturer of St John's College, and Fellow of Corpus Christi College, Cambridge. Crown 8vo. 6s.

"In the present book we have the fruits of the same kind of thorough and well-ordered study which was brought to bear upon the notes to the Commentaries and the Institutes . . . Hitherto the Edict has been almost inaccessible to the ordinary English student, and

such a student will be interested as well as perhaps surprised to find how abundantly the extant fragments illustrate and clear up points which have attracted his attention in the Commentaries, or the Institutes, or the Digest."—*Law Times*.

BRACTON'S NOTE BOOK. A Collection of Cases decided in the King's Courts during the reign of Henry the Third, annotated by a Lawyer of that time, seemingly by Henry of Bratton. Edited by F. W. MAITLAND of Lincoln's Inn, Barrister at Law, Downing Professor of the Laws of England. 3 vols. Demy 8vo. Buckram. £3. 3s. *Net.*

AN INTRODUCTION TO THE STUDY OF JUSTINIAN'S DIGEST. Containing an account of its composition and of the Jurists used or referred to therein. By HENRY JOHN ROBY, M.A., formerly Prof. of Jurisprudence, University College, London. Demy 8vo. 9s.

JUSTINIAN'S DIGEST. Lib. VII., Tit. I. De Usufructu, with a Legal and Philological Commentary. By H. J. ROBY, M.A. Demy 8vo. 9s.

Or the Two Parts complete in One Volume. Demy 8vo. 18s.

"Not an obscurity, philological, historical, or legal, has been left unsifted. More informing aid still has been supplied to the student of the Digest at large by a preliminary account, covering nearly 300 pages, of the mode of composition of the Digest, and of the jurists

whose decisions and arguments constitute its substance. Nowhere else can a clearer view be obtained of the personal succession by which the tradition of Roman legal science was sustained and developed."—*The Times*.

THE COMMENTARIES OF GAIUS AND RULES OF ULPIAN. With a Translation and Notes, by J. T. ABDY, LL.D., Judge of County Courts, late Regius Professor of Laws in the University of Cambridge, and the late BRYAN WALKER, M.A., LL.D., New Edition by BRYAN WALKER. Crown 8vo. 16s.

"As scholars and as editors Messrs Abdy and Walker have done their work well . . . For one thing the editors deserve special commendation. They have presented Gaius to the reader with few notes and those merely by

way of reference or necessary explanation. Thus the Roman jurist is allowed to speak for himself, and the reader feels that he is really studying Roman law in the original, and not a fanciful representation of it."—*Athenæum*.

THE INSTITUTES OF JUSTINIAN, translated with Notes by J. T. ABDY, LL.D., and the late BRYAN WALKER, M.A., LL.D. Crown 8vo. 16s.

"We welcome here a valuable contribution to the study of jurisprudence. The text of the *Institutes* is occasionally perplexing, even to practised scholars, whose knowledge of classical models does not always avail them in dealing with the technicalities of legal phraseology. Nor can the ordinary dictionaries be expected to furnish all the help that is wanted. This translation will then be of great use. To

the ordinary student, whose attention is distracted from the subject-matter by the difficulty of struggling through the language in which it is contained, it will be almost indispensable."—*Spectator*.

"The notes are learned and carefully compiled, and this edition will be found useful to students."—*Law Times*.

SELECTED TITLES FROM THE DIGEST, annotated by the late B. WALKER, M.A., LL.D. Part I. Mandati vel Contra. Digest XVII. 1. Crown 8vo. 5s.

— Part II. De Adquirendo rerum dominio and De Adquirenda vel amittenda possessione. Digest XLI. 1 and 11. Crown 8vo. 6s.

— Part III. De Conditionibus. Digest XII. 1 and 4—7 and Digest XIII. 1—3. Crown 8vo. 6s.

GROTIUS DE JURE BELLI ET PACIS, with the Notes of Barbeyrac and others; accompanied by an abridged Translation of the Text, by W. WHEWELL, D.D. late Master of Trinity College. 3 Vols. Demy 8vo. 12s. The translation separate, 6s.

HISTORICAL WORKS, &c.

THE LIFE AND LETTERS OF THE REVEREND

ADAM SEDGWICK, LL.D., F.R.S., Fellow of Trinity College, Cambridge, and Woodwardian Professor of Geology from 1818 to 1873. (Dedicated, by special permission, to Her Majesty the Queen.) By JOHN WILLIS CLARK, M.A., F.S.A., formerly Fellow of Trinity College, and THOMAS M^cKENNY HUGHES, M.A., Woodwardian Professor of Geology. 2 vols. Demy 8vo. [In the Press.]

LIFE AND TIMES OF STEIN, OR GERMANY AND PRUSSIA IN THE NAPOLEONIC AGE, by J. R. SEELEY, M.A., Regius Professor of Modern History in the University of Cambridge, with Portraits and Maps. 3 Vols. Demy 8vo. 30s.

"DR BUSCH's volume has made people think and talk even more than usual of Prince Bismarck, and Professor Seeley's very learned work on Stein will turn attention to an earlier and an almost equally eminent German statesman.... He was one, perhaps the chief, of the illustrious group of strangers who came to the rescue of Prussia in her darkest hour, about the time of the inglorious Peace of Tilsit, and who laboured to put life and order into her dispirited army, her impoverished finances, and her inefficient Civil Service. Englishmen will feel very pardonable pride at seeing one of their countrymen undertake to write the history of a period from the investigation of

which even laborious Germans are apt to shirk."—*Times*.

"In a notice of this kind scant justice can be done to a work like the one before us; no short *résumé* can give even the most meagre notion of the contents of these volumes, which contain no page that is superfluous, and none that is uninteresting.... To understand the Germany of to-day one must study the Germany of many yesterdays, and now that study has been made easy by this work, to which no one can hesitate to assign a very high place among those recent histories which have aimed at original research."—*Athenæum*.

THE DESPATCHES OF EARL GOWER, English Ambassador at the court of Versailles from June 1790 to August 1792, to which are added the Despatches of Mr Lindsay and Mr Munro, and the Diary of Lord Palmerston in France during July and August 1791. Edited by OSCAR BROWNING, M.A. Demy 8vo. 15s.

THE GROWTH OF ENGLISH INDUSTRY AND COMMERCE. By W. CUNNINGHAM, D.D. With Maps and Charts. Crown 8vo. 12s.

"MR CUNNINGHAM is not likely to disappoint any readers except such as begin by mistaking the character of his book. He does not promise, and does not give, an account of the dimensions to which English industry and com-

merce have grown. It is with the process of growth that he is concerned; and this process he traces with the philosophical insight which distinguishes between what is important and what is trivial."—*Guardian*.

CHRONOLOGICAL TABLES OF GREEK HISTORY.

Accompanied by a short narrative of events, with references to the sources of information and extracts from the ancient authorities, by CARL PETER. Translated from the German by G. CHAWNER, M.A., Fellow of King's College, Cambridge. Demy 4to. 10s.

KINSHIP AND MARRIAGE IN EARLY ARABIA, by W. ROBERTSON SMITH, M.A., LL.D., Fellow of Christ's College and University Librarian. Crown 8vo. 7s. 6d.

"It would be superfluous to praise a book so learned and masterly as Professor Robertson Smith's; it is enough to say that no student of

early history can afford to be without *Kinship in Early Arabia*."—*Nature*.

TRAVELS IN NORTHERN ARABIA IN 1876 AND 1877. BY CHARLES M. DOUGHTY, of Gonville and Caius College. With Illustrations and a Map. 2 vols. Demy 8vo. £3. 3s.

"This is in several respects a remarkable book. It records the ten years' travels of the author throughout Northern Arabia, in the Hejas and Nejd, from Syria to Mecca. No doubt this region has been visited by previous travellers, but none, we venture to think, have done their work with so much thoroughness or with more enthusiasm and love."—*Times*.

"We judge this book to be the most remarkable record of adventure and research which has been published to this generation."—*Spectator*.

"Its value as a storehouse of knowledge simply cannot be exaggerated."—*Saturday Review*.

THE ARCHITECTURAL HISTORY OF THE UNIVERSITY OF CAMBRIDGE AND OF THE COLLEGES OF CAMBRIDGE AND ETON, by the late ROBERT WILLIS, M.A. F.R.S., Jacksonian Professor in the University of Cambridge. Edited with large Additions and brought up to the present time by JOHN WILLIS CLARK, M.A., formerly Fellow of Trinity College, Cambridge. Four Vols. Super Royal 8vo. £6. 6s.

Also a limited Edition of the same, consisting of 120 numbered Copies only, large paper Quarto; the woodcuts and steel engravings mounted on India paper; price Twenty-five Guineas **net** each set.

THE UNIVERSITY OF CAMBRIDGE FROM THE EARLIEST TIMES TO THE ROYAL INJUNCTIONS OF 1535, by J. B. MULLINGER, M.A., Lecturer on History and Librarian to St John's College. Part I. Demy 8vo. (734 pp.), 12s.

Part II. From the Royal Injunctions of 1535 to the Accession of Charles the First. Demy 8vo. 18s.

"He shews in the statutes of the Colleges, the internal organization of the University, its connection with national problems, its studies, its social life. All this he combines in a form which is eminently readable."—PROF. CREIGHTON in *Cont. Review*.

"Mr Mullinger displays an admirable thoroughness in his work. Nothing could be more exhaustive and conscientious than his method: and his style...is picturesque and elevated."—*Times*.

SCHOLAE ACADEMICAE: some Account of the Studies at the English Universities in the Eighteenth Century. By C. WORDSWORTH, M.A., Fellow of Peterhouse. Demy 8vo. 10s. 6d.

"Mr Wordsworth has collected a great quantity of minute and curious information about the working of Cambridge institutions in the last century, with an occasional comparison of the corresponding state of things at Oxford.

... To a great extent it is purely a book of reference, and as such it will be of permanent value for the historical knowledge of English education and learning."—*Saturday Review*.

HISTORY OF THE COLLEGE OF ST JOHN THE EVANGELIST, by THOMAS BAKER, B.D., Ejected Fellow. Edited by JOHN E. B. MAYOR, M.A. Two Vols. Demy 8vo. 24s.

HISTORY OF NEPĀL, translated by MUNSHĪ SHEW SHUNKER SINGH and PANDIT SHRĪ GUNĀNAND; edited with an Introductory Sketch of the Country and People by Dr D. WRIGHT, late Residency Surgeon at Kāthmāndū, and with facsimiles of native drawings, and portraits of Sir JUNG BĀHĀDUR, the KING OF NEPĀL, &c. Super-royal 8vo. 10s. 6d.

A JOURNEY OF LITERARY AND ARCHÆOLOGICAL RESEARCH IN NEPAL AND NORTHERN INDIA, during the Winter of 1884-5. By CECIL BENDALL, M.A., Professor of Sanskrit in University College, London. Demy 8vo. 10s.

CANADIAN CONSTITUTIONAL HISTORY. By J. E. C. MUNRO, LL.M., Professor of Law and Political Economy at Victoria University, Manchester. Demy 8vo. [Nearly ready.]

CAMBRIDGE HISTORICAL ESSAYS.

POLITICAL PARTIES IN ATHENS DURING THE PELOPONNESIAN WAR, by L. WHIBLEY, M.A., Formerly Beatson Scholar of Pembroke College, Cambridge. (Prince Consort Dissertation, 1888.) Crown 8vo. 2s. 6d.

POPE GREGORY THE GREAT AND HIS RELATIONS WITH GAUL, by F. W. KELLETT, M.A., Sidney Sussex College. (Prince Consort Dissertation, 1888.) Crown 8vo. 2s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

MISCELLANEOUS.

- THE LITERARY REMAINS OF ALBRECHT DÜRER, by W. M. CONWAY. With Transcripts from the British Museum MSS., and Notes by LINA ECKENSTEIN. Royal 8vo. [*Nearly ready.*]
- THE COLLECTED PAPERS OF HENRY BRADSHAW, including his Memoranda and Communications read before the Cambridge Antiquarian Society. *With upwards of Ten fac-similes.* Edited by F. J. H. JENKINSON, M.A., Fellow of Trinity College. Demy 8vo. [*Nearly ready.*]
- THE LATIN HEPTATEUCH. Published piecemeal by the French printer WILLIAM MOREL (1560) and the French Benedictines E. MARTÈNE (1733) and J. B. PITRA (1852–88). Critically reviewed by JOHN E. B. MAYOR, M.A., Professor of Latin in the University of Cambridge. Demy 8vo. [*Immediately.*]
- A LATIN-ENGLISH DICTIONARY. Printed from the (Incomplete) MS. of the late T. H. KEY, M.A., F.R.S. Cr. 4to. 31s. 6d.
- A CATALOGUE OF ANCIENT MARBLES IN GREAT BRITAIN, by Prof. ADOLF MICHAELIS. Translated by C. A. M. FENNELL, Litt. D. Royal 8vo. Roxburgh (Morocco back), £2. 2s.
- "The book is beautifully executed, and with its few handsome plates, and excellent indexes, does much credit to the Cambridge Press. All lovers of true art and of good work should be grateful to the Syndics of the University Press for the liberal facilities afforded by them to the production of this important volume by Professor Michaelis."—*Saturday Review.*
- RHODES IN ANCIENT TIMES. By CECIL TORR, M.A. With six plates. Demy 8vo. 10s. 6d.
- RHODES IN MODERN TIMES. By the same Author. With three plates. Demy 8vo. 8s.
- THE WOODCUTTERS OF THE NETHERLANDS during the last quarter of the Fifteenth Century. In 3 parts. I. History of the Woodcutters. II. Catalogue of their Woodcuts. III. List of Books containing Woodcuts. By W. M. CONWAY. Demy 8vo. 10s. 6d.
- THE LITERATURE OF THE FRENCH RENAISSANCE. An Introductory Essay. By A. A. TILLEY, M.A. Cr. 8vo. 6s.
- FROM SHAKESPEARE TO POPE: an Inquiry into the causes and phenomena of the rise of Classical Poetry in England. By EDMUND GOSSE, M.A. Crown 8vo. 6s.
- A GRAMMAR OF THE IRISH LANGUAGE. By Prof. WINDISCH. Translated by Dr NORMAN MOORE. Crown 8vo. 7s. 6d.
- LECTURES ON TEACHING, delivered in the University of Cambridge in the Lent Term, 1880. By J. G. FITCH, M.A., LL.D. Her Majesty's Inspector of Training Colleges. Cr. 8vo. New Edit. 5s.
- "Mr Fitch's book covers so wide a field and touches on so many burning questions that we must be content to recommend it as the best existing *vade mecum* for the teacher."—*Pall Mall Gazette.*
- OCCASIONAL ADDRESSES ON EDUCATIONAL SUBJECTS. By S. S. LAURIE, M.A., LL.D. Crown 8vo. 5s.
- AN ATLAS OF COMMERCIAL GEOGRAPHY. Intended as a Companion to Dr MILL's "Elementary Commercial Geography." By J. G. BARTHOLOMEW, F.R.G.S. With an Introduction by Dr H. R. MILL. [*Preparing.*]
- A MANUAL OF CURSIVE SHORTHAND. By H. L. CALLENDAR, M.A., Fellow of Trinity College. Ex. Fcap. 8vo. 2s.
- A SYSTEM OF PHONETIC SPELLING ADAPTED TO ENGLISH. By H. L. CALLENDAR, M.A. Ex. Fcap. 8vo. 6d.
- For other books on Education, see Pitt Press Series, p. 31.*

- CONTRIBUTIONS TO THE TEXTUAL CRITICISM OF THE DIVINA COMEDIA. Including the complete collation throughout the *Inferno* of all the MSS. at Oxford and Cambridge. By the Rev. EDWARD MOORE, D.D. Demy 8vo. 21s.
- CHAPTERS ON ENGLISH METRE. By Rev. JOSEPH B. MAYOR, M.A. Demy 8vo. 7s. 6d.
- STUDIES IN THE LITERARY RELATIONS OF ENGLAND WITH GERMANY IN THE SIXTEENTH CENTURY. By C. H. HERFORD, M.A. Crown 8vo. 9s.
- ADMISSIONS TO GONVILLE AND CAIUS COLLEGE in the University of Cambridge March 1558—9 to Jan. 1678—9. Edited by J. VENN, Sc.D., and S. C. VENN. Demy 8vo. 10s.
- EPISTVLAE ORTELIANAE. ABRAHAMI ORTELII (Geographi Antverpiensis) et virorum eruditum ad eundem et ad JACOBVM COLIVM ORTELIANVM Epistulae. Cvm aliquot aliis epistulis et tractatibus quibusdam ab utroque collectis (1524—1628). Ex autographis mandante Ecclesia Londino-batava edidit JOANNES HENRICVS HESSELS. Demy 4to. £3. 10s. *Net.*
- CATALOGUE OF THE HEBREW MANUSCRIPTS preserved in the University Library, Cambridge. By Dr S. M. SCHILLER-SZINESSY. Volume I. containing Section I. *The Holy Scriptures*; Section II. *Commentaries on the Bible*. Demy 8vo. 9s.
- A CATALOGUE OF THE MANUSCRIPTS preserved in the Library of the University of Cambridge. Demy 8vo. 5 Vols. 10s. each. INDEX TO THE CATALOGUE. Demy 8vo. 10s.
- A CATALOGUE OF ADVERSARIA and printed books preserved in the Library of the University of Cambridge. 3s. 6d.
- THE ILLUMINATED MANUSCRIPTS IN THE LIBRARY of the Fitzwilliam Museum, Catalogued with Descriptions, and an Introduction, by W. G. SEARLE, M.A. Demy 8vo. 7s. 6d.
- A CHRONOLOGICAL LIST OF THE GRACES, Documents, and other Papers in the University Registry which concern the University Library. Demy 8vo. 2s. 6d.
- CATALOGUS BIBLIOTHECÆ BURCKHARDTIANÆ. Demy 4to. 5s.
- GRADUATI CANTABRIGIENSES: SIVE CATALOGUS exhibens nomina eorum quos gradu quocunque ornavit Academia Cantabrigiensis (1800—1884). Cura H. R. LUARD S. T. P. Demy 8vo. 12s. 6d.
- STATUTES OF THE UNIVERSITY OF CAMBRIDGE and for the Colleges therein, made, published and approved (1878—1882) under the Universities of Oxford and Cambridge Act, 1877. With an Appendix. Demy 8vo. 16s.
- STATUTES OF THE UNIVERSITY OF CAMBRIDGE. With Acts of Parliament relating to the University. 8vo. 3s. 6d.
- ORDINANCES OF THE UNIVERSITY OF CAMBRIDGE. Demy 8vo., cloth. 7s. 6d.
- TRUSTS, STATUTES AND DIRECTIONS affecting (1) The Professorships of the University. (2) The Scholarships and Prizes. (3) Other Gifts and Endowments. Demy 8vo. 5s.
- COMPENDIUM of UNIVERSITY REGULATIONS. 6d.

The Cambridge Bible for Schools and Colleges.

GENERAL EDITOR: THE VERY REVEREND J. J. S. PEROWNE, D.D.,
DEAN OF PETERBOROUGH.

"It is difficult to commend too highly this excellent series."—*Guardian*.

"The modesty of the general title of this series has, we believe, led many to misunderstand its character and underrate its value. The books are well suited for study in the upper forms of our best schools, but not the less are they adapted to the wants of all Bible students who are not specialists. We doubt, indeed, whether any of the numerous popular commentaries recently issued in this country will be found more serviceable for general use."—*Academy*.

"One of the most popular and useful literary enterprises of the nineteenth century."—*Baptist Magazine*.

"Of great value. The whole series of comments for schools is highly esteemed by students capable of forming a judgment. The books are scholarly without being pretentious: information is so given as to be easily understood."—*Sword and Trowel*.

The Very Reverend J. J. S. PEROWNE, D.D., Dean of Peterborough, has undertaken the general editorial supervision of the work, assisted by a staff of eminent coadjutors. Some of the books have been already edited or undertaken by the following gentlemen:

Rev. A. CARR, M.A., *late Assistant Master at Wellington College.*

Rev. T. K. CHEYNE, M.A., D.D., *late Fellow of Balliol College, Oxford.*

Rev. S. COX, *Nottingham.*

Rev. A. B. DAVIDSON, D.D., *Professor of Hebrew, Edinburgh.*

The Ven. F. W. FARRAR, D.D., *Archdeacon of Westminster.*

Rev. C. D. GINSBURG, LL.D.

Rev. A. E. HUMPHREYS, M.A., *late Fellow of Trinity College, Cambridge.*

Rev. A. F. KIRKPATRICK, M.A., *Fellow of Trinity College, Regius Professor of Hebrew.*

Rev. J. J. LIAS, M.A., *late Professor at St David's College, Lampeter.*

Rev. J. R. LUMBY, D.D., *Norrisian Professor of Divinity.*

Rev. G. F. MACLEAR, D.D., *Warden of St Augustine's College, Canterbury.*

Rev. H. C. G. MOULE, M.A., *late Fellow of Trinity College, Principal of Ridley Hall, Cambridge.*

Rev. E. H. PEROWNE, D.D., *Master of Corpus Christi College, Cambridge.*

The Ven. T. T. PEROWNE, B.D., *Archdeacon of Norwich.*

Rev. A. PLUMMER, M.A., D.D., *Master of University College, Durham.*

The Very Rev. E. H. PLUMPTRE, D.D., *Dean of Wells.*

Rev. H. E. RYLE, M.A., *Hulsean Professor of Divinity.*

Rev. W. H. SIMCOX, M.A., *Rector of Harlaxton, Grantham.*

W. ROBERTSON SMITH, M.A., *Fellow of Christ's College, and University Librarian.*

The Very Rev. H. D. M. SPENCE, M.A., *Dean of Gloucester.*

Rev. A. W. STREANE, M.A., *Fellow of Corpus Christi College, Cambridge.*

London: C. F. CLAY & SONS, Cambridge University Press Warehouse,
Ave Maria Lane.

THE CAMBRIDGE BIBLE FOR SCHOOLS & COLLEGES. *Cont.**Now Ready. Cloth, Extra Fcap. 8vo.*

THE BOOK OF JOSHUA. By the Rev. G. F. MACLEAR, D.D.
With 2 Maps. 2s. 6d.

THE BOOK OF JUDGES. By the Rev. J. J. LIAS, M.A.
With Map. 3s. 6d.

THE FIRST BOOK OF SAMUEL. By the Rev. Professor
KIRKPATRICK, M.A. With Map. 3s. 6d.

THE SECOND BOOK OF SAMUEL. By the Rev. Professor
KIRKPATRICK, M.A. With 2 Maps. 3s. 6d.

THE FIRST BOOK OF KINGS. By Rev. Prof. LUMBY, D.D. 3s. 6d.

THE SECOND BOOK OF KINGS. By the same Editor. 3s. 6d.

THE BOOK OF JOB. By the Rev. A. B. DAVIDSON, D.D. 5s.

THE BOOK OF ECCLESIASTES. By the Very Rev. E. H.
PLUMPTRE, D.D. 5s.

THE BOOK OF JEREMIAH. By the Rev. A. W. STREANE,
M.A. With Map. 4s. 6d.

THE BOOK OF HOSEA. By Rev. T. K. CHEYNE, M.A., D.D. 3s.

THE BOOKS OF OBADIAH AND JONAH. By Archdeacon
PEROWNE. 2s. 6d.

THE BOOK OF MICAH. By Rev. T. K. CHEYNE, D.D. 1s. 6d.

THE BOOKS OF HAGGAI AND ZECHARIAH. By Arch-
deacon PEROWNE. 3s.

THE GOSPEL ACCORDING TO ST MATTHEW. By the
Rev. A. CARR, M.A. With 2 Maps. 2s. 6d.

THE GOSPEL ACCORDING TO ST MARK. By the Rev.
G. F. MACLEAR, D.D. With 4 Maps. 2s. 6d.

THE GOSPEL ACCORDING TO ST LUKE. By Archdeacon
F. W. FARRAR. With 4 Maps. 4s. 6d.

THE GOSPEL ACCORDING TO ST JOHN. By the Rev.
A. PLUMMER, M.A., D.D. With 4 Maps. 4s. 6d.

THE ACTS OF THE APOSTLES. By the Rev. Professor
LUMBY, D.D. With 4 Maps. 4s. 6d.

THE EPISTLE TO THE ROMANS. By the Rev. H. C. G.
MOULE, M.A. 3s. 6d.

THE FIRST EPISTLE TO THE CORINTHIANS. By the Rev.
J. J. LIAS, M.A. With a Map and Plan. 2s.

THE SECOND EPISTLE TO THE CORINTHIANS. By the
Rev. J. J. LIAS, M.A. 2s.

THE EPISTLE TO THE EPHESIANS. By the Rev. H. C. G.
MOULE, M.A. 2s. 6d.

THE EPISTLE TO THE PHILIPPIANS. By the Rev. H. C. G.
MOULE, M.A. 2s. 6d.

THE EPISTLE TO THE HEBREWS. By Arch. FARRAR. 3s. 6d.

THE GENERAL EPISTLE OF ST JAMES. By the Very Rev.
E. H. PLUMPTRE, D.D. 1s. 6d.

THE EPISTLES OF ST PETER AND ST JUDE. By the
same Editor. 2s. 6d.

THE EPISTLES OF ST JOHN. By the Rev. A. PLUMMER,
M.A., D.D. 3s. 6d.

*London: C. F. CLAY & SONS, Cambridge University Press Warehouse,
Ave Maria Lane.*

THE CAMBRIDGE BIBLE FOR SCHOOLS & COLLEGES. *Cont.
Preparing.*

THE BOOK OF GENESIS. By the Very Rev. the DEAN OF PETERBOROUGH.

THE BOOKS OF EXODUS, NUMBERS AND DEUTERONOMY. By the Rev. C. D. GINSBURG, LL.D.

THE BOOKS OF EZRA AND NEHEMIAH. By the Rev. Prof. RYLE, M.A.

THE BOOK OF PSALMS. By the Rev. Prof. KIRKPATRICK, M.A.

THE BOOK OF ISAIAH. By W. ROBERTSON SMITH, M.A.

THE BOOK OF EZEKIEL. By the Rev. A. B. DAVIDSON, D.D.

THE EPISTLE TO THE GALATIANS. By the Rev. E. H. PEROWNE, D.D.

THE EPISTLES TO THE COLOSSIANS AND PHILEMON. By the Rev. H. C. G. MOULE, M.A.

THE EPISTLES TO TIMOTHY AND TITUS. By the Rev. A. E. HUMPHREYS, M.A.

THE BOOK OF REVELATION. By the Rev. W. SIMCOX, M.A.

THE CAMBRIDGE GREEK TESTAMENT

FOR SCHOOLS AND COLLEGES,

with a Revised Text, based on the most recent critical authorities, and English Notes, prepared under the direction of the General Editor,

THE VERY REVEREND J. J. S. PEROWNE, D.D.

Now Ready.

THE GOSPEL ACCORDING TO ST MATTHEW. By the Rev. A. CARR, M.A. With 4 Maps. 4s. 6d.

"Copious illustrations, gathered from a great variety of sources, make his notes a very valuable aid to the student. They are indeed remarkably interesting, while all explanations on meanings, applications, and the like are distinguished by their lucidity and good sense."—*Pall Mall Gazette*.

THE GOSPEL ACCORDING TO ST MARK. By the Rev. G. F. MACLEAR, D.D. With 3 Maps. 4s. 6d.

"The Cambridge Greek Testament, of which Dr Maclear's edition of the Gospel according to St Mark is a volume, certainly supplies a want. Without pretending to compete with the leading commentaries, or to embody very much original research, it forms a most satisfactory introduction to the study of the New Testament in the original. . . . Dr Maclear's introduction contains all that is known of St Mark's life, an account of the circumstances in which the Gospel was composed, an excellent sketch of the special characteristics of this Gospel; an analysis, and a chapter on the text of the New Testament generally. . . . The work is completed by three good maps."—*Saturday Review*.

THE GOSPEL ACCORDING TO ST LUKE. By Archdeacon FARRAR. With 4 Maps. 6s.

THE GOSPEL ACCORDING TO ST JOHN. By the Rev. A. PLUMMER, M.A., D.D. With 4 Maps. 6s.

"A valuable addition has also been made to 'The Cambridge Greek Testament for Schools,' Dr Plummer's notes on 'the Gospel according to St John' are scholarly, concise, and instructive, and embody the results of much thought and wide reading."—*Expositor*.

THE ACTS OF THE APOSTLES. By the Rev. Prof. LUMBY, D.D., with 4 Maps. 6s.

THE FIRST EPISTLE TO THE CORINTHIANS. By the Rev. J. J. LIAS, M.A. 3s.

THE SECOND EPISTLE TO THE CORINTHIANS. By the Rev. J. J. LIAS, M.A. [Preparing.]

THE EPISTLE TO THE HEBREWS. By Arch. FARRAR. 3s. 6d.

THE EPISTLES OF ST JOHN. By the Rev. A. PLUMMER, M.A., D.D. 4s.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse,
Ave Maria Lane.

THE PITT PRESS SERIES.

[Copies of the Pitt Press Series may generally be obtained bound in two parts for Class use, the text and notes in separate volumes.]

I. GREEK.

ARISTOPHANES—AVES. With English Notes and Introduction by W. C. GREEN, M.A., late Assistant Master at Rugby School. *New Edition.* 3s. 6d.

ARISTOPHANES—PLUTUS. By the same Editor. 3s. 6d.

ARISTOPHANES—RANÆ. By the same Editor. 3s. 6d.

EURIPIDES. HERACLEIDÆ. With Introduction and Explanatory Notes by E. A. BECK, M.A., Fellow of Trinity Hall. 3s. 6d.

EURIPIDES. HERCULES FURENS. With Introductions, Notes and Analysis. By A. GRAY, M.A., Fellow of Jesus College, and J. T. HUTCHINSON, M.A., Christ's College. *New Edition.* 2s.

EURIPIDES. HIPPOLYTUS. By W. S. HADLEY, M.A. Fellow of Pembroke College. 2s.

HERODOTUS, BOOK VI. Edited with Notes, Introduction and Maps by E. S. SHUCKBURGH, M.A., late Fellow of Emmanuel College. 4s.

HERODOTUS, BOOK VIII., CHAPS. I—90. By the same Editor. 3s. 6d.

"We could not wish for a better introduction to Herodotus."—*Journal of Education.*

HERODOTUS, BOOK IX., CHAPS. I—89. By the same Editor. 3s. 6d.

HOMER—ODYSSEY, BOOK IX. With Introduction, Notes and Appendices. By G. M. EDWARDS, M.A., Fellow and Classical Lecturer of Sidney Sussex College. 2s. 6d.

HOMER—ODYSSEY, BOOK X. By the same Editor. 2s. 6d.

LUCIANI SOMNIUM CHARON PISCATOR ET DE LUCTU, with English Notes by W. E. HEITLAND, M.A., Fellow of St John's College, Cambridge. *New Edition*, with Appendix. 3s. 6d.

PLATONIS APOLOGIA SOCRATIS. With Introduction, Notes and Appendices by J. ADAM, M.A., Fellow and Classical Lecturer of Emmanuel College. 3s. 6d.

"A worthy representative of English Scholarship."—*Classical Review.*

— CRITO. With Introduction, Notes and Appendix. By the same Editor. 2s. 6d.

"Mr Adam, already known as the author of a careful and scholarly edition of the Apology of Plato, will, we think, add to his reputation by his work upon the Crito."—*Academy.*

"A scholarly edition of a dialogue which has never been really well edited in English."—*Guardian.*

PLUTARCH. LIVES OF THE GRACCHI. With Introduction, Notes and Lexicon by Rev. HUBERT A. HOLDEN, M.A., LL.D. 6s.

PLUTARCH. LIFE OF NICIAS. With Introduction and Notes. By Rev. HUBERT A. HOLDEN, M.A., LL.D. 5s.

"This edition is as careful and thorough as Dr Holden's work always is."—*Spectator.*

PLUTARCH. LIFE OF SULLA. With Introduction, Notes, and Lexicon. By the Rev. HUBERT A. HOLDEN, M.A., LL.D. 6s.

PLUTARCH. LIFE OF TIMOLEON. With Introduction, Notes and Lexicon. By Rev. HUBERT A. HOLDEN, M.A., LL.D.

[Nearly ready.]

SOPHOCLES.—OEDIPUS TYRANNUS. School Edition, with Introduction and Commentary, by R. C. JEBB, Litt. D., LL.D., Professor of Greek in the University of Glasgow. 4s. 6d.

THUCYDIDES. BOOK VII. With Notes and Introduction.

By H. R. TOTTENHAM, M.A., Fellow of St John's College. [*In the Press.*]

XENOPHON.—AGESILAUS. The Text revised with Critical and Explanatory Notes, Introduction, Analysis, and Indices. By H. HAILSTONE, M.A., late Scholar of Peterhouse. 2s. 6d.

XENOPHON.—ANABASIS, BOOKS I. III. IV. and V. With a Map and English Notes by ALFRED PRETOR, M.A., Fellow of St Catharine's College, Cambridge. 2s. each.

"Mr Pretor's 'Anabasis of Xenophon, Book IV.' displays a union of accurate Cambridge scholarship, with experience of what is required by learners gained in examining middle-class schools. The text is large and clearly printed, and the notes explain all difficulties. Mr Pretor's notes seem to be all that could be wished as regards grammar, geography, and other matters."—*The Academy*.

— —. BOOKS II. VI. and VII. By the same. 2s. 6d. each.

"Had we to introduce a young Greek scholar to Xenophon, we should esteem ourselves fortunate in having Pretor's text-book as our chart and guide."—*Contemporary Review*.

XENOPHON.—ANABASIS. By A. PRETOR, M.A., Text and Notes, complete in two Volumes. 7s. 6d.

XENOPHON.—CYROPAEIDEIA. BOOKS I. II. With Introduction, Notes and Map. By Rev. H. A. HOLDEN, M.A., LL.D. 2 vols. Vol. I. Text. Vol. II. Notes. 6s.

"The work is worthy of the editor's well-earned reputation for scholarship and industry."—*Athenaeum*.

— —. BOOKS III., IV., V. By the same Editor. 5s.

"Dr Holden's Commentary is equally good in history and in scholarship."—*Saturday Review*.

II. LATIN.

BEDA'S ECCLESIASTICAL HISTORY, BOOKS

III., IV., the Text from the very ancient MS. in the Cambridge University Library, collated with six other MSS. Edited, with a life from the German of EBERT, and with Notes, &c. by J. E. B. MAYOR, M.A., Professor of Latin, and J. R. LUMBY, D.D., Norrisian Professor of Divinity. Revised edition. 7s. 6d.

BOOKS I. and II. *In the Press.*

"In Bede's works Englishmen can go back to *origines* of their history, unequalled for form and matter by any modern European nation. Prof. Mayor has done good service in rendering a part of Bede's greatest work accessible to those who can read Latin with ease. He has adorned this edition of the third and fourth books of the 'Ecclesiastical History' with that amazing erudition for which he is unrivalled among Englishmen and rarely equalled by Germans. And however interesting and valuable the text may be, we can certainly apply to his notes the expression, *La sauce vaut mieux que le poisson*. They are literally crammed with interesting information about early English life. For though ecclesiastical in name, Bede's history treats of all parts of the national life, since the Church had points of contact with all."—*Examiner*.

CAESAR. DE BELLO GALLICO COMMENT. I. With Maps and English Notes by A. G. PESKETT, M.A., Fellow of Magdalene College, Cambridge. 1s. 6d.

CAESAR. DE BELLO GALLICO COMMENT. II. III. By the same Editor. 2s.

CAESAR. DE BELLO GALLICO COMMENT. I. II. III. by the same Editor. 3s.

CAESAR. DE BELLO GALLICO COMMENT. IV. AND V. and COMMENT. VII. by the same Editor. 2s. each.

CAESAR. DE BELLO GALLICO COMMENT. VI. AND COMMENT. VIII. by the same Editor. 1s. 6d. each.

CICERO. ACTIO PRIMA IN C. VERREM. With Introduction and Notes. By H. COWIE, M.A., Fellow of St John's College, Cambridge. 1s. 6d.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

CICERO. DE AMICITIA. Edited by J. S. REID, Litt D.,
Fellow and Tutor of Gonville and Caius College. New Edition, with
Additions. 3s. 6d.

"Mr Reid has decidedly attained his aim, namely, 'a thorough examination of the Latinity of the dialogue.' The revision of the text is most valuable, and comprehends sundry acute corrections. . . . This volume, like Mr Reid's other editions, is a solid gain to the scholarship of the country."—*Athenæum*.

"A more distinct gain to scholarship is Mr Reid's able and thorough edition of the *De Amicitia* of Cicero, a work of which, whether we regard the exhaustive introduction or the instructive and most suggestive commentary, it would be difficult to speak too highly. . . . When we come to the commentary, we are only amazed by its fulness in proportion to its bulk. Nothing is overlooked which can tend to enlarge the learner's general knowledge of Ciceronian Latin or to elucidate the text."—*Saturday Review*.

CICERO. DE SENECTUTE. Edited by J. S. REID,
Litt.D. Revised Edition. 3s. 6d.

"The notes are excellent and scholarlike, adapted for the upper forms of public schools, and likely to be useful even to more advanced students."—*Guardian*.

**CICERO. DIVINATIO IN Q. CAECILIUM ET ACTIO
PRIMA IN C. VERREM.** With Introduction and Notes by W. E.
HEITLAND, M.A., and HERBERT COWIE, M.A., Fellows of St John's
College, Cambridge. 3s.

CICERO. PHILIPPICA SECUNDA. With Introduction
and Notes by A. G. PESKETT, M.A., Fellow of Magdalene College. 3s. 6d.

CICERO. PRO ARCHIA POETA. Edited by J. S. REID,
Litt.D. Revised Edition. 2s.

"It is an admirable specimen of careful editing. An Introduction tells us everything we could wish to know about Archias, about Cicero's connexion with him, about the merits of the trial, and the genuineness of the speech. The text is well and carefully printed. The notes are clear and scholar-like. . . . No boy can master this little volume without feeling that he has advanced a long step in scholarship."—*The Academy*.

CICERO. PRO BALBO. Edited by J. S. REID, Litt.D.
1s. 6d.

"We are bound to recognize the pains devoted in the annotation of these two orations to the minute and thorough study of their Latinity, both in the ordinary notes and in the textual appendices."—*Saturday Review*.

CICERO. PRO MILONE, with a Translation of Asconius'
Introduction, Marginal Analysis and English Notes. Edited by the Rev.
JOHN SMYTH PURTON, B.D., late President and Tutor of St Catharine's
College. 2s. 6d.

"The editorial work is excellently done."—*The Academy*.

CICERO. PRO MURENA. With English Introduction
and Notes. By W. E. HEITLAND, M.A., Fellow and Classical Lecturer
of St John's College, Cambridge. **Second Edition, carefully revised.** 3s.

"Those students are to be deemed fortunate who have to read Cicero's lively and brilliant oration for L. Murena with Mr Heitland's handy edition, which may be pronounced 'four-square' in point of equipment, and which has, not without good reason, attained the honours of a second edition."—*Saturday Review*.

CICERO. PRO PLANCIO. Edited by H. A. HOLDEN,
LL.D., Examiner in Greek to the University of London. Second Edition.
4s. 6d.

CICERO. PRO SULLA. Edited by J. S. REID, Litt.D.
3s. 6d.

"Mr Reid is so well known to scholars as a commentator on Cicero that a new work from him scarcely needs any commendation of ours. His edition of the speech *Pro Sulla* is fully equal in merit to the volumes which he has already published. . . . It would be difficult to speak too highly of the notes. There could be no better way of gaining an insight into the characteristics of Cicero's style and the Latinity of his period than by making a careful study of this speech with the aid of Mr Reid's commentary. . . . Mr Reid's intimate knowledge of the minutest details of scholarship enables him to detect and explain the slightest points of distinction between the usages of different authors and different periods. . . . The notes are followed by a valuable appendix on the text, and another on points of orthography; an excellent index brings the work to a close."—*Saturday Review*.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse,
Ave Maria Lane.

CICERO. SOMNIUM SCIPIONIS. With Introduction and Notes. By W. D. PEARMAN, M.A., Head Master of Potsdam School, Jamaica. 2s.

HORACE. EPISTLES, BOOK I. With Notes and Introduction by E. S. SHUCKBURGH, M.A., late Fellow of Emmanuel College. 2s. 6d.

LIVY. BOOK XXI. With Notes, Introduction and Maps. By M. S. DIMSDALE, M.A., Fellow of King's College. 2s. 6d.

LIVY. BOOK XXII. By the same Editor. 2s. 6d.

LUCAN. PHARSALIA LIBER PRIMUS. Edited with English Introduction and Notes by W. E. HEITLAND, M.A. and C. E. HASKINS, M.A., Fellows and Lecturers of St John's College, Cambridge. 1s. 6d.

"A careful and scholarlike production."—*Times*.

"In nice parallels of Lucan from Latin poets and from Shakspeare, Mr Haskins and Mr Heitland deserve praise."—*Saturday Review*.

LUCRETIVS. BOOK V. With Notes and Introduction by J. D. DUFF, M.A., Fellow of Trinity College. 2s.

OVID. FASTI. LIBER VI. With a Plan of Rome and Notes by A. SIDGWICK, M.A., Tutor of Corpus Christi College, Oxford. 1s. 6d.

"Mr Sidgwick's editing of the Sixth Book of Ovid's *Fasti* furnishes a careful and serviceable volume for average students. It eschews 'construes' which supersede the use of the dictionary, but gives full explanation of grammatical usages and historical and mythical allusions, besides illustrating peculiarities of style, true and false derivations, and the more remarkable variations of the text."—*Saturday Review*.

QUINTUS CURTIUS. A Portion of the History. (ALEXANDER IN INDIA.) By W. E. HEITLAND, M.A., Fellow and Lecturer of St John's College, Cambridge, and T. E. RAVEN, B.A., Assistant Master in Sherborne School. 3s. 6d.

"Equally commendable as a genuine addition to the existing stock of school-books is *Alexander in India*, a compilation from the eighth and ninth books of Q. Curtius, edited for the Pitt Press by Messrs Heitland and Raven. . . . The work of Curtius has merits of its own, which, in former generations, made it a favourite with English scholars, and which still make it a popular text-book in Continental schools. . . . The reputation of Mr Heitland is a sufficient guarantee for the scholarship of the notes, which are ample without being excessive, and the book is well furnished with all that is needful in the nature of maps, indices, and appendices."—*Academy*.

VERGIL. AENEID. LIBRI I., II., III., IV., V., VI., VII., VIII., IX., X., XI., XII. Edited with Notes by A. SIDGWICK, M.A., Tutor of Corpus Christi College, Oxford. 1s. 6d. each.

"Mr Sidgwick's Vergil is.....we believe, the best school edition of the poet."—*Guardian*.

"Mr Arthur Sidgwick's 'Vergil, Aeneid, Book XII.' is worthy of his reputation, and is distinguished by the same acuteness and accuracy of knowledge, appreciation of a boy's difficulties and ingenuity and resource in meeting them, which we have on other occasions had reason to praise in these pages."—*The Academy*.

"As masterly in its clearly divided preface and appendices as in the sound and independent character of its annotations. . . . There is a great deal more in the notes than mere compilation and suggestion. . . . No difficulty is left unnoticed or unhandled."—*Saturday Review*.

VERGIL. AENEID. LIBRI IX. X. in one volume. 3s.

VERGIL. AENEID. LIBRI X., XI., XII. in one volume. 3s. 6d.

VERGIL. BUCOLICS. With Introduction and Notes, by the same Editor. 1s. 6d.

VERGIL. GEORGICS. LIBRI I. II. By the same Editor. 2s.

VERGIL. GEORGICS. LIBRI III. IV. By the same Editor. 2s.

"This volume, which completes the Pitt Press edition of Virgil's *Georgics*, is distinguished by the same admirable judgment and first-rate scholarship as are conspicuous in the former volume and in the "Aeneid" by the same talented editor."—*Athenæum*.

III. FRENCH.

CORNEILLE. LA SUITE DU MENTEUR. A Comedy in Five Acts. Edited with Fontenelle's Memoir of the Author, Voltaire's Critical Remarks, and Notes Philological and Historical. By the late GUSTAVE MASSON. 2s.

DE BONNECHOSE. LAZARE HOCHÉ. With Four Maps, Introduction and Commentary, by C. COLBECK, M.A., late Fellow of Trinity College, Cambridge. Revised Edition. 2s.

D'HARLEVILLE. LE VIEUX CÉLIBATAIRE. A Comedy. With a Biographical Memoir, and Grammatical, Literary and Historical Notes. By GUSTAVE MASSON. 2s.

DE LAMARTINE. JEANNE D'ARC. With a Map and Notes Historical and Philological and a Vocabulary by Rev. A. C. CLAPIN, M.A., St John's College, Cambridge, and Bachelier-ès-Lettres of the University of France. Enlarged Edition. 2s.

DE VIGNY. LA CANNE DE JONC. Edited with Notes by Rev. H. A. BULL, M.A. 2s.

ERCKMANN-CHATRIAN. LA GUERRE. With Map, Introduction and Commentary by the Rev. A. C. CLAPIN, M.A. 3s.

LA BARONNE DE STAËL-HOLSTEIN. LE DIRECTOIRE. (Considérations sur la Révolution Française. Troisième et quatrième parties.) With a Critical Notice of the Author, a Chronological Table, and Notes Historical and Philological, by G. MASSON, B.A., and G. W. PROTHERO, M.A. Revised and enlarged Edition. 2s.

"Prussia under Frederick the Great, and France under the Directory, bring us face to face respectively with periods of history which it is right should be known thoroughly, and which are well treated in the Pitt Press volumes. The latter in particular, an extract from the world-known work of Madame de Staël on the French Revolution, is beyond all praise for the excellence both of its style and of its matter."—*Times*.

LA BARONNE DE STAËL-HOLSTEIN. DIX ANNÉES D'EXIL. LIVRE II. CHAPITRES 1—8. With a Biographical Sketch of the Author, a Selection of Poetical Fragments by Madame de Staël's Contemporaries, and Notes Historical and Philological. By GUSTAVE MASSON and G. W. PROTHERO, M.A. Revised and enlarged edition. 2s.

LEMERCIER. FRÉDEGONDE ET BRUNEHAUT. A Tragedy in Five Acts. Edited with Notes, Genealogical and Chronological Tables, a Critical Introduction and a Biographical Notice. By GUSTAVE MASSON. 2s.

MOLIÈRE. LE BOURGEOIS GENTILHOMME, Comédie-Ballet en Cinq Actes. (1670.) With a life of Molière and Grammatical and Philological Notes. By Rev. A. C. CLAPIN. Revised Edition. 1s. 6d.

MOLIÈRE. L'ÉCOLE DES FEMMES. Edited with Introduction and Notes by GEORGE SAINTSBURY, M.A. 2s. 6d.

"Mr Sainsbury's clear and scholarly notes are rich in illustration of the valuable kind that vivifies textual comment and criticism."—*Saturday Review*.

PIRON. LA METROMANIE, A Comedy, with a Biographical Memoir, and Grammatical, Literary and Historical Notes. By G. MASSON. 2s.

SAINTE-BEUVE. M. DARU (Causeries du Lundi, Vol. IX.). With Biographical Sketch of the Author, and Notes Philological and Historical. By GUSTAVE MASSON. 2s.

SAINTINE. LA PICCIOLA. The Text, with Introduction, Notes and Map, by Rev. A. C. CLAPIN. 2s.

SCRIBE AND LEGOUVÉ. BATAILLE DE DAMES. Edited by Rev. H. A. BULL, M.A. 2s.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

SCRIBE. LE VERRE D'EAU. With a Biographical Memoir, and Grammatical, Literary and Historical Notes. By C. COLBECK, M.A. 2s.

"It may be national prejudice, but we consider this edition far superior to any of the series which hitherto have been edited exclusively by foreigners. Mr Colbeck seems better to understand the wants and difficulties of an English boy. The etymological notes especially are admirable. . . . The historical notes and introduction are a piece of thorough honest work."—*Journal of Education*.

SÉDAINE. LE PHILOSOPHE SANS LE SAVOIR. Edited with Notes by Rev. H. A. BULL, M.A., late Master at Wellington College. 2s.

THIERRY. LETTRES SUR L'HISTOIRE DE FRANCE (XIII.—XXIV.). By GUSTAVE MASSON, B.A. and G. W. PROTHERO, M.A. With Map. 2s. 6d.

THIERRY. RÉCITS DES TEMPS MÉROVINGIENS I—III. Edited by GUSTAVE MASSON, B.A. Univ. Gallic., and A. R. ROPES, M.A. With Map. 3s.

VILLEMEN LASCARIS, OU LES GRECS DU XV^E. SIÈCLE, Nouvelle Historique, with a Biographical Sketch of the Author, a Selection of Poems on Greece, and Notes Historical and Philological. By GUSTAVE MASSON, B.A. 2s.

VOLTAIRE. HISTOIRE DU SIÈCLE DE LOUIS XIV. Part I. Chaps. I.—XIII. Edited with Notes Philological and Historical, Biographical and Geographical Indices, etc. by G. MASSON, B.A. Univ. Gallic., and G. W. PROTHERO, M.A., Fellow of King's College, Cambridge. 2s. 6d.

— Part II. Chaps. XIV.—XXIV. With Three Maps of the Period. By the same Editors. 2s. 6d.

— Part III. Chap. XXV. to the end. By the same Editors. 2s. 6d.

XAVIER DE MAISTRE. LA JEUNE SIBÉRIENNE. LE LÉPREUX DE LA CITÉ D'AOSTE. With Biographical Notice, Critical Appreciations, and Notes. By G. MASSON, B.A. 2s.

IV. GERMAN.

BALLADS ON GERMAN HISTORY. Arranged and Annotated by W. WAGNER, Ph.D., late Professor at the Johanneum, Hamburg. 2s.

"It carries the reader rapidly through some of the most important incidents connected with the German race and name, from the invasion of Italy by the Visigoths under their King Alaric, down to the Franco-German War and the installation of the present Emperor. The notes supply very well the connecting links between the successive periods, and exhibit in its various phases of growth and progress, or the reverse, the vast unwieldy mass which constitutes modern Germany."—*Times*.

BENEDIX. DOCTOR WESPE. Lustspiel in fünf Aufzügen. Edited with Notes by KARL HERMANN BREUL, M.A. 3s.

FREYTAG. DER STAAT FRIEDRICHS DES GROSSEN. With Notes. By WILHELM WAGNER, Ph.D. 2s.

GERMAN DACTYLIC POETRY. Arranged and Annotated by the same Editor. 3s.

Goethe's Knabenjahre. (1749—1759.) GOETHE'S BOYHOOD: being the First Three Books of his Autobiography. Arranged and Annotated by the same Editor. 2s.

GOETHE'S HERMANN AND DOROTHEA. With an Introduction and Notes. By the same Editor. Revised edition by J. W. CARTMELL, M.A. 3s. 6d.

"The notes are among the best that we know, with the reservation that they are often too abundant."—*Academy*.

London: C. F. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

GUTZKOW. ZOPF UND SCHWERT. Lustspiel in fünf Aufzügen von. With a Biographical and Historical Introduction, English Notes, and an Index. By H. J. WOLSTENHOLME, B.A. (Lond.). 3s. 6d.

"We are glad to be able to notice a careful edition of K. Gutzkow's amusing comedy 'Zopf and Schwert' by Mr H. J. Wolstenholme. . . . These notes are abundant and contain references to standard grammatical works."—*Academy*.

HAUFF. DAS BILD DES KAISERS. Edited by KARL HERMANN BREUL, M.A., Ph.D. 3s.

HAUFF. DAS WIRTHSHAUS IM SPESSART. Edited by A. SCHLOTTMANN, Ph.D., late Assistant Master at Uppingham School. 3s. 6d.

HAUFF. DIE KARAVANE. Edited with Notes by A. SCHLOTTMANN, Ph.D. 3s. 6d.

IMMERMANN. DER OBERHOF. A Tale of Westphalian Life. With a Life of Immermann and English Notes, by WILHELM WAGNER, Ph.D., late Professor at the Johanneum, Hamburg. 3s.

KOHLRAUSCH. Das Jahr 1813 (THE YEAR 1813). With English Notes. By W. WAGNER. 2s.

LESSING AND GELLERT. SELECTED FABLES. Edited with Notes by KARL HERMANN BREUL, M.A., Lecturer in German at the University of Cambridge. 3s.

MENDELSSOHN'S LETTERS. Selections from. Edited by JAMES SIME, M.A. 3s.

RAUMER. Der erste Kreuzzug (THE FIRST CRUSADE). Condensed from the Author's 'History of the Hohenstaufen', with a life of RAUMER, two Plans and English Notes. By W. WAGNER. 2s.

"Certainly no more interesting book could be made the subject of examinations. The story of the First Crusade has an undying interest. The notes are, on the whole, good."—*Educational Times*.

RIEHL. CULTURGESCHICHTLICHE NOVELLEN. With Grammatical, Philological, and Historical Notes, and a Complete Index, by H. J. WOLSTENHOLME, B.A. (Lond.). 4s. 6d.

UHLAND. ERNST, HERZOG VON SCHWABEN. With Introduction and Notes. By H. J. WOLSTENHOLME, B.A. (Lond.), Lecturer in German at Newnham College, Cambridge. 3s. 6d.

V. ENGLISH.

ANCIENT PHILOSOPHY. A SKETCH OF, FROM THALES TO CICERO, by JOSEPH B. MAYOR, M.A. 3s. 6d.

"Professor Mayor contributes to the Pitt Press Series *A Sketch of Ancient Philosophy* in which he has endeavoured to give a general view of the philosophical systems illustrated by the genius of the masters of metaphysical and ethical science from Thales to Cicero. In the course of his sketch he takes occasion to give concise analyses of Plato's Republic, and of the Ethics and Politics of Aristotle: and these abstracts will be to some readers not the least useful portions of the book."—*The Guardian*.

ARISTOTLE. OUTLINES OF THE PHILOSOPHY OF.

Compiled by EDWIN WALLACE, M.A., LL.D. (St Andrews), late Fellow of Worcester College, Oxford. Third Edition Enlarged. 4s. 6d.

"A judicious selection of characteristic passages, arranged in paragraphs, each of which is preceded by a masterly and perspicuous English analysis."—*Scotsman*.

"Gives in a comparatively small compass a very good sketch of Aristotle's teaching."—*Sat. Review*.

BACON'S HISTORY OF THE REIGN OF KING HENRY VII. With Notes by the Rev. J. RAWSON LUMBY, D.D. 3s.

COWLEY'S ESSAYS. With Introduction and Notes. By the Rev. J. RAWSON LUMBY, D.D., Norrisian Professor of Divinity; Fellow of St Catharine's College. 4s.

GEOGRAPHY, ELEMENTARY COMMERCIAL. A

Sketch of the Commodities and the Countries of the World. By H. R. MILL, Sc.D., F.R.S.E., Lecturer on Commercial Geography in the Heriot-Watt College, Edinburgh. 1s.

MORE'S HISTORY OF KING RICHARD III. Edited

with Notes, Glossary and Index of Names. By J. RAWSON LUMBY, D.D. to which is added the conclusion of the History of King Richard III. as given in the continuation of Hardyng's Chronicle, London, 1543. 3s. 6d.

MORE'S UTOPIA. With Notes by the Rev. J. RAWSON

LUMBY, D.D. 3s. 6d.

"It was originally written in Latin and does not find a place on ordinary bookshelves. A very great boon has therefore been conferred on the general English reader by the managers of the *Pitt Press Series*, in the issue of a convenient little volume of *More's Utopia* not in the original Latin, but in the quaint *English Translation thereof made by Raphe Robynson*, which adds a linguistic interest to the intrinsic merit of the work. . . . All this has been edited in a most complete and scholarly fashion by Dr J. R. Lumby, the Norrisian Professor of Divinity, whose name alone is a sufficient warrant for its accuracy. It is a real addition to the modern stock of classical English literature."—*Guardian*.

THE TWO NOBLE KINSMEN, edited with Introduction and Notes by the Rev. Professor SKEAT, Litt.D., formerly Fellow of Christ's College, Cambridge. 3s. 6d.

"This edition of a play that is well worth study, for more reasons than one, by so careful a scholar as Mr Skeat, deserves a hearty welcome."—*Athenæum*.

"Mr Skeat is a conscientious editor, and has left no difficulty unexplained."—*Times*.

VI. EDUCATIONAL SCIENCE.**COMENIUS. JOHN AMOS, Bishop of the Moravians. His**

Life and Educational Works, by S. S. LAURIE, M.A., F.R.S.E., Professor of the Institutes and History of Education in the University of Edinburgh. New Edition, revised. 3s. 6d.

EDUCATION. THREE LECTURES ON THE PRAC-

TICE OF. I. On Marking, by H. W. EVE, M.A. II. On Stimulus, by A. SIDGWICK, M.A. III. On the Teaching of Latin Verse Composition, by E. A. ABBOTT, D.D. 2s.

LOCKE ON EDUCATION. With Introduction and Notes

by the Rev. R. H. QUICK, M.A. 3s. 6d.

"The work before us leaves nothing to be desired. It is of convenient form and reasonable price, accurately printed, and accompanied by notes which are admirable. There is no teacher too young to find this book interesting; there is no teacher too old to find it profitable."—*The School Bulletin, New York*.

MILTON'S TRACTATE ON EDUCATION. A fac-

simile reprint from the Edition of 1673. Edited, with Introduction and Notes, by OSCAR BROWNING, M.A. 2s.

"A separate reprint of Milton's famous letter to Master Samuel Hartlib was a desideratum, and we are grateful to Mr Browning for his elegant and scholarly edition, to which is prefixed the careful *résumé* of the work given in his 'History of Educational Theories.'"—*Journal of Education*.

MODERN LANGUAGES. LECTURES ON THE

TEACHING OF, delivered in the University of Cambridge in the Lent Term, 1887. By C. COLBECK, M.A., Assistant Master of Harrow School. 2s.

ON STIMULUS. A Lecture delivered for the Teachers'

Training Syndicate at Cambridge, May 1882, by A. SIDGWICK, M.A. 1s.

TEACHER. GENERAL AIMS OF THE, AND FORM

MANAGEMENT. Two Lectures delivered in the University of Cambridge in the Lent Term, 1883, by Archdeacon FARRAR, D.D., and R. B. POOLE, B.D. Head Master of Bedford Modern School. 1s. 6d.

TEACHING. THEORY AND PRACTICE OF. By the

Rev. EDWARD THRING, M.A., late Head Master of Uppingham School and Fellow of King's College, Cambridge. New Edition. 4s. 6d.

"Any attempt to summarize the contents of the volume would fail to give our readers a taste of the pleasure that its perusal has given us."—*Journal of Education*.

[Other Volumes are in preparation.]

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane.

University of Cambridge.

LOCAL EXAMINATIONS.

Examination Papers, for various years, with the *Regulations for the Examination*. Demy 8vo. 2s. each, or by Post 2s. 2d.

Class Lists, for various years, Boys 1s., Girls 6d.

Annual Reports of the Syndicate, with Supplementary Tables showing the success and failure of the Candidates. 2s. each, by Post 2s. 3d.

HIGHER LOCAL EXAMINATIONS.

Examination Papers for various years, *to which are added the Regulations for the Examination*. Demy 8vo. 2s. each, by Post 2s. 2d.

Class Lists, for various years. 1s. each. By Post 1s. 2d.

Reports of the Syndicate. Demy 8vo. 1s., by Post 1s. 2d.

LOCAL LECTURES SYNDICATE.

Calendar for the years 1875—80. Fcap. 8vo. cloth. 2s.; for 1880—81. 1s.

TEACHERS' TRAINING SYNDICATE.

Examination Papers for various years, *to which are added the Regulations for the Examination*. Demy 8vo. 6d., by Post 7d.

CAMBRIDGE UNIVERSITY REPORTER.

Published by Authority.

Containing all the Official Notices of the University, Reports of Discussions in the Schools, and Proceedings of the Cambridge Philosophical, Antiquarian and Philological Societies. 3d. weekly.

CAMBRIDGE UNIVERSITY EXAMINATION PAPERS.

These Papers are published in occasional numbers every Term, and in volumes for the Academical year.

VOL. XV. Parts 21 to 43. PAPERS for the Year 1885—86, 15s. cloth.

VOL. XVI. " 44 to 65. " " 1886—87, 15s. cloth.

VOL. XVII. " 65 to 86. " " 1887—88, 15s. cloth.

Oxford and Cambridge Schools Examinations.

Papers set in the Examination for Certificates, July, 1888. 2s. 6d.

List of Candidates who obtained Certificates at the Examination held in 1888; and Supplementary Tables. 6d.

Regulations of the Board for 1889. 9d.

Regulations for the Commercial Certificate, 1889. 3d.

Report of the Board for the year ending Oct. 31, 1888. 1s.

Studies from the Morphological Laboratory in the University of Cambridge.

Edited by ADAM SEDGWICK, M.A., Fellow and Lecturer of Trinity College, Cambridge. Vol. II. Part I. Royal 8vo. 10s. Vol. II. Part II. 7s. 6d. Vol. III. Part I. 7s. 6d. Vol. III. Part II. 7s. 6d. Vol. IV. Part I. 12s. 6d. Vol. IV. Part II. 10s.

London: C. J. CLAY AND SONS,

CAMBRIDGE UNIVERSITY PRESS WAREHOUSE,
AVE MARIA LANE.

GLASGOW: 263, ARGYLE STREET.

QE Etheridge, Robert
758 A catalogue of Australian
E8 fossils

P&ASci.

PLEASE DO NOT REMOVE
CARDS OR SLIPS FROM THIS POCKET

UNIVERSITY OF TORONTO LIBRARY