

internal anatomical details. Among the Pomacentridæ, this fish finds its place in the genus *Glyphidodon*, and has been identified by my friend, Mr. R. M. Johnston, with *Glyphidodon Victoriæ*, or the so-called "rock perch" of the Melbourne fishermen. As a species and genus it represents the first example recorded from Tasmanian waters. The specimen exhibited was captured on the North Coast, being taken in a graball net by the George Town fishermen. The structural formula, as given by Dr. Gunther, Ann. and Mag., Nat. Hist., 1873, vol. xi., p. 115, is as follows:—

GLYPHIDODON VICTORIÆ, Gunther.

D. 13-17. A. 2-15 | L. Lat. 30. L. Transv. 4-10.

Over fifty additional species of the genus have been described, the majority being inhabitants of the hotter Tropical Seas.

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## REFERENCE LIST OF THE TERTIARY FOSSILS OF TASMANIA.

BY ROBT. M. JOHNSTON, F.L.S.

So many additions have been made to the list of Tertiary fossils of Tasmania during the last seven years that it is now very desirable that a Reference List, complete to date, should be placed at the disposal of all those who may wish to make themselves acquainted with the Tertiary fossils of this island. I have, with this object in view, prepared the following Reference List, which I hope will be of some advantage to the members of this Society, as well as to geologists generally.

The list embraces about 382 species, of which the following is an abstract:—

	<i>Tertiary.</i>					
Plantæ ...	...	...	...	...	...	114
Rhizopoda	...	...	...	...	...	14
Actinozoa	...	...	...	...	...	16
Echinodermata	...	...	...	...	...	4
Polyzoa...	...	...	...	...	...	9
Crustacea	...	...	...	...	...	2
Brachiopoda	...	...	...	...	...	14
Pelecypoda	...	...	...	...	...	60
Gasteropoda	...	...	...	...	...	125
Cephalopoda	...	...	...	...	...	1
Pisces ...	...	...	...	...	...	3
Marsupialia	...	...	...	...	...	3



*Post Tertiary.*

Gasteropoda	...	...	...	...	...	6
Marsupialia	...	...	...	...	...	8
Rodentia	..	...	...	...	...	2
						<hr/> 17

The following is a summary of the number of species described by various authors:—

*Tertiary Species.*

Tenison-Woods	...	...	...	88 species.
R. M. Johnston	...	...	...	52 "
R. Tate	...	...	...	35 "
Ettingshausen	...	...	...	29 "
M'Coy	...	...	...	13 "
Duncan	...	...	...	12 "
Busk...	...	...	...	7 "
Various authors	...	...	...	60 "
Undetermined	...	...	...	69 "
				<hr/> 365

*Post Tertiary.*

Various authors	...	...	...	17 species.
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## TERTIARY.

*Plantæ.*

## DESCRIBED FROM LEAVES BY WRITING AND FIGURES.

1. *Lomaria primæva*. *R. M. Johnston*. (P.) *Locality*, Tas., Stevenson's Bend, Launceston. *Reference*, Johnston, Proc. Roy. Soc. Tas., Aug. 1874, fig. 3-6.
2. *Trichomanides Tasmanica*. *R. M. Johnston*. (P.) *Locality*, Tas., Breadalbane. *Reference*, Johnston, Proc. Roy. Soc. Tas., 1874, figs. 5-6.
3. *Pteris (?) Belli*. *R. M. Johnston*. (P.) *Locality*, Tas., Turritella Group, Table Cape. *Reference*. Proc. Roy. Soc. Tas., 1886.
4. *Myrica Eyeri*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *Reference*, E.J.
5. *Betula Derwentensis*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *Reference*, E.J.
6. *Betula Launcestonensis*. *R. M. Johnston*. (P.) *Locality*, Tas., Launceston. *Reference*, Proc. Roy. Soc. Tas., p. 1873, fig. 1.
7. *Alnus Muelleri*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
8. *Quercus Tasmanicus*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
9. *Quercus Bischoffensis*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 324, fig. 2-3, 1885.
10. *Fagus Risdoniana*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
11. *Salix Cormickii*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.



12. *Cinnamomum polymorphoides*. *M'Coy*. (P.) *Locality*, Tas., Stevenson's Bend, Launceston, Vic. *References*, *M'Coy*, Geol. Survey Vic., Dec. 4, p. 40. Johnston, Proc. Roy. Soc. Tas., fig. 2, 1874.
13. *Cinnamomum Woodwardii*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
14. *Cinnamomum Hobartianum*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
15. *Laurus Sprentii*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *References*, Johnston, Proc. Roy. Soc. Tas., p. 324, fig. ii-1, 1885.
16. *Dryandroides Johnstonii*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
17. *Apocynophyllum microphyllum*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
18. *Apocynophyllum travertinum*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
19. *Echitonium obscurum*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
20. *Cordia Tasmanica*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
21. *Premna Drummondii*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
22. *Sapotacites oligoneuris*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
23. *Sapotacites achrasoides*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
24. *Ceratopetalum Woodii*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
25. *Ceratopetalum præ-arbutoides*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
26. *Sapindus Tasmanicus*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
27. *Eucalyptus Kayseri*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 323, fig. i-1, 1885.
28. *Eucalyptus Milligani*. *R. M. Johnston*. (P.) *Locality*, Tas., Macquarie Harbour (?) *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 336, fig. ii-4, 1885.
29. *Cassia Flindersi*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
30. *Ulmus Tasmanicus*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 325, fig. i-4, 1885.
31. *Coprosma præ-cuspidifolia*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.
33. *Taxites Thureaui*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 336, 1885.
34. *Cycadites microphylla*. *R. M. Johnston*. (P.) *Locality*, Tas., Waratah. *Reference*, Johnston, Proc. Roy. Soc. Tas., p. 2, fig. 8, 1885.
35. *Phyllites populiformis*. *Ettingshausen*. (P.) *Locality*, Tas., Derwent. *References*, E.J.



36. *Phyllites ficiformis*. *Ettingshausen*. (P.) *Locality*, Tas.  
Derwent. *References*, E.J.
37. *Phyllites juglandiformis*. *Ettingshausen*. (P.) *Locality*  
Tas., Derwent. *References*, E.J.
38. *Phyllites ligustroides*. *Ettingshausen*. (P.) *Locality*, Tas  
Derwent. *References*, E.J.
39. *Phyllites pyriformis*. *Ettingshausen*. (P.) *Locality*, Tas.,  
Derwent. *References*, E.J.
40. *Phyllites phaseolites*. *Ettingshausen*. (P.) *Locality*, Tas.,  
Derwent. *References*, E.J.
41. *Phyllites sophoræformis*. *Ettingshausen*. (P.) *Locality*,  
Tas., Derwent. *References*, E.J.
42. *Phyllites mimosæformis*. *Ettingshausen*. (P.) *Locality*,  
Tas., Derwent. *References*, E.J.

## LEAVES DESCRIBED BY FIGURES ONLY.

43. *Betula Launcestonensis*. *R. M. Johnston*. Fig. 1. Johnston  
Launceston Tertiary Basin.  
Proc. Roy. Soc. Tas., 1873.
44. *Phyllites* sp. Fig. 2. "
45. " sp. Fig. 3. "
46. " sp. Fig. 4. "
47. " sp. Fig. 6. "
48. " sp. Fig. 7. "
49. " sp. Fig. 8. "
50. " sp. Fig. 9. "
51. " sp. (*Betula*). Fig. 12. "
52. " sp. Fig. 15. "
53. " sp. Fig. 16. "
54. " sp. Fig. 17. "
55. " sp. Fig. 18. "
56. " sp. (*Betula*). Fig. 19. "
57. " sp. Fig. 21. "
58. " sp. Fig. 22. "
59. " sp. Fig. 23. "
60. " sp. Fig. 28. "
61. " sp. Fig. 7. 1874
62. " sp. Fig. 8. "
63. " sp. Fig. 9. "
64. " sp. Fig. 14. "
65. " sp. Fig. 3. Est'y. of Derwent, 1881  
Proc. Roy. Soc. Tas., 1881.  
Johnston.
66. " sp. Fig. 7. "
67. " sp. Fig. 9. "
68. " sp. Fig. 17. "
69. " sp. Fig. 18. "
70. " sp. Fig. 19. "
71. " sp. Fig. 21. "
72. " sp. Fig. 24. "
73. " sp. Fig. 32. "
74. " sp. Fig. 33. "
75. " sp. Pt. I., fig. 5. Waratah, 1885



Proc. Roy. Soc., Tas., 1885.  
Johnston.

76.	„	sp.	Pl. I., fig.	6.	„
77.	„	sp.	Pl. I., fig.	7	„
78.	„	sp.	Pl. II., fig.	2.	„
79.	„	sp.	Pl. II., fig.	3.	„
80.	„	sp.	Fig.	1.	} Leaf forms found embedded in the Turritella sandstone beds at Table Cape, associated with the characteristic marine shells, <i>T. Warburtonii</i> (Woods.) <i>Panopæa Agnewi</i> , etc. Proc. Roy. Soc. Tas., 1886 (Johnston.)
81.	„	sp.	Fig.	2.	
82.	„	sp.	Fig.	3.	
83.	„	sp.	Fig.	4.	
84.	„	sp.	Fig.	5.	
85.	„	sp.	Fig.	6.	
86.	„	sp.	Fig.	8.	
87.	„	sp.	Fig.	10.	
88.	„	sp.	Fig.	11.	
89.	„	sp.	Fig.	12.	
90.	„	sp.	Fig.	13.	

## FRUITS DESCRIBED BY WRITING AND FIGURES.

91. *Conchotheca turgida*. *F. V. Mueller*. (P.) *Locality*, Tas., Beaconsfield, Geilston; Vic., Nittingbool, River Tangil; Qu., Darling Downs. *References*, Mueller, New Veg. Foss, 1874, p. 24 t. 10, figs. 5-12.
92. *Penteune Allporti* (M.S.). *F. V. Mueller*. (P.) *Locality*, Tas., Geilston, Beaconsfield; Vic., Nittingbool. *References*, Johnston, Proc. Roy. Soc. Tas., 1879, p. 85.
93. *Platycoila Sullivani*. *F. V. Mueller*. (P.) *Locality*, Tas., Geilston, Breadalbane, Beaconsfield; Vic., Nittingbool. *References*, Mueller, New Veg. Foss., 1874, p. 23 t. 9, figs. 5-9.
94. *Plesiocapparis leptoclyphus*. *F. V. Mueller*. (P.) *Locality*, Tas., Geilston, Beaconsfield; N.S.W., Gulgong. *References*, Mueller, New Veg. Foss., 1883, p. 17, figs. 1-2. Johnston, Proc. Roy. Soc. Tas., p. 27, 18—, 1.
95. *Rhytidotheca plioclinis*. *F. V. Mueller*. (P.) *Locality*, Tas., Breadalbane; Vic., Nittingbool. *References*, F. V. Mueller, New Veg. Foss., 1883, pl. 17, figs. 1-2.
96. *Cordia Tasmanica*. *Ettingshausen*. (P.) *Locality*, Tas., Muddy Creek, Derwent. *References*, Ettings. Tertiärfloora Austral, 1883, p. 34, pl. 5, figs. 3-5. Johnston, Proc. Roy. Soc. Tas., 1881, figs. 42-43; Ibid, Proc. Roy. Soc. Tas., 1873, fig. 14.
97. *Elæocarpus Bassi*. *Ettingshausen*. *Locality*, Tas., Beaconsfield. *References*, Ettings. Tertiärfloora Austral, 1883, p. 39, pl. 6, figs. 9-11. Johnston, Proc. Roy. Soc. Tas., 1881, fig. 57.
98. *Carpolithes gaertnerioides*. *Ettingshausen*. *Locality*, Tas., Derwent. *References*, Ettings. Tertiärfloora Austral, 1883, p. 45, pl. 6, fig. 13. Johnston, Proc. Roy. Soc. Tas., 1881, fig. 34, A.B.
99. *Carpolithes Risdonianus*. *Ettingshausen*. *Locality*, Tas., Geilston. *References*, Ettings. Tertiärfloora Austral, 1883 p. 46, pl. 6, fig. 14.



100. *Spondylostrobos Smythii*. *F. V. Mueller*. *Locality*, Tas., Beaconsfield, Breadalbane, Launceston; Vic., Tangil R., Beechworth; N.S.W., Orange. *References*, Mueller, New Veg. Foss., 1874, pp. 8-9, pl. 1, fig. 1-8; Ibid, 1883, p. 13-14, fig. 5A-5B. Johnston, Proc. Roy. Soc. Tas., 1881, p. 27.
101. *Araucaria Johnstonii*. *F. V. Mueller*. *Locality*, Tas., Geilston. *References*, Mueller's New Veg. Foss., 1883, pp. 16-19, pl. 18, figs. 1-4. Johnston, Proc. Roy. Soc. Tas., 1881, figs. 37-37A-376.

## FRUITS FIGURED, BUT NOT DESCRIBED.

102. *Carpolithes* sp. Fig. 7. Johnston, Proc. Roy. Soc. Tas., August, 1874. Launceston Tertiary Basin.
103. *Carpolithes* sp. Fig. 11. " " "
104. " sp. Fig. 13. " " "
105. " sp. Fig. 15. " " "
106. " sp. Figs. 38-39. " 1881 " "
107. " sp. Figs. 51-53. " Geilston
108. " sp. Figs. 54-55. " " "
109. " sp. Fig. 58. " Breadalbane
110. " sp. Fig. 61. " Beaconsfield
111. " sp. Fig. 62. " " "

## FIGURES OF SECTIONS OF FOSSIL WOOD.

112. Sections of Fossil Pine. Figs. 16-18. Johnston, Proc. Roy. Soc. Tas., August, 1874. Launceston.
113. " (Banksia.) Figs. 10-13. " Corra Lynn
114. " (Exog. Wood.) Figs. 19-20. " "
115. " " Figs. 14-15. " Breadalbane lignite

## ANIMALIA

*Rhizopoda.*

1. *Biloculina* sp. (P). *Locality*, Table Cape, Tas.
2. *Triloculina* sp. " " "
3. *Quinqueloculina* sp. " " "
4. *Discorbina Bertheloti* d'Orb. (P). R.E. 127. Mt. Gambier, S.A.
5. *Nunmulina* sp. " Table Cape, Tas.
6. *Marginulina* sp. " " "
7. *Orbulina* sp. " " "
8. *Dentalina* sp. " " "
9. *Alveolina* sp. " " "
10. *Polymorphina* sp. " " "
11. *Cassidulina* sp. " " "
12. *Nonionina* sp. " " "
13. *Textularia agglutinans* d'Orb. R.E. 132 " Mt. Gambier, S.A.
14. " *pygmæa* " R.E. 132 " "

*Actinozoa.*

15. *Antillia lens*. *Duncan*. (P.) Table Cape, Tas.; Hamilton, Vic. R.E. 133.
16. *Balanophyllia Australiens*. *Duncan*. (P.) Table Cape, Tas.; Muddy Creek, Vic. R.E. 134.



17. *Conotrochus Maccoyi*. *Duncan*. (P.) Table Cape, Tas.;  
Cape Otway, Vic. R.E. 135.
18. *Dendrophyllia Duncani*. *Ten. Woods*. (P.) Table Cape,  
Tas. R.E. 135.
19. " *epithecata*. *Duncan*. (P.) " R.E. 135
20. *Flabellum Duncani*. *Ten. Woods*. (P.) " R.E. 136
21. " *Gambierense*. *Duncan*. (P.) " "  
Mt. Gambier, S.A.; Cape Otway, Vic. R.E. 136.
22. *Flabellum Victoriae*. *Duncan*. (P.) Table Cape, Tas.;  
Muddy Creek, Hobson's Bay, Schnapper Point, Vic. R.E.  
136.
23. *Palæoseris Woodsi*. *Duncan*. (P.) Table Cape, Tas.;  
Muddy Creek, Vic. R.E. 136.
24. *Heliastrea Tasmaniensis*. *Duncan*. (P.) Table Cape, Tas.  
R.E. 136.
25. *Placotrochus deltoideus*. *Duncan*. (P.) Table Cape, Tas.;  
Muddy Creek, Schnapper Point, Gellibrand River, Vic.  
R.E. 136.
26. *Placotrochus elongatus*. *Duncan*. (P.) Table Cape, Tas.;  
Muddy Creek, Aire River, Schnapper Point, Cape Otway,  
Vic. R.E. 136.
27. *Sphænotrochus excisus*. *Duncan*. (P.) Table Cape, Tas.;  
Hamilton, Schnapper Point, Vic. R.E. 137.
28. *Thamnastraea sera*. *Duncan*. (P.) Table Cape, Tas. R.E.  
137.
29. *Thamnastraea Tasmaniensis*. *Woods*. (P.) Table Cape,  
Tas. R.A. 137.
30. *Deltocyathus viola*. *Woods-Duncan*. (P.) Table Cape,  
Tas.; Hamilton, Vic. *T. Woods*.

*Echinodermata.*

31. *Lovenia Forbesi* var. *Woodsii*. *Etheridge, Jun.* (P.) Table  
Cape, Tas.; Murray Cliffs, Mount Gambier, S.A.; Hamilton,  
Mordialloc, Vic. R.E. 141.
32. *Micraster brevistella*. *Laube*. (P.) Table Cape, Tas.;  
Murray Cliffs, S.A. R.E. 142.
33. *Micraster Etheridgei*. *R. M. Johnston*. (P.) Table Cape,  
Tas. R.E. 142, R.J. 64.
34. *Cidaris* (?) sp. (P.) Table Cape, Tas.

*Polyzoa.*

35. *Cellepora Gambierensis*. *Busk*. (P.) Table Cape, Tas.; Mt.  
Gambier, Murray Cliffs, S.A.; Spring Ck., Vic. R.E. 145,  
R.J., 90F.
36. *Cellepora hemisphaerica*. *Busk*. (P.) Table Cape, Tas.;  
Mt. Gambier, S.A. R.E. 145, R.J. 90F.
37. *Cellepora nummularia*. *Busk*. (P.) Table Cape, Tas.; Mt.  
Gambier, S.A.; Muddy Ck., Vic. R.E. 145, R.J. 90F.
38. *Cellepora spongiosa*. *Busk*. (P.) Table Cape, Tas.; Mt.  
Gambier, S.A. R.E. 146, R.J. 90F.
39. *Lepralia* sp. (P.) Table Cape, Cape Green, Tas.
40. *Pustulipora ramosa*. *Ten. Woods*. (P.) Table Cape, Tas  
R.J. 90F.
41. *Retepora* sp. (P.) Table Cape, Tas. R.J. 90F.



42. *Salicornaria sinuosa*. *Hassal*. (P.) Table Cape, Tas.; Mt. Gambier, Murray Cliffs, S.A.; Muddy Ck., Vic. R.E. 150.  
42a. *Buskia typica*. *T. Woods*. (P.) Table Cape.

*Crustacea.*

43. *Cypris Alburyana*. *R. M. Johnston*. (P.) Geilston, Tas. Johnston, Proc. Roy. Soc. Tas., 1884, p. 224.  
44. *Balanus amphitrite*. *Darwin*. (P.) Table Cape, Tas.

*Brachiopoda.*

45. *Terebratula vitreoides*. *Ten. Woods*. (P.) Table Cape, Tas.; Middle Murravian, S.A. R.E. 152, R.T. 8-5.  
46. *Waldheimia Garribaldiana*. *Davidson*. (P.) Table Cape, Tas.; Murray Cliffs, S.A.; Geelong, Vic. R.E. 152, R.J. 6-90A, R.T. 11-1.  
47. *Waldheimia furcata*. *Tate*. (P.) Table Cape, Tas.; Aldinga, S.A. R.T. 7-2, R.Jc. 223.  
48. *Waldheimia Johnstoniana*. *Tate*. (P.) Table Cape, Tas.; Aldinga, S.A. R.T. 8-9, R.J. c. 223.  
49. *Waldheimia grandis*. *T. Woods*. (P.) Table Cape, Cape Green, Tas.; Murray Cliffs, Mt. Gambier, S.A. R.T. 11-3, R.J. c. 223, R.E. 152.  
50. *Waldheimia Taylori*. *Etheridge*. (P.) Table Cape, Tas.; Murray Cliffs, S.A. R.E. 152, R.T. 11-2, R.J. c. 223.  
51. *Waldheimia Corioensis*. *M'Coy*. (P.) Table Cape, Tas.; Muddy Ck., Corio Bay, Jan Juc, Vic. R.E. 152, R.T. 9-4-7, R.J. c. 223.  
52. *Waldheimia pectoralis*. *Tate*. (P.) Table Cape, Tas.; Aldinga, S.A. R.T. 7-1, R.J. c. 223.  
53. *Terebratulina Scouleri*. *Tate*. (P.) Table Cape, Tas.; Aldinga, Yorke's Peninsula, S.A.; Muddy Ck., Morgan, Vic. R.T. 8-3, R.J. c. 223.  
54. *Terebratulina lenticularis*. *Tate*. (P.) Table Cape, Tas.; Aldinga, Yorke's Peninsula, S.A. R.T. 7-4, R.J. c. 223.  
55. *Terebratulina triangularis*. *Tate*. (P.) Table Cape, Tas.; Aldinga, Bunda Cliffs, S.A. R.T. 8-7, R.J. c. 223.  
56. *Terebratella Tepperi*. *Tate*. (P.) Table Cape, Tas.; Ardrossan, S.A. R.T. 9-8, R.J. c. 223.  
57. *Terebratella Woodsii*. *Tate*. (P.) Table Cape, Tas. R.T. 9-10, R.J. c. 223.  
58. *Rhynchonella squamosa*. *Hutton*. (P.) (*R. lucida*, M'Coy.) Table Cape, Tas.; Aldinga, Muloowurtie, Stansbury, Salem, S.A.; Muddy Ck., Vic.; Oamaru Formation (Eocene), Broken River, New Zealand. R.E. 151, R.T. 9-9, R.J. b. 90 d.

*Pelecypoda (Lamellibranchiata).*

59. *Anodonta Tasmanica*, *Etheridge, Jr.* (P.) Tamar, Launceston, Tas. Etheridge, Proc. Roy. Soc. Tas., 1880, p. 23, figs. 3-4.  
60. *Arca pseudonavicularis*. *Tate*. (P.) Table Cape, Tas.; Adelaide, S.A. T. 9-8.  
61. *Barbatia celleporacea*. *Tate*. (P.) Table Cape, Tas.; Muddy Ck., Schnapper Pt., Vic. T. 10-10.



62. *Chamostrea crassa*. *Tate*. (P.) Table Cape, Tas. Proc. Roy. Soc. Tas., 1884, p. 228.\*
63. *Cytherea eburnea*. *Tate*. (P.) Table Cape, Tas. (Tate.)
64. *Cytherea* sp. ind. (P.) Table Cape, Tas. (Tate.)
65. *Cardium septuagenarium*. *Tate*. (P.) Table Cape, Tas.; Bird Rock, Vic. R.E. 153, M'Coy V., t. 44, fig. 1.
66. *Cardita gracillicosta*. *Ten. Woods*. (P.) Table Cape, Tas.
67. " T.W., 60, R.Jc., 90c.; R.E. 153.
68. " *Tasmanica*. *Tate*. (P.) Table Cape, Tas. T. 12-13<sup>4</sup>
69. " *trigonalis*. *Tate* (P.) Table Cape, Tas.; Aldinga, S.A. T. 2-1.
70. *Chama lamellifera*. *Ten. Woods*. (P.) Table Tas. R.E. 153, T.W. 61, R.Jb. 90.
71. *Chione cainozoica*. *Ten. Woods*. (P.) Table Cape, Tas. R.E. 153, T.W. 61, R.Jb. 90.
72. *Chione propinqua*. *Ten. Woods*. (P.) Table Cape, Tas. R.E. 153, T.W. 61, R.Jb. 90.
73. *Chione Allporti*. *Ten. Woods*. (P.) Table Cape, Tas. R.E. 158, T.W. 1876, p. 26, R.Jb. 90.
74. *Chione* sp. ind. (P.) Table Cape, Tas.
75. *Chione hormophora*. *Tate*. (P.) Table Cape, Tas. Proc. Roy. Soc. Tas., 1884, p. 230.
76. *Chione dimorphophylla*. *Tate*. (P.) Table Cape, Tas. Proc. Roy. Soc. Tas., 1884, p. 230.
77. *Corbula ephamilla*. *Tate*. (P.) (*C. sulcata*, Woods.) Table Cape, Tas.; Schnapper Point, Vic.
78. *Crassatella aphrodina*. *Ten. Woods*. (P.) Table Cape, Tas. R.E. 154, T.W. 1876, p. 17-24, R.J. 190, T. p. 54.
79. *Crassatella oblonga*. *Ten. Woods*. (P.) Table Cape, Tas.; R.E. 154, T.W. 1876, p. 17-24, R.J. 190, T.P. 53.
80. *Crassatella astartiformis*. *Tate*. (M.S.) (P.) Table Cape, Tas. (Tate.)
81. *Cucullea Corioensis*. *M'Coy*. (P.) Table Cape, Tas.; Corio Bay, Mordialloc, Mount Martha, Vic.
82. *Dosinia Johnstoni*. *Tate*. (P.) (M.S.) Table Cape, Tas. (Tate.)
83. *Diplodonta subquadrata*. *Tate*. (P.) Table Cape, Flinders Isd., Tas. (Tate.)
84. *Gouldia lamellata*. *Tate*. (P.) Table Cape, Tas. ? Aldinga, Adelaide, S.A. T. 2-17.
85. *Humphreyia* sp. ind. (P.) Table Cape, Tas.
86. *Lima Bassii*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 60, R.J. 6-90, T. 5-8.
87. *Lima squamosa*. *Ten. Woods*. (M.S.) (P.) Table Cape, Tas. ? T.W. 60, R.J. 6-90, T. 5-8.
88. *Lima Jeffreysiana*. *Tate*. (P.) (*L. subauriculata*, Woods.) Table Cape. Tate, Proc. Roy. Soc. Tas., 1884, p. 213. T. 4-8, R.E. 155, T.W. 61, R.J. 6-90.
89. *Limea transenna*. *Tate*. (P.) (*Cucullea minuta*, Johnston?) Table Cape, Tas.; Mt. Gambier, S.A.; Muddy Ck., Vic. R.Ja., T. 9-6.
90. *Limopsis aurita*. *Brocchi*. (P.) Table Cape, Tas.; Geelong, Vic. M'Coy II., t. 19-5-7, R.J. 6-90.

\* Since referred to *C. Albida*.



91. *Limopsis Belcheri*. *Adams and Reeve*. (P.) Table Cape, Tas.; Geelong, Muddy Ck., Vic. M'Coy II., t. 19, 8-9.
92. *Nucula Atkinsoni*. *R. M. Johnston*. (P.) Table Cape, Tas.; Morgan, S.A.; Geelong, Vic. R. Ja. —. T. 4-3.
93. *Nucula tumida*. *Ten. Woods*. (P.) Table Cape, Tas.; Muddy Ck., Geelong; Schnapper Pt., Vic.; Morgan, S.A.
94. *Nucula fenestralis*. *Tate*. (P.) Table Cape, Tas. T. 4-4.
95. *Leda Huttoni*. *Ten. Woods*. (P.) Table Cape, Tas.; Muddy Ck., Vic.; Adelaide, Aldinga, S.A. Woods, Proc. Linn. Soc. N.S.W., viii., p. 239, 1878. T. 6-4.
96. *Leda praelonga*. *Tate*. (P.) Table Cape, Tas.; Muddy Creek, Vic. T. 12-4.
97. *Leda crebrecostrata*. *Ten. Woods*. (P.) Table Cape, Tas. (Nuculana.) T.W. 60, R.Jb. 90, T. 5-5.
98. *Lucina planatella*. *Tate*. (P.) Table Cape, Tas. Proc. Roy. Soc. Tas., 1884, p. 229.
99. *Myodora æquilateralis*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
100. *Myodora Australis*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
101. *Mytilocardia platycostata*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
102. *Panopæa Agnewi*. *Ten. Woods*. (P.) (Lyonsia.) Table Cape, Tas. R.E. 155, T.W. Proc. Roy. Soc. Tas., 1875, p. 25. R.J. 6-90.
103. *Placunanomia sella*. *Tate*. (P.) Table Cape, Tas.; Blanchetown, Nine-mile Camp, S.A. T. 4-1.
104. *Pecten Foulcheri*. *Ten. Woods*. (P.) Table Cape, Tas.; Mt. Gambier, Murray Cliffs, S.A.; Muddy Ck., Vic. T. 3-14.
105. *Pecten polymorphoides*. *Zittel*. (P.) Table Cape, Tas.? Morgan, Blanchetown, Manum, S.A.; Muddy Ck., Vic.; Oamaru series, New Zealand. T. 8-2.
106. *Pecten lucens*. *Tate*. (P.) Table Cape, Tas.; Aldinga, Murray Cliffs, S.A. T. p. 22.
107. *Pecten Zitteli*. *Hutton*. (P.) (*Amusium Atkinsoni*, Johnston.) Table Cape, Tas.; Adelaide, Aldinga, S.A.; Muddy Ck., Vic. T. 7-3, R.Ja.
108. *Pectunculus cainozoicus*. *Ten. Woods*. (P.) Table Cape, Tas.; Adelaide, S.A.; Muddy Ck., Vic. T.W. (Cucullea) iii., R.J. 6-90, T. 10-8.
109. *Pectunculus M'Coyii*. *R. M. Johnston*. (P.) Table Cape, Tas.; Cape Schanck, Muddy Ck., Schnapper Point, Vic. Johnston, Proc. Roy. Soc. Tas., 1884, p. 199, T. p. 44.
110. *Psammobia æqualis*. *Tate*. (P.) Table Cape, Tas. (Tate.)
111. „ *Hamiltonensis*. *Ten. Woods*. (P.) Table Cape, Tas. (Tate.)
112. *Solecurtus Legrandi*. *Ten. Woods*. (P.) Table Cape, Tas. Woods, Proc. Roy. Soc. Tas., 1875, p. 17-25, fig. 14. R.J. 6-90, R.E. 157.
113. *Spondylus gæderopoides*. *M'Coy*. (P.) Table Cape, Tas.; Bird Rock, Schnapper Pt., Baggy Creek, Vic. R.E. 157, M'Coy V., t. 45, figs. 1 and 3.
114. *Tellina cainozoica*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 61, R.J. 6-90, R.E. 157.



115. *Trigonia semiundulata*. *M'Coy*. (P.) Table Cape, Tas.; Bird Rock, Moorabool, Vic. R.E. 157.
116. *Unio Johnstoni*. *Etheridge, Jun.* (P.) Tamar, Launceston, Tas. *Etheridge*, Proc. Roy. Soc. Tas., 1880, p. 23, figs. 1-2.
117. *Vola laticostata*. *J. E. Gray*. (P.) Table Cape, Tas. (?) R.E. 159.
118. *Zonatiopsis angustata*. *Tate*. (P.) Table Cape, Tas.
- Gasteropoda.*
119. *Helix Geilstonensis*. *R. M. Johnston*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1879, p. 89.
120. *Helix Huxleyana*. *R. M. Johnston*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1879, p. 89.
121. *Helix Sinclairoides*. *R. M. Johnston*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1879, p. 89. (*H. Sinclairi*.)
122. *Helix Simsoniana*. *R. M. Johnston*. (P.) Kent Island. Proc. Roy. Soc. Tas., p. 24, figs. a. b. c., 1880.
123. *Helix Tasmaniensis*. *G. B. Sowerby*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1879, p. 88; *Strzelecki*, N.S.W. V.D.L. 1845, p. 298, t. 19, f. 6.
124. *Vitrina Barnardii*. *R. M. Johnston*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1884, p. 219.
- 124a. *Bulimus Gunnii*. *Sowerby*. (P.) Geilston, Tas. Proc. Roy. Soc. Tas., 1884, p. 219.
125. *Terebra simplex*. *Ten. Woods*. (P.) Table Cape, Tas.; Muddy Ck., Vic. *Woods*, Proc. Roy. Soc. Tas., 1875, p. 21, fig. 1.
126. *Terebra additoides*. *Ten. Woods*. (P.) Table Cape, Tas.; Morgan, S.A. T.W. 95.
127. *Pleurotoma Johnstonii*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 53, R.J. 6-90.
128. *Pleurotoma paracantha*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 53, R.J. 6-90.
129. *Pleurotoma pullulascens*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 52, R.J. 6-90.
130. *Pleurotoma sandleroides*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 52 (*Mangelia*), R.J. 6-90.
131. *Daphnella columbelloides*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 53, R.J. 6-90.
132. *Daphnella gracillima*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 54, R.J. 6-90.
133. *Daphnella tenuisculpta*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 54, R.J. 6-90.
134. *Mangelia gracililirata*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 54, R.J. 6-90.
135. *Cancellaria Etheridgei*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
136. *Murex Eyeri*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 41, R.J. 6-90.
137. *Murex Legrandi*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
138. *Murex minutus*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
139. *Typhis M'Coyi*. *Ten. Woods*. (P.) Table Cape, Tas.; Muddy Ck., Vic. R.E. 170, T.W. 1875, p. 22, R.J. 6-90.



140. *Fusus gracillimus*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 1875, p. 22, R.J. 6-90, R.E. 164.
141. *Fusus Johnstonii*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 42, R.J. 6-90, R.E. 164.
142. *Fusus Meredithii*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 1875, fig. 6, R.J. 6-90, R.E. 164.
143. *Fusus pagodoides*. *M'Coy.* (P.) Table Cape, Tas.;  
Schnapper Pt., Vic. R.E. 164.
144. *Fusus Tateana*. *Ten. Woods.* (P.) Table Cape, Tas. T.W.  
42, R.J. 6-90, R.E. 164.
145. *Fusus vitreoides*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
146. *Fusus transenna*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 42, R.J. 6-90, R.E. 164.
147. *Fusus Roblini*. *Ten. Woods.* (P.) Table Cape, Tas. T.W.  
1875, p. 22, fig. 1, R.E. 164.
148. *Cominella cancellata*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 55, R.J. 6-90, R.E. 160.
149. *Cominella lyræcostata*. *Ten. Woods.* (P.) Table Cape,  
Tas. T.W. 56, R.J. 6-90, R.E. 160.
150. *Ricinula purpuroides*. *R. M. Johnston.* (P.) Table Cape,  
Tas. R.Ja.
151. *Ricinula lactea*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
152. *Buccinum fragile*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 55, R.J. 6-90, R.E. 159.
153. *Thala marginata*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 56, R.J. 6-90, R.E. 167.
154. *Mitra anticoronata*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
155. *Columbella Oxleyi*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 58, R.J. 6-90, R.E. 160.
156. *Columbella cainozoica*. *Ten. Woods.* (P.) Table Cape, Tas.  
T.W. 59, R.J. 6-90, R.E. 160.
157. *Voluta Agnewi*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
158. *Voluta Allporti*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
159. *Voluta M'Coyi*. *Ten. Woods.* (P.) Table Cape, Tas. T.W.  
43, R.J. 6-90, R.E. 170.
160. *Voluta lirata*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
161. *Voluta pellita*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
162. *Voluta Stephensi*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
163. *Voluta stolidia*. *R. M. Johnston.* (P.) Table Cape, Tas.  
R.Ja.
164. *Voluta Tateana*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
165. „ *anticingulata*. *M'Coy.* (P.) Table Cape, Tas.;  
Bird Rock, Schnapper Pt., Vic. M'Coy i., t. 6. —, f. 24,  
R.E. 170, R.J. 6-90.
166. *Voluta antiscalaris*. *M'Coy.* (P.) Table Cape, Tas.; Mt.  
Martha, Fyan's Ford, Vic. M'Coy i., p. 26, R.E. 170.



167. *Voluta Hannafordi*. *M'Coy*. (P.) Table Cape, Tas.; Mt. Martha, Fyan's Ford, Muddy Ck, Port Fairy, Vic. *M'Coy* iv., p. 23, R.J. 6-90, R.E. 170.
168. *Voluta strophodon*. *M'Coy*. (P.) Table Cape, Tas.; Schnapper Pt., Vic. *M'Coy* iv., p. 25, R.J. 6-90, R.E. 170.
169. *Voluta macroptera*. *M'Coy*. (P.) Table Cape, Tas.; Bird Rock, Vic. *M'Coy* i., p. 29, R.J. 6-90, R.E. 170.
170. *Voluta Weldii*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 1875, p. 24, R.J. 6-90, R.E. 170.
171. *Marginella Wentworthii*. *Ten. Woods*. (P.) Table Cape, Tas.; Aldinga, S.A.; Muddy Ck., Vic. T.W. 57, R.J. 6-90, R.E. 165. (Tate.)
172. *Marginella strombiformis*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 57, R.J. 6-90, R.E. 165.
173. *Erato octoplicata*. *Ten. Woods*. (P.) (*Marginella*.) Table Cape, Tas. T.W. 57, R.J. 6-90, R.E. 165. (Tate.)
174. *Tritonium Abboti*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 1875, p. 24, R.J. 6-90, R.E. 168.
175. *Tritonium minimum*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 55, R.J. 6-90, R.E. 168.
176. *Tritonium Tasmanicus*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
177. *Cassis sufflatus*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 41, R.J. 6-90, R.E. 160.
178. *Cassidaria reticulospira*. *Ten. Woods*. (P.) Table Cape, Tas.; Schnapper Pt., Vic. T.W. 1875, p. 17, R.J. 6-90, R.E. 160.
179. *Turbonilla liræcostata*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 49, R.J. 6-90, R.E. 169.
180. *Turbonilla pagoda*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 49, R.J. 6-90, R.E. 169.
181. *Odostomia liræcostata*. *R. M. Johnston*. (P.) Table Cape, Tas. R.J., Proc. Roy. Soc. Tas., 1884, p. 223.
182. *Leiostraca Johnstoniana*. *Tate*. (P.) (*Eulimella subulata*, Woods.) Table Cape, Tas. Tate. Proc. Roy. Soc. Tas., 1884, p. 210, p. 227.
183. *Cerithiopsis Johnstoni*. *Ten. Woods*. (MS.) (P.) Table Cape, Tas. R.J. 6-90.
184. *Rissoa Stevensiana*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 48, R.J. 6-90, R.E. 167.
185. *Rissoa dubia*. *R. M. Johnston*. (P.) Table Cape, Tas. R.Ja.
186. *Rissoina Johnstoni*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 49, R.J. 6-90, R.E. 167.
187. *Rissoina Tateana*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 62, R.J. 6-90, R.E. 167.
188. *Rissoina varicifera*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 49, R.J. 6-90, R.E. 167.
189. *Torcula Murrayana*. *Tate*. (P.) Table Cape, Tas.; Muddy Ck., Corio Bay, Schnapper Pt., Vic.; Murray Cliffs, S.A. Tate. Proc. Roy. Soc. Tas., 1884, p. 227.
190. *Turritella Sturtii*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 47, R.J. 6-90, R.E. 169.
191. *Turritella Tasmanica*. *Ten. Woods*. (P.) Table Cape, Tas. T.W. 47, R.J. 6-90, R.E. 169.



192. *Turritella Warbutonii*. *Ten. Woods.* (P.) Table Cape, Tas.; Murray Cliffs, Mt. Gambier, S.A. T.W. 36, R.J. 6-90, R.E. 169.
193. *Turritella* sp. ind. (P.) Flinders Island. Johnston, Proc. Roy. Soc. Tas., 1876, p. 36.
194. *Turritella tristira*. *Tate.* (P.) Table Cape, Tas. Tate, Proc. Roy. Soc. Tas., 1884, p. 227.
195. *Tenagodus oclusus*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 48, R.J. 6-90, R.E. 167.
196. *Vermetus conohelix*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 48, R.J. 6-90, R.E. 170.
197. *Potamides pyramidale*. *Tate.* (P.) Table Cape, Tas. Tate, Proc. Roy. Soc. Tas., 1884, p. 226.
198. *Potamides semicostatum*. *Tate.* (P.) Table Cape, Tas. Tate, Proc. Roy. Soc. Tas., 1884, p. 226.
199. *Trochita calyptraeformis*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 34, R.J. 6-90, R.E. 169.
200. *Crepidula Hainsworthii*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja., Proc. Roy. Soc. Tas., 1884, p. 232, figs. —
201. *Crepidula umbilicata*. *R. M. Johnston.* (P.) Table Cape, Tas. R.J., Proc. Roy. Soc. Tas., 1884, p. 233, figs. a. b. c.
202. *Turbo Wynyardensis*. *R. M. Johnston.* (M.S.) (P.) Table Cape, Tas.
203. *Turbo Etheridgei*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 46, R.J. 6-90, R.E. 169.
204. *Calcar ornatissimum*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 44, R.J. 6-90, R.E. 160.
205. *Calcar Flindersi*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 43, R.J. 6-90, R.E. 160.
206. *Euchelus Woodsii*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
207. *Thalotia alternata*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 45, R.J. 6-90, R.E. 168.
208. *Zizyphinus atomus*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
209. *Zizyphinus Tasmanicus*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
210. *Zizyphinus Bloxlandii*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 44, R.J. 6-90, R.E. 171.
211. *Trochus Josephi*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 45, R.J. 6-90, R.E. 169.
212. *Torinia gibbuloides*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 45, R.J. 6-90, R.E. 168.
213. *Gibbula æquisulcata*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 46, R.J. 6-90, R.E. 164.
214. *Gibbula Clarkei*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 62, R.J. 6-90, R.E. 164.
215. *Gibbula crassigranosa*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 46, R.J. 6-90, R.E. 164.
216. *Margarita Keckwickii*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 45, R.J. 6-90, R.E. 165.
217. *Liotia lamellosa*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 44, R.J. 6-90, R.E. 165.
218. *Liotia Roblini*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.



219. *Delphinula* (?) *tetragonostoma*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 44, R.J. 6-90, R.E. 162.
220. *Adeorbis lævis*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
221. *Trivia avellanoides*. *M'Coy.* (P.) Table Cape, Tas.; Schnapper Pt., Muddy Ck., Vic. M'Coy iii., p. 36. R.J. 6-90, R.E. 16.
222. *Cypræa Archeri*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 1875, p. 23, R.J. 6-90, R.E. 161.
223. *Cypræa eximia*. *G. B. Sowerby.* (P.) Table Cape (?), Franklin Village, Tas.; Schnapper Pt., Vic. Strzelecki's Phys. Descr. N.S.W., V.D.L., 1845, p. 296, t. 19 f 1-3, R.J. 6-90, R.E. 161.
224. *Cypræa platypyga*. *M'Coy.* (P.) Table Cape, Tas.; Schnapper Pt., Vic. M'Coy iii., p. 39, R.J. 6-90, R.E. 162.
225. *Cypræa platyrhyncha*. *M'Coy.* (P.) Table Cape, Tas.; Bird Rock, Vic. M'Coy iii., p. 40. R.J. 6-90, R.E. 162.
226. *Scalaria* sp. ind. (P.) Table Cape, Tas.
227. *Crossea labiata*. *Ten. Woods.* (P.) Table Cape, Tas.; S.A. ? (Tate.) It is doubtful whether this form is identical with the living form in Tas.
228. *Natica ovata*. *Hutton.* (P.) Table Cape, Tas. T.W. 1875, p. 17.
229. *Natica polita*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 1875, p. 17, R.J. 6-90, R.E. 166.
230. *Natica Wintlei*. *Ten. Woods.* (P.) Table Cape, Tas.; Muddy Ck., Vic. T.W. 1875, p. 23, R.J. 6-90, R.E. 166.
231. *Natica vixumbilicata*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 59, R.J. 6-90, R.E. 166.
232. *Pyramidella sulcata*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
233. *Pyramidella polita*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
234. *Pyramidella Roberti*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 62, R.J. 6-90, R.E. 166.
235. *Fissurellidæ malleata*. *Tate.* (P.) Table Cape, Tas.; Murray Cliffs, S.A. Tate, Proc. Roy. Soc. Tas., 1884, p. 208.
236. *Emarginula transenna*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 51, R.J. 6-90, R.E. 163.
237. *Pileopsis navicelloides*. *R. M. Johnston.* (P.) Table Cape, Tas. R.Ja.
238. *Cylichna Woodsii*. *Tate.* (P.) Table Cape, Flinders Island, Tas. Tate. Proc. Roy. Soc. Tas, 1884, p. 208. (*C. arachis*, Woods.)
239. *Actæon scrobiculatus*. *Ten. Woods.* (P.) Table Cape, Tas. T.W. 50, R.J. 6-90, R.E. 159.
240. *Ancillaria mucronata*. *G. B. Sowerby.* (P.) Table Cape, Tas. T.W. 34, R.J. 6-90, R.E. 159.
241. *Dentalium Kickxii*. *Nyst.* (P.) Table Cape, Tas. T.W. 1875, p. 15, R.J. 6-90, R.E. 162.
242. *Dentalium lacteum*. *Deshayes.* (P.) Table Cape, Tas. T.W. 1875, p. 17, R.J. 6-90, R.E. 163.



*Cephalopoda.*

243. *Aturia ziczac*. *J. Sowerby*. (P.) Table Cape, Tas. (Bell.)

*Pisces.*

244. *Carcharodon augustidens*. *Agassiz*. (P.) Table Cape, Tas.; Bird Rock, Vic. *M'Coy* ii., p. 8, R.J. 6-90, R.E. 171.  
 245. *Lamna elegans*. *Agassiz* (P.) Table Cape, Tas.; Bird Rock, Vic. R.J. 6-90, R.E. 172.  
 245a. *Oxyrhina trigonodon*. *Agassiz*. Table Cape.

*Mammalia.*

246. *Hypsiprymnus* sp. ind. (P.) One Tree Point, Hobart; Geilston, Tas. *Johnston*. Proc. Roy. Soc. Tas, 1881, p. 12. Teeth and leg bones.  
 247. *Halmaturus* sp. ind. (P.) *Turritella* Sandstone, Table Cape, Tas. Fine specimen in Tas. Mus., Hobart.  
 248. *Phalascornys* sp. ind. (P.) One Tree Point, Hobart. *Johnston*. Proc. Roy. Soc. Tas., 1881, p. 12. Teeth.

## POST TERTIARY.

*Gasteropoda.*

1. *Helix Diemenensis*. *Cox*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
2. *Helix Furneauxensis*. *Petterd*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
3. *Helix pictilis*. *Tate*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas.; Cape Northumberland, S.A. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
4. *Helix Stanleyensis*. *Petterd*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
5. *Vitrina Verreauxi*. *Pfr*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
6. *Succinea Australis*. *Fer*. (P.T.) *Helicidæ* Sandstone, Furneaux Group, Tas. *Johnston*, Proc. Roy. Soc. Tas., 1879, p. 49.
- 6a. *Bithynella nitida*. *R. M. Johnston*. *Helicidæ* Sandstone, Thunder and Lightning Bay, Barren Island.

*Marsupialia.*

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|---|---|
| 7. <i>Halmaturus Bennettii</i> . <i>Waterhouse</i> .      | } Higgins and Petterd,<br>Proc. Roy. Soc. Tas.,<br>1883, p. 191.* |
| 8. " <i>Billardieri</i> . <i>Desmarest</i> .              |   |
| 9. <i>Bettongia cuniculus</i> . <i>Ogilby</i> .           |   |
| 10. <i>Potorous murinus</i> . ( <i>White's Journal</i> .) |   |
| 11. <i>Phascolomys wombat</i> . <i>Peron-et-Les</i> .     |   |
| 12. <i>Phalangista vulpina</i> . <i>Shaw</i>              |   |
| 13. " <i>Cookii</i> . <i>Desmarest</i> .                  |   |
|   | <i>Rodentia.</i>  |
| 14. <i>Mus castaneus</i> . <i>Higgins and Petterd</i> .   |   |
| 15. " <i>pachyurus</i> . "                                |   |

\*Bones discovered in one of the chambers of the Chudleigh Caves, Tas., by Mr. Fred. Henry.



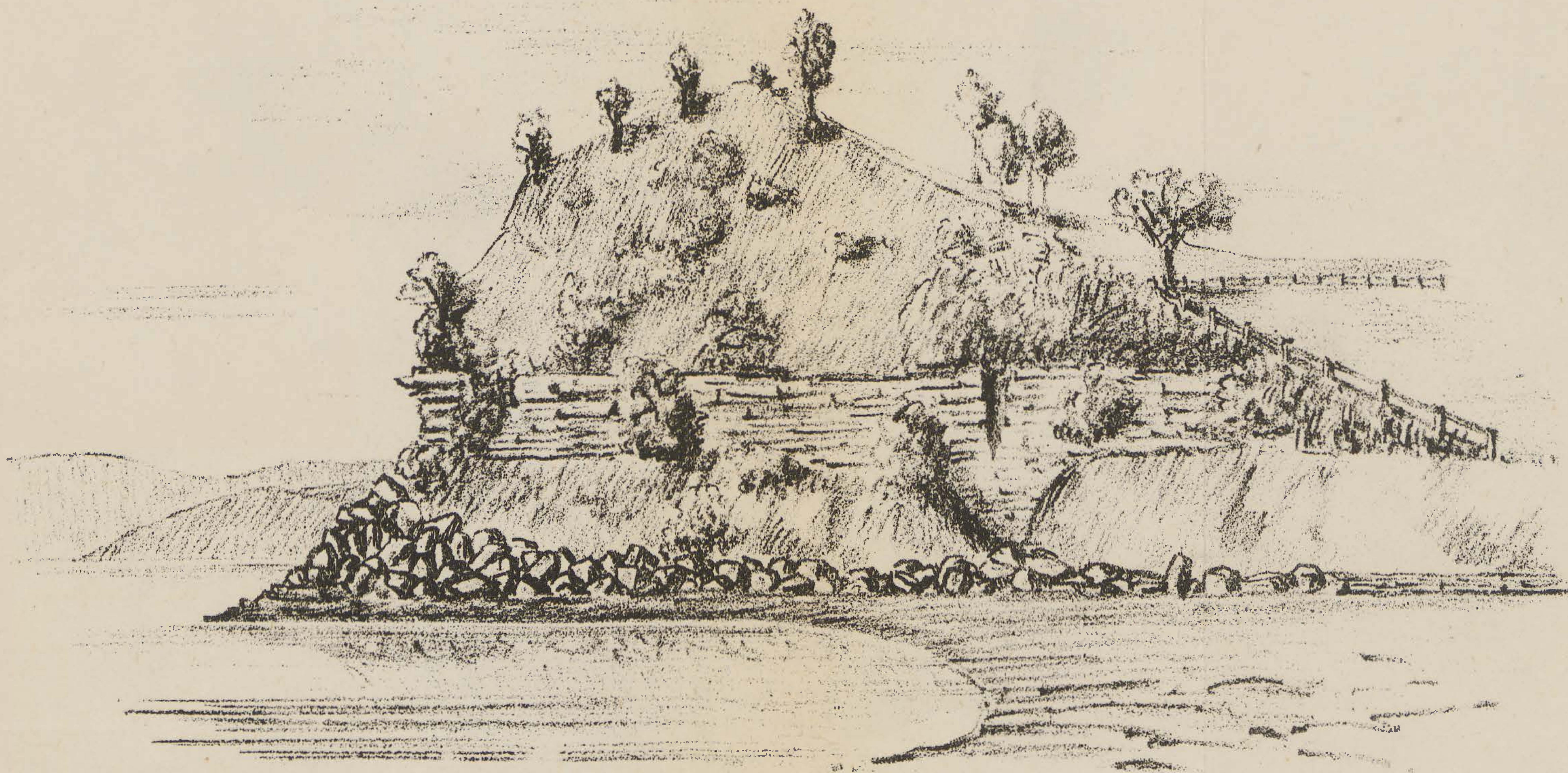
In one of the innermost chambers the remains were found lying on the projecting shelves of rock, to which they were agglutinated by thick stalactitic incrustation. Still larger quantities are found in the crevices of the rock, whilst the earthy and stalagmitic floor yields an abundance of the species named, which have been carefully compared with recent specimens by Messrs. Higgins and Petterd.

16. *Phalangista fuliginosa*. *Ogilby*. Found by Mr. Wintle at Glenorchy Cave, Tas., together with No. 7. (Krefft.) R.E. 182-187.

#### EXPLANATION OF ABBREVIATIONS USED IN CATALOGUE.

- R.E.—Refers to Catalogue of Australian Fossils, by Robt. Etheridge, jun., F.G.S. (London, 1878.) The number refers to the page.
- T.W.—Refers to descriptions of certain species of fossils from Table Cape, Tasmania, by the Rev. Tenison-Woods, F.L.S., etc. (*Proceedings of Roy. Soc. Tas.*, July, 1886.) The number refers to page.
- M'C.—Refers to descriptions or figures of fossils contained in certain of the "decades" of the geol. survey of Victoria, by Prof. M'Coy, F.G.S., etc. Numbers refer to vol. and page respectively.
- T.—Refers to description and figures of fossil shells contained in "Lamellibranchs of the older tertiary" (*Trans. Roy. Soc. of Adelaide*, 1885), by Prof. R. Tate, F.G.S., etc. The numbers refer to plates and figures.
- R.T.—Refers to descriptions and figures of fossil brachiopods contained in "Palliobranchs of Australia," by Prof. R. Tate, F.G.S. (*Trans. Phil. Soc. Adelaide*, 1880.) The numbers refer to plates and figures.
- R.J.—Refers (*a*) to the author's descriptions of fossils contained in "Third Contribution to the Natural History of the Marine Beds at Table Cape. (*Proc. Roy. Soc. Tas.*, April, 1879.) (*b* or 6.) Ditto Catalogue showing Distribution of Tertiary Fossils. (*Proc. Roy. Soc. Tas.*, July, 1878.) The following number refers to page. (*c*.) (*Proc. Roy. Soc. Tas.*, 1884, p. 223.)
- E.—Refers to Eittingshausen's *Beiträge zur Kenntniss der Tertiärflora Australiens*. Wien, 1883.
- J.—Refers to Johnston's notes, Estuary of the Derwent during the Tertiary Period. (*Proc. Roy. Soc. Tas.*, 1881.) (April.)
- (P.)—Indicates the "Palæogene" era; equivalent in Tasmania to Eocene and Miocene taken together.





TERTIARY BEDS, SANDY COVE, TABLE CAPE. B.



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PLATE A.—LEAF IMPRESSIONS FOUND IN THE  
TURRITELLA SANDSTONE BEDS AT TABLE  
CAPE.

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Fig. 9, 9A, 9B.—*Pteris* (?) *Belli*. R. M. Johnston. Imperfect fragments of a small species of fern referred provisionally to the genus *Pteris*. Frond minute, evidently linear-lanceolate; pinnate or pinnatifid; rachis strongly marked; pinnules simple, minute, ovate, opposite or alternate, attached to rachis by the entire base, gradually reduced in size and more obtusely rounded towards base and apex of frond.

Figs. 1-6, 8, 8A, 10-13.—Leaf impressions undetermined, associated with *Pteris Belli*.

Fig. 7.—*Sapotacites oligoneuris*.\* Ettingshausen. Ditto, ditto.

PLATE B.—Diagram of tertiary beds as exposed in cliffs at Sandy Cove, Table Cape. It is from the uppermost or turritella zone where the leaf impressions were obtained. The marine beds are capped by basalt.

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\* This form also occurs in the tertiary leaf beds at One Tree Point and Pipeclay Bluff, near Hobart; also in similar deposits at Macquarie Harbour.—R. M. J.

NOTE.—All figures natural size.

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