

CATALOGUE OF MIDDLE PALAEOZOIC TYPES AND FIGURED SPECIMENS IN THE NATIONAL MUSEUM OF VICTORIA. PART 1.

*By Edmund D. Gill, Curator of Fossils, assisted
by Mrs. E. M. Davies and J. J. Jenkin.*

The first part of a catalogue of types and figured specimens (Quaternary) has already been published (Gill 1953), with a statement of the principles on which fossils are numbered and registered in this institution. Plants, brachiopods and trilobites are covered in the present list. It was purposed originally to re-figure specimens needing this attention, but so many require modern illustration and re-description that it was found necessary at this stage only to list them. However, a few notes are provided on classification, and where the determination given in the literature is believed to be doubtful, the name has been placed in inverted commas.

1. PLANTAE.

Archaeopteris howittii McCoy. P 1316

Upper Devonian.

P 1318

Iguana Creek, Mitchell River, Gippsland, Victoria.

Syntype (P 1316; counterpart P 1318).

McCoy, F., 1876. *Prod. Pal. Vict.* 4: 21, pl. 36, figs. 1-2a.

Axis with laterally placed branch. P 15219

Silurian.

Quarry on N. side of Warburton-Woods Point road, about 17 miles from the latter township. Also called "Yarra Track" and "19 mile quarry" because it is 19 miles from McVeigh's, a village now under the Upper Yarra dam, Victoria. Harris and Thomas (1937) call this site the "18½ mile quarry", while Lang and Cookson (1935) describe it as being 17 miles from Woods Point. This locality is referred to in further references in this list as Woods Point Road, Victoria.

Figured specimen.

Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc.*

Lond. B.224: 421-449, pl. 32, fig. 46.

Baragwanathia longifolia Lang and Cookson. P 15205

Silurian.

Woods Point Road, Victoria.

Syntype counterpart (the type was left with Prof. W. H. Lang of Manchester).

Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc.*

Lond. B.224: 421-449, pl. 29, fig. 2.

- Baragwanathia longifolia* Lang and Cookson. P 15206
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 29, fig. 3.
- Baragwanathia longifolia* Lang and Cookson. P 15207
Silurian.
Woods Point Road, Victoria (recorded in error as from Killingworth Road, Victoria).
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 29, fig. 5.
- Baragwanathia longifolia* Lang and Cookson. P 15208
Silurian.
Locality 4-5, Alexandra, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 29, fig. 10.
- Baragwanathia longifolia* Lang and Cookson. P 15209
Silurian.
Woods Point Road, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, fig. 12.
- Baragwanathia longifolia* Lang and Cookson. P 15210
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, fig. 14.
- Baragwanathia longifolia* Lang and Cookson. P 15211
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, fig. 15.
- Baragwanathia longifolia* Lang and Cookson. P 15212
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, fig. 16.
- Baragwanathia longifolia* Lang and Cookson. P 15213
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-429, pl. 30, figs. 17-18.

- Baragwanathia longifolia* Lang and Cookson. P 15214
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, figs. 20-22.
- Baragwanathia longifolia* Lang and Cookson. P 15215
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, figs. 23-24, pl. 31, fig. 25.
- Baragwanathia longifolia* Lang and Cookson. P 15216
Silurian.
Killingworth Road, Yea, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 31, fig. 27.
- Baragwanathia longifolia* Lang and Cookson. P 15129
Silurian.
Woods Point Road, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-429, pl. 29, fig. 1.
- Baragwanathia longifolia* Lang and Cookson. P 15226
Silurian.
Woods Point Road, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 29, fig. 6.
Walton, J., 1953. An introduction to the study of fossil plants, London. fig. 4B.
- Baragwanathia longifolia* Lang and Cookson. P 15227
Silurian.
Woods Point Road, Victoria.
Syntype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 30, fig. 11.
Walton, J., 1953. An introduction to the study of fossil plants, London. fig. 4A.
- Baragwanathia longifolia* Lang and Cookson, with *Monograptus*. P 15220
Silurian.
Woods Point Road, Victoria.
Hypotype.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 32, fig. 51.

- Baragwanathia longifolia* Lang and Cookson. P 15172
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 37.
- cf. Baragwanathia longifolia* Lang and Cookson. P 15173-4
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (P 15173; counterpart P 15174).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 38.
- cf. Baragwanathia longifolia* Lang and Cookson. P 15175
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 39.
- Baragwanathia* with *Monograptus*. P 15221-2
Silurian.
Locality 9, Alexandra, Victoria.
Figured specimen (P 15221; counterpart P 15222).
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc.*
Lond. B.224: 421-449, pl. 32, fig. 52.
- Baragwanathia* with *Monograptus*. P 15223-4
Silurian.
Locality 9, Alexandra, Victoria.
Figured specimen (P 15223; counterpart P 15224).
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc.*
Lond. B.224: 421-449, pl. 32, fig. 53.
- Branch system*. P 15169
Silurian.
Hall's Flat Road, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 22.
- Branched stem*. P 15183-4
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (P 15183; counterpart P 15184).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 45.
- Branched axis showing base of third branch*. P 15247
Lower Devonian.
Warburton-Woods Point Road, near Yankee Jim Creek,
Reefton, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 6,
fig. 26.

- Bythotrephix divaricata* Kidston". P 12883
Lower Devonian.
Centennial Mine (Vale's Adit), Walhalla, Victoria.
Hypotype.
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 231-233, pl. 38,
fig. 1.
- Bythotrephix tenuis* Hall. P 2979
Silurian (Melbournian).
Botanical Gardens, Melbourne, Victoria.
Hypotype.
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 15: 104-5, pl. 16,
fig. 1.
- Coiled stem tip.* P 15170
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 19.
- Confervites acicularis* Göppert. P 12884
Silurian.
Centennial Mine (Vale's Adit) Walhalla, Victoria.
Hypotype.
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 224-233, pl. 38,
fig. 2.
- Cordaites australis* McCoy. P 1309
Upper Devonian. P 1307
Iguana Creek, Mitchell River, Gippsland, Victoria.
Syntype (P 1309; counterpart P 1307).
McCoy, F., 1876. *Prod. Pal. Vict.* 4: 22-3, pl. 36, fig. 7
(figure reversed).
- Cordaites australis* McCoy. P 1310
Upper Devonian. P 1308
Iguana Creek, Mitchell River, Gippsland, Victoria.
Syntype (P 1310; counterpart P 1308).
McCoy, F., 1876. *Prod. Pal. Vict.* 4: 22-3, pl. 36, fig. 6
(figure reversed).
- Curved stem showing spines.* P 15178-9
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (P 15178; counterpart P 15179).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 41.
- Dichotomous axis.* P 15218
Silurian.
Killingworth Road, Yea, Victoria.
Figured specimen.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc.*
Lond. B.224: 421-449, pl. 32, fig. 47.

- Encrustation showing two connected axes.* P 15168
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 21.
- Epidermal pattern on encrustation.* P 15176-7
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 40.
- Fructification, incertae sedis.* P 15146
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 36.
- Girvanella conferta* Chapman. P 12832
Lower Devonian.
Tyers River, Gippsland, Victoria.
Tectoholotype (slide from large pellet).
Chapman, F., 1907. *Rec. Geol. Surv. Vict.* 2: 74-5, pl. 6,
figs. 13-14.
Chapman, F., 1908. *Rept. A.A.N.S. Adelaide Mtg.* 1907, 11:
377-386, pl. 2, figs. 3-4.
- Girvanella? pisolitica* Weathered. P 12830
Lower Devonian.
Tyers River, Gippsland, Victoria.
Figured specimen (slide showing initial stages).
Chapman, F., 1907. *Rec. Geol. Surv. Vict.* 2: 75, pl. 5, fig. 10.
Chapman, F., 1908. *Rept. A.A.N.S. Adelaide Mtg.* 1907, 11:
377-386, pl. 1, figs. 1-6.
- Girvanella wetheredii* Chapman. P 12831
Lower Devonian.
Tyers River, Gippsland, Victoria.
Tectohypotype (slide from small pellet).
Chapman, F., 1907. *Rec. Geol. Surv. Vict.* 2: 75, pl. 5, figs.
11-12.
Chapman, F., 1908. *Rept. A.A.N.S. Adelaide Mtg.* 1907, 11:
377-386, pl. 2, figs. 1-2.
- "*Haliserites dechenianus* Göppert". P 12878
Silurian.
Near Northern Boundary, Thomson River, Victoria.
Hypotype (Ovate? leaves; counterpart P 12879).
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 231-233, pl. 37,
fig. 1.

- "*Haliserites dechenianus* Göppert". P 12879
Silurian.
Near Northern Boundary, Thomson River, Victoria.
Hypotype (circinate termination; counterpart P 12878).
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 231-233, pl. 37,
fig. 2.
- "*Haliserites dechenianus* Göppert". P 12880
Lower Devonian.
Centennial Mine, Walhalla, Victoria.
Hypotype (stem with ? sporangiophore and leaves).
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 231-233, pl. 37,
fig. 3.
- "*Haliserites dechenianus* Göppert". P 12881
Lower Devonian.
West of Thomson River, Gippsland, Victoria.
Hypotype (stem and leaves).
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 231-233, pl. 37,
figs. 4-5.
- Hedeia corymbosa* Cookson. P 15130
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Syntype.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, figs. 27-28.
- Hedeia corymbosa* Cookson. P 15139
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Syntype.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, figs. 29-30.
- Hedeia corymbosa* Cookson. P 15140-1
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Syntype (P 15140; counterpart P 15141).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, figs. 25-26.
- Hedeia corymbosa* Cookson. P 15142-3
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Syntype (P 15142; counterpart P 15143).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 31.
- Hedeia* cf. *corymbosa* Cookson. P 14658-9
Lower Devonian.
Syme's Homestead, Killara, Victoria.
Figured specimen (P 14659; counterpart P 14658).
Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5,
fig. 17.

- Hedeia* cf. *corymbosa* Cookson. P 14661-2, 14664
 Lower Devonian.
 Corner of Main Street and Albert Hill Road, Lilydale, Victoria.
 Figured specimens (branch system P 14661-2; counterpart P 14664).
 Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 4, figs. 10-11.
- Hedeia* cf. *corymbosa*. P 14663 P 14660
 Lower Devonian.
 Corner of Main Street and Albert Hill Road, Lilydale, Victoria.
 Figured specimen (P 14663; counterpart P 14660).
 Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5, fig. 16.
- Hedeia* cf. *corymbosa* Cookson. P 15237
 Lower Devonian.
 Hull Road, Lilydale, Victoria.
 Figured specimen.
 Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 4, fig. 9.
- Hedeia* cf. *corymbosa* Cookson. P 15238-9
 Lower Devonian.
 Albert Hill Road, Lilydale, Victoria.
 Figured specimen (P 15239; counterpart P 15238).
 Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5, fig. 15.
- cf. *Hostimella* sp. P 15163
 Silurian.
 Mt. Pleasant, Alexandra, Victoria.
 Figured specimen.
 Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 16.
- cf. *Hostimella* sp. P 15164-5
 Silurian.
 Mt. Pleasant, Alexandra, Victoria.
 Figured specimen (P 15164; counterpart P 15165).
 Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 17.
- cf. *Hostimella* sp. P 15166
 Silurian.
 Mt. Pleasant, Alexandra, Victoria.
 Figured specimen.
 Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 18.
- Hostimella* sp. P 15185
 Lower Devonian.
 North Road Quarry, Walhalla, Victoria.
 Counterpart (in sandstone with plant remains).
 Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219: 133-165, pl. 11, fig. 1.

- Hostimella* sp. P 15187
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen (smooth axis showing two lateral branches).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 3.
- Hostimella* sp. P 15188
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen (axis with one branch).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 4.
- Hostimella* sp. P 15189
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen (axis with one branch).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 5.
- Hostimella* sp. P 15190
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen (branched axis).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 7.
- Hostimella* sp. P 15191
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen (branched axis).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 8.
- Hostimella* sp. P 15192
Lower Devonian.
Knott, Narracan Shire, Victoria.
Figured specimen (branched axis).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 9.
- Pachytheca* sp. P 15225
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, figs. 1-2.
- Palaeachlya* cf. *tortuosa* Etheridge. P 12331
Silurian.
Flemington, Victoria.
Figured specimen (on same slide as P 12329).
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 179-186, pl. 45,
fig. 6.

- Pinnately branched axis.* P 15245
Lower Devonian.
Warburton-Woods Point Road, near Yankee Jim Creek,
Reefton, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 6,
fig. 24.
- Pinnately branched smooth axis.* P 15167
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 20.
- "Psilophyton" sp.* P 13750
Silurian.
"Quarry 18 miles E. of McVeigh's", Victoria.
Figured specimen.
Kebble, R. A., 1933. *Vict. Nat.* 49: 293-296, fig. 2.
- "Psilophyton" sp.* P 13753
Silurian.
"Quarry 18 miles E. of McVeigh's", Victoria.
Figured specimen.
Kebble, R. A., 1933. *Vict. Nat.* 49: 293-296, fig. 5.
- Reniform body with small concavities.* P 15153
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 8.
- Reticulate encrustation.* P 15201
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen.
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 13, fig. 40.
- Ribbed branched axis.* P 15186
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Figured specimen.
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc.*
Lond. B.219: 133-163, pl. 11, fig. 2.
- Ribbed stem.* P 15171
Silurian.
Hall's Flat Road, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 24.

- Shortly stalked tuberculate body.* P 15151
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (? sporangium).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 6.
- Slender axis with branch.* P 15217
Silurian.
Killingworth Road, Yea, Victoria.
Figured specimen.
Lang, W. H., and Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.224: 421-449, pl. 32, fig. 45.
- Small branch system.* P 15180
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 11, fig. 42.
- Smooth axis.* P 15202
Lower Devonian.
Woods Point, Victoria.
Figured specimen.
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219: 133-163, pl. 13, fig. 42.
- Smooth axis with smaller lateral branch.* P 15243
Lower Devonian.
Hull Road, Lilydale, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5, fig. 20.
- Smooth branched axis.* P 15240-1
Lower Devonian.
Hull Road, Lilydale, Victoria.
Figured specimen (P 15240; counterpart P 15241).
Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5, fig. 18.
- Smooth branched axis.* P 15242
Lower Devonian.
Hull Road, Lilydale, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Vict.* 16: 117-131, pl. 5, fig. 19.
- Specimen showing "H"-shaped branching.* P 15244
Lower Devonian.
Warburton-Woods Point Road, near Yankee Jim Creek, Reefton, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 6, fig. 23.

- Sphaerocodium gippslandicum* Chapman. P 13908-10
 Middle Devonian.
 Junction of Wombat Creek and Mitta Mitta River, N.E. Victoria.
 Holotype (P 13908-9 in limestone; P 13910 slide).
 Chapman, F., 1920. *Rec. Geol. Surv. Vict.* 4: 179-182, pl. 16, fig. 1.
- Sphenopteris (Eremopteris) iguanensis* McCoy. P 12267-9
 Upper Devonian.
 Iguana Creek, Gippsland, Victoria.
 Syntypes.
 McCoy, F., 1876. *Prod. Pal. Vict.* 4: 22, pl. 36, figs. 3-5A.
- Spherical tuberculate body.* P 15147-8
 Silurian.
 Mt. Pleasant, Alexandra, Victoria.
 Figured specimen (P 15147; counterpart P 15148).
 Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 3.
- Spherical tuberculate body.* P 15149-50
 Silurian.
 Mt. Pleasant, Alexandra, Victoria.
 Figured specimen (P 15149; counterpart P 15150).
 Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, figs. 4-5.
- Sporoganites chapmanii* Lang and Cookson. P 15193-4
 Lower Devonian.
 North Road Quarry, Walhalla, Victoria.
 Holotype (P 15193; counterpart P 15194).
 Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219, 133-163, pl. 11, figs. 10-12.
- Sporogonites chapmanii* forma *minor* Lang and Cookson. P 15195-6
 Lower Devonian.
 Stringer's Creek, Walhalla, Victoria.
 Holotype (P 15195; counterpart P 15196).
 Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219: 133-163, pl. 11, figs. 13-14.
- cf. *Sporogonites.* P 15228
 Lower Devonian.
 Hull Road, Lilydale, Victoria.
 Figured specimen.
 Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 4, fig. 1.
- cf. *Sporogonites.* P 15229-30
 Lower Devonian.
 Hull Road, Lilydale, Victoria.
 Figured specimen (P 15229; counterpart P 15230).
 Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 4, figs. 3, 2.

- Stem showing small concavities.* P 15246
Lower Devonian.
Warburton-Woods Point Road, near Yankee Jim Creek,
Reefton, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 6,
fig. 25.
- Stem with small elevations.* P 15181
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 43.
- Stem with larger elevations.* P 15182
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 44.
- Tuberculate reniform body.* P 15152
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (sporangium).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 10, fig. 7.
- Yarravia cf. oblonga* Lang and Cookson. P 15231-2
Lower Devonian.
Hull Road, Lilydale, Victoria.
Figured specimen (P 15231; counterpart P 15232).
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 4,
figs. 4-5.
- Yarravia cf. oblonga* Lang and Cookson. P 15233
Lower Devonian.
Hull Road, Lilydale, Victoria.
Figured specimen.
Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 4,
fig. 6.
- cf. Yarravia oblonga* Lang and Cookson. P 15137-8
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (P 15137; counterpart P 15138).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 34.
- cf. Yarravia oblonga* Lang and Cookson. P 15144-5
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Figured specimen (P 15144; counterpart P 15145).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225:
127-148, pl. 11, fig. 35.

- Zosterophyllum australianum* Lang and Cookson. P 15197-8
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Syntype (P 15197; counterpart P 15198).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219: 133-163, pl. 12, figs. 15-17.
- Zosterophyllum australianum* Lang and Cookson. P 15199-200
Lower Devonian.
North Road Quarry, Walhalla, Victoria.
Syntype (P 15200; counterpart P 15199).
Lang, W. H., and Cookson, I. C., 1930. *Phil. Trans. Roy. Soc. Lond.* B.219: 133-163, pl. 12, figs. 18-20.
- Zosterophyllum australianum* Lang and Cookson. P 15131-2
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Hypotype (P 15131; counterpart P 15132).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 12.
- Zosterophyllum australianum* Lang and Cookson. P 15154
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Hypotype.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 9.
- Zosterophyllum australianum* Lang and Cookson. P 15155-6
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Hypotype (P 15155; counterpart P 15156).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 10.
- Zosterophyllum australianum* Lang and Cookson. P 15157
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Hypotype.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 11.
- Zosterophyllum australianum* Lang and Cookson. P 15158-9
Silurian.
Hall's Flat Road, Alexandra, Victoria.
Hypotype (P 15158; counterpart P 15159).
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 13.
- Zosterophyllum australianum* Lang and Cookson. P 15160
Silurian.
Mt. Pleasant, Alexandra, Victoria.
Hypotype.
Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 14.

Zosterophyllum australianum Lang and Cookson. P 15161-2

Silurian.

Mt. Pleasant, Alexandra, Victoria.

Hypotype (P 15161; counterpart P 15162).

Cookson, I. C., 1935. *Phil. Trans. Roy. Soc. Lond.* B.225: 127-148, pl. 10, fig. 15.

Zosterophyllum australianum Lang and Cookson. P 15234-5

Lower Devonian.

Hull Road, Lilydale, Victoria.

Hypotype (P 15234; counterpart P 15235).

Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: pl. 4, fig. 7.

Zosterophyllum australianum Lang and Cookson. P 15236

Lower Devonian.

Hull Road, Lilydale, Victoria.

Hypotype.

Cookson, I. C., 1949. *Mem. Nat. Mus. Melb.* 16: 117-131, pl. 4, fig. 8.

2. BRACHIOPODA

Atrypa aspersa (Schlotheim) ". P 12413

Lower Devonian (Yeringian).

Loyola, via Mansfield, Victoria.

Hypotype (external mould of ventral valve).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 14.

Atrypa fimbriata Chapman. P 12415

Lower Devonian (Yeringian).

Near Lilydale, Victoria.

Holotype (steinkern of dorsal valve).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 15.

Atrypa reticularis (Linnaeus). P 12258

Lower Devonian (Yeringian).

Yering, Victoria.

Hypotype (both valves).

McCoy, F., 1877. *Prod. Pal. Vict.* 5: 25-26, pl. 47, figs. 1-1c (figures reversed). "*Spirigerina reticularis*".

Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.

Atrypa reticularis (Linnaeus). P 12259

Lower Devonian (Yeringian).

Yering, Victoria.

Hypotype (steinkern of ventral valve).

McCoy, F., 1877. *Prod. Pal. Vict.* 5: pl. 47, fig. 2 (figure reversed). "*Spirigerina reticularis*".

Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.

- Atrypa reticularis decurrens* Chapman. P 12412
 Lower Devonian (Yeringian).
 Ruddock's Quarry, near Lilydale, Victoria.
 Holotype (external mould of ventral valve).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 13.
- Australocoelia polyspera* (Gill). P 16810
 Lower Devonian (Bell Shale).
 Right Bank, Little Henty River, 1 mile S.E. of Zeehan, Tasmania.
 Hypotype (ventral valve).
 Boucot, A. J., and Gill, E. D., 1956. *J. Paleont.* 30: 1173-1178, pl. 126, fig. 14.
- Australocoelia polyspera* (Gill). P 16811
 Lower Devonian (Bell Shale).
 Right Bank, Little Henty River, 1 mile S.E. of Zeehan, Tasmania.
 Hypotype (dorsal valve).
 Boucot, A. J., and Gill, E. D., 1956. *J. Paleont.* 30: 1173-1178, pl. 126, fig. 15.
- Camarotoechia synchoneua* Gill. P 14844
 Lower Devonian.
 Loc. 17, Smelter's Ridge, S.E. of Zeehan, Western Tasmania.
 Holotype (steinkern of ventral valve).
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949.* 231-258, pl. 1, figs. 12-13.
- Camarotoechia synchoneua* Gill. P 14845
 Lower Devonian.
 Loc. 17, Smelter's Ridge, S.E. of Zeehan, Western Tasmania.
 Paratype (steinkern of dorsal valve).
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949.* 231-258, pl. 1, figs. 19-20.
- Chonetes australis* McCoy. P 1222
 Middle Devonian.
 Buchan, Victoria.
 Hypotype (calcined ventral valve).
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, text fig. 7.
- Chonetes australis* McCoy. P 15134
 Middle Devonian.
 Buchan, Victoria.
 Hypotype (acid etched ventral valve).
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, text fig. 6.
- Chonetes cresswelli* Chapman. P 652
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Holotype (steinkern of ventral valve).
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 12, fig. 7.
 Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150.
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, pl. 3, fig. 5.

- Chonetes cresswelli* Chapman. P 14712
Lower Devonian (Yeringian).
"Wilson's", Loc. 2, Lilydale, Victoria.
Hypotype (steinkern and external mould).
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, text fig. 2.
- Chonetes melbournensis* Chapman. P 636
Silurian (Melbournian).
Yarra Improvement Works, South Yarra, Victoria.
Syntype (steinkern of ventral valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11, figs. 3-4.
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150.
- Chonetes melbournensis* Chapman. P 1419
Silurian (Melbournian).
Sewerage Tunnel, near old Fishmarket, Melbourne, Victoria.
Syntype (ventral valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11, fig. 2.
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150.
- Chonetes micrus* Gill. P 14698-9
Lower Devonian (Yeringian).
Hull Road, Mooroolbark, Victoria.
Holotype (steinkern P 14698 and external mould P 14699 of ventral valve).
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, pl. 3, figs. 6-8.
- Chonetes micrus* Gill. P 14700-1
Lower Devonian (Yeringian).
Hull Road, Mooroolbark, Victoria.
Paratype (steinkern P 14701 and external mould P 14700 of a dorsal valve).
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, pl. 3, figs. 9-11, text fig. 3.
- Chonetes productoida* Gill. P 14520
Lower Devonian (Yeringian).
North of Lilydale, Victoria.
Holotype (internal cast of ventral valve).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150, pl. 8, figs. 7, 12.
- Chonetes productoida* Gill. P 14521
Lower Devonian (Yeringian).
North of Lilydale, Victoria.
Hypotype (internal cast of ventral valve).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150, pl. 8, fig. 3.
- Chonetes psiloplia* Gill. P 14519
Lower Devonian (Yeringian).
Killara, Victoria.
Holotype (internal cast of ventral valve).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150, pl. 8, fig. 15.

- Chonetes robustus* Chapman. P 1417
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Holotype (steinkern of ventral valve and external mould of dorsal valve).
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 12, fig. 8.
 Gill, E. D., 1949. *Mem. Nat. Mus. Vict.* 16: 91-115, pl. 3, fig. 17.
 Gill, E. D., *Proc. Roy. Soc. Vict.* 57: 125-150.
- Chonetes robustus* Chapman. P 1418
 Lower Devonian (Yeringian).
 North of Lilydale, Victoria.
 Hypotype (steinkern of ventral valve).
 Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82.
 Gill, E. D., *Mem. Nat. Mus. Vict.* 16: 91-115, pl. 3, fig. 15.
- Chonetes* aff. *ruddockensis* Gill. P 14804
 Lower Devonian (Bell Shale).
 Quarry on N. bank of creek, N. of timber mill, N. of Zeehan, Tasmania.
 Figured specimen (steinkern of ventral valve).
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 8, fig. 36.
- Coelospira australis* Chapman. P 13969
 Lower Devonian (Yeringian).
 Mitta Mitta River, N.E. Victoria.
 Holotype.
 Chapman, F., 1917. *Rcc. Geol. Survey Vict.* 4: 103-104, pl. 32, fig. 43.
- Coelospira australis* Chapman. P 792
 Lower Devonian (Yeringian).
 Cowombat, near Forest Hill, Gippsland, Victoria.
 Paratype.
 Chapman, F., 1917. *Rcc. Geol. Survey Vict.* 4: 103-104, pl. 32, fig. 44.
- Conchidium* sp. P 12244
 Lower Devonian (Yeringian).
 Yering, Victoria.
 Figured specimen (steinkern, umbonal part of both valves).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 28-29, pl. 47, fig. 10 (figure reversed). "*Pentamerus australis*."
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-38, pl. 2, fig. 9.
- Crania pulchelloides* Chapman. P 12399
 Lower Devonian (Yeringian).
 Ruddock's Quarry, near Lilydale, Victoria.
 Holotype (steinkern).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, figs. 2a-b.

Craniella lata Chapman.

P 896

Silurian (Melbournian).

Yarra Improvement Works, South Yarra, Victoria.

Holotype.

Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 10, figs. 4, 14.*?Cymatostrophia cresswelli* (Chapman).

P 669-670

Silurian.

Deep Creek, 7 miles S.W. of Walhalla, Victoria.

Holotype (counterparts of ventral valve).

Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11, figs. 8-10. "*Plectabonites*".*Cyrtia tasmaniensis* Gill.

P 14547

Lower Devonian.

Lyell Highway, road cutting on N. side 100 yards E. of 12-mile post from Queenstown, Western Tasmania.

Holotype (steinkern of two valves together).

Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston.* 2: 57-74, pl. 8, fig. 23.*Cyrtia tasmaniensis* Gill.

P 14548-9

Lower Devonian.

Lyell Highway, road cutting on N. side 100 yards E. of 12-mile post from Queenstown, Western Tasmania.

Paratype (steinkern P 14548 and external mould P 14549 of ventral valve).

Gill, E. D., 1948. *Rec. Queen Mus. Launceston.* 2: 57-74, pl. 8, figs. 24-6.*Cyrtina sub-biplicata* Chapman.

P 12416

Lower Devonian (Yeringian).

Ruddock's Quarry, Lilydale, Victoria.

Holotype (steinkern of ventral valve).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, figs. 16a-c.*Eatonia (Eatonia) pleonecta* Gill.

P 14840

Lower Devonian.

Loc. 23, Smelter's Ridge, S.E. of Zeehan, Western Tasmania.

Holotype (steinkern of both valves).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949:* 231-258, pl. 1, figs. 33-35.*Eatonia (Eatonia) pleonecta* Gill.

P 14841-2

Lower Devonian.

Loc. 23, Smelter's Ridge, S.E. of Zeehan, Western Tasmania.

Paratype (steinkern P 14841 and external mould P 14842, of ventral valve).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949:* 231-258, pl. 1, fig. 34.

- Eatonia (Pareatonia) euplecta* Gill. P 14545
 Lower Devonian.
 Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
 Holotype (steinkern with associated piece of external mould).
 Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston*. 2: 57-74, pl. 8, figs. 16-18.
- Eatonia (Pareatonia) euplecta* Gill. P 14546
 Lower Devonian.
 Block *non in situ* from bed of N. branch of Nelson River where it crosses Lyell Highway, 14 miles E. of Queenstown, Western Tasmania.
 Hypotype (steinkern of both valves together).
 Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston*. 2: 57-74, pl. 8, figs. 15, 19-22.
- Eospirifer* sp. P 14105
 Lower Devonian (Yeringian).
 "Wilson's", Lilydale, Victoria.
 Figured specimen (steinkern of dorsal valve).
 Gill, E. D., 1942, *Proc. Roy. Soc. Vict.* 54: 21-52, pl. 6, fig. 8.
- Eospirifer* sp. P 14106
 Lower Devonian (Yeringian).
 Ruddock's Quarry, Lilydale, Victoria.
 Figured specimen (steinkern of dorsal valve).
 Gill, E. D., 1942. *Proc. Roy. Soc. Vict.* 54: 21-52, pl. 6, figs. 8-9.
- Eospirifer densilineatus* (Chapman). P 10301
 Silurian.
 Creek near Glenburnie Road, Whittlesea, Victoria.
 Syntype (steinkern of dorsal valve).
 Chapman, F., 1908. *Proc. Roy. Soc. Vict.* 21: 217-224, pl. 5, fig. 2. "*Spirifer*".
 Gill, E. D., 1942. *Proc. Roy. Soc. Vict.* 54: 21-52.
- Eospirifer densilineatus* (Chapman). P 10302-3
 Silurian.
 Cemetery Hill Road, Whittlesea, Victoria.
 Syntype (steinkern P 10302 and external mould P 10303 of dorsal valve).
 Chapman, F., 1908. *Proc. Roy. Soc. Vict.* 21: 217-224, pl. 5, figs. 1-3. "*Spirifer*".
 Gill, E. D. 1942. *Proc. Roy. Soc. Vict.* 54: 21-52.
- "*Eospirifer macropleurus* (Conrad)". P 883
 Silurian.
 Kilmore, Victoria.
 Hypotype (steinkern of dorsal valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 22-23, pl. 46, fig. 8 (figure reversed).
 "*Spirifera plicatella* var. *macropleura*".

Eospirifer macropleurus (Conrad) ”.

P 884

Silurian.

Kilmore, Victoria.

Hypotype (steinkern of ventral valve).

McCoy, F., 1877. *Prod. Pal. Vict.* 5: 22-23, pl. 46, fig. 7-7b
(figures reversed).“*Spirifera plicatella* var. *macropleura*”.*Eospirifer parahentius* Gill.

P 14792 P 15712

Lower Devonian (Bell shale).

Right bank Little Henty River, 1 mile S.E. of Zeehan, Tasmania.

Holotype (steinkern of both valves P 14792; external mould of dorsal valve P 15712). Since description the steinkern has parted from the matrix, thus revealing that it is a steinkern of both valves.

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, fig. 1.*Eospirifer parahentius* Gill.

P 14793 P 14826

Lower Devonian (Bell Shale).

Right bank Little Henty River, 1 mile S.E. of Zeehan, Tasmania.

Paratype (steinkern P 14793 and external mould P 14826 of dorsal valve).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 4-6.*Eospirifer parahentius* Gill.

P 14826

Lower Devonian (Bell Shale).

Right bank Little Henty River, 1 mile S.E. of Zeehan, Tasmania.

Hypotype (steinkern of ventral valve).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 2-3.*Gypidula victoriae* Chapman.

P 12411

Lower Devonian (Yeringian).

Ruddock's Quarry, near Lilydale, Victoria.

Holotype (steinkern of both valves).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 12.*Hipparionyx minor* Clarke.

P 14104

Lower Devonian (Yeringian).

“Wilson's”, Lilydale, Victoria.

Hypotype (internal cast of dorsal valve).

Gill, E. D., 1942. *Proc. Roy. Soc. Vict.* 54: 21-52, pl. 6, fig. 2.*Howittia howitti* (Chapman).

P 1233

Middle Devonian.

Bindi, Victoria.

Holotype (both valves).

Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, figs. 4a-c. “*Spirifer howitti*”.Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.

- Howittia howitti* (Chapman). P 7596
 Middle Devonian.
 Bindi, Victoria.
 Paratype (parts of both valves).
 Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, fig. 5. "*Spirifer howitti*".
 Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.
- Howittia howitti* (Chapman). P 7597
 Middle Devonian.
 Bindi, Victoria.
 Paratype (dorsal valve).
 Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, fig. 6. "*Spirifer howitti*".
 Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.
- Kozlowskiella cf. cooperi* (Gill). P 12256
 Lower Devonian (Yeringian).
 Yering, Victoria.
 Figured specimen (ventral valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 23-24, pl. 46, figs. 10, 10a, (figures reversed). "*Spirifera sulcata*".
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.
 Boucot, A. J., 1957. *Senckenberg. Leth.* 38: 311-334.
- Kozlowskiella cf. cooperi* (Gill). P 12257
 Lower Devonian (Yeringian).
 Yering, Victoria.
 Figured specimen (both valves).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 23-24, pl. 46, figs. 9-9b, (figures reversed). "*Spirifera sulcata*".
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.
 Boucot, A. J., 1957. *Senckenberg. Leth.* 38: 311-334.
- "*Leptaena rhomboidalis* (Wilckens)". P 12402
 Lower Devonian.
 Loyola, near Mansfield, Victoria.
 Figured specimen (interior of brachial valve).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, figs. 4-5. This is probably a *Leptaenisca*.
- ?*Leptaena rhomboidalis* (Wilckens). P 12184
 Lower Devonian (Yeringian).
 Yering, Victoria.
 Figured specimen (ventral valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 19-20, pl. 46, fig. 1 (figure reversed).
 Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.
- ?*Leptaena rhomboidalis* (Wilckens). P 12401
 Lower Devonian (Yeringian).
 Loyola, near Mansfield, Victoria.
 Figured specimen.
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, fig. 3.
 Gill, E. D., 1942. *Proc. Roy. Soc. Vict.* 54: 21-52.

- Leptocoelia polyspera* Gill. P 14795-7
Lower Devonian.
Little Henty River, right bank, 1 mile S.E. Zeehan, Western Tasmania.
Holotype (steinkern of ventral valve P 14795).
Paratype (steinkern P 14796 and external mould P 14797 of dorsal valve).
Gill, E. D., *Pap. & Proc. Roy. Soc. Tas for 1949*: 231-258, pl. 1, figs. 25-28, 38.
- Lingula flemingtonensis* Chapman. P 12064
Silurian.
Moonee Ponds Creek, Flemington, Victoria.
Holotype.
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 179-186, pl. 45, fig. 1. "*Lingula lewisii* var. *flemingtonensis*."
This sub-species is here raised to full specific rank.
- Lingula flemingtonensis* Chapman. P 12065
Silurian.
Moonee Ponds Creek, Flemington, Victoria.
Paratype.
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 179-186, probably pl. 45, figs. 2-6, taken from this specimen, which was designated the paratype by Chapman.
- Lingula flemingtonensis* Chapman. P 12329
Silurian.
Moonee Ponds Creek, Flemington, Victoria.
Tecto-paratype (slide).
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 179-186, pl. 45, figs. 3, 5.
- Lingula flemingtonensis* Chapman. P 12330
Silurian.
Moonee Ponds Creek, Flemington, Victoria.
Tecto-paratype (slide).
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 179-186, pl. 45, fig. 4.
- Lingula spryi* Chapman. P 598
Silurian.
Swanston Street Sewer, near Collins Street, Melbourne, Victoria.
Holotype (? Ventral valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: pl. 10, fig. 9, 9a.
- Lingula* cf. *striata* Sowerby. P 12061
Silurian (Melbournian).
Yarra Improvement Works, South Yarra, Victoria.
Figured specimen.
Chapman, F., 1911. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 45, fig. 7.

- Lingulidiscina ranfti* Allan. P 14751
Lower Devonian (Reefton Beds).
Reefton, New Zealand.
Holotype (steinkern of dorsal valve).
Allan, R. S., 1935. *D.S.I.R. Pal. Bull.* 14: 1-72, pl. 2, fig. 8.
- Maoristrophia banksi* Gill. P 14608-11
Lower Devonian.
Little Henty River, 1 mile S.E. Zeehan, Western Tasmania.
Holotype (steinkern of ventral valve P 14609).
Paratype (steinkern of dorsal valve P 14610).
Hypotype (steinkern of young specimen P 14611).
Hypotype (steinkern of ventral valve P 14608).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258.
Gill, E. D., 1952. *Trans. Roy. Soc. New Zealand.* 80: 171-185,
pl. 36, figs. 4-8.
- Maoristrophia careyi* Gill. P 14605-6
Lower Devonian.
Little Henry River, 1 mile S.E. Zeehan, Western Tasmania.
Holotype (steinkern P 14605 and external mould P 14606 of
ventral valve).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258.
Gill, E. D., 1952. *Trans. Roy. Soc. New Zealand.* 80: 171-185,
pl. 36, figs. 1-2.
- Maoristrophia careyi* Gill. P 14607-8
Lower Devonian.
Little Henty River, 1 mile S.E. Zeehan, Western Tasmania.
Paratype (steinkern P 14607 and external mould P 14608 of
dorsal valve).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258.
Gill, E. D., 1952. *Trans. Roy. Soc. New Zealand.* 80: 171-185,
pl. 36, figs. 3-4.
- Maoristrophia keblei* Gill. P 14612-4
Lower Devonian (Yeringian).
Hull Road, Loc. 13, Mooroolbark, Victoria.
Holotype (steinkern P 14612 and external mould P 14613 of
ventral valve).
Paratype (steinkern of dorsal valve P 14614).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258.
Gill, E. D., 1952. *Trans. Roy. Soc. New Zealand.* 80: 171-185,
pl. 36, figs. 9-11.
- Maoristrophia neozelanica* Allan. P 14786
Lower Devonian.
Baton River Beds, Baton River, South Island, New Zealand.
Hypotype.
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258,
pl. 1, fig. 39.

- Meristella australis* (McCoy). P 12243
Lower Devonian (Yeringian).
Yering, Victoria.
Lectoholotype (steinkern of ventral valve).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 28-29, pl. 47, figs. 9-9a (figures reversed). "*Pentamerus australis*".
Gill, E. D., 1951. 63: 31-39, pl. 2, figs. 1-2.
- Meristella australis* (McCoy). P 12242
Lower Devonian (Yeringian).
Yering, Victoria.
Lectoparatype (steinkern of ventral valve).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 28-29, pl. 47, fig. 11 (figure reversed). "*Pentamerus australis*".
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39, pl. 2, figs. 7-8.
- Meristella australis* (McCoy). P 12241
Lower Devonian (Yeringian).
Yering, Victoria.
Lectohypotype (steinkern, ? ventral valve).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 28-29, pl. 47, fig. 12 (figure reversed). "*Pentamerus australis*".
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.
- Meristella bellensis* Gill. P 14823-4
Lower Devonian.
Little Henty River, 1 mile S.E. of Zeehan, Western Tasmania.
Holotype (steinkern of ventral valve P 14823).
Hypotype (steinkern of ventral valve P 14823).
Paratype (steinkern of dorsal valve P 14824).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 14-18.
- Notanoplia australis* (Gill). P 14790
Lower Devonian (Yeringian).
Wither's Loc. 5, C.R.B. Quarry S. of Kinglake W. or Tommy's Hut Road, 1 mile S.W. Kinglake West, Victoria.
Hypotype (steinkern of dorsal valve).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 57: 125-150, pl. 8, fig. 4.
- Notanoplia loyolensis* Gill. P 12403
Lower Devonian.
Loyola, near Mansfield, Victoria.
Holotype (steinkern of ventral valve).
Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, figs. 6-7. "*Leptaena rhomboidalis*".
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 57-72, pl. 3, figs. 1-4.
- Notanoplia pherista* Gill. P 14827
Lower Devonian (Bell Shale).
Right bank Little Henty River, 1 mile S.E. of Zeehan, Tasmania.
Holotype (steinkern of ventral valve).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 29-30.

Notanoplia pherista Gill.

P 14827-8

Lower Devonian.

Right bank Little Henty River, 1 mile S.E. of Zeehan, Tasmania.

Paratype (steinkern P 14828 and external mould P 14827 of dorsal valve).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 31-32.*Notoconchidium florencensis* Gill.

P 14798-9

Lower Devonian.

Silver Bell Railway Station Yard, cutting on E. side, S. of Zeehan, Western Tasmania.

Holotype (steinkern P 14799 and external mould P 14798 of dorsal valve).

Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, figs. 7-9.*Notoconchidium thomasi* Gill.

P 12407

Lower Devonian.

Geol. Survey, Loc. Bb 51, Heathcote, Victoria.

Figured specimen.

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 11. "*Conchidium knightii*".Gill, E. D., 1951. *Mem. Nat. Mus. Vict.* 17: 187-205.*Notoleptaena otophera* Gill.

P 14687-8

Lower Devonian (Yeringian).

Syme's Homestead, Killara, Victoria.

Holotype (steinkern of ventral valve P 14687, external mould P 14688).

Gill, E. D., 1951. *Mem. Nat. Mus. Vict.* 17: 187-205, pl. 1, figs. 24-26.*Notoleptaena otophera* Gill.

P 14689

Lower Devonian (Yeringian).

Syme's Homestead, Killara, Victoria.

Hypotype (steinkern of ventral valve).

Gill, E. D., 1951. *Mem. Nat. Mus. Vict.* 17: 187-205, pl. 1, fig. 27.*Nucleospira australis* McCoy.

P 12251

Silurian.

Near Mt. Disappointment, Victoria.

Syntype (steinkern of both valves).

McCoy, F., 1877. *Prod. Pal. Vict.* 5: 27-28, pl. 47, figs. 7-7d.*Nucleospira australis* McCoy.

P 12252

Silurian.

Near Mt. Disappointment, Victoria.

Syntype (steinkern of ventral valve).

McCoy, F., 1877. *Prod. Pal. Vict.* 5: 27-28, pl. 47, figs. 8-8b.

- Nucleospira megalorhyncha* Gill. P 14551
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania
Syntype (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, figs. 27, 42.
- Nucleospira megalorhyncha* Gill. P 14552
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
Syntype (steinkern of dorsal valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, figs. 28, 43.
- "*Orbiculoidea diminuens* Chapman". P 13965
Silurian.
Wombat Creek, N.E. Gippsland, Victoria.
Holotype (steinkern of ventral valve).
Chapman, F., 1920. *Rec. Geol. Surv. Vict.* 4: 175-194, pl. 32, figs. 41-42.
The author considers this to be the operculum of a gasteropod.
- Orbiculoidea selwyni* Chapman. P 612
Silurian.
Merri Creek, Kalkallo, Victoria.
Syntype (steinkern).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 10, figs. 6, 6a.
- Orbiculoidea selwyni* Chapman. P 613-4
Silurian.
Merri Creek, Parish of Merriang, Victoria.
Syntype (external mould P 613 and steinkern P 614).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 10, figs. 5, 12.
- Parmorthis* aff. *allani* (Shirley). P 14836
Lower Devonian.
Little Henty River, right bank, 1 mile S. E. Zeehan, Western Tasmania.
Figured Specimen.
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, fig. 24.
- Parmorthis vandiemeni* Gill. P 14543
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yds. E. of 12-mile post from Queenstown, Western Tasmania.
Holotype (steinkern of dorsal valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, fig. 30.

- "*Plagiorhyncha decemplicata* (Sowerby)". P 12253
 Silurian.
 West of Mt. Disappointment, Victoria.
 Hypotype (steinkern of ventral valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 26-27, pl. 47, fig. 6 (figure reversed). "*Camarotoechia decemplicata*".
- "*Plagiorhyncha decemplicata* (Sowerby)". P 12254
 Silurian.
 West of Mt. Disappointment, Victoria.
 Hypotype (steinkerns of ventral valve and dorsal valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 26-27, pl. 47, fig. 5 (figure reversed). "*Camarotoechia decemplicata*".
- "*Plagiorhyncha decemplicata* (Sowerby)". P 12255
 Silurian.
 West of Mt. Disappointment, Victoria.
 Hypotype (steinkern of ventral valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 26-27, pl. 47, fig. 6 (figure reversed). "*Camarotoechia decemplicata*".
- "*Plagiorhyncha decemplicata* (Sowerby)". P 12185
 Silurian.
 Section 44, Parish of Wallan, Victoria.
 Hypotypes (two figured specimens on one slab, steinkerns of ventral valve and dorsal valve).
 McCoy, F., 1877. *Prod. Pal. Vict.* 5: 26-27, pl. 47, fig. 4 (figure reversed). "*Camarotoechia decemplicata*".
- Plectodonta bipartita* (Chapman). P 12405
 Lower Devonian (Yeringian).
 Simmond's Bridge Hut on Yarra River, Victoria.
 Syntype (steinkern of dorsal valve).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, fig. 10.
- Plectodonta bipartita* (Chapman). P 12404
 Lower Devonian (Yeringian).
 Ruddock's Quarry, N.W. of Lilydale, Victoria.
 Syntype (steinkern of ventral valve).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, fig. 8.
- Plectodonta bipartita* (Chapman). P 12406
 Lower Devonian (Yeringian).
 Simmond's Bridge Hut on Yarra River, Victoria.
 Paratype (steinkern of ventral valve).
 Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 10, fig. 9.
- Plectodonta bipartita* (Chapman). P 14804
 Lower Devonian (Bell Shale).
 Quarry on N. bank of creek, N. of timber mill, N. of Zeehan, Tasmania.
 Hypotype (steinkern of ventral valve).
 Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258, pl. 1, fig. 21.

- Plectodonta bipartita* (Chapman). P 14807
Lower Devonian (Bell Shale).
Quarry on N. bank of creek, N. of timber mill, N. of Zeehan,
Tasmania.
Hypotype (steinkern of dorsal valve).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258,
pl. 1, fig. 22.
- Plectodonta bipartita* (Chapman). P 14810
Lower Devonian (Bell Shale).
Quarry on N. bank of creek, N. of timber mill, N. of Zeehan,
Tasmania.
Hypotype (external mould of dorsal valve).
Gill, E. D., 1950. *Pap. & Proc. Roy. Soc. Tas. for 1949*: 231-258,
pl. 1, fig. 23.
- Prototeptostrophia alata* (Chapman). P 665
Lower Devonian.
North of Lilydale, Victoria.
Syntype (steinkern of dorsal valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11,
fig. 6; pl. 12, fig. 1. "*Stropheodonta alata*".
Gill, E. D., 1949. *Mem. Nat. Mus. Vict.* 16: 91-115.
- Prototeptostrophia alata* (Chapman). P 666
Lower Devonian.
North of Lilydale, Victoria.
Syntype (steinkern of ventral valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11,
fig. 7. "*Stropheodonta alata*".
Gill, E. D., 1949. *Mem. Nat. Mus. Vict.* 16: 91-115.
- Prototeptostrophia alata* (Chapman). P 1421
Lower Devonian.
North of Lilydale, Victoria.
Syntype (steinkern of ventral valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 12,
fig. 9. "*Stropheodonta alata*".
Gill, E. D., 1949. *Mem. Nat. Mus. Vict.* 16: 91-115.
- Prototeptostrophia plateia* Gill. P 14563
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Holotype (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 29.
- Prototeptostrophia plateia* Gill. P 14564
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Paratype (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, fig. 45.

- "*Rhynchospirina formosa* (Hall)". P 12386
Silurian.
West of Mt. Disappointment, Victoria.
Hypotype (steinkern of ventral valve).
McCoy, F., 1877. *Prod. Pal. Vic.* 5: pl. 46, figs. 6-6b (figures reversed). "*Trematospira formosa*".
- Rhynchotrema liopleura* (McCoy). P 12387
Silurian.
Near Mt. Disappointment, Victoria.
Syntype (steinkern of dorsal valve).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 21-22, pl. 46, figs. 2-2b (figures reversed). "*Trematospira liopleura*".
- Rhynchotrema liopleura* (McCoy). P 12388
Silurian.
Near Mt. Disappointment, Victoria.
Syntype (steinkern of dorsal valve).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 21-22, pl. 46, figs. 4-4a (figures reversed). "*Trematospira liopleura*".
- Rhynchotrema liopleura* (McCoy). P 12389
Silurian.
Near Mt. Disappointment, Victoria.
Syntype (steinkern of both valves).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 21-22, pl. 46, figs. 5-5d (figures reversed). "*Trematospira liopleura*".
- Rhynchotrema liopleura* (McCoy). P 12390
Silurian.
Near Mt. Disappointment, Victoria.
Syntype (steinkern of both valves).
McCoy, F., 1877. *Prod. Pal. Vict.* 5: 21-22, pl. 46, figs. 3-3c (figures reversed). "*Trematospira liopleura*".
- Siphonotreta australis* Chapman. P 603
Silurian.
Sewerage Works, Domain Road, South Yarra, Victoria.
Syntype (impression of valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 10, fig. 8.
- Siphonotreta australis* Chapman. P 608
Silurian.
Sewerage Works, Domain Road, South Yarra, Victoria.
Syntype (impression of dorsal valve).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11, fig. 1.
- Siphonotreta australis* Chapman. P 610-11
Silurian.
Sewerage Tunnel, near old Fish Market, Melbourne, Victoria.
Syntype (external mould of ventral valve P 610; steinkern of same P 611).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 10, fig. 13.

- Siphonotreta plicatella* Chapman. P 12398
Silurian.
Yan Yean, Victoria.
Holotype (steinkern of ventral valve).
Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 90-113, pl. 10, figs. 1a-c.
- Spinella buchanensis* Talent. P 7595
Middle Devonian.
Bindi, Victoria.
Hypotype.
Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, fig. 3.
" *Spirifer yassensis* de Koninck ".
Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.
- Spinella buchanensis* Talent. P 7598
Middle Devonian.
Buchan, Victoria.
Hypotype.
Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, fig. 2.
" *Spirifer yassensis* de Koninck ".
Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.
- Spinella buchanensis* Talent. P 7599
Middle Devonian.
Buchan, Victoria.
Hypotype.
McCoy, F., 1876. *Prod. Pal. Vict.* 4: 16-17, pl. 35, figs. 2-2b (figures reversed). " *Spirifera laevicosta* (Val.) ".
Talent, J. A., 1956. *Proc. Roy. Soc. Vict.* 68: 1-56.
- Spinella buchanensis* Talent. P 16423-4
Middle Devonian. P 13967-8
Limestone Creek near Dead Horse Creek, Eastern Victoria. P 13976
Hypotype (5 specimens remaining from preparation of slides P 15997
1356-1357. The latter is a tectohypotype figured pl. 16, fig. 2
P 13968).
Chapman, F., 1920. *Rec. Geol. Surv. Vict.* 4: 175-194. " *Spirifer yassensis* de Koninck ".
- Spinocyrtia ostiolata* (Schlotheim). P 11098
Middle Devonian.
The Eifel, Germany.
Hypotype (both valves).
Chapman, F., 1905. *Proc. Roy. Soc. Vict.* 18: 16-19, pl. 5, fig. 1. " *Spirifer laevicosta* ".
- " *Spirifer* " sp. P 14550
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Figured specimen (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: pl. 8, fig. 31.

"Spirifer" chapmani Allan.

P 14749-50

Lower Devonian (Reefton Beds).

Reefton, New Zealand.

Holotype (steinkern of dorsal valve P 14749, external mould P 14750).

Allan, R. S., 1935. *D.S.I.R. Pal. Bull.* 14: 1-72, pl. 2, fig. 7.*Spirifer lilydalensis* Chapman.

P 756

Lower Devonian (Yeringian).

North of Lilydale, Victoria.

Syntype (steinkern of ventral valve).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: pl. 11, fig. 17.*Spirifer lilydalensis* Chapman.

P 12417

Lower Devonian (Yeringian).

Wilson's Quarry, near Lilydale, Victoria.

Syntype (steinkern of dorsal valve).

Chapman, F., 1913. *Proc. Roy. Soc. Vict.* 26: 99-113, pl. 11, fig. 18.*Stropheodonta (Brachyprion) lilydalensis* Chapman.

P 660

Lower Devonian.

North of Lilydale, Victoria.

Holotype (steinkern of dorsal valve).

Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 11, fig. 5; pl. 12, fig. 2.*Strophonella australiensis* Gill.

P 14553

Lower Devonian.

Lyell Highway, in road cutting on north side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.

Syntype (steinkern of ventral valve).

Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, fig. 38.*Strophonella australiensis* Gill.

P 14554-5

Lower Devonian.

Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.

Syntype (steinkern of dorsal valve P 14554, external mould P 14555).

Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, figs. 39, 37.*Strophonella australiensis* Gill.

P 14557

Lower Devonian.

Lyell Highway, in road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.

Paratype (steinkern of ventral valve).

Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74, pl. 8, fig. 36.

- Strophonella australiensis* Gill. P 14556
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Paratype (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 44.
- Strophonella australiensis* Gill. P 14558
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Hypotype (steinkern of dorsal valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 40.
- Strophonella australiensis* Gill. P 14579
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Hypotype (steinkern of part of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 35.
- Strophonella euglyphoides* Chapman. P 694
Lower Devonian.
North of Lilydale, Victoria.
Syntypes (impressions of two valves).
Chapman, F., 1903. *Proc. Roy. Soc. Vict.* 16: 60-82, pl. 12,
figs. 3-6.
- Strophonella lyelli* Gill. P 14559
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Syntype (steinkern of ventral valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pls. 7-8, fig. 33.
- Strophonella lyelli* Gill. P 14560
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Syntype (steinkern of dorsal valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 34.
- Strophonella lyelli* Gill. P 14562
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Syntype (steinkern of dorsal valve).
Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 32.

Strophonella lyelli Gill.

P 14561

Lower Devonian.

Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.

Hypotype (steinkern of ventral valve).

Gill, E. D., 1948. *Rec. Queen Vict. Mus. Launceston* 2: 57-74,
pl. 8, fig. 41.

3. TRILOBITA.

Acanthopyge australis (McCoy).

P 7490

Lower Devonian (Yeringian).

Junction of Woori Yallock Creek and Yarra River, Victoria.

Lectoholotype (steinkern of cranidium).

McCoy, F., 1876. *Prod. Pal. Vic.* Dec. 3: 18-19, pl. 22 (fig.
unnumbered and reversed). "*Lichas australis*".Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39, pl. 2,
figs. 3-4.*Acanthopyge australis* (McCoy).

P 7489

Lower Devonian (Yeringian).

Junction of Woori Yallock Creek and Yarra River, Victoria.

Lectoparatype (steinkern of cephalon).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 18-9, pl. 22, fig. 11
(figure reversed). "*Lichas australis*".Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39, pl. 2,
figs. 5-6.*Acanthopyge australis* (McCoy).

P 14087

Lower Devonian (Yeringian).

Syme's Quarry, Killara, Victoria.

Hypotype (steinkern of carapace).

Gill, E. D., 1939. *Mcm. Nat. Mus. Melb.* 11: 140-142, pl. 5,
fig. 1. "*Lichas australis*".Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.*Acanthopyge australis* (McCoy).

P 14088 P 14771

Lower Devonian (Yeringian).

Syme's Tunnel, Killara, Victoria.

Hypotype (steinkern of cephalon P 14088; external mould
P 14771).Gill, E. D., 1939. *Mem. Nat. Mus. Melb.* 11: 140-142, pl. 5,
fig. 2.Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39.*Ampyx parvulus jikaensis* Chapman.

P 12297

Silurian (Melbournian).

Moonee Ponds Creek, Flemington, Victoria.

Holotype (steinkern of carapace).

Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 61,
fig. 1.

- Ampyx parvulus jikaensis* Chapman. P 12685
Silurian (Melbournian).
Moonee Ponds Creek, Victoria.
Paratype (steinkern of cephalon with proximal part of frontal spine).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 61, fig. 2.
- Ampyx yarraensis* Chapman. P 12298
Silurian (Melbournian).
South Yarra, Victoria.
Holotype (steinkern of cephalon).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 61, fig. 3.
- Calymene bowiei* Gill. P 14504-5
Lower Devonian (Yeringian).
Syme's Homestead, Killara, Victoria.
Holotype (steinkern of cranidium P 14504, external mould P 14505).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7, figs. 1-2, 6.
- Calymene* cf. *blumenbachii* Brongniart. P 1207
Lower Devonian (Yeringian).
Section 12, Parish of Yering, Victoria.
Figured specimen (steinkern of cephalon).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 11.
- Calymene killarensis* Gill. P 14506
Lower Devonian (Yeringian).
Syme's Tunnel, Killara, Victoria.
Holotype (steinkern of cranidium).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7, fig. 8.
- Calymene killarensis* Gill. P 14511-2
Lower Devonian (Yeringian).
Syme's Tunnel, Killara, Victoria.
Hypotype (steinkern P 14511 and external mould P 14512 of pygidium).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7, figs. 3-4.
- Cheirurus* sp. P 12875
Middle Devonian.
Buchan, Victoria.
Figured specimen ("Hydrospire").
Chapman, F., 1912. *Rec. Geol. Surv. Vict.* 3: 218-222, pl. 36, fig. 13.

- Cheirurus* sp. *sensu stricto*. P 14565
Lower Devonian.
Lyell Highway, in road cutting on N. side, 100 yards E. of
12-mile post from Queenstown, Western Tasmania.
Figured specimen (steinkern of glabella).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston*, 2: 57-74,
pl. 8, fig. 6.
- Cheirurus sternbergi* (Boeck). P 12678
Lower Devonian (Yeringian).
Ruddock's Quarry, N.W. of Lilydale, Victoria.
Hypotype (steinkern of cephalon and thorax).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 15, fig. 13; pl. 16, fig. 22.
- Cyphaspis bowringensis* Mitchell. P 12672
Lower Devonian (Yeringian).
Loyola, near Mansfield, Victoria.
Hypotype (steinkern of cephalon and thorax).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 14, fig. 5; pl. 16, fig. 18.
- Cyphaspis lilydalensis* Chapman. P 12671
Lower Devonian (Yeringian).
Wilson's Quarry, Lilydale, Victoria.
Holotype (steinkern of carapace).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 14, fig. 6; pl. 16, fig. 19.
- Cyphaspis yassensis* Etheridge and Mitchell. P 12674
Lower Devonian (Yeringian).
Wombat Creek, N.E. Gippsland, Victoria.
Hypotype (steinkern of pygidium).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 16, fig. 21.
- Cyphaspis yassensis* Etheridge and Mitchell. P 12673
Lower Devonian (Yeringian).
Wombat Creek, tributary of Mitta Mitta River, N.E. Gippsland,
Victoria.
Hypotype (steinkern of cephalon).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 14, fig. 7; pl. 16, fig. 20.
- "*Dalmanites meridianus* Etheridge and Mitchell." P 7502
Lower Devonian (Yeringian).
Junction of Woori Yallock Creek and Yarra River, Victoria.
Hypotype (eye).
McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 22, fig. 2
(figure reversed). "*Phacops caudatus*".
Gill, E. D., 1938. *Vict. Nat.* 54: 167-171, figs. 3-4.

Dalmanites wandongensis Gill.

P 7495

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of thorax and pygidium).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 23, fig. 9 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7496

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of pygidium).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 22, fig. 6 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7497

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of pygidium).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 22, fig. 7 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7498

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of cephalon).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 23, fig. 7 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7499

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of portion of pygidium).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 23, fig. 10 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7500

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (hypostome).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 22, fig. 3 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.*Dalmanites wandongensis* Gill.

P 7501

Silurian (Melbournian).

Broadhurst's Creek, E. of Kilmore, Victoria.

Hypotype (steinkern of cephalon).

McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 23, fig. 8 (figure reversed). "*Phacops caudatus*".Gill, E. D., 1948. *J. & Proc. Roy. Soc. N.S.W.* 82: 16-24.

- Dalmanites* aff. *wandongensis* Gill. P 14567-8
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
Figured specimen (steinkern of pygidium, P 14567; external mould, P 14568).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston*, 2: 57-74, pl. 8, figs. 1-2.
- Dalmanites* aff. *wandongensis* Gill. P 14566
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
Figured specimen (steinkern of an imperfect cranidium).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston*, 2: 57-74, pl. 8, fig. 3.
- Dicranurus kinglakensis* Gill. P 14522
Silurian.
Davies' Quarry, W. branch of Stony Creek, about 1 mile N. of Kinglake West State School, Victoria.
Topotype (mentioned in original description).
Gill, E. D., 1948. *Proc. Roy. Soc. Vict.* 59: 8-18.
- Dicranurus kinglakensis* Gill. P 14523
Silurian.
Davies' Quarry, W. branch of Stony Creek, about 1 mile N. of Kinglake West State School, Victoria.
Topotype (mentioned in original description).
Gill, E. D., 1948. *Proc. Roy. Soc. Vict.* 59: 8-18.
- Encrinurus* aff. *silverdalensis* Etheridge & Mitchell. P 14569
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
Figured specimen (steinkern of cranidium).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston*, 2: 57-74, pl. 8, fig. 7.
- Encrinurus* aff. *silverdalensis* Etheridge & Mitchell. P 14570
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile post from Queenstown, Western Tasmania.
Hypotype (steinkern of pygidia).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston*, 2: 57-74, pl. 8, fig. 8.
- Encrinurus spryi* Chapman. P 12300
Silurian (Melbournian).
South Yarra, Victoria.
Holotype (steinkern of carapace).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 62, fig. 1.

Flexicalymene sp.

P 1208

Silurian.

Range on E. side of Reserve of Commonage, Kilmore, Victoria.
Figured specimen (steinkern of cranidium).

Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,

Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7,
fig. 11.

Gravicalymene australis (Etheridge & Mitchell).

P 14574-5

Lower Devonian.

Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile
post from Queenstown, Western Tasmania.

Hypotype (steinkern of pygidium P 14574; external mould,
P 14575).

Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, figs. 11-12.

Gravicalymene australis (Etheridge & Mitchell).

P 14572-3

Lower Devonian.

Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile
post from Queenstown, Western Tasmania.

Hypotype (steinkern of cranidium, P 14572; external mould,
P 14573).

Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, fig. 10.

Gravicalymene australis (Etheridge & Mitchell).

P 14571

Lower Devonian.

Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile
post from Queenstown, Western Tasmania.

Hypotype (steinkern of cranidium).

Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, fig. 9.

Gravicalymene angustior (Chapman).

P 12675

Lower Devonian (Yeringian).

Ruddock's Quarry, N.W. of Lilydale, Victoria.

Holotype (steinkern of pygidium, thorax and glabella).

Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 15, fig. 8.

Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7,
figs. 5, 10.

Gravicalymene angustior (Chapman).

P 14507

Lower Devonian (Yeringian).

Ruddock's Quarry, N.W. of Lilydale, Victoria.

Hypotype (steinkern of cephalon).

Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7,
fig. 5.

- Gravicalymene angustior* (Chapman). P 12676
Lower Devonian (Yeringian).
Ruddock's Quarry, N.W. of Lilydale, Victoria.
Paratype (steinkern of carapace).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 9.
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186.
- Gravicalymene* aff. *angustior* (Chapman). P 453
Lower Devonian (Yeringian).
Kilmore Creek, N. of special survey, Victoria.
Figured specimen (steinkern of cephalon).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 10.
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186.
- Gravicalymene cootamundrensis* Gill. P 14084-5
Upper Silurian.
Oaks Creek, Cootamundra, New South Wales.
Holotype (steinkern of cephalon, P 14084; external mould, P 14085).
Gill, E. D., 1940. *Proc. Roy. Soc. Vict.* 52: 106-110, pl. 5, figs. 2-3.
- Gravicalymene cootamundrensis* Gill. P 14083
Upper Silurian.
Oaks Creek, Cootamundra, New South Wales.
Paratype (steinkern of thorax and pygidium).
Gill, E. D., 1940. *Proc. Roy. Soc. Vict.* 52: 106-110, pl. 5, fig. 1.
- Gravicalymene cootamundrensis* Gill. P 14086
Upper Silurian.
Oaks Creek, Cootamundra, New South Wales.
Paratype (steinkern of cephalon).
Gill, E. D., 1940. *Proc. Roy. Soc. Vict.* 52: 106-110, pl. 5, fig. 4.
- Gravicalymene hetera* Gill. P 14508
Silurian.
Kilmore East, Victoria.
Holotype (steinkern of cranidium).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7, fig. 12.
- Gravicalymene kilmorensis* Gill. P 14509
Silurian.
Kilmore East, Victoria.
Holotype (steinkern of cranidium).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7, fig. 9.

- Gravicalymene* cf. *kilmorensis* Gill. P 14510
Silurian.
Moonee Ponds Creek, Victoria.
Figured specimen (steinkern of cranidium).
Gill, E. D., 1945. *Proc. Roy. Soc. Vict.* 56: 171-186, pl. 7,
fig. 7.
- "*Hausmannia meridianus* Etheridge and Mitchell." P 14770
Silurian.
Kilmore, Victoria.
Hypotype (external mould of cephalon).
Etheridge, R., and Mitchell, J., 1896. *Proc. Linn. Soc. N.S.W.* 10:
486-511, pl. 40, fig. 1.
- Iliaenus jutsoni* Chapman. P 12299
Lower Silurian.
Quarry, between Heidelberg and Templestowe, Victoria.
Holotype.
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 61,
figs. 4-5.
Gill, E. D., 1952. *Vict. Nat.* 69: 41-47.
Öpik, A. A., 1953. *Mem. Geol. Surv. Vict.* 19: 25-26.
- Iliaenus* aff. *jutsoni* Chapman. P 14719
Lower Silurian.
Hill Road, North Balwyn, Victoria.
Figured specimen.
Gill, E. D., 1952. *Vict. Nat.* 69: 41-47, pl. 1, fig. 1.
- Odontochile formosa* Gill. P 14597
Lower Devonian.
Carmen's Quarry, Kinglake West, Victoria.
Hypotype (hypostome).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14,
fig. 8.
- Odontochile formosa* Gill. P 16193-4
Lower Devonian.
Syme's Tunnel, Killara, Victoria.
Figured specimen (steinkern P 16193; external mould, P 16194).
Gill, E. D., 1938. *Vict. Nat.* 54: 167-171, figs. 3-4.
- Odontopleura* aff. *rattei* Etheridge and Mitchell. P 14576
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile
post from Queenstown, Western Tasmania.
Figured specimen (steinkern of cranidium).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, fig. 4.
- Odontopleura* aff. *rattei* Etheridge and Mitchell. P 14577
Lower Devonian.
Lyell Highway, road cutting on N. side, 100 yards E. of 12-mile
post from Queenstown, Western Tasmania.
Figured specimen (free cheek).
Gill, E. D., 1948. *Rec. Queen Vic. Mus. Launceston* 2: 57-74,
pl. 8, fig. 5.

- Odontopleurid hypostome.* P 14602
 Lower Devonian (Yeringian).
 Syme's Homestead, Killara, Victoria.
 Figured specimen.
 Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14, fig. 5.
- Phacopid hypostome.* P 14599
 Lower Devonian (Yeringian).
 Syme's Quarry, Killara, Victoria.
 Figured specimen.
 Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14, figs. 3-4.
- Phacopid hypostome.* P 14600
 Lower Devonian (Yeringian).
 Syme's Homestead, Killara, Victoria.
 Figured specimen.
 Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14, figs. 6-7.
- Phacopid hypostome.* P 14601
 Lower Devonian (Yeringian).
 Syme's Homestead, Killara, Victoria.
 Figured specimen.
 Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14, fig. 9.
- "*Phacops crossleii* Etheridge and Mitchell". P 12679
 Lower Devonian.
 Ruddock's Quarry, N.W. of Lilydale, Victoria.
 Hypotype (steinkern of carapace).
 Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 14.
- "*Phacops crossleii* Etheridge and Mitchell". P 12680
 Lower Devonian.
 Ruddock's Quarry, N.W. of Lilydale, Victoria.
 Hypotype (steinkern of pygidium).
 Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 15.
- Phacops* aff. *fecundus* Gill. P 14598
 Lower Devonian (Yeringian).
 Syme's Homestead, Killara, Victoria.
 Figured specimen (steinkern of hypostome *in situ*).
 Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 123-131, pl. 14, figs. 1-2.
- Phacops mansfieldensis* Etheridge and Mitchell. P 15604
 Lower Devonian.
 Mansfield, Victoria.
 Holotype (steinkern of cephalon).
 Etheridge, R., and Mitchell, J., 1896. *Proc. Linn. Soc. N.S.W.* 10: 486-511, pl. 39, fig. 12.

- "*Phacops (Portlockia) fecundus* Barrande". P 12116-20
Lower Devonian.
Section 12, Parish of Yering, Victoria.
Figured specimens (5).
McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 15-16, pl. 23, figs. 1 (P 12116), 2 (P 12117), 3 (P 12118), 4 (P 12119), 5 (P 12120) (figures reversed).
Gill, E. D., 1951. *Proc. Roy. Soc. Vict.* 63: 31-39. (Determined as *Phacops* sp. nov.)
- "*Phacops serratus* Foerste". P 2304
Lower Devonian (Yeringian).
One and a half miles below Simmond's Bridge Hut on Yarra River, Victoria.
Hypotype (steinkern of carapace).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 15, fig. 16.
- Phacops sweeti* Etheridge and Mitchell. P 15605-10
Lower Devonian.
Mansfield, Victoria.
Syntypes (6 specimens including 2 counterparts).
Etheridge, R., and Mitchell, J., 1896. *Proc. Linn. Soc. N.S.W.* 10: 486-511, pl. 38, fig. 9 (P 15605); pl. 39, figs. 1 (P 15608), 2 (P 15609), pl. 40, fig. 10 (probably P 15610).
- Proetus euryceps* (McCoy). P 546
Silurian (Melbournian).
Broadhurst's Creek, E. of Kilmore, Victoria.
Holotype (steinkern of carapace).
McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 17-18, pl. 22, figs. 10-10a (figures reversed). "*Forbesia euryceps*".
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 14, fig. 4.
- Proetus euryceps* (McCoy). P 12669
Lower Devonian (Yeringian).
Ruddock's Quarry, N.W. of Lilydale, Victoria.
Hypotype (steinkern of carapace).
McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 17-18, pl. 22, figs. 10-10a (figures reversed). "*Forbesia euryceps*".
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 14, fig. 4.
- Scutellum cresswelli* (Chapman). P 485
Lower Devonian (Yeringian).
Cooper's Creek, Gippsland, Victoria.
Holotype (pygidium).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 14, fig. 3; pl. 16, fig. 17. "*Goldius cresswelli*".
- Scutellum greenii* (Chapman). P 12668
Lower Devonian (Yeringian).
Ruddock's Quarry, N.W. of Lilydale, Victoria.
Holotype (steinkern of carapace).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171, pl. 14, fig. 1. "*Goldius greenii*".

- Scutellum greenii* (Chapman). P 12667
Lower Devonian (Yeringian).
Ruddock's Quarry, N.W. of Lilydale, Victoria.
Paratype (steinkern of pygidium).
Chapman, F., 1915. *Proc. Roy. Soc. Vict.* 28: 157-171,
pl. 14, fig. 2. "*Goldius greenii*".
- Trimerus harrisoni* (McCoy). P 7503
Silurian (Melbournian).
Moonee Ponds Creek, Royal Park, Victoria.
Holotype (steinkern of carapace).
McCoy, F., 1876. *Prod. Pal. Vict.* Dec. 3: 13-15, pl. 23, fig. 11
(figure reversed). "*Homalonotus harrisoni*".
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, text fig. 1a.
- Trimerus kinglakensis* Gill. P 14580-1
Lower Devonian.
Davies' Quarry, also known as Middendorp's Quarry, W. branch,
Stony Creek, about 1 mile N. of Kinglake West State School,
Victoria.
Holotype (steinkern of cephalon P 14580; external mould
P 14581).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 8, figs 1-2;
pl. 9, fig. 3; text fig. 1e.
- Trimerus kinglakensis* Gill. P 14582-3
Lower Devonian.
Davies' Quarry, also known as Middendorp's Quarry, W. branch,
Stony Creek, about 1 mile N. of Kinglake West State School,
Victoria.
Paratype (steinkern of thorax and pygidium P 14582; external
mould P 14583).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 8, fig. 3.
- Trimerus kinglakensis* Gill. P 14584
Lower Devonian.
Davies' Quarry, also known as Middendorp's Quarry, W. branch,
Stony Creek, about 1 mile N. of Kinglake West State School,
Victoria.
Hypotype (steinkern of thorax and pygidium; cephalon on other
side).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 9, fig. 5.
- Trimerus kinglakensis* Gill. P 14585-6
Lower Devonian.
Davies' Quarry, also known as Middendorp's Quarry, W. branch,
Stony Creek, about 1 mile N. of Kinglake West State School,
Victoria.
Hypotype (steinkern of pygidium P 14585; external mould
P 14586).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, p. 9, fig. 6.

- Trimerus lilydalensis* Gill. P 14587-8
Lower Devonian (Yeringian).
Hull Road, Lilydale, Victoria.
Holotype (steinkern of cephalon P 14587; external mould P 14588).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 8, figs. 4-5, text fig. 1f.
- Trimerus lilydalensis* Gill. P 14589
Lower Devonian (Yeringian).
Hull Road, Lilydale, Victoria.
Paratype (steinkern of pygidium).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 9, fig. 7.
- Trimerus vomer* (Chapman). P 12301
Silurian.
Wandong, Victoria.
Holotype (steinkern of cephalon and part of thorax).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 62, fig. 3. "*Homalontous vomer*".
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, text fig. 1c.
- Trimerus vomer* (Chapman). P 12302
Silurian.
Wandong, Victoria.
Paratype (steinkern of thorax and pygidium).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 63, fig. 2. "*Homalonotus vomer*".
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73.
- Trimerus vomer* (Chapman). P 12303
Silurian.
Wandong, Victoria.
Paratype (steinkern of cephalon, immature specimen).
Chapman, F., 1912. *Proc. Roy. Soc. Vict.* 24: 293-300, pl. 63, fig. 1. "*Homalonotus vomer*".
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, text fig. 1b.
- Trimerus zeehanensis* Gill. P 14590-1
Lower Devonian (Bell Shale).
Right bank, Little Henty River, 1 mile S.E. of Zeehan, Tasmania.
Holotype (steinkern of cephalon P 14590; external mould P 14591).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 9, fig. 1-2, text fig. 1d.
- Trimerus zeehanensis* Gill. P 14592-3
Lower Devonian (Bell Shale).
Right bank, Little Henty River, 1 mile S.E. of Zeehan, Tasmania.
Paratype (steinkern of pygidium P 14592; external mould P 14593).
Gill, E. D., 1949. *Proc. Roy. Soc. Vict.* 61: 61-73, pl. 9, fig. 4.