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CATALOGUE OF FOSSIL TYPE AND FIGURED SPECIMENS IN
TASMANIA

by

Irene Crespin

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CATALOGUE OF FOSSIL TYPE AND FIGURED SPECIMENS
IN TASMANIA

ABSTRACT

Only 173 primary or supplementary type specimens were discovered in the fossil collections in Tasmania. These were deposited in the Geology Department, University of Tasmania, Tasmanian Museum and Geological Survey of Tasmania in Hobart and in the Queen Victoria Museum in Launceston. The species are listed and arranged in alphabetical order in their appropriate larger biological groups. The publication, in which the descriptions of these specimens occur, the appropriate prefixes to the registered numbers, character of the type, locality, geological age and the repository of the specimens, are given. The Catalogue is completed, as far as possible, to early 1962.

INTRODUCTION

Collections of Tasmanian fossils of Palaeozoic, Mesozoic and Tertiary ages are housed in four institutions in that State:

1. Geology Department, University of Tasmania, Hobart.
2. Tasmanian Museum and Art Gallery, Hobart.
3. Geological Survey of Tasmania, Hobart.
4. Queen Victoria Museum and Art Gallery, Launceston.

Few of the early types and figured specimens are in Tasmania itself. Many fossils were sent to palaeontologists on the mainland and to overseas specialists for examination and subsequent description, and were not returned.

Amongst the early described species from Tasmania housed in the British Museum (Natural History), are Palaeozoic brachiopods (Koenig, 1825), Tertiary corals from Table Cape (Duncan, 1875) and freshwater mollusca (Etheridge, 1881). Also in that institution are fossil types collected by Darwin's party during the voyage of the "Beagle" to Van Diemen's Land (old name for Tasmania) (Darwin, 1844) and by Strzelecki (1845). These included Palaeozoic Bryozoa (Lonsdale, 1844, 1845), Neogene Mollusca (Sowerby, 1845) and Palaeozoic marine fossils (Morris, 1845, 1845a).

The majority of Tertiary fossils from Table Cape (Fossil Bluff, Wynyard) were described by Professor Ralph Tate (1885-1893) and the type and figured specimens are in the Tate Museum, Geology Department, University of Adelaide. Others were described by the Reverend J. Tenison Woods (1876, 1877); a few of these were

found in the Tasmanian Museum, Hobart. The majority of species described by R. Etheridge Jnr. (1883, 1888, 1897) are in the Australian Museum, Sydney. The repository of the plant fossils described by Feistmantel (1881, 1890) is not known. Mr. H.O. Fletcher of the Australian Museum suggests they may be in a Museum in Europe.

On available evidence, all specimens described by R.M. Johnston between 1873 and 1919, were housed in the Tasmanian Collections. Few of the fossil plants described by him (1886a, 1886b, 1886c, 1894, 1897, 1919) and Mollusca (1881, 1885a, 1885d, 1885e, 1886) were found and only thirty of the three hundred specimens figured by him in the Geology of Tasmania, (Johnston, 1888).

Types of other described species and figured specimens are in the Australian Museum, Sydney (Hull, 1910; Brown, 1953), in the Geology Department, University of Sydney (Crockford, 1943), in the National Museum, Melbourne (Pritchard, 1896; Chapman, 1926; Gill, 1948; Warwick, 1960), and in the Commonwealth Palaeontological Collection, Canberra (Crespin, 1958). The whereabouts of the Palaeozoic plants described by Cookson (1937) is uncertain.

The remains of the cetacean Proqualodon davidi Flynn (1932) from the Tertiary of Table Cape, are in the Zoology Department, University of Tasmania. As far as is known, these represent the specimens upon which Flynn based his type description. Up to the present no registered number has been assigned to these remains. Numerous fragments are also present in the Queen Victoria Museum, Launceston, but it is not known whether any of them are referred to in the type description.

The type specimen of the interesting marsupial, Wynyardia bassiana, Spencer (1900), from the Table Cape Beds, is safely housed in the Tasmanian Museum, Hobart.

METHODS OF REGISTRATION OF SPECIMENS

No distinctive method for the registration of type and figured specimens exists in any of the institutions in which these specimens are housed. All specimens carry numbers which include them in the general fossil or geological collections.

1. Registered numbers given to fossils in the collection in the Geology Department, University of Tasmania, are all prefixed with the letters "UT". Unfortunately no distinctive numbers are given to type and figured specimens. It is expected that, on the completion of the new Department of Geology building late in 1962, all type and figured specimens including those at present housed in the Tasmanian Museum, will be placed in the strong room at this institution.

2. In the Tasmanian Museum, where the majority of type and figured specimens are housed, the individual specimen numbers, until recently, has been prefixed by two series of letters:

"TM" has been used for general fossil specimens.

"B" has been used for general geology including fossils.

Mr. M.R. Banks commenced an individual card index of all fossils adding the letter "Z" as a prefix to all numbers referring to fossils which may have been described and figured. This method of registration will be continued by Mr. R. Both who now has care of the geological section at the Museum. All type and figured specimens discovered in the Tasmanian Museum, are housed in a strong room in the basement.

3. The collection of the Geological Survey of Tasmania, contains several type and figured specimens. By arrangement with Mr. Banks, the Chief Government Geologist, Mr. T. Hughes, has agreed that these should be given University Geology Department numbers with the proviso that they are on permanent loan from the

Geological Survey to the University. For the present they will be placed in the strong room at the Tasmanian Museum; later they will be transferred to the new strong room at the University.

4. Few type and figured specimens of fossils have been housed in the Queen Victoria Museum, Launceston. The Director of the Museum, Mr. F. Ellis, and his scientific assistant, Mr. F.L. Sutherland, agreed to institute a new method of registration of all type and figured specimens described from that institution, which will have the letters "QVM" as a prefix to registered numbers of such specimens. All specimens will be suitably housed.

The age of all type and figured specimens given in the following section, have, as far as possible, been brought up to date; this has been done with the valuable assistance of Mr. Banks. The age of the Tertiary Table Cape Beds is being investigated to determine their exact stratigraphical position within the Tertiary sequence, and for the present, an "Oligocene or Lower Miocene" age is assigned to them. Reference to Formations is based, as far as possible, on the Lexicon of Tasmanian Stratigraphy (E.M. Smith, 1957).

The method of recording the fossils in the following section is based on that described by the writer in the Catalogue of type and figured specimens in the Commonwealth Palaeontological Collection at Canberra (Crespin, 1960).

ACKNOWLEDGEMENTS

The writer expresses sincere thanks to all those who gave her such valuable co-operation in her attempt to sort out and compile the following list of type and figured specimens of Tasmanian fossils. Special appreciation is extended to Professor

S.W. Carey and Mr. M.R. Banks of the Geology Department, University of Tasmania; to the Director, Dr. W. Bryden, and Mr. R.A. Both, of the Tasmanian Museum; to the Chief Government Geologist, Mr. T. Hughes, and Miss Edith Smith of the Geological Survey of Tasmania; to the Director, Mr. P. Ellis and Mr. P.L. Sutherland, of the Queen Victoria Museum and Art Gallery, Launceston; to Miss Geddes, Librarian, Royal Society of Tasmania, Hobart; and to the Keeper of Palaeontology, Dr. E.I. White, of the British Museum (Natural History), London.

PLANTAE

A. Algae

GIRVANELLA GRANDIS Banks and Johnson, 1957

Girvanella grandis Banks and Johnson, 1957, p.635, pl.37
figs.2, 4

UT. 25043a

Holotype

Cashins Creek, Florentine Valley, near Maydena,

Gordon Limestone

Ordovician

Univ. Tas. Geol. Dept.

GIRVANELLA PROBLEMATICA Nicholson and Etheridge, 1880; Banks
and Johnson, 1947

Girvanella problematica Nicholson and Etheridge, 1880,
p.23, pl.9, fig.24

Girvanella problematica Nicholson and Etheridge, Banks
and Johnson, 1957, p.634, pl.73, figs. 1, 4

UT. 25043a, 25045a

Figured sections

Cashins Creek, Florentine Valley, near Maydena,

Gordon Limestone

Ordovician

Univ. Tas. Geol. Dept.

GIRVANELLA TASMANIAENSIS Banks and Johnson, 1957

Girvanella tasmaniaensis Banks and Johnson, 1957,
p.635, pl.73, fig.3

UT. 25041b

Holotype

Cashins Creek, Florentine Valley, near Maydena,
Gordon Limestone

Ordovician

Univ. Tas. Geol. Dept.

B. Fossil Leaves

?BAIERA TENUIFOLIA Johnson, 1887b, 1888; Walkom, 1925. See
CZEKANOWSKIA TENUIFOLIA Jones and
de Jersey, 1947; PTERUCHUS JOHNSTONI
(Feistmantel) Townrow, 1962

?Baiera tenuifolia Johnston, 1887b (1886), p.176, pl.3,
figs.2a-c, non 2d,e

?Baiera tenuifolia Johnston, Johnston, 1888, pl.27,
figs.2a-c, non 2d,e

?Baiera tenuifolia Johnston, Walkom, 1925, p.85, fig.14,
non 15, 16

B.1049 (pars)

?Holotype

New Town, Hobart

Triassic

Tas. Mus.

BEECH LEAF, Carey, 1947

Beech, Carey, 1947, pl.4B (non A).

QVM. 5

Figured specimen

Launceston Tertiary Basin

Palaeogene

Queen Vict. Mus.

Fossil leaves, CINNAMOMUM, BEECH, Carey, 1947

Fossil leaves, Cinnamomum, Beech, Carey, 1947, p.40,
pl.5

QVM.7

Figured specimens

Launceston Tertiary Basin

Palaeogene

Queen Vict. Mus.

CRYPTOPHYLLITES TASMANICA Johnston, 1888

Cryptophyllites Tasmanica Johnston, 1888, pl.22, fig.13

TM. 9610

Hypotype

Springs, Mt. Wellington

Triassic

Tas. Mus.

Note: M.R. Banks has informed the writer verbally that he considers this specimen not to be a fossil but the marks made by modern roots or branches.

CZEKANOWSKIA TENUIFOLIA (Johnston), Jones and de Jersey, 1947;

Townrow, 1962. See ?BAIERA TENUIFOLIA Johnston,
1887b, 1888, Walkom, 1925

Czekanowskia tenuifolia (Johnston), Jones and de Jersey,
1947, p.59, pl.5, fig.4; pl.6, fig.2; text fig.55

Czekanowskia tenuifolia (Johnston), Townrow, 1962, p.300,
fig.6H, 1962a, p.91

DADOXYLON PENMANI Scott, 1934

Dadoxylon penmani Scott, 1934 (1933), p.17

QVM.2

Co-types (not figured)

Air Shaft, Aberfoyle Mine, Rossarden

Permian

Queen Vict. Mus.

Note: Scott did not figure this species. Two specimens labelled "Co-types" are present in the Queen Victoria Museum. Scott (p.19) stated that three specimens were described.

DICROIDIUM ODONTOPTEROIDES (Morris), Townrow, 1962, 1962a. See

THINNFELDIA ODONTOPTEROIDES Morris, Johnston,

1887b, 1888, Walkom, 1925

Dicroidium odontopteroides (Morris), Townrow, 1962,

p.312 etc. Fig.5A, Fig.7E.

Dicroidium odontopteroides (Morris), Townrow, 1962a, p.91

GLOSSOPTERIS sp. Lewis, 1940

Glossopteris sp., Lewis, 1940 (1939), p.95, pl.13

Z.233

Figured specimen

Heaney's Mine, 2 inches below floor of coal seam,

Cygnat, Cygnat Coal Measures

Permian

Tas. Mus.

PECOPTERIS LUNENSIS Johnston, 1894

Pecopteris lunensis Johnston, 1894 (1893), p.170, pl.1, figs.
5,6,7.

TM.3173

Holotype

Near Ida Bay, Southport

Triassic

Tas. Mus.

?PHLEBOPTERIS ALETHOPTEROIDES Etheridge Jnr. 1888; Walkom, 1925

Phlebopteris alethopteroides Etheridge Jnr. 1888,

p.1306, pl.38, figs. 1, 2

?Phlebopteris alethopteroides Etheridge Jnr., Walkom,

1925, p.76, fig.3

B.1363

Hypotype

No locality given

Triassic

Tas. Mus.

PLANE LEAF Carey, 1947

Plane leaf, Carey, 1947, pl.6A (non B)

QVM.6

Figured specimen

King's Meadow, Launceston Tertiary Basin

Palaeogene

Queen Vict. Mus.

PODOCARPUS BROWNEI Selling, 1950

Podocarpus Brownei Selling, 1950, p.558, pl.2, figs.17-19

QVM.3

Holotype

Burnie

Tertiary (Palaeogene)

Queen Vict. Mus.

PODOCARPUS (Sect. DACRYCARPUS) sp. Selling, 1950

Podocarpus (sect. Dacrycarpus) sp., Selling, 1950, p.555,
pl.2, fig.16

QVM.4

Figured specimen

Burnie

Tertiary (Palaeogene)

Queen Vict. Mus.

PTERUCHUS JOHNSTONI (Feistmantel), 1890; Townrow, 1962a

"Male flower of ?Baiera tenuifolia" Johnston (pars), 1888,
pl.27, figs.2D,E?Baiera tenuifolia Johnston, Walkom (pars), 1925, p.85,
pls.15, 16Trichopitys johnstoni Feistmantel, 1890, p.113, pl.6, fig.5Pteruchus johnstoni (Feistmantel), Townrow, 1962a, p.92,
text figs. A, B, C

B.1049 (pars)

Holotype (fig.A in Townrow)

Lords Hill, Hobart

Triassic

Tas. Mus.

THINNFELDIA ODONTOPTEROIDES Morris, Johnston, 1887b; Walkom, 1925.

See DICROIDIUM ODONTOPTEROIDES (Morris) Townrow,
1962, 1962a

Thinnfeldia (Pecopteris) odontopteroides Morris, Johnston,
1887b (1886), p.181

Thinnfeldia obtusifolia Johnston, 1888 (pars), pl.25,
figs.7, 14, (non figs.3, 9)

Thinnfeldia odontopteroides Morris, Walkom, 1925, p.78,
fig.5

B.1045 Hypotype

Lords Hill, Hobart

Triassic

Tas. Mus.

C. Spores

BACUTRILETES GYRUS Dettmann, 1961

Bacutriletes gyrus Dettmann, 1961, p.75, pl.2, fig.2

UT.54592 Holotype

Hydro-Electricity Commission bore No.5018, NE. tip of
Great Lake, at 416 feet, New Town Coal Measures
(Brady Formation)

Triassic

Tas. Mus.

BANKISPORITES SINOSUS Dettmann, 1961

Banksisporites sinus Dettmann, 1961, p.74, pl.1, fig.11

UT.54591 Holotype

No.1 Bore, Cornwall Mine, near St.Mary's, at 580 feet,
New Town Coal Measures (Mt. Nicholas Beds)

Triassic

Tas. Mus.

HORSTISPORITES MICROLUMENIS Dettmann, 1961

Horstisporites microlumemis Dettmann, 1961, p.75, pl.2,
fig.8

UT.54593

Holotype

Hydro-Electricity Commission bore No.5087, NE. tip of
Great Lake, at 434 feet, New Town Coal Measures (Brady
Formation)

Triassic

Tas. Mus.

HUGHESISPORITES VARIABILIS Dettmann, 1961

Hughesisporites variabilis Dettmann, 1961, p.76, pl.1,
fig.15

UT.54594

Holotype

Bore No.2, Cornwall Mine near St. Mary's, at 644-646 feet,
New Town Coal Measures (Mt. Nicholas Beds)

Triassic

Tas. Mus.

NATHORSTISPORITES FLAGELLATUS Dettmann, 1961

Nathorstisporites flagellatus Dettmann, 1961, p.80,
pl.4, fig.1

UT.54595

Holotype

Bore No.11, Cornwall Mine, near St. Mary's, at 580 feet,
New Town Coal Measures (Mt. Nicholas Beds)

Triassic

Tas. Mus.

FORAMINIFERA

CALCITORNELLA STEPHENSI (Howchin), 1894; Crespin, 1945, 1947, 1958.

See NUBECULARIA LUCIFUGA Defrance var. STEPHENSI

Howchin, 1894

Nubecularia lucifuga Defrance var. stephensi Howchin, 1894
(1893), p.245, pls. 9a, 10a

Calcitornella stephensi (Howchin), Chapman, Howchin and
Parr, 1934, p.187

Calcitornella stephensi (Howchin), Crespin, 1945, p.25, pl.3,
fig.3

Calcitornella stephensi (Howchin), Crespin, 1947, pl.1, fig.3

Calcitornella stephensi (Howchin), Crespin, 1958, p.84,
pl.17, figs. 4-8; pl.32, figs. 1, 2, 4, 9

UT.50203

Tectohypotype

Hill immediately E. of main road between Karoola and
Bangor, just N. of road bridge over Piper River, 5½
miles from Karoola, Darlington Limestone.

Lower Permian

Univ. Tas. Geol. Dept.

FRONDICULARIA HILLAE Crespin, 1958

Frondicularia hillae Crespin, 1958, p.110, pl.28, fig. 5-8

UT.28000

Paratype

W. bank of Don River, 5 yards upstream from bridge
over river from main road to Barrington and Sheffield,
Golden Valley Group.

Lower Permian

Univ. Tas. Geol. Dept.

NUBECULARIA LUCIFUGA Defrance var. STEPHENSI Howchin, 1894. See

CALCITORNELLA STEPHENSI (Howchin), Crespin, 1945, 1947,
1958

SPONGIDA

?CALCAREOUS SPONGE Johnston, 1888

Calcareous sponge, Johnston, 1888, pl.2, fig.13

Z.20

Figured specimen

Gordon River, W. Tasmania. Gordon Limestone

Ordovician

Tas. Mus.

VERMES

TASMANADIA TWELVETREESI Chapman, 1928, Glaessner, 1957. (See under
ARTHROPODA)

Tasmanadia twelvetreesi Chapman, 1928, p.5, pl.1

Tasmanadia twelvetreesi Chapman, Glaessner, 1957, p.103, pl.11,
fig.4

UT.59257

Holotype

Kirkup's Quarry, Arthur River

Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from Geol.
Surv. Tas.)

HYDROIDEA

ARCHAEOCRYPTOLARIA SKEATSI Chapman, 1919; Thomas and Henderson,
1945

Archaeocryptolaria skeatsi Chapman, 1919, p.393,
pl.1, fig.3; pl.20, fig.7

Archaeocryptolaria skeatsi Chapman, Thomas and Henderson,
1945, p.6, pl.1, fig.1

UT.59252

Hypotype

Razorback Spur, half a mile E. of deserted township of
Dundas, 6 miles E. of Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from Geol.
Surv. Tas.)

ARCHAEOLOAFOEA SERIALIS Chapman and Thomas, 1936; Thomas and
Henderson, 1945

Archaeolafoea serialis Chapman and Thomas, 1936, p.201,
pl.14, figs. 9-11; pl.15, figs. 12, 12a, b.

Archaeolafoea serialis Chapman and Thomas, Thomas and
Henderson, 1945, p.6, pl.1, fig. 3a

UT.59254

Hypotype

Razorback Spur, half a mile E. of deserted township of
Dundas, 6 miles E. of Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from Geol.
Surv. Tas.)

PROTOTHALAECIUM HALLIANUM Chapman and Thomas, 1936; Thomas and
Henderson, 1945

Protenthalaecium hallianum Chapman and Thomas, 1936,
p.204, pl.16, fig.22

Protenthalaecium hallianum Chapman and Thomas, Thomas and
Henderson, 1945, p.7, pl.1, fig.4

UT.58255a, b

Hypotypes

Razorback Spur, half a mile E. of deserted township of
Dundas, 6 miles E. of Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from Geol.
Surv. Tas.)

SPHENOECIUM FILICOIDES Chapman, 1917; Thomas and Henderson, 1945

Sphenoecium filicoides Chapman, 1917, p.92, pl.4, fig.1

Sphenoecium filicoides Chapman, Thomas and Henderson,
1945, p.7, pl.1, fig.5

UT.59253

Hypotype

Razorback Spur, half a mile E. of deserted township of
Dundas, 6 miles E. Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ.Tas.Geol.Dept. from Geol.Surv.Tas.)

SPHENOECIUM sp. Thomas and Henderson, 1945

Sphenoecium sp., Thomas and Henderson, 1945, p.7, fig. 3g

UT.59254

Figured specimen

Razorback Spur a mile E. of deserted township of

Dundas, 6 miles E. of Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from
Geol. Surv. Tas.)

GRAPTOLIDEA

CACTOGRAPTUS FLEXISPINOSUS Chapman and Thomas, 1936; Thomas and
Henderson, 1945

Cactograptus flexispinosus Chapman and Thomas, 1936,
p.207, pl.1, figs. 29-33

Cactograptus flexispinosus Chapman and Thomas, Thomas and
Henderson 1945, p.7, pl.1, fig.3

UT.59265

Hypotype

Razorback Spur, half a mile E. of deserted township of

Dundas, 6 miles E. of Zeehan, Hodge Slate

Middle Cambrian

Tas. Mus. (on loan to Univ. Tas. Geol. Dept. from Geol.
Surv. Tas.)

ANTHOZOA

AULOPORA sp. Hill, 1955

Aulopora sp., Hill, 1955, p.251, pl.2, fig.34

UT.23538

Figured section

King Mine, Zeehan, core 13, sample 145 (530 feet 6 inches)

Age unknown

Tas. Mus.

BILLINGSARIA ?BANKSI Hill, 1955

Billingsaria banksi Hill, 1955, p.246, pl.3, fig.40Billingsaria ?banksi, Hill, 1955, p.246, pl.1, fig.2

UT.23532

Figured section, transverse

Oceana Mine, Zeehan, Core 2, sample 3 (47 feet to 48 feet)

Gordon Limestone

Ordovician

Tas. Mus.

BOFLETCHERIA CONTIGUA Hill, 1955

Bofletcheria contigua Hill, 1955, p.251, pl.1, figs.6, 7

UT.23527

Holotype

Oceana Mine, Zeehan, core 2, sample 12, believed to be
from level about 92 feet 6 inches, Gordon Limestone

UT.23533

Figured section, transverse

Locality as above but from 89 feet.

Ordovician

Tas. Mus.

FAVOSITES? BRYANI Jones, 1937; Hill, 1942

Favosites bryani Jones, 1937, p.96, pl.15, figs. 3-6Favosites? bryani Jones, Hill, 1942 (1941), p.8. pl.2, fig.6

UT.59327

Figured section

Point Hibbs, Point Hibbs Limestone

Lr. to Mid. Devonian

Tas. Mus. (on loan to Univ.Tas.Geol.Dept. from Geol.Surv.Tas.)

FAVOSITES ?GOLDFUSSI d'Orbigny, 1850; Hill, 1942

Favosites goldfussi d'Orbigny, 1850Favosites ?goldfussi d'Orb., Hill, 1942 (1941), p.9, pl.2,
fig.7

UT.59341

Figured section

Point Hibbs, Point Hibbs Limestone

Lr. to Mid. Devonian

Tas. Mus. (on loan to Univ.Tas.Geol.Dept. from Geol.Surv.Tas.)

HELIOPHYLLUM ? CHILLAGOENSE (Etheridge), 1911; Hill, 1942

Cyathophyllum chillagoensis Etheridge Jnr. 1911, p.4, pl.D,
figs. 1,2

Heliophyllum ?chillagoense (Etheridge Jnr.) Hill, 1942
(1941), p.6, pl.2, figs. 3a, b

UT.59325 (fig.3), UT.59326 (fig.3b) Figured sections

Point Hibbs, Point Hibbs Limestone

Lr. to Mid. Devonian

Tas. Mus. (on loan to Univ.Tas.Geol.Dept. from Geol.Surv.
Tas.)

LICHENARIA RAMOSA Hill, 1955

Lichenaria ramosa Hill, 1955, p.241, pl.1, figs. 14, 15;
pl.3, fig.37.

UT.23503 Holotype

Oceana Mine, Zeehan, core 2, sample 85 (875 feet 6 inches),
Gordon Limestone

UT.23504d Figured section

Locality as above, but sample 56 (578 feet to 579 feet)

Ordovician

Tas. Mus.

LYOPORA cf. FAVOSA (McCoy), 1851; Hill, 1955

Palaeopora favosa McCoy, 1851, p.15, pl.10, fig.C, 3a-d

Lyopora cf. favosa (McCoy), Hill, 1955, p.248, pl.1
figs. 5a, b

UT.23537 Figured sections, a. transverse; b.vertical

Oceana Mine, Zeehan, Core 3, sample 6 (58 feet - 58 feet
6 inches) Gordon Limestone

Ordovician

Tas. Mus.

NYCTOPORA ZEEHANENSIS Hill, 1955

Nyctopora zeehanensis Hill, 1955, p.247, pl.1, figs. 3a, b

UT.23531

Holotype, a.transverse; b. vertical

Oceana Mine, Zeehan, core 2, sample 11 (91 feet), Gordon

Limestone

Ordovician

Tas. Mus.

?NYCTOPORA sp., Hill, 1955

?Nyctopora sp. Hill, 1955, p.247, pl.1, figs. 4a. b

UT.23530

Figured sections, a.transverse; b.vertical

Oceana Mine, Zeehan, Core 2, sample 14 (94 feet 6 inches -

95 feet) Gordon Limestone

Ordovician

Tas. Mus.

TETRADIUM COMPACTUM, Hill, 1955

Tetradium compactum, Hill, 1955, p.244, pl.1, fig.12

UT.23517

Holotype, a. transverse; b. vertical

Oceana Mine, Zeehan, core 2, sample 31 (351 feet - 252 feet)

Gordon Limestone

Ordovician

Tas. Mus.

TETRADIUM DENDROIDES Hill, 1955

Tetradium dendroides Hill, 1955, p.244, pl.1, fig.9;

pl.2, figs. 16, 28

UT.23519

Figured sections, transverse (pl.1, fig.9)

Oceana Mine, Zeehan, core 2, sample 27, (204 feet),

Gordon Limestone

Ordovician

Tas. Mus.

TETRADIUM PETALIFORME Hill, 1955

Tetradium petaliforme, Hill, 1955, p.242, pl.1 figs.10a. b.UT.23513 Holotype, a. transverse; b. vertical

Oceana Mine, Zeehan, core 2, sample 41, 251 feet - 252 feet,

Gordon Limestone

Ordovician

Tas. Mus.

TETRADIUM ?TASMANIENSE Chapman, 1919; Hill, 1955

Tetradium tasmaniense Chapman, 1919, p.8, figs. 1-3Tetradium ?tasmaniense Chapman, Hill, 1955, p.243,

pl.1, fig.11

UT.23516 Figured section

Oceana Mine, Zeehan, core 2, sample 41, 251 feet - 252 feet,

Gordon Limestone

Ordovician

Tas. Mus.

TETRADIUM sp. Hill, 1955

Tetradium sp. Hill, 1955, p.245, pl.1, figs. 13a, bUT.23522 Figured specimens, a. transverse;
b. vertical

Oceana Mine, Zeehan, core 2, sample 21, 169 feet 6 inches -

170 feet, Gordon Limestone

Ordovician

Tas. Mus.

TRYPLASMA CERIOIDES Hill, 1955

Tryplasma cerioides Hill, 1955, p.240, pl.1, figs. 1a, b;

pl.3, fig.3c

UT.23502 Figured sections, a. transverse; b. vertical

Oceana Mine, Zeehan, core 2, sample 8, 62 feet 6 inches to

63 feet, Gordon Limestone

Ordovician

Tas. Mus.

BRYOZOA

AMPLEXOPORA QUEENSTOWNENSIS Ross, 1961

Amplexopora queenstownensis Ross, 1961, p.37. pl.4,
fig.4; pl.5, figs. 3, 5

UT.24110-9

Holotype

Ridge beside railway line near Oval, Queenstown,
June Group

Mid. - Up. Ordovician

Tas. Mus.

BATOSTOMA sp. C. Ross, 1961

Batostoma sp. C. Ross, 1961, p.35, pl.6, fig.1

UT.24796-2

Figured section, transverse

Smelters Quarry, 2 miles S. of Zeehan, Gordon
Limestone

Mid. - Up. Ordovician

Tas. Mus.

STICTOPORA ZEEHANENSIS Ross, 1961

Stictopora zeehanensis Ross, 1961, p.81, pl.24, figs. 1.3

UT.20334-1

Holotype (longitudinal section)

UT.20334-6

Paratype (tangential section)

Smelters Quarry, 2 miles S. of Zeehan, Gordon
Limestone

Mid. - Up. Ordovician

Tas. Mus.

BRACHIOPODA

SPIRIFERA AVICULA (Sowerby), 1844; Morris, 1845b; Johnston, 1888

Spirifer avicula Sowerby, 1844, p.160

Spirifer avicula Sowerby, Morris, 1845a, p.282, pl.17,
fig.6

Spirifera avicula (Sowerby), Johnston, 1888, pl.12, fig.3

Z.242 (B.1389)

Hypotype

Hobart

Permian

Tas. Mus.

SPIRIFERA CONVOLUTA Phillips 1836; Johnston, 1888

Spirifera convoluta Phillips, 1836, p.35, pl.5,
figs.9-15; p.223, pl.1, figs.1, 2.

Spirifera convoluta Phillips, Johnston, 1888, pl.12,
fig.5

Z.241 (B.1387)

Hypotype

Oatlands

Permian

Tas. Mus.

SPIRIFERA STOKESII (König), 1825; Morris, 1845b; Johnston, 1888.

See TRIGONOTRETA STOKESII König, 1825; Brown, 1952

Trigonotreta Stokesii König, 1825, p.3, pl.6, fig.70

Spirifer stokesii (König), Morris, 1845b, p.283, pl.15,
figs. 1, 1a

Spirifera stokesii (König), Johnston, 1888, pl.13, fig.2

Z.243 (B.1386)

Hypotype

Bridgewater

Permian

Tas. Mus.

SYNTROPHOPSIS KARMBERGI Brown, 1948

Syntrophopsis karMBERGI Brown, 1948, p.38, pl.9, figs. 3a-d

UT.29319 a, b

Holotype

Junees, on Tyeena River, Florentine Valley Mudstone

Lower Ordovician

Tas. Mus. (on permanent loan to Univ.Tas.Geol.Dept.
from Geol. Surv.Tas.)

TRIGONOTRETA STOKESII König, 1825; Brown, 1952. See SPIRIFERA

STOKESII (König) Johnston, 1888

Trigonotreta Stokesii König, 1825, p.3, pl.6, fig.70Spirifer Tasmaniensis Morris, 1845, p.280, pl.15, fig.3non Spirifer stokesii Morris, 1845, p.283, pl.15, figs. 1, 1aTrigonotreta stokesii König Brown, 1952, p.58, pl.5,
figs. 1-5

TRITOECHIA LEWISI Brown, 1948

Tritoechia lewisi Brown, 1948, p.37, pl.9, figs. 1a-1

UT.59321

Holotype (fig.1d)

UT.59320

Figured specimen

Wherret's Lookout, Currawong Gully, Junees District,

Florentine Valley Limestone

Lower Ordovician

Tas. Mus. (on permanent loan to Univ.Tas.Geol.Dept. from
Geol.Surv.Tas.)

?TRITOECHIA CAREYI Brown, 1948

?Tritoechia careyi Brown, 1948, p.9, pl.19, figs.2a-f

UT.59323

Holotype (fig.2e)

UT.59322, 59324

Figured specimen

Trilobite Bed, Junees on Tyeena River, Florentine Valley
Mudstone

Lower Ordovician

Tas. Mus. (on permanent loan to Univ.Tas.Geol.Dept. from
Geol.Surv.Tas.)

BRACHIOPOD, gen. et sp. indet. Kobayashi, 1940a

Brachiopod gen. et sp. indet., Kobayashi, 1940a p.67 (list),
pl.12, figs. 21, 20

Z.155

Figured specimen

Caroline Creek, near Latrobe, Caroline Creek Sandstone.

Lower Ordovician

Tas. Mus.

PELECYPODA

CARDITA GRACILICOSTATA T. Woods, 1877; Tate, 1886. See

VENERICARDIA GRACILICOSTATA Chapman and Singleton,

~~Chapman and Singleton~~, 1927

Cardita gracilicostata T. Woods, 1877 (1876), p.112

Cardita gracilicostata T. Woods, Tate, 1886, p.152, pl.2,
figs. 6, 8

Venericardia gracilicostata (T. Woods), Chapman and
Singleton, 1927, p.118, pl.9, figs. 20, 21

Z.177 (B.34)

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

CARDIOMORPHA GRYPHOIDES de Konick 1877; Johnston, 1888

Cardiomorpha gryphoides de Konick, 1877

Cardiomorpha gryphoides de Konick, Johnston, 1888, pl.15,
fig.1

Z.238

Hypotype

Latrobe

Lower Permian

Tas. Mus.

CRASSATELLA APHRODINA T. Woods, 1876; Johnston, 1888

Crassatella aphrodina T. Woods, 1876 (1875), p.24, fig.12

Crassatella aphrodina T. Woods, Johnston, p.29, fig.2

Z.199 (B27)

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

CRASSATELLA OBLONGA T. Woods, 1876; Johnston, 1888

Crassatella oblonga T. Woods, 1876 (1875), p.25, fig.11

Crassatella oblonga T. Woods, Johnston, 1888, pl.29,
figs.1, 2

Z.174

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

CUCULLAEA CAINOZOICA T. Woods 1877: PECTUNCULUS CAINOZOICUS Tate,
1886; Johnston, 1888: GLYCYMERIS CAINOZOICA
Chapman and Singleton, 1925

Cucullaea cainozoica T. Woods, 1887 (1876), p.11

Pectunculus cainozoica (T. Woods), Tate, 1886, p.136, pl.10,
figs. 8a, b

Pectunculus cainozoica (T. Woods), Johnston, 1888, pl.31,
figs. 13, 13a, b

Glycymeris cainozoica (T. Woods), Chapman and Singleton,
1925, p.20, pl.1, figs. 1a, b; 2a, b; 3, 4

Z.204 A

Holotype

Z.204 B

Paratype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

GLYCYMERIS CAINOZOICA (T. Woods) 1877; Chapman and Singleton,
1925. See CUCULLAEA CAINOZOICA T. Woods, 1877;
PECTUNCULUS CAINOZOICUS Tate, 1886

INOCERAMUS ELEGANTULA Johnston, 1887; Johnston, 1888 = INGELARELLA
ELEGANTULA (M.R. Banks)

Inoceramus elegantula Johnston, 1887

Inoceramus elegantula Johnston, Johnston, 1888, pl.15,
fig.13

B.743

?Holotype

Porters Hill, Hobart

Lower Permian

Tas. Mus.

LEDA CREBRECOSTATA T. Woods, 1877; Tate, 1885

Leda crebrecostrata T. Woods, 1877, p.112

Leda crebrecostrata T. Woods, Tate, 1885, p.113,
pl.5, figs. 5a, b

Z.178 (B.32)

?Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

LYONSIA AGNEWI T. Woods, 1876. See PANOPAEA AGNEWI Johnston, 1888

NOTOMYA TRIGONALIS, Johnston, 1887; Johnston, 1888

Notomya trigonalis Johnston, 1887, p.14

Notomya trigonalis Johnston, Johnston, 1888, pl.19, fig.2

Z.239

Holotype

Deloraine

Lower Permian

Tas. Mus.

NUCULANA RHOMBOIDEA May 1922

Nuculana rhomboidea May, 1922 (1921), p.12, pl.4, fig.9

Z.182

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

PACHYDOMUS HOBARTENSIS Johnston, 1887; Johnston, 1888

Pachydomus Hobartensis Johnston, 1887, p.16

Pachydomus Hobartensis Johnston, 1888, pl.16, fig.2

B.736

?Holotype

Huen Road, Hobart

Lower Permian

Tas. Mus.

PANOPAEA AGNEWI (T. Woods) 1876; Johnston, 1888. See LYONSIA

AGNEWI T. Woods, 1876

Lyonsia Agnewi, T. Woods, 1876(1875), pl.1, fig.13Panopaea Agnewi (T. Woods), Johnston, 1888, pl.29, fig.3

Z.190

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

PECTUNCULUS CAINOZOICA (T. Woods), 1877, Johnston, 1888; Tate,

1886; see CUCULLAEA CAINOZOICA T. Woods, 1877;

GLYCYMERIS CAINOZOICA Chapman and Singleton, 1925

SOLECURTUS LEGRANDI T. Woods, 1876; Johnston, 1888

Solecurtus Legrandi T. Woods, 1876, p.25, fig.14

Solecurtus Legrandi T. Woods, Johnston, 1888, pl.23, fig.18

Z.176

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

GASTROPODA

ACTAEON SCROBRICULATUS T. Woods, 1877

Actaeon scrobriculatus T. Woods, 1877 (1876), p.102

Z.211 (B.47)

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

ASTRALIUM (CALCAR) ORNATISSIMUM T. Woods, 1877

Astraliium (Calcar) ornatissimum T. Woods, 1887 (1876), p.96

Z.194 (B43)

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

CASSIS SUFFLATUS T. Woods, 1877

Cassis sufflatus T. Woods, 1877 (1876), p.94

Z.201

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

COMINELLA CANCELLATA T. Woods, 1877

Cominella cancellata T. Woods, 1877 (1876), p.107

Z.192 (B.30) ?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

COMINELLA LYRAECOSTATA T. Woods, 1877. See PHOS LIRAECOSTATUS
(T. Woods), Tate 1888Cominella lyraecostatus T. Woods, 1887 (1876), p.108Phos liraecostatus (T. Woods), Tate, 1888, p.167, pl.11,
fig.12

Z.203 (B.39) ?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

CREPIDULA HAINSWORTHII Johnston, 1885e; 1888

Crepidula hainsworthii Johnston, 1885e, p.33, figs. a - cCrepidula hainsworthii Johnston, Johnston, 1888, pl.32,
figs. 13, 13a, b

Z.165 Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

CREPIDULA UMBILICATA Johnston, 1885e; 1888, Tate, 1893

Crepidula umbilicata Johnston 1885e, p.232Crepidula umbilicata Johnston, Johnston, 1888, pl.32,
figs. 10, 10aCrepidula umbilicata Johnston, Tate, 1893, p.333

Z.170 Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

CRYPTOLITES sp. Kobayashi, 1940

Cryptolites sp., Kobayashi, 1940a, p.68, pl.12, fig.22

Z.141a

Figured specimen

Caroline Creek near Latrobe, Mersey River District,

Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

DAPHNELLA GRACILLIMA T. Woods, 1877

Daphnella gracillima T. Woods, 1877, p.106

Z.207

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

FUSUS JOHNSTONI T. Woods, 1877; Tate, 1888; Johnston, 1888

Fusus Johnstoni T. Woods, 1877, p.94Fusus Johnstoni T. Woods, Tate 1888, p.136, pl.12, figs.

4a, b

Fusus Johnstoni T. Woods, Johnston, 1888, pl.29, fig.9

Z.173

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

FUSUS TRANSENNA T. Woods, 1877. See PERISTERIA TRANSENNA (T.Woods),

Tate, 1888

Fusus transenna T. Woods, 1877, p.94Peristernia transenna (T. Woods), Tate, 1888, p.157, pl.11,

fig.10

Z.172

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

GIBBULA CRASSIGRANOSA T. Woods, 1877

Gibbula crassigranosa T. Woods, 1887, p.98

Z. 185 (B.24) ?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

HAURAKIA CRASSICOSTA May, 1922

Haurakia crassicosta May 1922, p.11, pl.4, fig.6

Z.158 Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

IMPERATOR HUDSONIANA Johnston MS. 1888

Imperator hudsoniana Johnston MS. 1888, pl.29, figs.
12, 12a

Z.167 Figured specimen

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

LECANOSPIRA TASMANENSIS Kobayashi, 1940

Lecanospira tasmanensis Kobayashi, 1940, p.63, pl.11,
fig.11

Z.152 Holotype

2 miles W. of Junea Railway Stn., in western of two rail-
way cuttings, Florentine Valley Mudstone

Lr. Ordovician

Tas. Mus.

MACLURITES FLORENTINENSIS Banks and Johnson, 1957

Maclurites florentinensis Banks and Johnson, 1957, p.653,
pl.74, figs. 1, 2, 4, 5, 10

UT.21718

Holotype

Benjamin, Florentine Valley near Maydena, Gordon Limestone

UT.25707, 25708, 25033 Paratypes

Cashions Creek, Florentine Valley near Maydena, Gordon
Limestone

Ordovician

Tas. Mus.

MACLURITES sp. Banks and Johnson, 1957

Maclurites sp. Banks and Johnson, 1957, p.639, pl.74,
figs.6, 8, 9

UT.26911, 25311, 25910 Figured specimens

Goliath Cement Co. Quarry, Railton, Gordon Limestone
Ordovician

Tas. Mus.

MARGINELLA ALTISPIRA May, 1922

Marginella altispira May, 1922, p.9, pl.4, fig.1

Z.162

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

MARGINELLA ATKINSONI May, 1922

Marginella atkinsoni May 1922, p.9, pl.4, fig.2

Z.159

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

MARGINELLA CORPULENTA May, 1922

Marginella corpulenta May 1922, p.9, pl.4, fig.2

Z.160

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

MARGINELLA SUBQUINQUIDENS May, 1922

Marginella subquiquidens May, 1922, p.10, pl.4, fig.3

Z.161

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

NATICA POLITA T. Woods, 1876

Natica polita T. Woods, 1876, p.23, fig.4

Z.206 (B.45)

?Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

PERISTERIA TRANSENNA (T. Woods), 1887; Tate, 1888. See FUSUS

TRANSENNA T. Woods, 1877

PHOS LIRAECOSTATUS (T. Woods) 1877; Tate, 1888. See COMINELLA

LYRAECOSTATA T. Woods, 1877

PILEOPSIS NAVICELLOIDES Johnston, 1880

Pileopsis navicelloides Johnston, 1880, p.39

Z.166

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

RISSOINA JOHNSTONI T. Woods, 1877

Rissoina johnstoni T. Woods, 1877, p.101

Z.180 ?Holotype (not figured)

Fossil Bluff Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

SCALITES SALTERI Johnston MS. 1888

Scalites salteri Johnston MS. 1888, pl. 5, fig.2

B.852 Figured specimen

Gordon River, Gordon Limestone

Ordovician

Tas. Mus.

TEREBRA ADDITOIDES T. Woods, 1877; Tate, 1888

Terebra additoides T. Woods, 1877 (1876), p.95

Terebra additoides T. Woods, Tate, 1888, p.163,

Z.179 (B.52) ?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

THALOTIA ALTERNATA T. Woods, 1877

Thalotia alternata T. Woods, 1877, p.97

Z.168 ?Holotype (holotype not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TRITON ABBOTTI T. Woods, 1875; Tate, 1888; Johnston, 1888

Triton Abbottii T. Woods, 1875, p.24, pl.1, fig.8

Triton Abbotti T. Woods, Tate, 1888, p.117

Triton Abbotti T. Woods, Johnston, 1888, pl.29, fig.13

Z.188 (B.22)

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TRITON MINIMUM T. Woods, 1877

Triton minimum T. Woods, 1877, p.107

Z.189 (B.41)

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TURBO ETHERIDGEI T. Woods, 1877

Turbo etheridgei T. Woods, 1877, p.98

Z.202

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TURBONILLA LIRAECOSTATA T. Woods, 1877

Turbonilla liraecostata T. Woods, 1877, p.101

Z.210

?Holotype (not figured)

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TURRIS CONSPICUA May, 1922

Turris conspicua May 1922, p.11, pl.4, fig.7

Z.157

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

TYPHIS MCCOYI T. Woods, 1875; Tate, 1888; Johnston, 1888

Typhis McCoyi T. Woods, 1875, p.22, pl.1, fig.5Typhis McCoyi T. Woods, Tate, 1888, p.91Typhis McCoyi T. Woods, Johnston, 1888, pl.29, fig.11

Z.196 (B.40)

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

VOLUTA PELLITA Johnston, 1880; 1888

Voluta pellita Johnston, 1880, p.36Voluta pellita Johnston, Johnston, 1888, p.30., fig.2

Z.156

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

VOLUTA STEPHENSI Johnston, 1880; 1888; Tate, 1889

Voluta stephensi Johnston, 1880, p.35Voluta stephensi Johnston, 1888, pl.30, fig.1

Z.183

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

VOLUTA STOLIDA Johnston, 1880; 1888

Voluta stolida Johnston, 1880, p.36Voluta stolida Johnston, Johnston, 1888, pl.30, figs.

4, 4a

Z.186

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

VOLUTA TATEANA Johnston, 1880; 1888

Voluta tateana Johnston, 1880, p.37Voluta tateana Johnston, Johnston, 1888, pl.30, figs.3, 3a

Z.187

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

VOLUTA WELDII T. Woods, 1876; Johnston, 1888, Tate, 1889

Voluta weldii T. Woods, 1876, p.24, pl.1, fig.2Voluta weldii T. Woods, Johnston, 1888, pl.30, figs.6, 6bVoluta weldii T. Woods, Tate, 1889, p.134

Z.191 (B.53)

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Tas. Mus.

Bellerophontids, other gasteropoda, Girvanella and Sponges, Banks
and Johnson, 1957Bellerophontids, other gasteropoda, Girvanella and Sponges,
Banks and Johnson, 1957, pl.74, fig.7

UT.26912

Figured specimen

Florentine Valley near Maydena, Gordon Limestone

Ordovician

Tas. Mus.

CEPHALOPODA

ALLOCOTOCERAS INSIGNE Teichert and Glenister, 1953

Allocotoceras insigne Teichert and Glenister, 1953, p.16,
pl.1, figs. 3-5

UT.21181 Holotype
Adamsfield, Gordon Limestone
Lower Ordovician
Tas. Mus.

ANASPYROCERAS sp. Teichert and Glenister, 1953

Anaspyroceras sp., Teichert and Glenister, 1953, p.35, pl.3,
figs. 5, 6

Z.249 (B.850) Figured specimen
Gordon River, exact locality unknown, Gordon Limestone
Ordovician or Silurian
Tas. Mus.

EPHIPPIORTHOCERAS DECORUM Teichert and Glenister, 1953

Aphippiorthoceras decorum Teichert and Glenister, 1953,
p.40, pl.3, figs. 7-9; pl.4, fig.9

Z.246 (B.804) Holotype
Gordon River, exact locality unknown, Gordon Limestone
Ordovician or Silurian
Tas. Mus.

GASCONSOCERAS? INSPERATUM Teichert and Glenister, 1953

Gasconsoceras? insperatum Teichert and Glenister, 1953,
p.48, pl.6, figs. 1-4

Z.245 (B.775) Holotype
Gordon River, exact locality unknown, Gordon Limestone
Ordovician or Silurian
Tas. Mus.

GORDONOCERAS BONDI Teichert and Glenister, 1953

Gordonoceras bondi Teichert and Glenister, 1953, p.39,
pl.4, figs. 1-3, text fig. 20

Z.245 (B.805) Holotype

Gordon River, exact locality unknown, Gordon Limestone
Ordovician or Silurian

Tas. Mus.

HECATOCERAS LONGINQUUM Teichert and Glenister, 1952, 1953

Hecatoceras longinquum Teichert and Glenister, 1952,
p.740, pl.104, fig.10; pl.105, fig.7

Hecatoceras longinquum Teichert and Glenister, 1953, p.43,
pl.6 (19), fig.11, text fig. 38

UT.20826 Holotype

Mystery Creek Quarry, Ida Bay, Gordon Limestone
Ordovician

Tas. Mus.

MANCHUROCERAS STEANEI Teichert, 1947; Teichert and Glenister, 1953

Manchuroceras steanei Teichert, 1947, p.426, pl.57,
figs. 6-8, 12

Manchuroceras steanei Teichert, Teichert and Glenister, 1953,
p.13, pl.1, figs. 1, 2

UT.59335 Holotype

UT.59336 Paratype

UT.20514 Hypotype

Adams Creek, about 1 mile E. of Adamsfield, Gordon Limestone
Lower Ordovician

Tas. Mus. (Holotype and Paratype on loan Univ. Tas. Geol.Dept.
from Geol.Surv.Tas.)

MANCHUROCERAS EXCAVATUM Teichert, 1947

Manchuroceras excavatum Teichert, 1947, p.427, pl.58,
figs. 1-3

UT.59337

Holotype

Adams Creek, about 1 mile W. of Adamsfield, Gordon Limestone
Lower Ordovician
Tas. Mus. (on loan to Univ.Tas. Geol.Dept. from Geol.Surv.
Tas.)

MYSTERIOCERAS AUSTRALE Teichert and Glenister, 1953

Mysterioceras australe Teichert and Glenister, 1953,
p.34, pl.3, figs. 10, 11, text fig. 2A

UT.20883a

Holotype

UT.20883b

Paratype (section)

Mystery Creek Caves, Ida Bay, Gordon Limestone
Ordovician
Tas. Mus.

NYBYOCERAS MULTICUBICULATUM Teichert and Glenister, 1953

Nybyoceras multicubiculatum Teichert and Glenister, 1953,
p.20, pl.2, figs. 1-3

QVM. 9

Holotype

QVM.10

Paratype

Blenkhorn's Limestone Quarry, Railton, Gordon Limestone
Ordovician
Queen Vict. Mus.

NYBYOCERAS PAUCICUBICULATUM Teichert and Glenister, 1953

Nybyoceras paucicubiculatum Teichert and Glenister, 1953,
p.19, pl.1, figs. 6, 7, 9

QVM.11

Holotype

QVM.12

Paratype

Blenkhorn's Limestone Quarry, Railton, Gordon Limestone
Ordovician
Queen Vict. Mus.

ORMOCERAS JOHNSTONI Teichert and Glenister, 1953

Ormoceras johnstoni Teichert and Glenister, 1953, p.27, pl.1,
fig.8; pl.2, fig.5

QVM.8 Holotype

King Extended Hill, Zeehan,

Upper Ordovician

Queen Vict. Mus.

ORTHONYBYOCERAS TASMANIENSE Teichert and Glenister, 1953

Orthonybyoceras tasmaniense Teichert and Glenister, 1953,
p.20, pl.2, figs. 1-3

UT.21146 Holotype

Junee Caves, Maydena, Gordon Limestone

Ordovician

Tas. Mus.

PILOCERAS TASMANIENSE Teichert, 1947

Piloceras tasmaniense Teichert, 1947, p.423, pl.58, figs. 9-11

UT.59338 Holotype

Adams Creek, 1 mile W. of Adamsfield, Gordon Limestone

Lower Ordovician

Tas. Mus.

STROMATOCERAS EXIMIUM Teichert and Glenister, 1953

Stromatoceras eximium Teichert and Glenister, 1953,
p.37, pl.5, figs. 1-3, text fig. 2B

Z.244 (B.774) Holotype

Gordon River, exact locality unknown, ?Gordon Limestone

Ordovician or Silurian

Tas. Mus.

SUECOCERAS ROBUSTUM Teichert, 1947

Suecoceras robustum Teichert, 1947, p.422, pl.58,

figs. 4, 5

UT.59339

Holotype

Adams Creek, about 1 mile W. of Adamsfield, Gordon

Limestone

Lower Ordovician

Tas. Mus.

TASMANOCERAS ZEEHANENSIS Teichert and Glenister, 1952, 1953

Tasmanoceras zeehanensis Teichert and Glenister, 1952,

p.739, pl.104, figs. 3-9

Tasmanoceras zeehanensis Teichert and Glenister, 1953, p.16,

pl.4, figs. 4, 5

Z.248 (B.845)

Hypotype

Gordon River, exact locality unknown, ?Gordon Limestone

Ordovician or Silurian

Tas. Mus.

TROCHOLITOCERAS IDAENSE Teichert and Glenister, 1953

Trocholitoceras idaense, Teichert and Glenister, 1953,

p.47, pl.5, figs. 4-6

UT.20883

Holotype

Mystery Creek Caves, Ida Bay, Gordon Limestone

Ordovician

Tas. Mus.

UTCERAS sp. Teichert, 1947

Utoceras sp. Teichert, 1947, p.427, pl.58, figs. 13-15

UT.59340

Figured specimen

Adams Creek, about 1 mile W. of Adamsfield, Gordon Limestone

Lower Ordovician

Tas. Mus.

TRILOBITA

ASAPHOPSIS GRACICOSTATUS Kobayashi, 1940

Asaphopsis gracicostatus Kobayashi, 1940, p.65, pl.1,
fig. 10

Z.138

Holotype

2 miles W. of Junee railway Stn. in western of two
cuttings, Florentine Valley Mudstone

Lower Ordovician

Tas. Mus.

ASAPHOPSIS JUNEENSIS Kobayashi, 1940

Asaphopsis juneensis Kobayashi, 1940, p.64, pl.11, figs. 6-9

Z.137

Holotype

Z.135, Z.136, Z.139

Paratypes

2 miles W. of Junee Railway Stn., in western of two
cuttings, Florentine Valley Mudstone

Lower Ordovician

Tas. Mus.

ASAPHELLUS LEWISI Kobayashi, 1940a

Asaphellus lewisi Kobayashi, 1940a, p.74, pl.12, figs. 10,
16, 19

Z.133

Holotype

Z.134

Paratype

Caroline Creek, near Latrobe, Mersey River district,
Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

?ASAPHELLUS LEWISI Kobayashi, 1940aAsaphus sp., Etheridge, 1883, p.156, pl.1, fig.6?Asaphellus lewisi Kobayashi, 1940a, p.74, pl.12, figs.17(?),

18

Z.132

Figured specimen

Caroline Creek, near Latrobe, Mersey River district,

Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

CAROLINITES BULBOSA Kobayashi, 1940aCarolinites bulbosa Kobayashi, 1940a, p.70, pl.12, figs.6, 7

Z.141

Holotype

Caroline Creek, near Latrobe, Mersey River District,

Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

CAROLINITES QUADRATA Kobayashi, 1940 aCarolinites quadrata Kobayashi, 1940a, p.70, pl.12,
figs. 8, 9

Z.142

Holotype

Caroline Creek, near Latrobe, Mersey River District,

Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

ETHERIDGASPIS CAROLINENSIS (Etheridge Jnr.) 1919; Kobayashi, 1940aConcephalites sp. Etheridge Jnr. 1883, p.156, 162, p.1,
figs. 8, 9Ptychoparia (?) carolinensis Etheridge Jnr. 1919, p.361Etheridgaspis carolinensis (Etheridge Jnr.) Kobayashi, 1940a,
p.71, pl.12, figs. 10, 11

Z.144, Z.145

Hypotypes

ETHERIDGASPIS CAROLINENSIS (Contd.)

Caroline Creek near Latrobe, Mersey River District,

Caroline Creek Sandstone

Lower Ordovician

Tas. Mus.

ETHERIDGASPIS JOHNSTONI (Etheridge Jnr.) 1883, Kobayashi, 1940a

Loganella (?) or Conocephalus (?) Etheridge Jnr. 1883, p.157,

162, pl.1, fig.10

Ptychoparia (?) johnstoni Etheridge Jnr., Etheridge Jnr.,

1919, p.392

Etheridgaspis johnstoni (Etheridge Jnr.), Kobayashi, 1940a,

p.72, pl.12, figs. 12-14

Z.143, Z.146

Hypotypes

Caroline Creek near Latrobe, Mersey River District, Caroline

Creek Sandstone

Lower Ordovician

Tas. Mus.

ORUSIA? sp. Kobayashi, 1940

Orusia? sp. Kobayashi, 1940, p.61, pl.9, figs, 1, 2

Z.154

Figured specimen

2 miles W. of Junee in western of two railway cuttings,

Florentine Valley Mudstone

Ordovician

Tas. Mus.

PROSOPISCUS (?) SUBQUADRATUS Kobayashi 1940a

Prosopiscus (?) subquadratus Kobayashi 1940a, p.70,

pl.12, fig.5

Z.147

Holotype

Caroline Creek near Latrobe, Mersey River District, Caroline

Creek Sandstone

Lower Ordovician

Tas. Mus.

TASMANASPIS LEWISI Kobayashi, 1940

Tasmanaspis lewisi Kobayashi 1940, p.65, pl.11, figs. 3, 4

Z.151

Holotype

2 miles W. of Junee Railway Stn., in western of two railway
cuttings, Florentine Valley Mudstone

Lower Ordovician

Tas. Mus.

TASMANASPIS LONGUS Kobayashi, 1940

Tasmanaspis longus Kobayashi, 1940, p.66, pl.11, fig.5

Z.150

Holotype

2 miles W. of Junee Railway Stn., in western of two railway
cuttings, Florentine Valley Mudstone

Lower Ordovician

Tas. Mus.

TASMANOCEPHALUS STEPHENSI (Etheridge Jnr.) 1883; Kobayashi, 1940a

Conocephalites (?) stephensi Etheridge, 1883, p.153,

pl.1, figs. 1-3

Conocephalus stephensi (Etheridge) Johnston, 1888, pl.1,

figs. 3, 4, 14

Tasmanocephalus stephensi (Etheridge Jnr.), Kobayashi, 1940a,

p.69, p.12, figs. 1-4

Z.147, Z.148, Z.149

Hypotypes

Caroline Creek near Latrobe, Mersey River District, Caroline
Creek

Sandstone

Lower Ordovician

Tas. Mus.

ARTHROPODA

"TASMANADIA TWELVETREESI Chapman", 1928; Glaessner, 1957

Tasmanadia twelvetreesi Chapman, 1928, p.5, pl.1

"Tasmanadia twelvetreesi Chapman", Glaessner, 1957, p.103,
pl.11, fig.4

UT.59257

Holotype

Kirkup's Quarry, Arthur River

Cambrian

Tas. Mus. (on loan to Univ. Tas.Geol.Dept. from Geol.
Surv.Tas.)

Note: Chapman (1928) attributed these markings to Worms. Glaessner
(1957) considers them to be referable to arthropod trails.

INSECTA

TRIASSOBLATTA TASHANICA Reik, 1962

Triassoblatta tasmanica Reik, 1962, p.39, fig.1

UT.55138, 55136

Holotype (counterparts)

Hobart Brick Co. Quarry, Forster and Giblin Streets,

New Town, New Town Coal Measures

Triassic

Univ. Geol. Dept.

SCYTINOPTERIDAE gen. et sp. indet. Reik, 1962

Scytinopteridae gen. et sp. indet. Reik, 1962, p.40, fig.2

UT.55140

Figured specimen

Hobart Brick Co. Quarry, Forster and Giblin Streets, New

Town, New Town Coal Measures

Triassic

Univ. Geol. Dept.

PISCES

ACROLEPIS? HAMILTONI Johnston and Morton, 1890

Acrolepis? Hamiltoni Johnston and Morton, 1890, p.102,
figs. 1,2

TM.2612

Holotype

Knocklofty, Hobart

Triassic

Tas. Mus.

ACROLEPIS TASMANICUS Johnston and Morton, 1891

Acrolepis tasmanicus Johnston and Morton, 1891, p.152

B.930, B.931

?Holotype (counterparts), (not figured)

Tinderbox Bay

Triassic

Tas. Mus.

CETACEA

PROSQUALODON DAVIDI Flynn, 1932

Squalodon remains, Flynn, 1920, p.406, text figs. 12

Prosqualodon davidi Flynn, 1932, p.328

No number

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lr. Miocene

Zoology Dept. Univ. Tas.

SCAPTODON LODDERI Chapman, 1918

Scaptodon lodderi Chapman, 1918, p.150, pl.27, figs. 1-3

QVM.1

Holotype

"Found washed up at Ulverston, N.W. Tas., after heavy gale"

?Miocene

Queen Vict. Mus.

Remains of ?Ziphioid Whale, Scott, 1914

Remains of ?Ziphioid Whale, Scott, 1914, p.167,
pls. 21, 22

QVM. 63 (pl.21), QVM (pl.22), Figured specimens

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Queen Vict. Mus.

MARSUPALIA

WYNYARDIA BASSIANA Spencer, 1900; Jones, 1931

Wynyardia bassiana Spencer, 1900, p.778, pl.49, figs. 1-4;
pl.50, figs. 5-11

Wynyardia bassiana Spencer, Jones, 1931, p.96, pl.5, figs.A,B;
text figs. 1, 3, 5, 6, 7A, 9A, 10A

Wynyardia bassiana Spencer, Gill, 1954, p.69

Z.237

Holotype

Fossil Bluff, Wynyard, Table Cape Beds

Oligocene or Lower Miocene

Tas. Mus.

The following fossil described by Johnston (1885), as a
plant is regarded by M.R. Banks as the jaw of an Amphibian

LEPIDOSTROBUS MUELERI Johnston, 1885

Lepidostrobis Muelleri Johnston 1885, p.225, fig.1

B.1361

Holotype

Campania

Triassic

Tas. Mus.

The following specimen described by Scott (1931), as a
plant, is now regarded as a limonitic concretion

CYCADITES DOWLINGI Scott, 1931

Cycadites dowlingi Scott 1931, p.90, pl.1, figs. 1,2;
pl.2, figs. 3,4; pl.3, figs. 5, 6

Queen Vict. Mus.

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