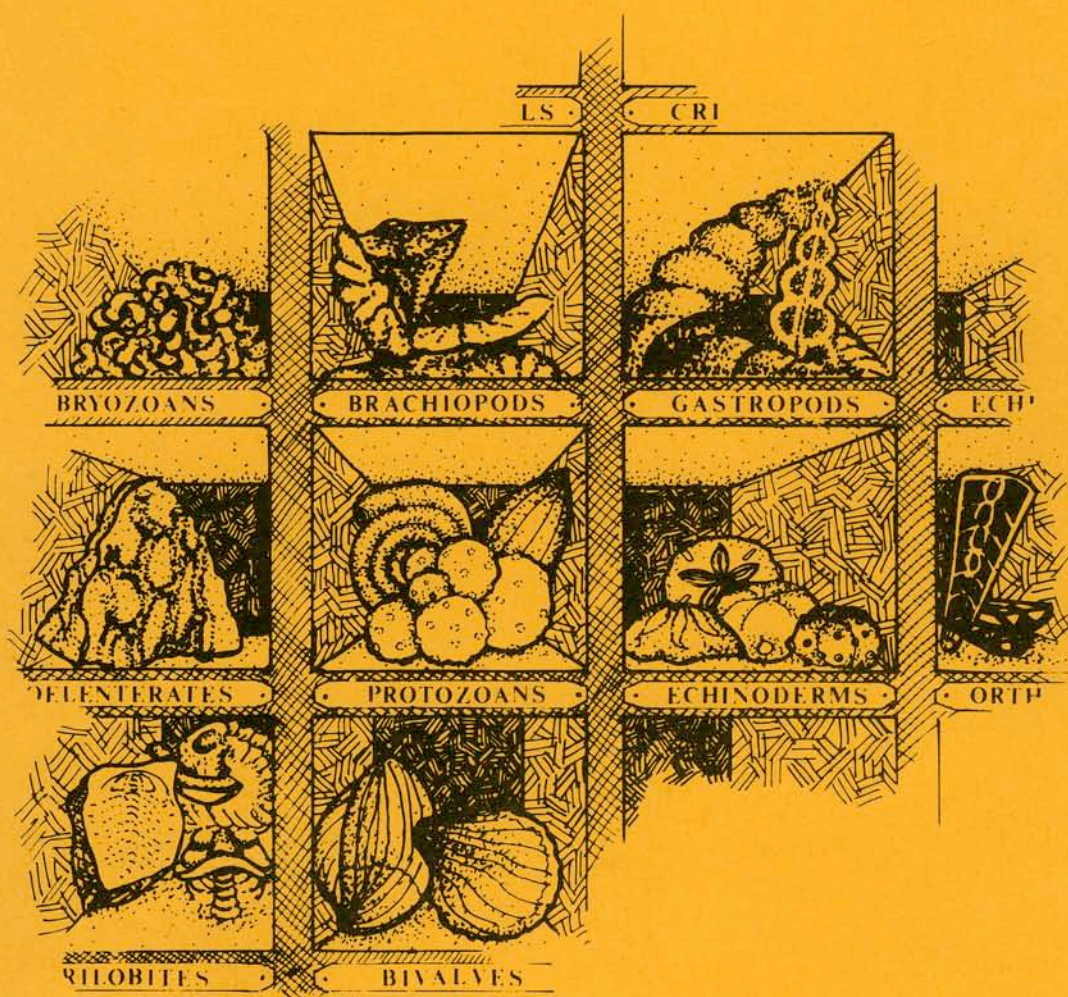


catalogue of type,
figured and
referred fossils in
the geological
museum of trinity
college, dublin



JOHN R. NUDDS

**CATALOGUE OF TYPE, FIGURED AND REFERRED FOSSILS IN
THE GEOLOGICAL MUSEUM OF TRINITY COLLEGE,
DUBLIN: PART 1**

**(PROTOZOA, PORIFERA, ARCHAEOCYATHA,
COELENTERATA, BRYOZOA)**

JOHN R. NUDDS

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Introduction

The collections of the Geological Museum of Trinity College, Dublin, initiated by the Rev. William Hamilton (1755-1797), originally formed part of a general College museum and are older than the Department of Geology itself (founded 1841). Two catalogues of minerals, the first published in 1807 by Whitley Stokes (1763-1845), keeper of the College museum, and the second in 1850 by James Apjohn (1796-1886), Professor of Mineralogy and Applied Chemistry, represent the only published lists of the museum's holdings, and the present catalogue is the first to deal with the palaeontological collections.

The following are included as explanatory notes:

1. Specimens are listed by the latest name under which they have been described in publication, but are cross-referenced under all earlier names published for that specimen.
2. Authors of species are cited, but the customary practice of parenthesising the name where species have been referred to subsequent genera is not followed, owing to the difficulty in a work of this nature of determining the original genus.
3. Similarly, owing to the difficulty of deter-

mining the status of many type specimens in a work of this nature, they are simply labelled as 'type' unless they were actually designated as holotype, paratype, neotype, etc. in the original publication, or by a subsequent reviser, or unless they are clearly holotypes by monotypy.

4. There were initially three separate and independent series of museum registration numbers for 'type', 'figured', and 'referred' specimens, each series being preceded by an initial letter of 'T', 'F' or 'R' respectively. These continued to T26, F82, and R13 after which there was introduced a single consecutive series of numbers, but which retained the appropriate initial letter (e.g. T83-90, F91-95, T96, etc.). This continued up to F266 after which the initial letter was dropped and the numbers were preceded by 'TCD'.

In some early publications registration numbers are followed by an oblique stroke and a second number (e.g. T59/1007), the latter referring to their original museum storage location which is no longer valid.

In a few cases thin sections from the museum's petrological collections contain figured fossils; these are registered with the prefix 'P'.

5. Stratigraphical and locality information has been updated from the original label or catalogue entry wherever possible. All specimens

are from Ireland unless otherwise stated.

6. If figured or referred specimens are in cut or broken pieces which have been registered separately, the whole specimen is regarded as being 'figured'/'referred', but the catalogue entry is annotated to explain which particular piece(s) of the specimen has (have) been figured/referred.

7. The following abbreviations refer to speci-

mens mentioned in the catalogue which are reposited in other geological collections: NMI (National Museum of Ireland, Dublin); GSI (Geological Survey of Ireland, Dublin); UCD (University College, Dublin); BM (British Museum, London); GSM (Geological Survey Museum, London); UCLA (University College, Los Angeles); LU (Leicester University).

† = cast of original specimen

* = specimen missing from collection

Protozoa: Foraminifera

Ammarchaediscus (Rectodiscus) rotundus inflata Conil & Lys

Figured

TCD. 12397

Upper Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. Holm 69).

Marchant 1974, p. 456, pl. 4, fig. 37.

Archaediscid foraminifer

Figured

TCD. P10771

Weirview Quarry bed 66, Arundian Stage, Lower Carboniferous.

Weirview Quarry, north of the bridge in Lucan, Co. Dublin.

Marchant & Sevastopulo 1980, text-fig. 3a.

cf. *Brunstina* sp.

Figured

TCD. 12379

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. Mal 39, Block E).

Marchant 1974, pl. 1, fig. 7.

Endothyra sp.

Figured

TCD. 12385

Lane Limestone, Chadian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. Lane 38).

Marchant 1974, pl. 3, fig. 24.

Endothyra sp.

Figured

TCD. 12386

Lane Limestone, Chadian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. Lane 39).

Marchant 1974, pl. 2, figs 17, 18, pl. 3, fig. 21.

Endothyra sp.

Figured

TCD. 12387

Lane Limestone, Chadian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. Lane 40).

Marchant 1974, pl. 3, figs 20, 25.

- Endothyra* sp. Figured
TCD. 12390
Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, pl. 3, fig. 26.
- Endothyra* sp. Figured
TCD. 12395
Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 67).
Marchant 1974, pl. 4, fig. 34.
- Endothyranopsis* ex gr. *staffelliformis* N. Tchern Figured
TCD. 12389
Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, p. 454, pl. 4, fig. 30.
- Endothyranopsis* ex gr. *staffelliformis* N. Tchern Figured
TCD. 12390
Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, p. 454, pl. 4, fig. 29.
- Endothyranopsis* sp. Figured
TCD. 12388
Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, pl. 4, fig. 28.
- Endothyranopsis* sp. Figured
TCD. 12389
Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, pl. 1, fig. 11.
- Eoparastaffella simplex* Vdovenko Figured
TCD. 12390
Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 60).
Marchant 1974, p. 454, pl. 4, fig. 32.
- Eoparastaffella simplex* Vdovenko Figured
TCD. 12394
Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 62).
Marchant 1974, p. 454, pl. 4, fig. 33.
- Eoparastaffella* sp. Figured
TCD. 12396

Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 68).
Marchant 1974, pl. 4, fig. 35.

Forschiella sp.

Figured

TCD. 12387

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 40).
Marchant 1974, pl. 3, fig. 23.

Palaeospiroplectammina diversa N. Tchern

Figured

TCD. 12392

Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 59).
Marchant 1974, pl. 4, fig. 31.

Pseudolituotuba gravata Conil & Lys

Figured

TCD. 12396

Lower Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Holm 68).
Marchant 1974, pl. 4, fig. 36.

Pseudolituotubella sp.

Figured

TCD. 12388

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, pl. 4, fig. 27.

Spinotournayella ? *michoti* Conil & Lys

Figured

TCD. 12384

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 37).
Marchant 1974, p. 458, pl. 2, fig. 16.

Spinotournayella ? *michoti* Conil & Lys

Figured

TCD. 12386

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 39).
Marchant 1974, p. 458, pl. 2, figs 13, 19.

Spinotournayella ? *michoti* Conil & Lys

Figured

TCD. 12389

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).
Marchant 1974, p. 458, pl. 3, fig. 22.

Spinotournayella ? *michoti* Conil & Lys

Figured

TCD. 12391

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 43).

Marchant 1974, p. 458, pl. 2, fig. 14.

Spinotournayella ? cf. *michoti* Conil & Lys
TCD. 12382

Figured

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 31).
Marchant 1974, p. 454, pl. 1, fig. 12.

Spinotournayella ? cf. *michoti* Conil & Lys
TCD. 12383

Figured

Lane Limestone, Chadian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. Lane 32).
Marchant 1974, p. 454, pl. 2, fig. 15.

Spinotournayella ? aff. *michoti* Conil & Lys
TCD. 12378

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 38, Block E).
Marchant 1974, p. 460, pl. 1, fig. 8.

Spinotournayella ? aff. *michoti* Conil & Lys
TCD. 12379

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 39, Block E).
Marchant 1974, p. 460, pl. 1, fig. 10.

Spinotournayella ? aff. *michoti* Conil & Lys
TCD. 12380

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 43, Block E).
Marchant 1974, p. 460, pl. 1, fig. 9.

Spinotournayella ? aff. *michoti* Conil & Lys
TCD. 12381

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 45, Block E).
Marchant 1974, p. 460, pl. 1, fig. 6.

Tournayella cf. *discoidea* Dain
TCD. 12374

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 33, Block E).
Marchant 1974, p. 448, pl. 1, fig. 4.

Tournayella discoidea Dain forma *maxima*
TCD. 12374

Figured

Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. Mal 33, Block E).
Marchant 1974, p. 448, pl. 1, fig. 3.

Tournayella gigantea var. *minoris* Lipina Figured
 TCD. 12374
 Courceyan Stage, Lower Carboniferous.
 Malahide, Co. Dublin (loc. Mal 33, Block E).
 Marchant 1974, p. 448, pl. 1, fig. 5.

Tournayella sp. Figured
 TCD. 12375
 Courceyan Stage, Lower Carboniferous.
 Malahide, Co. Dublin (loc. Mal 35, Block E).
 Marchant 1974, pl. 1, fig. 1.

Tournayella sp. Figured
 TCD. 12376
 Courceyan Stage, Lower Carboniferous.
 Malahide, Co. Dublin (loc. Mal 37, Block E).
 Marchant 1974, pl. 1, fig. 2.

Porifera

Protospongia hicksi Hinde Figured
 TCD. 9834
 Sierr Chert Member, Ballytoohy Formation, Lough Feeagh
 Group, Dalradian, ? Middle Cambrian.
 Northern promontary of Clare Island, Co. Mayo (Nat.
 Grid Ref. 069370 286940).
 Rushton & Phillips 1973, p. 232, pl. 23, figs 1, 2.

Siphonia costata Lamouroux Figured
 TCD. 22927
 Lower Cretaceous.
 Warminster, Wiltshire, England.
 Haughton 1865, p. 184, text-fig. 9.

Sponge spicules Figured
 TCD. P10768
 Weirview Quarry bed 10, Arundian Stage, Lower Carboniferous.
 Weirview Quarry, north of the bridge in Lucan, Co. Dublin.
 Marchant & Sevastopulo 1980, p. 202, text-fig. 3f.

Archaeocyatha

Ajacyathid indet. Figured
 TCD. 9516
 Klubben Quartzite Group or Falkenes Limestone Group,
 Lower to early Middle Cambrian.
 Sørøy, Norway (Nat. Grid Ref. 545316).
 Holland & Sturt 1970, p. 346, text-figs 3, 5j, 7a, b.

Ajacyathid indet. Figured

TCD. 9518

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-figs 5a, c, e, g, 7e.

Figured

Ajacyathid indet.

TCD. 9519

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 5b.

Figured

Ajacyathid indet.

TCD. 9520

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 5d.

Figured

Ajacyathid indet.

TCD. 9521

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-figs 5f, 7d.

Figured

Ajacyathid indet.

TCD. 9522

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-figs 5h, 6e.

Figured

Ajacyathid indet.

TCD. 9523

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 5i.

Figured

Ajacyathid indet.

TCD. 9524

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-figs 6a, b, d, 8a, c.

Figured

Ajacyathid indet.

TCD. 9525

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 6c.

Ajacyathid indet.

Figured

TCD. 9526

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 7c.

Ajacyathid indet.

Figured

TCD. 9527

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 8b.

Ajacyathid indet.

Figured

TCD. 9528

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 346, text-fig. 8d.

Ajacyathid indet.

Referred

TCD. 9517

Klubben Quartzite Group or Falkenes Limestone Group,

Lower to early Middle Cambrian.

Sørøy, Norway (Nat. Grid Ref. 545316).

Holland & Sturt 1970, p. 348.

Coelenterata

Arachniophyllum simplex Smyth

Type

TCD. T14a-g

Carlyan Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 558, pl. 37, figs 1a-d.

(T14a = fig. 1c; T14c = fig. 1b; T14e = fig. 1a; T14f = fig. 1d;

T14 b, d, g unfigured)

Aulina furcata Smith

***Referred**

TCD. 2647

Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L6).

Clarke 1966, p. 225.

Aulina hibernica Clarke

Holotype

TCD. 2645a-i

Asbian Stage, Lower Carboniferous.

Quarries, W of Brownstown House, 4½ miles S of Slane, Co. Meath.

Clarke 1966, p. 222, pl. 20, figs 1a, b.

(2645h = fig. 1b; 2645i = fig. 1a; 2645a-g unfigured)

Aulina hibernica Clarke

Figured

TCD. 2646a-d

Asbian Stage, Lower Carboniferous.

Surface working, 600 yds E of Lough Rask, Ballyvaughan, Co. Clare.

Clarke 1966, p. 222, pl. 20, figs 2a, b.

(2646a = fig. 2b; 2646b - fig. 2a; 2646c, d unfigured)

Caninia benburbensis Lewis

Holotype

TCD. T96a-h

Lower Carboniferous.

Benburb, Co. Tyrone.

Lewis 1927, p. 378, pl. 17, figs 1a, b.

(T96a = fig. 1a; T96b = fig. 1b; T96c-h unfigured)

Caninia benburbensis Lewis

Figured

TCD. F95

Nodular Bed, Asbian Stage, Lower Carboniferous.

Trowbarrow Quarry, Silverdale, Lancashire, England.

Lewis 1927, p. 378, pl. 17, fig. 4.

Caninia benburbensis Lewis

Figured

TCD. F97a-h

Lower Carboniferous.

Benburb, Co. Tyrone.

Lewis 1927, p. 378, pl. 17, figs 2a, b.

(F97a = fig. 2a; F97b = fig. 2b; F97c-h unfigured)

Caninia benburbensis Lewis

Figured

TCD. F98a-g

Lower Carboniferous.

Benburb, Co. Tyrone.

Lewis 1927, p. 378, pl. 17, figs 3a-c.

(F98a = fig. 3a; F98b = fig. 3b; F98c = fig. 3c; F98d-g unfigured)

Caninia benburbensis Lewis

Figured

TCD. F100a, b

Caninia Band, ? Asbian/Brigantian Stage, Lower Carboniferous.

Great Orme's Head, Llandudno, Wales.

Lewis 1927, p. 378, pl. 16, fig. 5.

(F100a = fig. 5; F100b unfigured)

Caninia cylindrica Scouler

Figured

TCD. F45a-g

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M13).
 Smyth 1920, p. 17, pl. 1, fig. 10.
 (F45c = fig. 10; F45a, b, d-g unfigured)

Caninia cf. *cylindrica* Scouler Figured
 TCD. F93a-g
 Lower Carboniferous.
 Carrowgarry, Co. Sligo.
 Lewis 1927, p. 375, pl. 16, figs 2a, b.
 (F93a = fig. 2a; F93b = fig. 2b; F93c-g unfigured)

Caninia cf. *patula* Michelin Figured
 TCD. F99a-f
 Lower Carboniferous.
 Cleene, Co. Roscommon.
 Lewis 1927, p. 380, pl. 16, figs 4a, b.
 (F99a = fig. 4a; F99b = fig. 4b; F99c-f unfigured)

Caninia sp. Figured
 TCD. F94a-h
 Lower Carboniferous.
 W coast of Co. Donegal.
 Lewis 1927, p. 377, pl. 16, figs 3a, b.
 (F94a = fig. 3a; F94b = fig. 3b; F94c-h unfigured)

Caninia sp. Referred
 TCD. R101
 Lower Carboniferous.
 W coast of Co. Donegal.
 Lewis 1927, p. 377.

Caninophyllum aff. *patulum* Michelin Figured
 TCD. F226, TCD. F227 (parts of same specimen)
 Hook Head Formation, Courcayan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 23b).
 Smyth 1930, p. 551, pl. 16, fig. 1.
 (F227 = fig. 1; F226 unfigured)

Caninophyllum aff. *patulum* Michelin Figured
 TCD. F228 — TCD. F231 (parts of same specimen)
 Hook Head Formation, Courcayan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 17k).
 Smyth 1930, p. 551, pl. 16, fig. 2.
 (F229 = fig. 2; F228, F230, F231 unfigured)

Caninophyllum aff. *patulum* Michelin Figured
 TCD. F232, TCD. F233 (parts of same specimen)
 Hook Head Formation, Courcayan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 13k).
 Smyth 1930, p. 551, pl. 16, fig. 3.

(F233 = fig. 3; F232 unfigured)

Carcinophylloid Clisiophyllum
See *Clisiophyllum* cf. *oblongum*

Carcinophyllum curkeenense Vaughan

Type

TCD. T9

Dibunophyllum Limestone, Asbian to Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L23a).

Vaughan 1908, p. 464, pl. 49, fig. 5.

Carcinophyllum vaughani Salée

Figured

TCD. F77a-h

Shale at base of *Lithostroton affine-phillipsi* beds,

Asbian Stage, Lower Carboniferous.

300 yds W of Pen-morpha Lodge, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 148, pl. 3, figs 5a, b.

(F77a = figs 5a, b; F77b-h unfigured)

Carcinophyllum aff. $\emptyset$ Vaughan

Figured

TCD. F54a-e

Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 543, pl. 36, fig. 5.

(F54b = fig. 5; F54a, c-e unfigured)

Chaetetes septosus Fleming

Figured

TCD. F82a-e

Brigantian Stage. Lower Carboniferous.

Great Orme's Head, Llandudno, Wales.

Smyth 1925a, p. 320, pl. 15, fig. 3.

(F82a = fig. 3; F82 b-e unfigured)

Chaetetes sp.

Figured

TCD. F71a-h (part of BM. R24997)

Brigantian Stage, Lower Carboniferous.

Abandoned quarry (680' E of semaphore, 1200' SE of lighthouse, 486' above O.D.), Great Orme's Head, Llandudno, Wales.

Smyth 1925a, p. 319, pl. 14, figs la-c, pl. 15, figs la, b.

(BM. R24997 = figs la-c, la, b; F71a-h unfigured)

Cladochonus crassus M'Coy

Figured

TCD. F256

Doorin Shales, Arundian Stage, Lower Carboniferous.

Doorin Point, Mountcharles, Co. Donegal.

Hill & Smyth 1938, p. 129, pl. 22, fig. 3.

Cladochonus crassus M'Coy

Figured

TCD. F257

Doorin Shales, Arundian Stage, Lower Carboniferous.

Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 23, fig. 3.

Cladochonus crassus M'Coy
TCD. F258

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 23, fig. 2.

Cladochonus crassus M'Coy
TCD. F259

***Figured**

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 22, fig. 9.

Cladochonus crassus M'Coy
TCD. F260

Figured

Doorin Shales Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 22, figs 6, 10.

Cladochonus crassus M'Coy
TCD. F261

***Figured**

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 22, fig. 7.

Cladochonus crassus M'Coy
TCD. F262a, b.

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 23, figs 5, 6.
(F262a = figs 5, 6; F262b unfigured)

Cladochonus crassus M'Coy
TCD. F263

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 22, figs 5, 8.

Cladochonus crassus M'Coy
TCD. F264

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 23, fig. 4.

Cladochonus crassus M'Coy
TCD. F265a, b

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.

Hill & Smyth 1938, p. 129, pl. 22, figs 11, 12, pl. 23, figs 7-10.
(F265a = fig. 11; F265b = fig. 12)

Cladochonus crassus M'Coy
TCD. F266

Figured

Doorin Shales, Arundian Stage, Lower Carboniferous.
Doorin Point, Mountcharles, Co. Donegal.
Hill & Smyth 1938, p. 129, pl. 22, fig. 4.

Clisiophyllid sp. nov.
TCD. F53a-k

Figured

Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 560, pl. 36, figs 2a, b.
(F53d = fig. 2a; F53h = fig. 2b; F53a-c, e-g, i-k unfigured)

Clisiophyllid sp. nov.
See Cravenia tela

Clisiophyllum curkeenense Vaughan
TCD. T8

Type

Curkeen Limestone, Asbian Stage, Lower Carboniferous.
Curkeen, Co. Dublin.
Vaughan 1906, p. 320, pl. 30, fig. 2.

cf. Clisiophyllum curkeenense Vaughan
TCD. F41

Figured

Dibunophyllum Limestone, Asbian to Brigantian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. L24b).
Vaughan 1908, p. 462, pl. 49, fig. 3.

Clisiophyllum dublinense Smyth
TCD. T19a-d

Type

Carlyan Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 559, pl. 37, figs 2a, b.
(T19b = fig. 2a; T19d = fig. 2b; T19a,c unfigured)

Clisiophyllum dublinense Smyth
TCD. F51a-f

Figured

Carlyan Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 559, pl. 37, fig. 2c.
(F51b = fig. 2c; F51a, c-f unfigured)

Clisiophyllum cf. oblongum Thomson
TCD. F28 — TCD. F30 (parts of same specimen)

Figured

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
Rush, Co. Dublin (loc. R10j).
Vaughan 1906, p. 296, pl. 30, fig. 3 (as *Carcinophylloid Clisiophyllum*).

Referred to Vaughan 1908, p. 440.
(F28 = fig. 3; F29, F30 unfigured)

Clisiophyllum cf. *oblongum* Thomson
TCD. F50a-d

Figured

Carlyan Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 545, pl. 37, fig. 5.
(F50c = fig. 5; F50a, b, d unfigured)

Clisiophyllum *spissum* Smyth
TCD. T13

Type

Carlyan Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 559.
Figured Vaughan 1908, p. 463, pl. 49, fig. 1 (as *Lithostroton* — like
Clisiophyllid).

Clisiophyllum *spissum* Smyth

Figured

TCD. F14 — TCD. F18 (parts of same specimen)
Carlyan Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 559, pl. 37, figs 4a, b.
(F14 = fig. 4a; F15 = fig. 4b; F16 — F18 unfigured)

Clisiophyllum sp.
TCD. F49

Figured

Kate Rocks Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 560, pl. 36, fig. 10.

Cravenia *rhytoides* Hudson

Figured

TCD. F234, TCD. F235 (parts of same specimen)
Hook Head Formation, Courcayan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 13f).
Smyth 1930, p. 553, pl. 16, fig. 4.
(F235 = fig. 4; F234 unfigured)

Cravenia *tela* Hudson

Holotype

TCD. T152a-g
Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
Rush, Co. Dublin (loc. R11a).
Hudson 1928, p. 255, pl. 1, figs 2a-e.
(T152a = fig. 2e; T152b = fig. 2d; T152c = fig. 2c; T152d = fig. 2b;
T152f = fig. 2a; T152e, g unfigured)

Cravenia *tela* Hudson

Paratype

TCD. F48a-c
Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
Rush, Co. Dublin (loc R11b).

Hudson 1928, p. 255, pl. 1, fig. 4, text-fig. 2.
 Figured Smyth 1915, p. 560, pl. 36, fig. 11 (as *Clisiophyllid* sp. nov.).
 (F48a = figs 4, 11; F48b = text-fig. 2; F48c unfigured)

Cravenia tela Hudson

Paratype

TCD. F154a, b
 Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
 Rush, Co. Dublin (loc. R11g).
 Hudson 1928, p. 255, pl. 1, fig. 3.
 (F154a = fig. 3; F154b unfigured)

Cyathoclisia tabernaculum Dingwall

Figured

TCD. F91a-e
 Courceyan Stage, Lower Carboniferous.
 Balscadden Bay, Howth, Co. Dublin.
 Dingwall 1926, p. 15, pl. 3, fig. 6.
 (F91a = fig. 6; F91b-e unfigured)

Cyathoclisia tabernaculum Dingwall

Figured

TCD. F92a-e
 Courceyan Stage, Lower Carboniferous.
 Balscadden Bay, Howth, Co. Dublin.
 Dingwall 1926, p. 15, pl. 3, fig. 7.
 (F92a = fig. 7; F92b-e unfigured)

Cyathoclisia tabernaculum Dingwall

Figured

TCD. F238 – TCD. F240 (parts of same specimen)
 Hook Head Formation, Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 13f).
 Smyth 1930, p. 544, pl. 17, figs 1a, b.
 (F239 = fig. 1a; F240 = fig. 1b; F238 unfigured)

Densiphyllum nodosum Smyth

Type

TCD. T16a-d
 Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
 Rush, Co. Dublin (loc. R11d).
 Smyth 1915, p. 556, pl. 36, fig. 13.
 (T16c = fig. 13; T16a, b, d unfigured)

Densiphyllum rushianum Vaughan

Type

TCD. T10
Cyathaxonia Beds, Asbian Stage, Lower Carboniferous.
 Rush, Co. Dublin (loc. R21d).
 Vaughan 1908, p. 459.
 Figured Vaughan 1906, p. 318, pl. 29, fig. 6 (as *Densiphyllum*).

Densiphyllum aff. *rushianum* Vaughan

Figured

TCD. F42a, b
 Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
 Rush, Co. Dublin.

Smyth 1915, p. 557, pl. 36, fig. 4.
(F42a = fig. 4; F42b unfigured)

Densiphyllum sp.

See *Densiphyllum rushianum*

Dibunophyllum aff. *muirheadi* Thomson & Nicholson

Figured

TCD. F73a-g

Shale at base of *Lithostrotion affine-phillipsi* beds, Asbian Stage,

Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 148, pl. 3, figs 1a-c (specimen 'k').

(F73a = fig. 1a; F73b = fig. 1b; F73c = fig. 1c; F73d-g unfigured)

Dibunophyllum aff. *muirheadi* Thomson & Nicholson

Figured

TCD. F74a-e

Shale at base of *Lithostrotion affine-phillipsi* beds, Asbian Stage,

Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 148, pl. 3, figs 2a, b (specimen 'd').

(F74a = fig. 2a; F74b = fig. 2b; F74c-e unfigured)

Dibunophyllum aff. *muirheadi* Thomson & Nicholson

Figured

TCD. F75a-d

Shale at base of *Lithostrotion affine-phillipsi* beds, Asbian Stage,

Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 148, pl. 3, figs 3a, b (specimen 'μ').

(F75a = figs 3a, b; F75b-d unfigured)

Dibunophyllum aff. *muirheadi* Thomson & Nicholson

Referred

TCD. R10a-g

Shale at base of *Lithostrotion affine-phillipsi* beds, Asbian Stage,

Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno,

Wales.

Smyth 1925b, p. 149 (specimen 'c').

Dibunophyllum (*Histiophyllum*) sp. nov.

Figured

TCD. F78a-f

Beds above *Caninia* Band, ?Asbian/Brigantian Stage, Lower Carboniferous.

300 yds S of lighthouse, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 147, pl. 4, figs 1a, b.

(F78a = figs 1a, b; F78b-f unfigured)

Endophyllum irregulare Smyth

Type

TCD. T24a-c

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M2).

Smyth 1920, p. 20, pl. 1, figs 8a-c.

(T24a = figs 8b, c; T24b = fig. 8a; T24c unfigured)

Endophyllum irregulare Smyth

Figured

TCD. F46a-m

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M2).

Smyth 1920, p. 20, pl. 1, fig. 7.

(Figured specimen now cut into pieces numbered F46a-m)

Endophyllum irregulare Smyth

Figured

TCD. F47

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M2).

Smyth 1920, p. 20, pl. 1, fig. 9.

Fasciculophyllum feltrimensis Hudson

Type

TCD. T15a, b

Lane Limestone, Chadian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin.

Hudson 1966, p. 256.

Figured Smyth 1915, p. 555, pl. 36, fig. 7 (as

Zaphrentis ambigua var. α).

(T15a = fig. 7; T15b unfigured)

Heterophyllia? sp.

Referred

TCD. 9902 – TCD. 9907

'Basal' Shales, Courceyan Stage, Lower Carboniferous.

Feltrim Hill Quarry, Co. Dublin.

Sutherland & Mitchell 1980, p. 8.

Heterophyllia? sp.

Referred

TCD. 9908, TCD. 9909

Intra-reef Shales, Courceyan Stage, Lower Carboniferous.

Feltrim Hill Quarry, Co. Dublin.

Sutherland & Mitchell 1980, p. 8.

Koninckophyllum carlyanense Smyth

Type

TCD. T18a-h

Carlyan Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 558, pl. 37, figs 3a, b.

(T18a = fig. 3a; T18c = fig. 3b; T18b, d-h unfigured)

Koninckophyllum densum Smyth

Type

TCD. T17a-f

Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 557, pl. 36, fig. 1.

(T17d = fig. 1; T17a-c, e, f unfigured)

Lithostroton cyathophylloides Vaughan mut.

Figured

TCD. F62a-g (part of BM.R19586)

Curkeen Limestone, Asbian Stage, Lower Carboniferous.

Quarry, Curkeen Hill, Loughshinny, Co. Dublin.

Vaughan 1906, p. 319, pl. 30, fig. 1b.

Smyth 1937, p. 188, pl. 10, figs 7a-c.

(BM.R19586 = fig. 1b; F62b = fig. 7a; F62c = fig. 7b;

F62f = fig. 7c; F62a, d, e, g unfigured)

Lithostroton cyathophylloides

See *Lophophyllum cyathophylloides*

Lithostroton-like Clisiophyllid

See *Clisiophyllum spissum*

Lonsdalia (sic) *duplicata* Martin

Figured

TCD. F76a-f

Shale at base of *Lithostroton affine-phillipsi* beds,

Asbian Stage, Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno,
Wales.

Smyth 1925b, p. 148, pl. 3, figs 4a, b.

(F76a = fig. 4a; F76b = fig. 4b; F76c-f unfigured)

Lonsdaloid (sic) *Carcinophyllum*

Referred

TCD. R5

Posidonomya Beds, Asbian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L18c).

Vaughan 1908, p. 450.

Lophophyllum cf. *costatum*

See *Rylstonia smythi*

Lophophyllum cyathophylloides Vaughan

Lectotype

TCD. T12, TCD. T25a-d (parts of same specimen)

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Vaughan 1906, p. 319, pl. 30, fig. 1a (as *Lithostroton*
cyathophylloides).

Figured Smyth 1937, p. 184, pl. 10, figs 1a-c.

(T12 = pl. 30, fig. 1a, pl. 10, fig. 1a; T25a = fig. 1c;

T25b = fig. 1b; T25c, d unfigured)

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F19

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11g).

Vaughan 1906, p. 319, pl. 30, fig. 1 (as *Lithostroton*
cyathophylloides).

Referred to Smyth 1937, p. 184.

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F59a-e

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Smyth 1937, p. 184, pl. 10, figs 3a, b.

(F59d = fig. 3b; F59e = fig. 3a; F59a-c unfigured)

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F60a-k

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Smyth 1937, p. 184, pl. 10, figs 2a-c.

(F60e = fig. 2c, F60f = fig. 2b; F60j = fig. 2a; F60a-d, g, h, k unfigured)

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F253a-h

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11b).

Smyth 1937, p. 184, pl. 10, fig. 5.

(F253a = fig. 5; F253b-h unfigured)

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F254, TCD. R4a-m (parts of same specimen)

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Smyth 1937, p. 184, pl. 10, fig. 4.

(F254 = fig. 4; R4 referred only)

Lophophyllum cyathophylloides Vaughan

Figured

TCD. F255a-c

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11d).

Smyth 1937, p. 184, pl. 10, fig. 6.

(F255a = fig. 6; F255b, c unfigured)

Lophophyllum ØVaughan

Figured

TCD. F81a-f

Shale at base of *Lithostrotion affine-phillipsi* beds, Asbian

Stage, Lower Carboniferous.

300 yds W of Pen-morfa Lodge, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 148, pl. 4, figs 4a, b.

(F81a = figs 4a, b; F81b-f unfigured)

Lophophyllum sp.

Figured

TCD. F61a-n

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Smyth 1937, p. 186, pl. 10, figs 8a, b.

(F61b = fig. 8a; F61c = fig. 8b; F61a, d-n unfigured)

- 'Michelinia' antiqua* M'Coy Figured
TCD. F241
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 5n).
Smyth 1930, p. 546, pl. 18, figs 1a, b.
- 'Michelinia' antiqua* M'Coy Figured
TCD. F242
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 5n).
Smyth 1930, p. 546, pl. 18, fig. 2.
- 'Michelinia' antiqua* M'Coy Figured
TCD. F243 — TCD. F245 (parts of same specimen)
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28w).
Smyth 1930, p. 546, pl. 18, figs 3a-c, pl. 19, fig. 1.
(F243 = figs 3a, b; F244 = fig. 3c, pl. 19, fig. 1; F245 unfigured)
- 'Michelinia' antiqua* M'Coy Figured
TCD. F246, TCD. F247 (parts of same specimen)
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28w).
Smyth 1930, p. 546, pl. 19, fig. 2.
(F246 = fig. 2; F247 unfigured)
- 'Michelinia' antiqua* M'Coy Referred
TCD.R250
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28f).
Smyth 1933, p. 174.
- Michelinia cladophora* Smyth Holotype
TCD. T213
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
800 yds ENE of lighthouse, Hook Head, Co. Wexford (loc. 14f).
Smyth 1930, p. 550, pl. 19, fig. 5.
- Michelinia cladophora* Smyth Figured
TCD. F217
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17k).
Smyth 1930, p. 550, pl. 19, fig. 4.
- Michelinia cladophora* Smyth Figured
TCD. F218
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 16f).
Smyth 1930, p. 550, pl. 19, fig. 6.

- Michelinia cladophora* Smyth Figured
TCD. F219
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14π).
Smyth 1930, p. 550, pl. 19, fig. 7.
- Michelinia cladophora* Smyth Figured
TCD. F220
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14f).
Smyth 1930, p. 550, pl. 19, fig. 8.
- Michelinia cladophora* Smyth Figured
TCD. F221
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 13f).
Smyth 1930, p. 550, pl. 19, fig. 9.
- Michelinia cladophora* Smyth Figured
TCD. 222, TCD. F223 (parts of same specimen)
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 13k).
Smyth 1930, p. 550, pl. 19, fig. 10.
(F223 = fig. 10; F222 unfigured)
- Michelinia cladophora* Smyth Figured
TCD. F224, TCD. F225 (parts of same specimen)
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14f).
Smyth 1930, p. 550, pl. 19, fig. 11.
(F225 = fig. 11; F224 unfigured)
- Michelinia gracilis* Smyth Type
TCD. T21
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13d).
Smyth 1920, p. 18, pl. 1, fig. 5.
- Michelinia gracilis* Smyth Figured
TCD. F23 – TCD. F25 (parts of same specimen)
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13).
Smyth 1920, p. 18, text-figs 1/1-7.
(F23 = figs 1/1-3; F24 = figs 1/4-6; F25 = fig. 1/7)
- Michelinia gracilis* Smyth Figured
TCD. F26
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13).
Smyth 1920, p. 18, text-fig. 1/8.

- Michelinia gracilis* Smyth Referred
TCD. R3
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13).
Smyth 1920, p. 18.
- Michelinoid coral Referred
TCD. R251
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12a).
Smyth 1933, p. 175.
- Nemistium edmondsi* Smith Paratype
TCD. 19985
Orionastraea band, Fourth Limestone, Brigantian Stage,
Lower Carboniferous.
Eskett Quarry, nr. Winder Station, 2 miles NE of Frizington,
Cumbria, England.
Smith 1928, p. 116.
- Orionastraea rete* Hudson Figured
TCD. 19640a-c
Brigantian Stage, Lower Carboniferous.
Beds above W face of quarry, 73m at 113° from nearby building,
McEwan's Quarry, 300m N of Black Castle, townland of
Killaree, 6.4 km NW of Kilkenny City, Co. Kilkenny (Nat. Grid
Ref. S455610).
Nudds 1979, p. 66, text-fig. 2.
(19640c = fig. 2; 19640a, b unfigured)
- Orionastraea rete* Hudson Referred
TCD. 19627, TCD. 19628a-i
Brigantian Stage, Lower Carboniferous.
Clare County Council roadstone Quarry, townland of
Ballyinsheen More, 1.6km N of Lisdoonvarna on Ballyvaughan
road (Nat. Grid Ref. R150995).
Nudds 1979, p. 67.
- Palaeacis axinoides* Smyth Holotype
TCD. T159
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, figs 1a-c.
- Palaeacis axinoides* Smyth Figured
TCD. F160
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, fig. 2.

- Palaeacis axinoides* Smyth Figured
TCD. F161
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 16z).
Smyth 1929, p. 126, pl. 6, fig. 3.
- Palaeacis axinoides* Smyth Figured
TCD. F162
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, fig. 4.
- Palaeacis axinoides* Smyth Figured
TCD. F163
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, fig. 5.
- Palaeacis axinoides* Smyth Figured
TCD. F164
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, fig. 6.
- Palaeacis axinoides* Smyth Figured
TCD. F165
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, fig. 7.
- Palaeacis axinoides* Smyth Figured
TCD. F166
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, figs 8a-c.
- Palaeacis axinoides* Smyth Figured
TCD. F167
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 6, figs 9a-c.
- Palaeacis axinoides* Smyth Figured
TCD. F168
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10a.
- Palaeacis axinoides* Smyth Figured
TCD. F169

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10b.

Palaeacis axinoides Smyth

Figured

TCD. F170

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10c.

Palaeacis axinoides Smyth

Figured

TCD. F171

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10d.

Palaeacis axinoides Smyth

Figured

TCD. F172

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10e.

Palaeacis axinoides Smyth

Figured

TCD. F173

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10f.

Palaeacis axinoides Smyth

Figured

TCD. F174

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10g.

Palaeacis axinoides Smyth

Figured

TCD. F175

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10h.

Palaeacis axinoides Smyth

Figured

TCD. F176

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c or 13b).
Smyth 1929, p. 126, pl. 6, fig. 10i.

Palaeacis axinoides Smyth

Figured

TCD. F178

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 13c).

Smyth 1929, p. 126, pl. 6, fig. 12.

Palaeacis axinoides Smyth

Figured

TCD. F179a, b

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 19c).

Smyth 1929, p. 126, pl. 7, figs 1, 5.

(F179a = fig. 1; F179 = fig. 5)

Palaeacis axinoides Smyth

Figured

TCD. F180

Lyraun Cove Shale Member, Porter's Gate Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 3h).

Smyth 1929, pl. 7, fig. 2.

Palaeacis axinoides Smyth

Figured

TCD. F181a-g

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 19c).

Smyth 1929, p. 126, pl. 7, figs 3, 4.

(F181d = figs 3, 4; F181a-c, e-g unfigured)

Palaeacis axinoides Smyth

Figured

TCD. F182

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 14y).

Smyth 1929, p. 126, pl. 7, fig. 7.

Palaeacis axinoides Smyth

Figured

TCD. F183

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 16z).

Smyth 1929, p. 126, pl. 7, fig. 8.

Palaeacis axinoides Smyth

Figured

TCD. F184

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 19c).

Smyth 1929, p. 126, pl. 7, fig. 9.

Palaeacis axinoides Smyth

Figured

TCD. F185

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 14y).

Smyth 1929, p. 126, pl. 8, fig. 1.

Palaeacis axinoides Smyth

Figured

TCD. F186

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 16z).
Smyth 1929, p. 126, pl. 8, figs 2, 3.

Palaeacis axinoides Smyth

Figured

TCD. F187a-d
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 19c).
Smyth 1929, p. 126, pl. 8, figs 4, 5.
(F187b = fig. 5; F187d = fig. 4; F187a, c unfigured)

Palaeacis axinoides Smyth

Figured

TCD. F188
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 16z).
Smyth 1929, p. 126, pl. 8, fig. 6.

Palaeacis axinoides Smyth

Figured

TCD. F189
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 14y).
Smyth 1929, p. 126, pl. 8, fig. 7.

Palaeacis axinoides Smyth

Figured

TCD. F190
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 16z).
Smyth 1929, p. 126, pl. 8, fig. 8.

Palaeacis axinoides smythi Hudson

Type

TCD. F177
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 12c).
Hudson 1966, p. 257.
Figured Smyth 1929, p. 126, pl. 6, fig. 11 (as *Palaeacis axinoides*).

Palaeacis axinoides

See *Palaeacis axinoides smythi*

Rhodophyllum sp. nov.

Figured

TCD. F79a-f
Lighthouse horizon, Asbian Stage, Lower Carboniferous.
190 yds SW of lighthouse, Great Orme's Head, Llandudno, Wales.
Smyth 1925b, p. 147, pl. 4, figs 2a, b.
(F79a = fig. 2a; F79b = fig. 2b; F79c-f unfigured)

Rylstonia benecompecta mut. *tenuicolumna* mut. n. Smyth

Holotype

TCD. T209 — TCD. T212 (parts of same specimen)
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
170 yds W of Loftus Hall, Hook Head, Co. Wexford (loc. 28w).

Smyth 1930, p. 552, pl. 17, figs 2a-f.
(T209 = figs 2a, b; T210 = fig. 2c; T211 = figs d-f;
T212 unfigured)

Rylstonia benecompecta mut. *tenuicolumna* mut. n. Smyth Figured
TCD. F214
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28a).
Smyth 1930, p. 552, pl. 17, fig. 5.

Rylstonia benecompecta mut. *tenuicolumna* mut. n. Smyth Figured
TCD. F215
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28f).
Smyth 1930, p. 552, pl. 17, figs 3a, b.

Rylstonia benecompecta mut. *tenuicolumna* mut. n. Smyth Figured
TCD. F216
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
170 yds W of Loftus Hall, Hook Head, Co. Wexford (loc. 28w).
Smyth 1930, p. 552, pl. 17, figs 4a, b.

Rylstonia smythi Hudson Type
TCD. F52a-c
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13).
Hudson 1966, p. 256.
Figured Smyth 1920, p. 21, pl. 1, fig. 6 (as *Lophophyllum*
cf. *costatum*).
(F52b = fig. 6; F52a, c unfigured)

Salpingium palinorsum Smyth Holotype
TCD. T153a-j
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
S of Doornoge Bay, 250 yds N of lighthouse, Hook Head,
Co. Wexford (loc. 17w).
Smyth 1928, p. 39, pl. 1, figs 1-4.
(T153a = fig. 1; T153f = figs 2, 3; T153g = fig. 4; T153b-e,
h-j unfigured)

Salpingium palinorsum Smyth *Paratype
TCD. F155
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
S of Doornoge Bay, 250 yds N of lighthouse, Hook Head, Co.
Wexford (loc. 17w).
Smyth 1928, p. 39, pl. 1, fig. 6, pl. 2, fig. 5.

Salpingium palinorsum Smyth Paratype
TCD. F156a-g
Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, 250 yds N of lighthouse, Hook Head,
Co. Wexford (loc. 17w).
Smyth 1928, p. 39, pl. 2, figs 1-4.
(F156a = figs 1, 2; F156b = figs 3, 4; F156c-g unfigured)

Salpingium palinorsum Smyth

Paratype

TCD. F157a-e
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
S of Doornoge Bay, 250 yds N of lighthouse, Hook Head,
Co. Wexford (loc. 17w).
Smyth 1928, p. 39, pl. 2, fig. 6.
(F157a = fig. 6; F157b-e unfigured)

Salpingium palinorsum Smyth

Paratype

TCD. F158a-h
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
S of Doornoge Bay, 250 yds N of lighthouse, Hook Head,
Co. Wexford (loc. 17k).
Smyth 1928, p. 39, pl. 2, fig. 7.
(F158 = fig. 7; F158b-h unfigured)

Syringopora cf. *reticulata* Goldfuss

Figured

TCD. F57
Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.
Rush, Co. Dublin (loc. R10k).
Vaughan 1906, p. 313, pl. 29, fig. 1.

Vaughania vetus Smyth

Figured

TCD. F131
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 20, fig. 2.

Vaughania vetus Smyth

Figured

TCD. F132
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 20, fig. 4.

Vaughania vetus Smyth

Figured

TCD. F133
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 20, fig. 6.

Vaughania vetus Smyth

Figured

TCD. F134
Hook Head Formation, Courcyeen Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 1.

- Vaughania vetus* Smyth Figured
TCD. F135
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 7, pl. 22, fig. 3d.
- Vaughania vetus* Smyth Figured
TCD. F136
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 5a).
Smyth 1927, p. 424, pl. 21, fig. 8.
- Vaughania vetus* Smyth Figured
TCD. F137
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 9.
- Vaughania vetus* Smyth Figured
TCD. F138
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 4m).
Smyth 1927, p. 424, pl. 21, fig. 11.
- Vaughania vetus* Smyth Figured
TCD. F139
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 10.
- Vaughania vetus* Smyth Figured
TCD. F140
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 12.
- Vaughania vetus* Smyth Figured
TCD. F141
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 2a.
- Vaughania vetus* Smyth Figured
TCD. F142
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 21, fig. 2b.
- Vaughania vetus* Smyth Figured
TCD. F143a-g

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 30r).
Smyth 1927, p. 424, pl. 22, fig. 2a.
(F143a = fig. 2a; F143b-g unfigured)

Vaughania vetus Smyth

Figured

TCD. F144

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 13b).
Smyth 1927, p. 424, pl. 22, fig. 3c.

Vaughania vetus Smyth

Figured

TCD. F145

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 22, fig. 3b.

Vaughania vetus Smyth

Figured

TCD. F146

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 424, pl. 22, fig. 3a.

Vaughania vetus Smyth

Figured

TCD. F147

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 4d).
Smyth 1927, p. 424, pl. 22, fig. 2b.

Vaughania vetus Smyth

Referred

TCD. R148

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1927, p. 425.

Zaphrentis ambigua var. α

See *Fasciculophyllum feltrimensis*

Zaphrentis constricta Carruthers

Figured

TCD. F236, TCD. F237 (parts of same specimen)

Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 17w).
Smyth 1930, p. 541, pl. 16, figs 5a, b.
(F237 = figs 5a, b; F236 unfigured)

Zaphrentis cf. *constricta* Carruthers

Figured

TCD. F40a-e

Kate Rocks Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 555, pl. 36, figs 8a, b.

(F40a = fig. 8a; F40b = fig. 8b; F40c-e unfigured)

Zaphrentis cylindrica Scouler Figured

TCD. 21423

Lower Carboniferous.

Locality unknown.

Haughton 1865, p. 193, text-fig. 11.

Zaphrentis cf. *densa* Carruthers Figured

TCD. F44a, b

Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 554, pl. 36, fig. 3.

(F44a = fig. 3; F44b unfigured)

Zaphrentis cf. *disjuncta* Carruthers Figured

TCD. F43a-c

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R10m).

Smyth 1915, p. 555, pl. 36, fig. 12.

(F43b = fig. 12; F43a, c unfigured)

Zaphrentis enniskilleni Milne Edwards & Haime Figured

TCD. F58 (part of BM. R 19599)

Posidonomya Beds, Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L5j).

Vaughan 1908, p. 456, pl. 49, fig. 13.

(BM. R19599 = fig. 13; F58 unfigured)

Zaphrentis cf. *enniskilleni* Milne Edwards & Haime Figured

TCD. F55a-c

Rush Conglomerate Series, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R11a).

Smyth 1915, p. 556, pl. 36, fig. 14.

(F55a = fig. 14; F55b, c unfigured)

Zaphrentis cf. *enniskilleni* Milne Edwards & Haime Figured

TCD. F56a-d

Kate Rocks Limestone, Arundian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Smyth 1915, p. 556, pl. 36, fig. 9.

(F56b = fig. 9; F56a, c, d unfigured)

Zaphrentis junctoseptata Smyth Type

TCD. T22

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M13).

Smyth 1920, p. 19, pl. 1, figs 4a, b.

Zaphrentis junctoseptata Smyth Figured

TCD. F20

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M13).

Smyth 1920, p. 19, pl. 1, figs 1a-c.

Zaphrentis junctoseptata Smyth

Figured

TCD. F21

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. M13).

Smyth 1920, pl. 1, fig. 2.

Zaphrentis junctoseptata Smyth

Figured

TCD. F22

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (M13).

Smyth 1920, p. 19, pl. 1, fig. 3.

Zaphrentis omaliusi var. *densa* Carruthers

Holotype

TCD. T11

Courceyan Stage, Lower Carboniferous.

Malahide, Co. Dublin (loc. i).

Carruthers 1908, p. 29, pl. 4, figs 7, 7a, b.

Zaphrentis cf. *oystermouthensis* Vaughan

Figured

TCD. F80a-c

Bishop's Quarry Beds, Brigantian Stage, Lower Carboniferous.

Quarry, 390 yds E of summit, Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 143, pl. 4, figs 3a-c.

(F80a = figs 3a-c; F80b, c unfigured)

Bryozoa

Tabulipora howsei Nicholson var. nov.

Referred

TCD. R11a-g

Lithostrotion affine-phillipsi Beds, Asbian Stage, Lower

Carboniferous.

Great Orme's Head, Llandudno, Wales.

Smyth 1925b, p. 150.

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JOHN R. NUDDS,
Department of Geology,
Trinity College, Dublin.

CATALOGUE OF TYPE, FIGURED AND REFERRED FOSSILS IN
THE GEOLOGICAL MUSEUM OF TRINITY COLLEGE,
DUBLIN: PART 2
(BRACHIOPODA, MOLLUSCA)

JOHN R. NUDDS

(Received April 7th 1982)

Brachiopoda

Actinoconchus (?) sp.

Figured

TCD. F33

Upper *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. L8p).

Vaughan 1908, p. 470, pl. 50, fig. 10.

Athyris cf. *planosulcata* Phillips

Figured

TCD. F37

Lower *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. L5k).

Vaughan 1908, p. 469, pl. 50, fig. 6.

Atrypa ? *headii* var. *anglica*

See *Catazyga anglica*

Brochocarina wexfordensis Smyth

Holotype

TCD. T196

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, Hook Head, Co. Wexford (loc. 17w).

Smyth 1930, p. 555, pl. 15, fig. 6 (as *Schuchertella wexfordensis*).

Brunton 1968, p. 34, pl. 4, figs 25, 26.

Brochocarina wexfordensis Smyth

Figured

TCD. F199

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, Hook Head, Co. Wexford (loc. 17w).

Smyth 1930, p. 555, pl. 15, fig. 9 (as *Schuchertella wexfordensis*).

Brunton 1968, p. 34, pl. 4, fig. 24.

Catazyga anglica Davidson

Lectotype

TCD. 14729 (old no. GSI/JCH/3)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, pl. 22, fig. 2 (as *Atrypa ? headii* var. *anglica*).

Figured Harper 1952, p. 98, pl. 6, fig. 16.

Referred to Cocks 1978, p. 155, 185.

Catazyga anglica Davidson

Paralectotype

TCD. 14727 (old no. GSI/JCH/2136M)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, pl. 22, fig. 6 (as *Atrypa ? headii* var. *anglica*).

Figured Harper 1952, p. 98, pl. 6, fig. 17.

Referred to Cocks 1978, p. 185.

Catazyga anglica Davidson

Paralectotype

TCD. 14728 (old no. GSI/JCH/5)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, pl. 22, figs 7, 7a (as *Atrypa ? headii* var. *anglica*).

Figured Harper 1952, p. 98, pl. 6, fig. 18.

Referred to Cocks 1978, p. 185.

Catazyga anglica Davidson

Paralectotype

TCD. 14730 (old no. GSI/JCH/4)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, pl. 22, figs 4, 5 (as *Atrypa ? headii* var. *anglica*).

Figured Harper 1952, p. 98, pl. 6, fig. 15.

Referred to Cocks, 1978, p. 185.

(Cited by Cocks as 14738)

Catazyga anglica Davidson

Paralectotype

TCD. 14733 (old no. GSI/JCH/7)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, pl. 22, figs 1, 1a (as *Atrypa ? headii* var. *anglica*).

Referred to Harper 1952, p. 99.

Referred to Cocks 1978, p. 185.

Chonetes cf. *gibberulus* M'Coy

Referred

TCD. 374, TCD. 394 (part and counterpart), TCD. 393

Arnsbergian Stage, Upper Carboniferous.

1120 yds at 308° from Walshestown House, 5 miles WSW of

Skerries, Co. Dublin (loc. N1).

Smyth 1950, p. 315.

- 'Chonetes' cf. politus* M'Coy Referred
TCD. 374, TCD. 377 (part and counterpart)
Arnsbergian Stage, Upper Carboniferous.
1120 yds at 308° from Walshestown House, 5 miles WSW of
Skerries, Co. Dublin (loc. N1).
Smyth 1950, p. 316.
(374 referred; 377 unreferred)
- Chonetes squamata* Smyth Type
TCD. T20
Rush Conglomerate 'Series', Chadian Stage, Lower Carboniferous.
Rush, Co. Dublin (loc. R11a).
Smyth 1915, p. 561, pl. 36, fig. 15.
- Chonetipustula ? cf. carringtoniana* Davidson Figured
TCD. 349, TCD. 350 (part and counterpart)
Arnsbergian Stage, Upper Carboniferous.
Locality N1, small opening in field, 180 yds WSW of cross roads,
½ mile S of Curragh Bridge, 5½ miles W of Skerries, Co. Dublin.
Muir-Wood 1948, p. 43, pl. 2, figs 1, 2, 2a.
(349 = fig. 1; 350 = figs 2, 2a)
- Holcospirifer bigugosus* M'Coy Figured
TCD. 13655
Ferriters Cove Formation, Wenlock Series, Silurian.
Coonakeel, N side of Ferriters Cove, 290 m E of Ferriters
Castle, Dingle Peninsula, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 622, pl. 94, figs 7a, b.
- Holcospirifer bigugosus* M'Coy Figured
TCD. 13656
Ferriters Cove Formation, Wenlock Series, Silurian.
N side of Ferriters Cove, 290 m ENE of Coonakeel, Dingle
Peninsula, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 622, pl. 94, figs 8a, b.
- Holcospirifer bigugosus* M'Coy Figured
TCD. 13657
Clogher Head Formation, Wenlock Series, Silurian.
Cliff-top exposure, W of Dunquin, 220 m N of Redcliff Cove,
Dingle Peninsula, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 622, pl. 95, figs 2a-d.
- Holcospirifer bigugosus* M'Coy Figured
TCD. 13658
Clogher Head Formation, Wenlock Series, Silurian.
Cliff-top exposure, W of Dunquin, 220 m N of Redcliff Cove,
Dingle Peninsula, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 622, pl. 95, figs 5a-c.

Holcospirifer bigugosus M'Coy Figured
 TCD. 13659
 Clogher Head Formation, Wenlock Series, Silurian.
 Ferriters Cove, Dingle Peninsula, Co. Kerry.
 Bassett, Cocks & Holland 1976, p. 622, pl. 95, figs 3a-c.

Holcospirifer bigugosus M'Coy Figured
 TCD. 13660 a, b
 Clogher Head Formation, Wenlock Series, Silurian.
 Ferriters Cove, Dingle Peninsula, Co. Kerry.
 Bassett, Cocks & Holland 1976, p. 622, pl. 95, figs 4a-d.

Holcospirifer bigugosus M'Coy Figured
 TCD. 13661
 Clogher Head Formation, Wenlock Series, Silurian.
 Ferriters Cove, Dingle Peninsula, Co. Kerry.
 Bassett, Cocks & Holland 1976, p. 622, pl. 95, figs 6a-d.

Leptestia jukesii Davidson Lectotype
 TCD. 14724 (old no. GSI/JCH/4944)
 Upper tuffs and shales, Grangegeeth Volcanic 'Series',
 Caradoc Series, Ordovician.
 Grangegeeth, Co. Meath (loc. 1).
 Davidson 1866-71, p. 296, pl. 37, fig. 24 (as *Strophomena jukesii*).
 Figured Harper 1952, p. 101, pl. 6, fig. 2.
 Referred to Cocks 1978, p. 91, 197.

Leptestia jukesii Davidson Paralectotype
 TCD. 14725 (old no. GSI/JCH/4901)
 Upper tuffs and shales, Grangegeeth Volcanic 'Series',
 Caradoc Series, Ordovician.
 Grangegeeth, Co. Meath (loc. 1).
 Davidson 1866-71, p. 296, pl. 37, figs 25, 26 (as *Strophomena jukesii*).
 Figured Harper 1952, p. 101, pl. 6, fig. 1.
 Referred to Cocks 1978, p. 197.

Leptestia jukesii Davidson Paralectotype
 TCD. 14726 (old no. GSI/JCH/2)
 Upper tuffs and shales, Grangegeeth Volcanic 'Series',
 Caradoc Series, Ordovician.
 Grangegeeth, Co. Meath (loc. 1).
 Davidson 1866-71, p. 296, pl. 37, fig. 23 (as *Strophomena jukesii*).
 Referred to Harper 1952, p. 102.
 Referred to Cocks 1978, p. 197.

Martinia glabra, mut. P. Vaughan Figured
 TCD. F34
 Upper *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.
 Loughshinny, Co. Dublin (loc. L8p).
 Vaughan 1908, p. 468, pl. 50, fig. 8.

***Martinia ovaliglabra* Vaughan**

Type

TCD. T23

Lower *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L5m).

Vaughan 1908, p. 468, pl. 50, fig. 5.

***Oepikina celtica* Harper**

Holotype

TCD. 14742 (old no. GSI/JCH/4975)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Harper 1952, p. 103, pl. 6, fig. 11 (as *Öpikina celtica*).

Figured Davidson 1866-71, p. 292, pl. 42, figs 3, 3a, b

(as *Strophomena deltoidea*).

Referred to Cocks 1978, p. 121, 199.

***Oepikina celtica* Harper**

Paratype

TCD. 14743 (old no. GSI/JCH/17)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Harper 1952, p. 103, pl. 6, fig. 10 (as *Öpikina celtica*).

Figured Davidson 1866-71, p. 292, pl. 42, figs 4, 4a

(as *Strophomena deltoidea*).

Referred to Cocks 1978, p. 199.

***Oepikina celtica* Harper**

Figured

TCD. 14737 (old no. GSI/4931M)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Davidson 1866-71, p. 292, pl. 42, figs 1, 1a-c

(as *Strophomena deltoidea*).

Referred to Cocks 1978, p. 199.

***Opikina bailyi* Harper**

Holotype

TCD. 14734 (old no. GSI/JCH/4998)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Harper 1952, p. 104, pl. 6, fig. 12.

Referred to Cocks 1978, p. 121.

***Opikina bailyi* Harper**

Paratype

TCD 14735 (old no. GSI/JCH/4880)

Upper tuffs and shales, Grangegeeth Volcanic 'Series',

Caradoc Series, Ordovician.

Grangegeeth, Co. Meath (loc. 1).

Harper 1952, p. 104, pl. 6, fig. 13.

Öpikina celtica

See *Oepikina celtica*

Orthis bailyana

See *Platystrophia bailyana*

Plagiorhyncha ? beltiana Davidson

Lectotype

TCD. 14745 (old no. GSI/SB/26)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.

Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c

(as *Rhynchonella ? beltiana*).

Referred to Cocks 1978, p. 153, 187.

(Figs 22, 22a-c based on 14745-14750)

Plagiorhyncha ? beltiana Davidson

Paralectotype

TCD. 14746 (old no. GSI/SB/24)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.

Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c

(as *Rhynchonella ? beltiana*).

Referred to Cocks 1978, p. 187.

Plagiorhyncha ? beltiana Davidson

Paralectotype

TCD. 14747 (old no. GSI/SB/15)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.

Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c

(as *Rhynchonella ? beltiana*).

Referred to Cocks 1978, p. 187.

Plagiorhynchia ? beltiana Davidson

Paralectotype

TCD. 14748 (old no. GSI/SB/19)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.

Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c

(as *Rhynchonella ? beltiana*).

Referred to Cocks 1978, p. 187.

Plagiorhynchia ? beltiana Davidson

Paralectotype

TCD. 14749 (old no. GSI/SB/18)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.

Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c

(as *Rhynchonella ? beltiana*).

Referred to Cocks 1978, p. 187.

Plagiorhynchia ? beltiana Davidson

Paralectotype

TCD. 14750 (old no. GSI/SB/17)

Wenlock or Ludlow Series, Silurian.

W side of Cahireconree, Anascaul, Co. Kerry.
Davidson 1866-71, p. 189, pl. 24, figs 22, 22a-c
(as *Rhynchonella ? beltiana*).
Referred to Cocks 1978, p. 187.

Platystrophia bailyana Davidson
TCD. 14740 (old no. GSI/4044M)
Caradoc Series, Ordovician.
Ballybro, 1 mile N of Tagoate, Co. Wexford.
Davidson 1866-71, p. 223, pl. 29, figs 20, 20a
(as *Orthis bailyana*).
Referred to Cocks 1978, p. 55, 190.

Lectotype

Platystrophia bailyana Davidson
TCD. 14739 (old no. GSI/4014M)
Caradoc Series, Ordovician.
Ballybro, 1 mile N of Tagoate, Co. Wexford.
Davidson 1866-71, p. 223, pl. 29, figs 19, 19a
(as *Orthis bailyana*).
Referred to Cocks 1978, p. 190.

Paralectotype

Productorthis mitchelli Williams
TCD. 443a, b
Upper tuffs and shales, Grangegeeth Volcanic 'Series',
Upper Ordovician.
Grangegeeth, Co. Meath.
Williams 1956, p. 179, pl. 9, figs 1-7, text-figs 1-4.

Holotype

Productus hibernicus Muir-Wood
TCD. 352 (counterpart of BM. BB9376)
Arnsbergian Stage, Upper Carboniferous.
Locality N1, small opening in field, 180 yds WSW of
cross roads, ½ mile S of Curragh Bridge, 5½ miles
W of Skerries, Co. Dublin.
Muir-Wood 1948, p. 45, pl. 2, fig. 6.

Holotype

Productus hibernicus Muir-Wood
TCD. 351 (counterpart of BM. BB9374)
Arnsbergian Stage, Upper Carboniferous.
Locality N1, small opening in field, 180 yds WSW of
cross roads, ½ mile S of Curragh Bridge, 5½ miles
W of Skerries, Co. Dublin.
Muir-Wood 1948, p. 45, pl. 2, fig. 3.

Paratype

Productus hibernicus Muir-Wood
TCD. 353 (counterpart of BM. BB9375)
Arnsbergian Stage, Upper Carboniferous.
Locality N1, small opening in field, 180 yds WSW of
cross roads, ½ mile S of Curragh Bridge, 5½ miles
W of Skerries, Co. Dublin.

Paratype

Muir-Wood 1948, p. 45, pl. 2, figs 7, 7a.

Productus hibernicus Muir-Wood

Paratype

TCD. 354 (counterpart of BM. BB9372)

Arnsbergian Stage, Upper Carboniferous.

Locality N1, small opening in field, 180 yds WSW of cross roads, ½ mile S of Curragh Bridge, 5½ miles W of Skerries, Co. Dublin.

Muir-Wood 1948, p. 45, pl. 2, fig. 5.

Productus hibernicus Muir-Wood

Paratype

TCD. 355 (counterpart of BM. BB9373)

Arnsbergian Stage, Upper Carboniferous.

Locality N1, small opening in field, 180 yds WSW of cross roads, ½ mile S of Curragh Bridge, 5½ miles W of Skerries, Co. Dublin.

Muir-Wood 1948, p. 45, pl. 2, fig. 4.

Productus striatus Fischer

Figured

TCD. F32

Lower *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L5j).

Vaughan 1908, p. 466, pl. 50, fig. 2.

Productus 'x'

Referred

TCD. R13

Bishop's Quarry Beds, Brigantian Stage, Lower Carboniferous.

Great Orme's Head, Llandudno, Wales.

Smyth 1925, p. 144.

Productus sp. nov.

Referred

TCD. R12

Lithostroton affine-phillipsi Beds, Asbian Stage,

Lower Carboniferous.

Great Orme's Head, Llandudno, Wales.

Smyth 1925, p. 151.

Rhipidium hibernicum Bassett, Cocks & Holland

Holotype

TCD. 13646 a, b

Drom Point Formation, Wenlock Series, Silurian.

Northernmost cliffs of Great Blasket Island, Co. Kerry.

Bassett, Cocks & Holland 1976, p. 616, pl. 93, figs 1a-d.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13647

Drom Point Formation, Wenlock Series, Silurian.

Northernmost cliffs of Great Blasket Island, Co. Kerry.

Bassett, Cocks & Holland 1976, p. 616, pl. 93, figs 2a-d.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13648

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 93, fig. 3.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13649

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 93, fig. 5.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13650

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 93, fig. 6.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13651

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 94, fig. 1.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13652

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 94, figs 2a, b.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13653

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 94, fig. 4.

Rhipidium hibernicum Bassett, Cocks & Holland

Paratype

TCD. 13654

Drom Point Formation, Wenlock Series, Silurian.
Northernmost cliffs of Great Blasket Island, Co. Kerry.
Bassett, Cocks & Holland 1976, p. 616, pl. 94, figs 5a-c.

Rhynchonella ? beltiana

See *Plagiorrhyncha ? beltiana*

Schelwienella aspis Smyth

Holotype

TCD. T191

Hook Head Formation, Courcayan Stage, Lower Carboniferous.
100 yds NE of Brecaun Church, Portersgate, Hook Head,
Co. Wexford (loc. 5a).
Smyth 1930, p. 553, pl. 15, fig. 1.

Schelwienella aspis Smyth

Figured

TCD. F192

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 29f).

Smyth 1930, p. 553, pl. 15, fig. 2.

Schelwienella aspis Smyth

Figured

TCD. F193

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 30c).

Smyth 1930, p. 553, pl. 15, fig. 3.

Schelwienella aspis Smyth

Figured

TCD. F194

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 28f).

Smyth 1930, p. 553, pl. 15, fig. 4.

Schelwienella aff. *aspis* Smyth

Figured

TCD. F195

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 13f).

Smyth 1930, p. 553, pl. 16, figs 6a, b.

Schizophoria resupinata Martin

Figured

TCD. F31

Middle *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.

Loughshinny, Co. Dublin (loc. L7c).

Vaughan 1908, p. 470, pl. 50, fig. 7.

Schuchertella wexfordensis Smyth

Figured

TCD. F197

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, Hook Head, Co. Wexford (loc. 17w).

Smyth 1930, p. 555, pl. 15, fig. 5.

Schuchertella wexfordensis Smyth

Figured

TCD. F198

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, Hook Head, Co. Wexford (loc. 17w).

Smyth 1930, p. 555, pl. 15, fig. 8.

Schuchertella wexfordensis Smyth

Figured

TCD. F200

Hook Head Formation, Courceyan Stage, Lower Carboniferous.

S of Doornoge Bay, Hook Head, Co. Wexford (loc. 17w).

Smyth 1930, p. 555, pl. 15, fig. 7.

Schuchertella wexfordensis

See *Brochocarina wexfordensis*

- Spirifer* cf. *convolutus* Phillips Figured
TCD. F35
Middle *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. L6c).
Vaughan 1908, p. 468, pl. 50, fig. 4.
- Spirifer* cf. *convolutus* Phillips Figured
TCD. F39
Rush Slates, Courceyan Stage, Lower Carboniferous.
Rush, Co. Dublin (loc. R6b).
Smyth 1915, p. 562, pl. 37, fig. 6.
- Spirifer* aff. *princeps* M'Coy Figured
TCD. F206
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 4m).
Smyth 1930, p. 558, pl. 15, fig. 15.
- Spirifer tornacensis* de Koninck Figured
TCD. F204
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 32a).
Smyth 1930, p. 558, pl. 15, fig. 13.
- Spirifer tornacensis* de Koninck Figured
TCD. F205
Hook Head Formation, Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 32a).
Smyth 1930, p. 558, pl. 15, fig. 14.
- Spirifer* sp. Figured
TCD. F38
Holmpatrick Limestone, Arundian Stage, Lower Carboniferous.
Rush, Co. Dublin.
Smyth 1915, p. 562, pl. 36, fig. 6.
- Spiriferina insculpta* Phillips Figured
TCD. F36
Upper *Posidonomya* Beds, Brigantian Stage, Lower Carboniferous.
Loughshinny, Co. Dublin (loc. L8p).
Vaughan 1908, p. 468, pl. 50, fig. 9.
- Strophomena deltoidea*
See *Opikina celtica*
- Strophomena jukesii*
See *Leptestia jukesii*
- Syringothyris subconica* Martin Figured
TCD. F27

Cyathaxonia Beds, Asbian Stage, Lower Carboniferous.

Rush, Co. Dublin (loc. R21d).

Vaughan 1906, p. 311, pl. 30, fig. 7.

Tylothyris laminosa M'Coy

Figured

TCD. F201

Hook Head Formation, Courcayan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 13c).

Smyth 1930, p. 559, pl. 15, fig. 12.

Tylothyris laminosa M'Coy

Figured

TCD. F202

Hook Head Formation, Courcayan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 16a).

Smyth 1930, p. 559, pl. 15, fig. 10.

Tylothyris laminosa M'Coy

Figured

TCD. F203

Hook Head Formation, Courcayan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 13b).

Smyth 1930, p. 559, pl. 15, fig. 11.

Mollusca: Bivalvia

? *Ambonychia* sp.

Referred

TCD. 7828

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnickliff 1980, p. 76.

Arca cylindrica Portlock

See *Nuculites cylindricus*

Arca subtruncata Portlock

See *Deceptrix subtruncata*

Cardiobeleba lavina Kříž

Paratype

TCD. 12424

C. centrifugus to *C. murchisoni* zones, Trewern Brook

Mudstone Formation, Wenlock Series, Silurian.

Buttington Brickwords Quarry, 2¾ miles NE of Welshpool,

Powys, Wales (Nat. Grid Ref. SJ 264 099).

Kříž 1979, p. 44, pl. 1, figs 2, 3.

(Cited by Kříž as 12425)

Deceptrix subtruncata Portlock

Syntype

TCD. 14763

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Portlock 1843, p. 427 (as *Arca subtruncata*).

Referred to Tunnicliff 1980, p. 77.

Deceptrix subtruncata Portlock

Referred

TCD. 7853

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 76.

? *Deceptrix* sp.

Referred

TCD. 7854

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 76.

Dunbarella sp.

Referred

TCD. 375, TCD. 376 (part and counterpart)

Arnsbergian Stage, Upper Carboniferous.

1120 yds at 308° from Walshestown House, 5 miles WSW of

Skerries, Co. Dublin (loc. N1).

Smyth 1950, p. 316.

Dunbarella sp.

Referred

TCD. 377, TCD. 374 (part and counterpart)

Arnsbergian Stage, Upper Carboniferous.

1120 yds at 308° from Walshestown House, 5 miles WSW of

Skerries, Co. Dublin (loc. N1).

Smyth 1950, p. 316.

(377 referred; 374 unreferred)

Goniophora brycei Portlock

Referred

TCD. 7844

? Bardahessiagh Formation, Caradoc Series, Ordovician.

Pomeroy, Co. Tyrone.

Tunnicliff 1980, p. 76.

Lyrodesma radiatum Portlock

Referred

TCD. 7877, TCD. 7878

Bardahessiagh Formation, Caradoc Series, Ordovician.

S of Craigbardahesseagh, Pomeroy, Co. Tyrone.

Tunnicliff 1980, p. 76.

Manulicula manulia Barrande

Figured

TCD. 9645

ludensis Zone, upper Wenlock Series, Silurian.

Cloncannon road section, Devilsbit Mountains, Co. Tipperary (loc. a).

Palmer 1970, p. 337, pl. 15, fig. e.

Nuculites cylindricus Portlock

Syntype

TCD. 14761

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Portlock 1843, p. 428 (as *Arca cylindrica*).
 Referred to Tunncliff 1980, p. 77.

Nuculites cylindricus Portlock

Syntype

TCD. 14762
 Killey Bridge Formation, Ashgill Series, Ordovician.
 Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Portlock 1843, p. 428 (as *Arca cylindrica*).
 Referred to Tunncliff 1980, p. 77.

Nuculites cf. cylindricus Portlock

Referred

TCD. 7876
 Killey Bridge Formation, Ashgill Series, Ordovician.
 Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Tunncliff 1980, p. 76.

Nuculites obliquus Portlock

Referred

TCD. 7856
 Killey Bridge Formation, Ashgill Series, Ordovician.
 Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Tunncliff 1980, p. 76.

Nuculites sp.

Referred

TCD. 7858, TCD. 7875
 Killey Bridge Formation, Ashgill Series, Ordovician.
 Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Tunncliff 1980, p. 76.

Orthodesma tyronense Reed

Referred

TCD. 7846
 Bardahessiagh Formation, Caradoc Series, Ordovician.
 S of Craigbardahessiagh, Pomeroy, Co. Tyrone.
 Tunncliff 1980, p. 76.

Posidonia becheri Bronn

Figured

TCD. F1
 Calp, Brigantian Stage, Lower Carboniferous.
 Loughshinny, Co. Dublin.
 Griffith 1860, p. 76, pl. 18*, fig. 1.
 Haughton 1860a, p. 81, pl. 18*, fig. 1.

Posidonia becheri Bronn

Figured

TCD. F2
 Brigantian Stage, Lower Carboniferous.
 Loughshinny, Co. Dublin.
 Griffith 1860, p. 77, pl. 18*, fig. 2.
 Haughton 1860a, p. 81, pl. 18*, fig. 2.

*Both authors use same illustrations.

- Posidonia becheri* Bronn Figured
TCD. F149
Lispatrick Mudstone Formation, Brigantian Stage, Lower Carboniferous.
Old Head of Kinsale, Co. Cork.
Griffith 1860, p. 80, pl. 17*, fig. 2.
Haughton 1860a, p. 81, pl. 17*, fig. 2.
- Posidonia becheri* Bronn Figured
TCD. F150
Lispatrick Mudstone Formation, Brigantian Stage, Lower Carboniferous.
Old Head of Kinsale, Co. Cork.
Griffith 1860, pl. 19*, fig. 2.
Haughton 1860a, p. 81, pl. 19*, fig. 2.
- Posidonia becheri* Bronn Figured
TCD. F151
Lower Carboniferous.
Corry, Drumkeeran, Co. Leitrim.
Griffith 1860, p. 79, pl. 18*, fig. 3.
Haughton 1860a, p. 81, pl. 18*, fig. 3.
- Posidonia becheri* Bronn Figured
TCD. 21101
Lispatrick Mudstone Formation, Brigantian Stage, Lower Carboniferous.
Old Head of Kinsale, Co. Cork.
Griffith 1860, p. 80, pl. 16*, fig. 1.
Haughton 1860a, p. 81, pl. 16*, fig. 1.
- Posidonia becheri* Bronn Figured
TCD. 21785
Lispatrick Mudstone Formation, Brigantian Stage, Lower Carboniferous.
Old Head of Kinsale, Co. Cork.
Griffith 1860, p. 80, pl. 16*, fig. 2.
Haughton 1860a, p. 81, pl. 16*, fig. 2.
- Posidonia membranacea* M'Coy Figured
TCD. 385, TCD. 386 (part and counterpart)
? Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.
870 yds at 196° from Walshestown House, 5 miles WSW of
Skerries, Co. Dublin (loc. N66).
Smyth 1950, p. 317, pl. 17, fig. 6.
(385 = fig. 6; 386 unfigured)
- Posidonia membranacea* M'Coy Referred
TCD. 381
Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.
Balrickard Quarry, 1270 yds at 28° from Walshestown House,
5 miles WSW of Skerries, Co. Dublin (loc. N26).
Smyth 1950, p. 317.

- Posidonia membranacea* M'Coy Referred
TCD. 382, TCD. 383 (part and counterpart)
Arnsbergian Stage, Upper Carboniferous.
885 yds at 50° from West Curragh House, 1½ miles SW of
Naul, Co. Dublin (loc. N4).
Smyth 1950, p. 317.
- Posidonia membranacea* M'Coy Referred
TCD. 384
Arnsbergian Stage, Upper Carboniferous.
830 yds at 338° from West Curragh House, 1½ miles
SW of Naul, Co. Dublin (loc. N3).
Smyth 1950, p. 317.
- Posidonia membranacea* M'Coy Referred
TCD. 387
? Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.
870 yds at 196° from Walshestown House, 5 miles WSW of
Skerries, Co. Dublin (loc. N66).
Smyth 1950, p. 317.
- Posidoniella multirugata* Jackson Referred
TCD. 439
Carboniferous.
Kilkenny.
Jackson 1927, p. 101.
- Posidoniella* cf. *vetusta* J. de C. Sowerby Figured
TCD. 378
Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.
Walshestown Brook, 630 yds at 144° from Walshestown House,
5 miles WSW of Skerries, Co. Dublin (loc. N208).
Smyth 1950, p. 317, pl. 17, fig. 7.
- Posidoniella* cf. *vetusta* J. de C. Sowerby Referred
TCD. 379, TCD. 380 (part and counterpart)
Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.
Walshestown Brook, 630 yds at 144° from Walshestown House,
5 miles WSW of Skerries, Co. Dublin (loc. N208).
Smyth 1950, p. 317.
- Pseudamusium ellipticum* var. *rickardum* Smyth Holotype
TCD. 356
Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.
Balrickard Quarry, 1270 yds at 28° from Walshestown House,
5 miles WSW of Skerries, Co. Dublin (loc. N26).
Smyth 1950, p. 316, pl. 17, fig. 1.
- Pseudamusium ellipticum* var. *rickardum* Smyth Paratype
TCD. 358

Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.
Balrickard Quarry, 1270 yds at 28° from Walshestown House,
5 miles WSW of Skerries, Co. Dublin (loc. N26).
Smyth 1950, p. 316, pl. 17, fig. 2.

Pterinopecten papyraceus Sowerby
TCD. 439
Carboniferous.
Kilkenny.
Jackson 1927, p. 101.

Referred

Pterinopecten cf. rhythmicus Jackson
TCD. 440, TCD. 441
Carboniferous.
Co. Tyrone.
Jackson 1927, p. 101.

Referred

Semicorallidomus sp.
TCD. 7871
Bardahessiagh Formation, Caradoc Series, Ordovician.
S of Craigbardahessiagh, Pomeroy, Co. Tyrone.
Tunncliff 1980, p. 76.

Referred

Mollusca: Gastropoda

Anoptychia ? impendens M'Coy
TCD. F249
Carboniferous.
Chicken Hill, Kilmallock, Co. Limerick.
Longstaff 1933, p. 107, pl. 9, fig. 5.

Figured

Ecculiomphalus bucklandi Portlock
TCD. 17940
Killey Bridge Formation, Ashgill Series, Ordovician.
Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
Tunncliff 1980, p. 77.

Referred

Eccyliopterus ? parvus Portlock
TCD. 7849
Killey Bridge Formation, Ashgill Series, Ordovician.
Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
Tunncliff 1980, p. 76.

Referred

Foordella hibernica Longstaff
TCD. R1
Lower Carboniferous.
Co. Kildare.
Longstaff 1912, p. 301.

Referred

Foordella tereticincta Longstaff

Referred

TCD. R2

Lower Carboniferous.

Co. Kildare.

Longstaff 1912, p. 302.

Kokenospira lingualis Salter

Referred

TCD. 7901

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 77.

Lophospira turrita Portlock

Referred

TCD. 7834

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 76.

Lophospira cf. *turrita* Portlock

Referred

TCD. 7898

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 77.

Murchisonia (*Cerithioides*) *telescopium* Haughton

Figured

TCD. F8

Carboniferous.

Little Island, Co. Cork.

Donald 1892, p. 573, pl. 17, fig. 1.

Murchisonia (*Hypergonia*) *elongata* Portlock

Figured

TCD. F102

Carboniferous.

Dromard, Draperstown, Co. Londonderry.

Donald 1892, p. 571, pl. 17, fig. 2.

Sinuities cf. *elongatus* Portlock

Referred

TCD. 7917

Killey Bridge Formation, Ashgill Series, Ordovician.

Desertcreat Inlier, Co. Tyrone (loc. 3 of Mitchell 1977).

Tunnicliff 1980, p. 77.

Zygopleura sulculosa Phillips

Figured

TCD. F248

Carboniferous.

Co. Kildare.

Longstaff 1933, p. 96, pl. 9, fig. 3.

Mollusca: Cephalopoda

Actinoceras giganteum J. Sowerby

Figured

TCD. F66

Carboniferous.

Castle Espie, Co. Down.

Foord 1897-1903, p. 28, pl. 9, fig. 2a.

Actinoceras giganteum J. Sowerby

Figured

TCD. F67

Carboniferous.

Castle Espie, Co. Down.

Foord 1897-1903, p. 28, pl. 9, fig. 2c.

Actinoceras giganteum J. Sowerby

Figured

TCD. F68

Carboniferous.

Castle Espie, Co. Down.

Foord 1897-1903, p. 28, pl. 9, fig. 2b.

Ammonellites (Pericyclus) funatus J. Sowerby

Figured

TCD. F72 (Same specimen also registered as TCD. 3538.)

Carboniferous.

Co. Cork.

Foord 1897-1903, p. 134, pl. 39, figs 1a, b (as *Pericyclus funatus*).

Smyth 1951, p. 296, text-fig. 1r.

Ammonellites (Pericyclus) cf. kochi Holzapfel

Figured

TCD. 403

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 293, pl. 11, fig. 10, text-fig. 1f.

Ammonellites (Pericyclus) cf. kochi Holzapfel

Figured

TCD. 404

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 293, pl. 11, fig. 11.

Ammonellites (Pericyclus) cf. kochi Holzapfel

Figured

TCD. 436

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 293, text-fig. 1e.

Ammonellites (Pericyclus) cf. kochi Holzapfel

Referred

TCD. 405, TCD. 423, TCD. 431, TCD. 432

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 294.

Anthracoceras ? sp.

Figured

TCD. 460

Brigantian Stage, Lower Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 296, pl. 22, fig. 6.

Anthracoceras ? sp.

Figured

TCD. 461

Brigantian Stage, Lower Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 296, pl. 22, fig. 7.

Cravenoceras leion Bisat

*Figured

TCD. 458 (Same specimen also registered as TCD. 3567.)

Pendleian Stage, Upper Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 297, pl. 22, fig. 4.

Cravenoceras sp.

Figured

TCD. 366

Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.

Rowans Brook, 500 yds at 108° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N144).

Smyth 1950, p. 319, pl. 17, fig. 9.

Cravenoceras sp.

Figured

TCD. 370, TCD. 371 (part and counterpart)

Walshestown Shales, Arnsbergian Stage, Lower Carboniferous.

Rowans Brook, 500 yds at 108° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N144).

Smyth 1950, p. 319, pl. 17, fig. 10.

(370 = fig. 10; 371 unfigured)

Cravenoceras sp.

Figured

TCD. 372

Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.

Rowans Brook, 500 yds at 108° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N144).

Smyth 1950, p. 319, pl. 17, fig. 8.

Cravenocreas sp.

Referred

TCD. 365, TCD. 367 – TCD. 369, TCD. 373

Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.

Rowans Brook, 500 yds at 108° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N144).

Smyth 1950, p. 319.

Cycloceras cf. laevigatum M'Coy

Referred

TCD. 412

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 303.

Eumorphoceras bisulcatum Girty

Referred

TCD. 360 – TCD. 362

Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.

Rowans Brook, 500 yds at 108° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N144).

Smyth 1950, p. 318.

Eumorphoceras bisulcatum Girty

Referred

TCD. 363 (counterpart of TCD. 397), TCD. 364

Balrickard Sandstones, Arnsbergian Stage, Upper Carboniferous.

Balrickard Quarry, 1270 yds at 28° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N26).

Smyth 1950, p. 319.

Eumorphoceras bisulcatum Girty

Referred

TCD. 395, TCD. 396

Walshestown Shales, Arnsbergian Stage, Upper Carboniferous.

Walshestown Brook, 630 yds at 144° from Walshestown House,

5 miles WSW of Skerries, Co. Dublin (loc. N208).

Smyth 1950, p. 319.

Eumorphoceras 'pseudobilinear' A' Bisat

*Figured

TCD. 455

Pendleian Stage, Upper Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 297, pl. 22, fig. 1.

Eumorphoceras 'pseudobilinear' A' Bisat

Figured

TCD. 456

Pendleian Stage, Upper Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 297, pl. 22, fig. 2.

Eumorphoceras 'pseudobilinear' A' Bisat

Figured

TCD. 457

Pendleian Stage, Upper Carboniferous.

Summerhill Quarry, 600 yds ESE of Summerhill,

Co. Meath (loc. S1).

Nevill 1957, p. 297, pl. 22, fig. 3.

- Eusthenoceras hulli* de Koninck Figured
TCD. F69
Carboniferous.
Oldtown, Co. Laois.
Foord 1897-1903, p. 39, pl. 13, figs 1a-e.
- Gastrioceras cancellatum* Bisat Figured
TCD. 3544
Gastrioceras cancellatum marine band, Yeadonian Stage, Upper Carboniferous.
Killeshin Glen, 3 miles W of Carlow, Co. Laois (loc. Ca 3).
Nevill 1956, p. 4, pl. 1, fig. 2.
- Gastrioceras cancellatum* Bisat Figured
TCD. 9227
Gastrioceras cancellatum marine band, Yeadonian Stage, Upper Carboniferous.
Killeshin Glen, 3 miles W of Carlow, Co. Laois (loc. Ca 3).
Nevill 1956, p. 4, pl. 1, fig. 1.
- Gastrioceras circumnodosum* Foord Figured
TCD. 3561
Gastrioceras listeri marine band, Westphalian A Stage, Upper Carboniferous.
Wolfhill Colliery, Co. Laois (loc. L 3).
Nevill 1956, p. 8, pl. 1, fig. 11.
- Gastrioceras cumbriense* Bisat Figured
TCD. 3558
Gastrioceras cumbriense marine band, Yeadonian Stage, Upper Carboniferous.
Stream section, Knock Ardagur, Co. Laois (loc. C 1).
Nevill 1956, p. 4, pl. 1, fig. 4.
- Gastrioceras cumbriense* Bisat Figured
TCD. 3559
Gastrioceras cumbriense marine band, Yeadonian Stage, Upper Carboniferous.
Stream section, Knock Ardagur, Co. Laois (loc. C 1).
Nevill 1956, p. 4, pl. 1, fig. 5.
- Gastrioceras retrorsum* Chalmers Figured
TCD. 3571
Gastrioceras listeri marine band, Westphalian A Stage, Upper Carboniferous.
Wolfhill Colliery, Co. Laois (loc. L 3).
Nevill 1956, p. 8, pl. 1, fig. 10.
- Gastrioceras subcrenatum* Schmidt Figured
TCD. 3564
Gastrioceras subcrenatum marine band, Westphalian A Stage,
Upper Carboniferous.
Dinin River, N of Swan, Co. Laois (loc. S'2).
Nevill 1956, p. 7, pl. 1, fig. 8.
- Gastrioceras subcrenatum* Schmidt Figured

TCD. 3565

Gastrioceras subcrenatum marine band, Westphalian A Stage,
Upper Carboniferous.

Dinin River, N of Swan, Co. Laois (loc. S'2).

Nevill 1956, p. 7, pl. 1, fig. 9.

Gastrioceras sp.

Figured

TCD. 9228

Gastrioceras cancellatum marine band, Yeadonian Stage, Upper Carboniferous.

Killeshin Glen, 3 miles W of Carlow, Co. Laois (loc. Ca 3).

Nevill 1956, pl. 1, fig. 3.

Gastrioceras sp.

Figured

TCD. 9229

Upper Carboniferous.

Rushes Colliery, Co. Laois.

Nevill 1956, p. 8, pl. 1, fig. 13.

Goniatites

Figured

TCD. 19619 — TCD. 19621

Rush Slates, Chadian Stage, Lower Carboniferous.

Rush, Co. Dublin.

Reader's Digest 1966, p. 388.

Homoceras sp. nov. A Bisat & Hudson

Figured

TCD. 459 (Same specimen also registered as TCD. 3568)

Chokierian — Kinderscoutian stages, Upper Carboniferous.

Garadice stream, 1 mile S of Garadice, Co. Meath (loc. G5).

Nevill 1957, pl. 22, fig. 5.

Merocanites subapplanatus Smyth

Holotype

TCD. 415

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 290, text-fig. 1b.

Merocanites subapplanatus Smyth

Paratype

TCD. 406

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 290.

Merocanites subapplanatus Smyth

Paratype

TCD. 407

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,

Co. Dublin (loc. R8y).

Smyth 1951, p. 290.

- Merocanites subapplanatus* Smyth Paratype
TCD. 408
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290.
- Merocanites subapplanatus* Smyth *Paratype
TCD. 410
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290.
- Merocanites subapplanatus* Smyth Paratype
TCD. 417
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290.
- Merocanites subapplanatus* Smyth Paratype
TCD. 421
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290, pl. 11, figs 7, 8, text-fig. 1d.
- Merocanites subapplanatus* Smyth Paratype
TCD. 425
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290, pl. 11, fig. 9.
- Merocanites subapplanatus* Smyth Paratype
TCD. 435
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 290, text-figs 1a, c.
- Merocanites* sp. Referred
TCD. 437
Viséan Series, Lower Carboniferous.
Celbridge, Co. Kildare.
Smyth 1951, p. 292.
- Michelinoceras conquestum* de Koninck Figured
TCD. 424

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 304, text-fig. 1s.

Michelinoceras conquestum de Koninck

Referred

TCD. 420, TCD. 427, TCD. 434

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 304.

Muensteroceras cf. *corpulentum* Crick, form Ø

Figured

TCD. 411

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 296, pl. 11, fig. 3, text-fig. 1n.

Muensteroceras cf. *corpulentum* Crick, form Ø

Figured

TCD. 413

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 297, pl. 11, fig. 4, text-fig. 1m.

Muensteroceras cf. *corpulentum* Crick, form Ø

Referred

TCD. 409

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 296.

? *Muensteroceras* sp.

Figured

TCD. 414

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 301, text-fig. 1o.

Nautellipsites difficilis Foord

Figured

TCD. 400

Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 298, pl. 11, figs 1, 2, text-figs 1h, i.

Nautellipsites difficilis Foord

Figured

TCD. 402

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 298, text-fig. 1j.

Nautellipsites difficilis Foord

Figured

TCD. 426

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).

Smyth 1951, p. 298, text-fig. 1k.

Nautellipsites difficilis Foord

Referred

TCD. 401

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).

Smyth 1951, p. 299.

Nautellipsites difficilis Foord

Referred

TCD. 429

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).

Smyth 1951, p. 302.

Nautellipsites hibernicus Delépine

Paratype

TCD. 359

Courceyan Stage, Lower Carboniferous.

St. Doulagh's Quarry, Co. Dublin.

Delépine 1940, p. 146, pl. 4, figs 6, 7.

Nautellipsites sp.

Figured

TCD. 428

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).

Smyth 1951, p. 301, text-fig. 1p.

Nautellipsites sp.

***Referred**

TCD. 430

Rush Slates, Chadian Stage, Lower Carboniferous.

70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).

Smyth 1951, p. 301.

Nautilus willockii Haughton

Holotype

TCD. T26

Lower Carboniferous.

Cleenish, Co. Fermanagh.

Haughton 1860b, p. 357, pl. 9, figs 1a, b.

- '*Orthoceras*' *clanense* Foord** **Referred**
TCD. 419, TCD. 433
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 304.
- '*Orthoceras*' *crebriliratum* Girty** **Figured**
TCD. 392
Loughshinny Black Beds, Brigantian Stage, Lower Carboniferous.
1000 yds at 100° from the Nag's Head, 6¼ miles WSW of
Skerries, Co. Dublin (loc. N11).
Smyth 1950, p. 318, pl. 17, figs 3-5.
- Orthoceras unguis* Phillips** **Figured**
TCD. 11094
Courceyan Stage, Lower Carboniferous.
St. Doulagh's Quarry, Co. Dublin.
Haughton 1856, p. 48, pl. 1, fig. 3.
- Pericyclus funatus***
See *Ammonellites* (*Pericyclus*) *funatus*
- ? *Poterioceras fusiforme* J. de C. Sowerby** **Referred**
TCD. 418
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 304.
- Rayannoceras progiganteum* Turner** **Holotype**
TCD. 442
Brigantian Stage, Lower Carboniferous.
? Castle Espey, Co. Down.
Turner 1951, p. 179, pl. 7, figs 1, 2.
- Thrinoceras hyatti* Foord** **Figured**
TCD. 416
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush,
Co. Dublin (loc. R8y).
Smyth 1951, p. 303, pl. 11, fig. 12.
- Thrinoceras hyatti* Foord** **Referred**
TCD. 422
Rush Slates, Chadian Stage, Lower Carboniferous.
70 yds at 63° from Martello Tower, SE of harbour, Rush
Co. Dublin (loc. R8y).
Smyth 1951, p. 303.

Vestinautilus multicarinatus J. de C. Sowerby

TCD. F65

Carboniferous.

Ireland (exact locality unknown).

Foord 1897-1903, p. 93, pl. 25, fig. 5.

Figured

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- JOHN R. NUDDS,
Department of Geology,
Trinity College, Dublin.

CATALOGUE OF TYPE, FIGURED AND REFERRED FOSSILS IN
THE GEOLOGICAL MUSEUM OF TRINITY COLLEGE,
DUBLIN: PART 3
(ARTHROPODA, ECHINODERMATA, GRAPTOLIDEA, CONODONTOPHORIDA,
SCOLECODONTS, CHITINOZOA, PROBLEMATICA, SYMBIOSIS,
TRACE FOSSILS, VERTEBRATA)

JOHN R. NUDDS

(Received April 1st 1983)

Arthropoda: Trilobita

- | | |
|---|--------------------------------|
| <p><i>Archegonus (Weania) feltrimensis</i> Hahn & Brauckmann
TCD. 9513
Cover Shales, Chadian Stage, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Hahn & Brauckmann 1973, p. 391, text-figs 1, 10b.</p> | <p>Holotype</p> |
| <p><i>Archegonus (Weania) feltrimensis</i> Hahn & Brauckmann
TCD. 9503
Cover Shales, Chadian Stage, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Hahn & Brauckmann 1973, p. 391, text-figs 3, 10e.</p> | <p>Figured</p> |
| <p><i>Archegonus (Weania) feltrimensis</i> Hahn & Brauckmann
TCD. 9506
Cover Shales, Chadian Stage, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Hahn & Brauckmann 1973, p. 391, text-fig. 10a.</p> | <p>Figured</p> |
| <p><i>Archegonus (Weania) feltrimensis</i> Hahn & Brauckmann
TCD. 9510
Cover Shales, Chadian Stage, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Hahn & Brauckmann 1973, p. 391, text-fig. 10c.</p> | <p>Figured
9510</p> |
| <p><i>Archegonus (Weania) feltrimensis</i> Hahn & Brauckmann
TCD. 9514
Cover Shales, Chadian Stage, Lower Carboniferous.</p> | <p>Figured</p> |

Feltrim Hill Quarry, Co. Dublin.

Hahn & Brauckmann 1973, p. 391, text-fig. 10d.

Archegonus (Weania) feltrimensis Hahn & Brauckmann
TCD. 9515

Figured

Cover Shales, Chadian Stage, Lower Carboniferous.

Feltrim Hill Quarry, Co. Dublin.

Hahn & Brauckmann 1973, p. 391, text-fig. 10f.

Archegonus (Weania) feltrimensis Hahn & Brauckmann
TCD. 9502, TCD. 9504, TCD. 9507, TCD. 9508

Referred

Cover Shales, Chadian Stage, Lower Carboniferous.

Feltrim Hill Quarry, Co. Dublin.

Hahn & Brauckmann 1973, p. 393.

Cyphoproetus binodosus Whittard
TCD. 9608

Figured

Wenlock Shale, Wenlock Series, Silurian.

Buttington Brickwords Quarry, 2¾ miles NE of Welshpool,

Powys, Wales (Nat. Grid Ref. SJ 264 099).

Owens 1973, p. 33, pl. 6, fig. 11.

Cyphoproetus binodosus Whittard
TCD. 9609

Figured

Wenlock Shale, Wenlock Series, Silurian.

Buttington Brickwords Quarry, 2¾ miles NE of Welshpool,

Powys, Wales (Nat. Grid Ref. SJ 264 099).

Owens 1973, p. 33, pl. 6, figs 9a,b.

Cyphoproetus strabismus Owens
TCD. 9619

Holotype

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,

Powys, Wales (Nat. Grid Ref. SJ 2463 0265).

Owens 1973, p. 35, pl. 6, figs 15a-d.

Figured Thomas 1978, p. 41, pl. 9, fig. 17.

Cyphoproetus strabismus Owens
TCD. 9622

Paratype

lundgreni Biozone, Trewern Brook Mustone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,

Powys, Wales (Nat. Grid Ref. SJ 2463 0265).

Owens 1973, p. 35, pl. 7, fig. 1.

Cyphoproetus strabismus Owens
TCD. 9623

Paratype

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,
Powys, Wales (Nat. Grid Ref. SJ 2463 0265).
Owens 1973, p. 35, pl. 7, fig. 2.
Figured Thomas 1978, p. 41, pl. 9, fig. 18.

Cyphoproetus strabismus Owens

Paratype

TCD. 9624

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,

Powys, Wales (Nat. Grid Ref. SJ 2463 0265).

Owens 1973, p. 35, pl. 6, fig. 14.

Cyphoproetus strabismus Owens

Figured

TCD. 9621

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,

Powys, Wales (Nat. Grid Ref. SJ 2463 0265).

Owens 1973, p. 35, pl. 6, fig. 13.

Cyphoproetus strabismus Owens

Referred

TCD. 9625 – TCD. 9628

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian.

Stream, near Court House, Kinswood, SW end of Long Mountain,

Powys, Wales (Nat. Grid Ref. SJ 2463 0265).

Owens 1973, p. 35.

Cyrtosymbole librovitchi Weber

†Holotype

TCD. 13535a,b (cast of Weber spec. No. 375)

Carboniferous.

S Urals, Russia (loc. 1023b).

Weber 1937, p. 29, pl. 2, fig. 40.

(13535a = fig. 40, 13535b unfigured)

Isotetus gigas Dekay

Figured

TCD. 13418

Trenton Limestone, Upper Ordovician.

New York, U.S.A.

Haughton 1865, p. 207, text-fig. 16.

Mucronaspis cellulana Siveter *et al.*

Holotype

TCD. 17197a,b

Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.

Field, S side of 3rd class road between Larah and

Carrickallen, Co. Cavan (loc. 1).

Siveter *et al.* 1980, p. 201, text-fig. 4f.

(17197a = fig. 4f; 17197b unfigured)

- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17190
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-figs 4k, n.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17191
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 4l.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17196a,b
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 4a.
 (17196b = fig. 4a; 17196a unfigured)
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17201a,b
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-figs 4q,r, 5k.
 (17201a = fig. 4r; 17201b = figs 4q, 5k)
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17202a-c
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-figs 4j,o,p, 5b.
 (17202a = figs 4p, 5b; 17202b = fig. 4j; 17202c = fig. 4o)
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17203
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 4h.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17204
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 4i.

- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17205
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 4g.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17206
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 4c.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17212
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 5a.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17217
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 5g.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17218
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 5c.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17219
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-fig. 5j.
- Mucronaspis cellulana* Siveter *et al.* Figured
TCD. 17226a-c
Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
Field, S side of 3rd class road between Lurah and Carrickallen,
Co. Cavan (loc. 1).
Siveter *et al.* 1980, p. 201, text-figs 4d,e, 5i.
(17226a = figs 4d, 5i; 17226c = fig. 4e; 17226b unfigured)

- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17227
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 5h.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17233
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 4b.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17237
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-fig. 5d.
- Mucronaspis cellulana* Siveter *et al.* Figured
 TCD. 17238a,b
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201, text-figs 4m,s, 5e,f.
 (17238a = figs 4m,s, 5f; 17238b = fig. 5e)
- Mucronaspis cellulana* Siveter *et al.* Referred
 TCD. 17192 – TCD. 17195, TCD. 17198 – TCD. 17200,
 TCD. 17207 – TCD. 17211, TCD. 17213 – TCD. 17216,
 TCD. 17220 – TCD. 17225, TCD. 17228 – TCD. 17232,
 TCD. 17234 – TCD. 17236, TCD. 19321 – TCD. 19330.
 Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.
 Field, S side of 3rd class road between Larah and Carrickallen,
 Co. Cavan (loc. 1).
 Siveter *et al.* 1980, p. 201.
- Phillipsia truncatula* var. *multipustulata* Smyth Holotype
 TCD. T207
 Hook Head Formation, Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 18c).
 Smyth 1930, p. 561, pl. 17, figs 7a,b.
- Phillipsia truncatula* var. *multipustulata* Smyth Figured
 TCD. F208
 Hook Head Formation, Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford (loc. 18b).
 Smyth 1930, p. 561, pl. 17, fig. 6.

Platyharpes flanaganni Portlock

Figured

TCD. 357

Bardahessiagh Beds, Caradoc Series, Ordovician.

Pomeroy, Co. Tyrone.

Whittington 1950, p. 33, pl. 2, fig. 1.

Arthropoda: Eurypterida

Pterygotus acuminatus Salter

***Figured**

TCD. 17373

Silurian.

Lesmahago, Lanarkshire, Scotland.

Haughton 1865, p. 211, text-fig. 18.

Arthropoda: Crustacea

Oniscus entomon Linnaeus

Figured

TCD. 22928

Recent.

Baltic Sea.

Haughton 1865, p. 204, text-fig. 15.

Arthropoda: Insecta

Architarbus subovalis

See *Phalangiotarbus subovalis*

Phalangiotarbus subovalis Woodward

Figured

TCD. F103

Middle Coal Measures, Upper Carboniferous.

Lancashire, England.

Haughton 1877, p. 222, text-fig. 2 (as *Architarbus subovalis*).

Petrunkévitch 1948, p. 360, text-figs 2,4, pl. 1.

Echinodermata: Blastoidea

Codaster acutus M'Coy

Figured

TCD. 8067

Brigantian Stage, Lower Carboniferous.

Quarry, 100 yds W of Sean Delaney's Farm, Bally Phillip, 0.8 miles S of Lisdowney, 2½ miles E of Ballyragget, Co. Kilkenny.

Breimer & Macurda 1972, p. 37, pl. 26, fig. 7, pl. 27, fig. 7, text-fig. 103-1, 2.

Codaster acutus M'Coy

Figured

TCD. 17367

Brigantian Stage, Lower Carboniferous.

Quarry, 100 yds W of Sean Delaney's Farm, Bally Phillip, 0.8 miles S of Lisdowney, 2½ miles E of Ballyragget, Co. Kilkenny.

Breimer & Macurda 1972, p. 37, pl. 28, fig. 8.

- Codaster* sp. Figured
TCD. 8017
Brigantian Stage, Lower Carboniferous.
Quarry, 100 yds W of Sean Delaney's Farm, Bally Phillip, 0.8
miles S of Lisdowney, 2½ miles E of Ballyragget, Co. Kilkenny.
Breimer & Macurda 1972, text-fig. 103-3,4.
- Codaster* sp. Figured
TCD. 8018
Brigantian Stage, Lower Carboniferous.
Quarry, 100 yds W of Sean Delaney's Farm, Bally Phillip, 0.8
miles S of Lisdowney, 2½ miles E of Ballyragget, Co. Kilkenny.
Breimer & Macurda 1972, text-fig. 103-5,6.
- Hadroblastus* sp. Figured
TCD. 17368
Courceyan — Chadian stages, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Breimer & Macruda 1972, p. 30, pl. 18, figs 2,4.
- Monoschizoblastus rofei* Etheridge & Carpenter Figured
TCD. 17369
Asbian Stage, Lower Carboniferous.
Florence Court, Co. Fermanagh.
Fay & Wanner 1967, p. S425, text-fig. 269-1a,b.
- Orophocrinus pentangularis* Sowerby Figured
TCD. 3587
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 28).
Macurda 1965, p. 1083, pl. 126, figs 2,6.
- Orophocrinus pentangularis?* Sowerby Figured
TCD. 3592
?Courceyan Stage, Lower Carboniferous.
Bundoran — Sligo area, Co. Sligo.
Macurda 1965, p. 1083, pl. 123, figs 44,45.
- Orophocrinus praelongus* Bailey Figured
TCD. 3586
Courceyan Stage, Lower Carboniferous.
Malahide, Co. Dublin (loc. M13).
Macurda 1965, p. 1087, pl. 125, figs 2,7.
- Orophocrinus praelongus* Bailey Figured
TCD. 7420
Intra-Reef Shales, Courceyan Stage, Lower Carboniferous.
Feltrim Hill Quarry, Co. Dublin.
Macurda 1967, text-fig. 224-3.
Breimer & Macurda 1972, p. 25, pl. 8, figs 1,3.

Orophocrinus praelongus Bailey Figured
 TCD. 7983
 Courceyan – Chadian stages, Lower Carboniferous.
 Feltrim Hill Quarry, Co. Dublin.
 Breimer & Macurda 1972, p. 25, text-fig. 29.

Orophocrinus praelongus Bailey Figured
 TCD. 17370
 Courceyan – Chadian stages, Lower Carboniferous.
 Feltrim Hill Quarry, Co. Dublin.
 Breimer & Macurda 1972, p. 25, pl. 9, figs 4,5.

Orophocrinus verus Cumberland Figured
 TCD. 17371
 Courceyan – Chadian stages, Lower Carboniferous.
 Feltrim Hill Quarry, Co. Dublin.
 Breimer & Macurda 1972, p. 25, pl. 10, fig. 7.

Pentephyllum adarens Haughton †Holotype
 TCD. T1a,b
 Carboniferous.
 Barnalick, Adare, Co. Limerick.
 Haughton 1860, p. 184, pl. 12, figs a-d.
 Figured Etheridge & Carpenter 1886, p. 122, pl. 16, figs 14-16.
 Figured Fay & Wanner 1967, p. S413, text-figs 256-3a,b, 257-2a-d.
 Referred to Bather 1901, p. 113.

Phaenoschisma acutum G.B. Sowerby Figured
 TCD. 7988
 Cover Shales, Chadian Stage, Lower Carboniferous.
 Feltrim Hill Quarry, Co. Dublin.
 Breimer & Macurda 1972, p. 17, pl. 4, figs 10,14.

Echinodermata: Crinoidea

Aesiocrinus amplus Lane & Webster †Holotype
 TCD. 9899 (cast of UCLA. 39603)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 55, pl. 5, figs 4,5.

Aesiocrinus amplus Lane & Webster †Paratype
 TCD. 9886 (cast of UCLA. 39605)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 55, pl. 5, fig. 2.

- Aesiocrinus amplus* Lane & Webster †Paratype
TCD. 9897 (cast of UCLA. 39604)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 55.
- Aesiocrinus delicatulus* Lane & Webster †Holotype
TCD. 9896 (cast of UCLA. 39600)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 53, pl. 7, fig. 6.
- Aesiocrinus inornatus* Lane & Webster †Holotype
TCD. 9901 (cast of UCLA. 39601)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 53, pl. 11, fig. 3.
- Aesiocrinus inornatus* Lane & Webster †Paratype
TCD. 9887 (cast of UCLA. 39602)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 53, pl. 11, fig. 6.
- Amphoracrinus crassus* T. & T. Austin Referred
TCD. 278, TCD. 294, TCD. 325
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 199.
- Arroyocrinus popenoei* Lane & Webster †Holotype
TCD. 9893 (cast of UCLA. 39607)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 41, pl. 9, figs 1,3, text-fig. 15.
- Arroyocrinus popenoei* Lane & Webster †Paratype
TCD. 9891 (cast of UCLA. 39609)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 41, pl. 9, figs 4,5, text-fig. 16.
- Celonocrinus expansus* Lane & Webster †Holotype
TCD. 9885 (cast of UCLA. 39629)

Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 48, pl. 11, figs 1,5, text-fig. 18.

Celonocrinus expansus Lane & Webster †Paratype
 TCD. 9889 (cast of UCLA. 39630)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 48, pl. 11, fig. 4.

Cosmetocrinus sp. Figured
 TCD. 269
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1951, p. 41, pl. 10, fig. 7.

Delocrinus vastus Lane & Webster †Holotype
 TCD. 9894 (cast of UCLA. 39626)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 45, pl. 12, figs 1,2.

Delocrinus vastus Lane & Webster †Paratype
 TCD. 9895 (cast of UCLA. 39627)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 45, pl. 12, fig. 5.

Dialutocrinus aculeatus T. & T. Austin Figured
 TCD. 270
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1955, p. 247, pl. 60, fig. 2.

Dialutocrinus aculeatus T. & T. Austin Figured
 TCD. 273
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1955, p. 247, pl. 59, fig. 8.

Dialutocrinus aculeatus T. & T. Austin Figured
 TCD. 283
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1955, p. 247, pl. 60, fig. 6.

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| <i>Dialutocrinus aculeatus</i> T. & T. Austin
TCD. 286
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 25a).
Wright 1958, p. 247, pl. 80, fig. 6. | Figured |
| <i>Dialutocrinus aculeatus</i> T. & T. Austin
TCD. 289
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 22).
Wright 1955, p. 247, pl. 59, fig. 9. | Figured |
| <i>Dialutocrinus aculeatus</i> T. & T. Austin
TCD. 345
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 247, pl. 65, fig. 1. | Figured |
| <i>Dialutocrinus cataphractus</i> T. & T. Austin
TCD. 323
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 248, pl. 65, fig. 4. | Figured |
| <i>Dialutocrinus cataphractus</i> T. & T. Austin
TCD. 347
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 248, pl. 59, fig. 6. | Figured |
| <i>Dialutocrinus elephantinus</i> T. & T. Austin
TCD. 272
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 250, pl. 60, fig. 5. | Figured |
| <i>Dialutocrinus elephantinus</i> T. & T. Austin
TCD. 292
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 250, pl. 65, fig. 3. | Figured |
| <i>Dialutocrinus elephantinus</i> T. & T. Austin
TCD. 321
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 250, pl. 61, fig. 7. | Figured |
| <i>Dialutocrinus ?granulatus</i> Wright
TCD. 302 | Holotype |

Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 256, pl. 65, fig. 7.

Dialutocrinus laevis T. & T. Austin
TCD. 332
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1955, p. 252, pl. 59, fig. 7.

Figured

Dialutocrinus sp.
TCD. 319
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 19a).
Wright 1955, pl. 61, fig. 10.
Wright 1958, pl. 80, fig. 7.

Figured

Dialutocrinus sp.
TCD. 348
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 26).
Wright 1955, pl. 58, fig. 6.

Figured

Dichocrinus radiatus Münster
TCD. 312
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1956, p. 303.

Referred

Dichocrinus sculptus de Koninck & Le Hon
TCD. 291
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford (loc. 10a).
Wright 1956, p. 306, pl. 75, fig. 16.

Figured

Dinotocrinus eirensis Wright
TCD. 297
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1951, p. 70, pl. 13, fig. 1.

Holotype

Erisocrinus longwelli Lane & Webster
TCD. 9890 (cast of UCLA. 39632)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 43, pl. 10, figs 1,2.

†Holotype

Flexible brachial
TCD. 19870

Figured

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 754, pl. 95, figs 2,4.

Flexible brachial

Referred

TCD. 19871 — TCD. 19873

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 754.

Graphiocrinus encrinoides de Koninck & Le Hon

Figured

TCD. 274

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Wright 1952, p. 103, pl. 36, fig. 6.

Graphiocrinus scopulus Lane & Webster

†Holotype

TCD. 9888 (cast of UCLA. 39653)

Bird Spring Formation, Middle Wolfcampian, Permian.

Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).

Lane & Webster 1966, p. 46, pl. 10, fig. 4.

Graphiocrinus scopulus Lane & Webster

†Paratype

TCD. 9883 (cast of UCLA. 39654)

Bird Spring Formation, Middle Wolfcampian, Permian.

Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).

Lane & Webster 1966, p. 46, pl. 10, fig. 8.

Inadunate brachial

Figured

TCD. 19867

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 752, pl. 95, figs 1,3.

Inadunate brachial

Referred

TCD. 19868, TCD. 19869

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 752.

- Marathonocrinus moorei* Lane & Webster †Holotype
TCD. 9892 (cast of UCLA. 39634)
Bird Spring Formation, Middle Wolfcampian, Permian.
Battleship Wash, northern Clark County, Nevada, U.S.A.
(UCLA loc. 5072).
Lane & Webster 1966, p. 34, pl. 7, figs 1,2, text-fig. 10.
- Pentagonal columnals Figured
TCD. 19861
Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.
Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).
Sevastopulo & Keegan 1980, p. 750, pl. 94, figs 1,3.
- Pentagonal columnals Referred
TCD. 19862, TCD. 19863
Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.
Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).
Sevastopulo & Keegan 1980, p. 750.
- Phacelocrinus rostratus* T. & T. Austin Figured
TCD. 268
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1951, p. 29, pl. 8, fig. 8.
- Phacelocrinus rostratus* T. & T. Austin Figured
TCD. 284
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1951, p. 29, pl. 8, fig. 2.
- Phacelocrinus rostratus* T. & T. Austin Referred
TCD. 298
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford.
Wright 1951, p. 30.
- Platycrinites granulatus* Miller Figured
TCD. 300
Courceyan Stage, Lower Carboniferous.
Hook Head, Co. Wexford, (loc. 19a).
Wright 1955, p. 287, pl. 67, fig. 11.
- Platycrinites smythi* Wright Holotype
TCD. 320
Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 19d).
Wright 1955, p. 291, pl. 66, fig. 3.

Platycrinites striatus Miller

Figured

TCD. 285

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Wright 1955, p. 289, pl. 66, fig. 2.

Platycrinites trigintidactylus T. & T. Austin

Figured

TCD. 311

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford (loc. 19d).

Wright 1955, p. 267, pl. 75, fig. 2.

Platycrinites trigintidactylus T. & T. Austin

Figured

TCD. 327

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Wright 1955, p. 267, pl. 67, fig. 4.

Platycrinites sp.

Figured

TCD. 271

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Wright 1956, pl. 75, fig. 1.

Platycrinites sp.

Figured

TCD. 299

Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Wright 1955, pl. 67, fig. 7.

Platycrinites sp.

Figured

TCD. 19864

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 751, pl. 94, figs 2,4.

Platycrinites sp.

Referred

TCD. 19865, TCD. 19866

Clay shale above Charlestown Main Limestone, Brigantian Stage,
Lower Carboniferous.

Bathing Pool, St. Monance, Fife, Scotland (Nat. Grid Ref. NO
536 020).

Sevastopulo & Keegan 1980, p. 751.

Plaxocrinus piutae Lane & Webster †Paratype
 TCD. 9884 (cast of UCLA. 39651)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 49, pl. 8, fig. 13.

Poteriocrinites crassus Miller Figured
 TCD. 267
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1950, p. 2, pl. 3, fig. 7, pl. 5, fig. 4.

Stenopeocrinus ?xerophilus Lane & Webster †Holotype
 TCD. 9900 (cast of UCLA. 39659)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 50, pl. 12, figs 3,4.

Stenopeocrinus ?xerophilus Lane & Webster †Paratype
 TCD. 9898 (cast of UCLA. 39662)
 Bird Spring Formation, Middle Wolfcampian, Permian.
 Battleship Wash, northern Clark County, Nevada, U.S.A.
 (UCLA loc. 5072).
 Lane & Webster 1966, p. 50.

Taxocrinus hookheadensis Wright Paratype
 TCD. 280
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Wright 1954, p. 169, pl. 45, fig. 1.

Echinodermata: Asterozoa

Asteriacites lumbricalis Schlotheim Figured
 TCD. 3599
 Kinderscoutian Stage, Upper Carboniferous.
 N shore of River Shannon, Doonaha House, ½ mile SSW of Doonaha,
 Carrigaholt, Loop Head peninsula, Co. Clare.
 Lewarne 1964, p. 508, text-figs 1,2.

Asteriacites lumbricalis Schlotheim Figured
 TCD. 3600
 Kinderscoutian Stage, Upper Carboniferous.
 N shore of River Shannon, Doonaha House, ½ mile SSW of Doonaha,
 Carrigaholt, Loop Head peninsula, Co. Clare.
 Lewarne 1964, p. 508, text-figs 1,2.

Ophioderma egertoni Broderip Figured
 TCD. 2578
 Lower Jurassic.
 Lyme Regis, Dorset, England.
 Haughton, 1865, p. 289, text-fig. 45.

Ophioderma egertoni Broderip Figured
 TCD. 8225
 Lower Jurassic.
 Lyme Regis, Dorset, England.
 Haughton, 1865, p. 289, text-fig. 45.

Echinodermata: Echinoidea

Archaeocidaris harteiana
 See *Perischocidaris harteiana*

Archaeocidaris urii Fleming *Referred
 TCD. R9
 ?Asbian/Brigantian Stage, Lower Carboniferous.
 Benburb, Co. Tyrone.
 Jackson 1912, p. 279.

Clypeaster altus M'Coy Figured
 TCD. 2597
 Miocene.
 Egypt.
 Haughton 1865, p. 291, text-fig. 47.

Homotoechus hartii
 See *Perischocidaris harteiana*

Maccoya gigas M'Coy *Referred
 TCD. R6
 Lower Carboniferous.
 Drumlug, Co. Donegal.
 Jackson 1912, p. 322.

Maccoya intermedia Keeping Referred
 TCD. R7, TCD. R8
 Courceyan Stage, Lower Carboniferous.
 Hook Head, Co. Wexford.
 Jackson 1912, p. 315, 316.

Maccoya sphaericus Scouler Type
 TCD. T3
 Lower Carboniferous.
 Millicent, Co. Kildare.
 Scouler in M'Coy 1844, p. 172, pl. 24, figs 5a-e (as *Palaechinus*
sphaericus).
 Figured Jackson 1912, p. 317, pl. 32, fig. 5, pl. 34, fig. 7.

Palaechinus sphaericus

See *Maccoya sphaerica*

Perischocidaris harteiana Bailly

Holotype

TCD. T4

Yellow Sandstone, Courceyan/Chadian Stage, Lower Carboniferous.

Western shore of Lough Esk, Co. Donegal.

Bailly 1874, p. 42, pl. 4, figs a-c (as *Archaeocidaris harteiana*).

Figured Harte 1865, p. 67, pl. 5, figs a,b (but not named).

Figured Jackson 1912, p. 408, pl. 65, figs 1,2, pl. 67, figs 1-3.

Referred to Sollas 1892, p. 153 (as *Homotoechus hartii*).

Perischodomus biserialis M'Coy

*Figured

TCD. F63

?Courceyan Stage, Lower Carboniferous.

Hook Head, Co. Wexford.

Jackson 1912, p. 401, pl. 62, fig. 6, pl. 64, fig. 2.

Perischodomus biserialis M'Coy

Figured

TCD. F64

?Courceyan Stage, Lower Carboniferous.

?Hook Head, Co. Wexford.

Jackson 1912, p. 401, pl. 62, fig. 7, pl. 64, figs 3-6.

Kier 1966, p. U308, text-fig. 229-2.

Graptoloidea

Akidograptus ascensus Davies

Figured

TCD. 8646, TCD. 8647 (part and counterpart)

acuminatus Zone, lower Llandovery Series, Silurian.

Raheen Bridge, Tomgraney, Co. Clare (loc. 4a).

Rickards & Archer 1969, p. 225, text-fig. 4d.

(8646 = fig. 4d; 8647 unfigured)

Amplexograptus cf. arctus Elles & Wood

Figured

TCD. 8632 a,b,

peltifer Zone, Caradoc Series, Ordovician.

Raheen Bridge, Tomgraney, Co. Clare (loc. 1).

Rickards & Archer 1969, p. 227, pl. 9, fig. c, text-fig. 4i.

(8632a = fig. c & text-fig. 4i; 8632b unfigured)

Bohemograptus bohemicus tenuis Bouček

Figured

TCD. 11663

Saetograptus leintwardinensis incipiens Zone, Long Mountain

Siltstone Formation, Ludlow Series, Silurian.

Long Mountain, Powys, Wales (loc. 8ad) (Nat. Grid Ref.

SJ 3262 3083).

Holland & Palmer 1974, p. 219, text-fig. 2a.

- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11664
Saetograptus leintwardinensis incipiens Zone, Long Mountain
Siltstone Formation, Ludlow Series, Silurian.
Long Mountain, Powys, Wales (loc. 8ad) (Nat. Grid Ref.
SJ 3262 3083).
Holland & Palmer 1974, p. 219, text-fig. 2g.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11665
Bohemograptus bohemicus tenuis Zone, Long Mountain
Siltstone Formation, Ludlow Series, Silurian.
Old quarry, 100m W of farm, Forest of Hayes, Long Mountain,
Powys, Wales (loc. 68) (Nat. Grid Ref. SJ 3309 3085).
Holland & Palmer 1974, p. 219, text-figs 2b,c.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11666
Bohemograptus bohemicus tenuis Zone, Long Mountain
Siltstone Formation, Ludlow Series, Silurian.
Old quarry, 100m W of farm, Forest of Hayes, Long Mountain,
Powys, Wales (loc. 68) (Nat. Grid Ref. SJ 3309 3085).
Holland & Palmer 1974, p. 219, pl. 21, fig. 3, text-fig. 2f.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11667
Dayia navicula Beds, Ludlow Series, Silurian.
Old quarry, Fron, Clun Forest, Powys, Wales (loc. D)
(Nat. Grid Ref. SO 187 766).
Holland & Palmer 1974, p. 219, text-fig. 2d.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11668
Bohemograptus bohemicus tenuis Zone, Long Mountain
Siltstone Formation, Ludlow Series, Silurian.
Stream, nr. Upper Winnington farm, Long Mountain, Powys,
Wales (loc. 61zzx) (Nat. Grid Ref. SJ 3311 3106).
Holland & Palmer 1974, p. 219, text-fig. 2e.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11669
Cucullograptus (Lobograptus) scanicus Zone, Long Mountain
Siltstone Formation, Ludlow Series, Silurian.
Long Mountain, Powys, Wales (loc. 5b) (Nat. Grid Ref.
SJ 3259 3082).
Holland & Palmer 1974, p. 219, text-fig. 2h.
- Bohemograptus bohemicus tenuis* Bouček Figured
TCD. 11670
Bohemograptus bohemicus tenuis Zone, Pentre Member, Ludlow
Series, Silurian.

Stream, Heldre Hill, Long Mountain, Powys, Wales (loc. 20y)
(Nat. Grid Ref. SJ 3274 3092).
Holland & Palmer 1974, p. 219, pl. 21, figs 1,2, text-fig. 2i.

Climacograptus cf. *antiquus lineatus* Elles & Wood

Figured

TCD. 8635

gracilis Zone, Caradoc Series, Ordovician.

Raheen Bridge, Tomgraney, Co. Clare (loc.5).

Rickards & Archer 1969, p. 228, pl. 9, fig. e, text-fig. 4h.

?*Climacograptus extraordinarius* Sobolevskaya

Figured

TCD. 19220

Post-*anceps*, pre-*persculptus* zones, Ashgill Series, Ordovician.

Field, S side of 3rd class road between Larah and Carrickallen,
Co. Cavan (loc. 1).

Siveter *et al.* 1980, p. 200, text-fig. 3.

Climacograptus innotatus Nicholson

Figured

TCD. 8644, TCD. 8645 (part and counterpart)

atavus Zone, lower Llandovery Series, Silurian.

Raheen Bridge, Tomgraney, Co. Clare (loc. 4).

Rickards & Archer 1969, text-fig. 4b.

(8644 = fig. 4b; 8645 unfigured)

Corynoides sp. 1

Figured

TCD. 8633

gracilis Zone, Caradoc Series, Ordovician.

Raheen Bridge, Tomgraney, Co. Clare (loc. 5).

Rickards & Archer 1969, p. 228, text-fig. 4f.

Corynoides sp. 1

Figured

TCD. 8634

peltifer Zone, Caradoc Series, Ordovician.

Raheen Bridge, Tomgraney, Co. Clare (loc. 2).

Rickards & Archer 1969, p. 228, text-fig. 4g.

Cucullograptus (Lobograptus) progenitor Urbanek

Figured

TCD. 9742

L. progenitor Zone, Ludlow Series, Silurian.

Stream section, nr. Middleton, Long Mountain, Powys, Wales

(Nat. Grid Ref. SJ 33028 31085).

Palmer 1971a, p. 377, text-figs 11a,b, 12a,b, 13d.

Cyrtograptus ex. gr. *murchisoni* Carruthers

Figured

TCD. 8116

murchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.

Ballard, nr. Clonbur, Co. Galway (loc. 2).

Rickards & Smyth 1968, p. 133, pl. 4, fig. o.

- Cyrtograptus ex. gr. munchisoni* Carruthers Figured
TCD. 8117a,b (part and counterpart)
munchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 2).
Rickards & Smyth 1968, p. 133, pl. 4, figs k,l.
(8117a = fig. l; 8117b = fig. k)
- Cyrtograptus ex. gr. munchisoni* Carruthers Figured
TCD. 8119a,b (part and counterpart)
munchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 2).
Rickards & Smyth 1968, p. 133, pl. 4, fig. n.
(8119a = fig. n; 8119b unfigured)
- Cyrtograptus ex. gr. munchisoni* Carruthers Figured
TCD. 8121
munchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 2).
Rickards & Smyth 1968, p. 133, pl. 4, fig. m.
- Cyrtograptus ex gr. munchisoni Carruthers* Referred
TCD. 8499 — TCD. 8502
munchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 2).
Rickards & Smyth 1968, p. 133.
- Cystograptus vesiculosus* Nicholson Figured
TCD. 8641, TCD. 8640 (part and counterpart)
atavus Zone, lower Llandovery Series, Silurian.
Raheen Bridge, Tomgraney, Co. Clare (loc. 4).
Rickards & Archer 1969, p. 228, text-fig. 4e.
(8641 = fig. 4e; 8640 unfigured)
- Dimorphograptus erectus* Elles & Wood Figured
TCD. 8642, TCD. 8643 (part and counterpart)
atavus Zone, lower Llandovery Series, Silurian.
Raheen Bridge, Tomgraney, Co. Clare (loc. 4).
Rickards & Archer 1969, pl. 9, fig. a, text-fig. 4a.
(8642 = figs a,4a; 8643 unfigured)
- Diplograptus aff. multident compactus* Lapworth Figured
TCD. 8651
peltifer Zone, Caradoc Series, Ordovician.
Raheen Bridge, Tomgraney, Co. Clare (loc. 1).
Rickards & Archer 1969, pl. 9, fig. d.
- Gothograptus nassa* Holm Figured
TCD. 8653
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
370 yds NW of Burrington Bridge, Ludlow, Shropshire, England

(loc. 40) (Nat. Grid Ref. SO 4334 7227).
Holland, Rickards & Warren 1969, pl. 130, fig. 4.

Halograptus mucronatus mucronatus Hall

Figured

TCD. 8636a,b,
peltifer Zone, Caradoc Series, Ordovician.
Raheen Bridge, Tomgraney, Co. Clare (loc. 2).
Rickards & Archer 1969, p. 226, text-figs 4k,1.
(8636a = fig. 4l; 8636b = fig. 4k)

Halograptus mucronatus mucronatus Hall

Figured

TCD. 8637, 8637a
peltifer Zone, Caradoc Series, Ordovician.
Raheen Bridge, Tomgraney, Co. Clare (loc. 2).
Rickards & Archer 1969, p. 226, text-figs j,m.
(8637 = fig. 4j; 8637a = fig. 4m)

Holoretiolites (Balticograptus) lawsoni Holland, Rickards & Warren

Holotype

TCD. 8473
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
490 yds N of Burrington Church, Burrington Farm lane, Ludlow,
Shropshire, England (loc. 62) (Nat. Grid Ref. SO 4425 7253).
Holland, Rickards & Warren 1969, p. 666, text-fig. 1a.

Holoretiolites (Balticograptus) lawsoni Holland, Rickards & Warren

Figured

TCD. 8474
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
490 yds N of Burrington Church, Burrington Farm lane, Ludlow,
Shropshire, England (loc. 62) (Nat. Grid Ref. SO 4425 7253).
Holland, Rickards & Warren 1969, p. 666, text-fig. 1c.

Holoretiolites (Balticograptus) lawsoni Holland, Rickards & Warren

Figured

TCD. 8475
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
490 yds N of Burrington Church, Burrington Farm lane, Ludlow,
Shropshire, England (loc. 62) (Nat. Grid Ref. SO 4425 7253).
Holland, Rickards & Warren 1969, p. 666, text-fig. 1b.

Monoclimacis flumendosae Gortani

Figured

TCD. 8108
Upper Owenduff Group, Wenlock Series, Silurian.
Kilbeg Upper, nr. Clonbur, Co. Galway (loc. 1).
Rickards & Smyth 1968, p. 132, pl. 4, fig. c.

Monoclimacis flumendosae Gortani

Referred

TCD. 8479 – TCD. 8488
Upper Owenduff Group, Wenlock Series, Silurian.
Kilbeg Upper, nr. Clonbur, Co. Galway (loc. 1).
Rickards & Smyth 1968, p. 132.

- Monoclimacis micropoma* Jaekel Figured
TCD. 13667
scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.
Long Mountain, Powys, Wales.
Rickards & Palmer 1977, p. 59, text-fig. 9e.
- Monograptus auctus* Rickards Figured
TCD. 9589
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary, (loc. a).
Palmer 1970, p. 340, pl. 14, fig. p.
- Monograptus auctus* Rickards Figured
TCD. 9634
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. o.
- Monograptus auctus* Rickards Figured
TCD. 9635 a,b (part and counterpart)
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. n.
(9635a = fig. n; 9635b unfigured)
- Monograptus auctus* Rickards Figured
TCD. 9636 a,b
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, figs j,m, pl. 15, fig. d.
(9636a = figs m,d; 9636b = fig. j)
- Monograptus auctus* Rickards Figured
TCD. 9637
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. l.
- Monograptus auctus* Rickards Figured
TCD. 9638 a,b (part and counterpart)
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. h.
(9638b = fig. h; 9638a unfigured)
- Monograptus auctus* Rickards Figured
TCD. 9643
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. i.

- Monograptus auctus* Rickards Figured
TCD. 9644
ludensis Zone, Homerian Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 14, fig. k.
- Monograptus auctus* Rickards Figured
TCD. 9646
ludensis Zone, Homerian Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 340, pl. 15, fig. c.
- Monograptus deubeli* Jaeger Figured
TCD. 8657
ludensis Zone, Wenlock Limestone, Homerian Stage, Wenlock Series, Silurian.
760 yds SSE of New House, Ludlow, Shropshire, England (loc. 114D)
(Nat. Grid Ref. SO 4581 7253).
Holland, Rickards & Warren 1969, p. 672, pl. 130, fig. 3.
- Monograptus flemingii* Salter Figured
TCD. 8110
Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 4).
Rickards & Smyth 1968, p. 133, pl. 4, fig. j.
- Monograptus flemingii* Salter Figured
TCD. 8111
Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 4).
Rickards & Smyth 1968, p. 133, pl. 4, fig. i.
- Monograptus flemingii* Salter Figured
TCD. 8662
lundgreni Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
550 yds SW of Burrington Bridge, Ludlow, Shropshire, England
(loc. 79) (Nat. Grid Ref. SO 4323 7172).
Holland, Rickards & Warren 1969, pl. 130, fig. 8.
(Cited by Holland *et al.* as 8652)
- Monograptus ludensis* Murchison Figured
TCD. 8658
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
460 yds NNE of Burrington Church, Ludlow, Shropshire, England
(loc. 61) (Nat. Grid Ref. SO 4433 7250).
Holland, Rickards & Warren 1969, p. 673, pl. 130, fig. 2, text-fig. 2a.
- Monograptus ludensis* Murchison Figured
TCD. 8744, 8744a
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
470 yds NW of Burrington Bridge, Ludlow, Shropshire, England

(loc. 41) (Nat. Grid Ref. SO 4327 7232).
Holland, Rickards & Warren 1969, p. 673, text-figs 2g,h.
(8744 = fig. 2g; 8744a = fig. 2h)

Monograptus ludensis Murchison Figured
TCD. 9638 a,b (part and counterpart)
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 338, pl. 14, fig. g.
(9638b = fig. g; 9638a unfigured)

Monograptus ludensis Murchison Figured
TCD. 9639 a,b
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 338, pl. 14, fig. f.
(9639a = fig. f; 9639b = fig. e)

Monograptus ludensis Murchison Figured
TCD. 9640
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 338, pl. 14, fig. d.

Monograptus ludensis Murchison Figured
TCD. 9641 a,b
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 338, pl. 14, figs a,c, pl. 15, figs a,b.
(9641a = fig. 14a; 9641b = fig. 14c; 9641a,b = fig. 15a; 9641b = fig. 15b)

Monograptus ludensis Murchison Figured
TCD. 9642 a,b (part and counterpart)
ludensis Zone, Homeric Stage, Wenlock Series, Silurian.
Cloncannon road section, Devilsbit Mountain, Co. Tipperary.
Palmer 1970, p. 338, pl. 14, fig. b.
(9642a = fig. b; 9642b unfigured)

Monograptus ludensis Referred
TCD. 13670
scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.
Long Mountain, Powys, Wales.
Rickards & Palmer 1977, p. 62, 64.

Monograptus priodon Bronn Figured
TCD. 8115 a,b (part and counterpart)
murchisoni Zone, Upper Owenduff Group, Wenlock Series, Silurian.
Ballard, nr. Clonbur, Co. Galway (loc. 2).
Rickards & Smyth 1968, p. 133, pl. 4, fig. b.
(8115a = fig. b; 8115b unfigured)

- Monograptus proteus* Barrande Figured
 TCD. 8271 a,b (part and counterpart)
 Silurian.
 Balbriggan, Co. Dublin.
 Hutt, Rickards & Skevington 1970, p. 12, pl. 3, fig. 55.
 (8271b = fig. 55; 8271a unfigured)
- Monograptus pseudobeckii* Bouček & Přibyl Figured
 TCD. 8638, TCD. 8639 (part and counterpart)
turriculatus Zone, upper Llandovery Series, Silurian.
 Raheen Bridge, Tomgraney, Co. Clare (loc. 15).
 Rickards & Archer 1969, p. 228, text-fig. 4c.
 (8638 = fig. 4c; 8639 unfigured)
- Monograptus riccartonensis* Lapworth Figured
 TCD. 8107
riccartonensis Zone, Upper Owenduff Group, Wenlock Series, Silurian.
 Ballard, nr. Clonbur, Co. Galway (loc. 3).
 Rickards & Smyth 1968, p. 133, pl. 4, fig. h.
- Monograptus riccartonensis* Lapworth Referred
 TCD. 8506 – TCD. 8521
riccartonensis Zone, Upper Owenduff Group, Sheinwoodian Stage, Wenlock
 Series, Silurian.
 Ballard, nr. Clonbur, Co. Galway (loc. 3).
 Rickards & Smyth 1968, p. 133.
- Monograptus* sp. 1 Figured
 TCD. 8112
murchisoni Zone, Upper Owenduff Group, Sheinwoodian Stage, Wenlock
 Series, Silurian.
 Ballard, nr. Clonbur, Co. Galway (loc. 2).
 Rickards & Smyth 1968, p. 133, pl. 4, fig. e.
- Monograptus* sp. 1 Figured
 TCD. 8113
murchisoni Zone, Upper Owenduff Group, Sheinwoodian Stage, Wenlock
 Series, Silurian.
 Ballard, nr. Clonbur, Co. Galway (loc. 2).
 Rickards & Smyth 1968, p. 133, pl. 4, fig. d.
- Monograptus* sp. 1 Figured
 TCD. 8114
murchisoni Zone, Upper Owenduff Group, Sheinwoodian Stage, Wenlock
 Series, Silurian.
 Ballard, nr. Clonbur, Co. Galway (loc. 2).
 Rickards & Smyth 1968, p. 133, pl. 4, figs. f,g.
- Monograptus* sp. Figured
 TCD. 13665

scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.

Long Mountain, Powys, Wales.

Rickards & Palmer 1977, p. 62, text-figs 7, 8a-c, 9a,c,d,f, 10a-c, e-h.

Monograptus sp.

Figured

TCD. 13666

scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.

Long Mountain, Powys, Wales.

Rickards & Palmer 1977, p. 62, text-fig. 9b.

Monograptus sp.

Referred

TCD. 13668

scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.

Long Mountain, Powys, Wales.

Rickards & Palmer 1977, p. 62, 64.

Neodiversograptus nilssoni Barrande

Neotype

TCD. 9735

N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.

Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33025 31092).

Palmer 1971a, p. 366, text-figs 4b,c, 5d, 6c, 8a,b.

Figured Palmer 1971b, pl. 3, figs a,b.

Neodiversograptus nilssoni Barrande

Figured

TCD. 9734

N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.

Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33025 31092).

Palmer 1971a, p. 366, text-figs 3a,b, 6a,b,d-f.

Neodiversograptus nilssoni Barrande

Figured

TCD. 9736

N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.

Stream section above Lower Heldre, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 32950 31060).

Palmer 1971a, p. 366, text-fig. 4a.

Neodiversograptus nilssoni Barrande

Figured

TCD. 9737

N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.

Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33025 31092).

Palmer 1971a, p. 366, text-figs 4d, 5a,b.

Neodiversograptus nilssoni Barrande

Figured

TCD. 9738

N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.

Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33025 31092).

Palmer 1971a, p. 366, text-fig. 4e.

- Neodiversograptus nilssoni* Barrande Figured
 TCD. 9739
N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.
 Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33028 31062).
 Palmer 1971a, p. 366, text-fig. 8c.
- Neodiversograptus nilssoni* Barrande Figured
 TCD. 9740
N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.
 Rowley Brook, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 32944 30560).
 Palmer 1971a, p. 366, text-fig. 8d.
- Neodiversograptus nilssoni* Barrande Figured
 TCD. 9741
N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.
 Stream section, nr. Middletown, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 33025 31092).
 Palmer 1971a, p. 366, text-figs 8e, 9a,b, 10.
- Neodiversograptus nilssoni* Barrande Figured
 TCD. 9743
N. nilssoni Zone, Gorstian Stage, Ludlow Series, Silurian.
 Long Mountain, Powys, Wales.
 Palmer 1971a, p. 366, text-fig. 5c.
- Orthograptus calcaratus* Lapworth Figured
 TCD. 8650
gracilis Zone, Caradoc Series, Ordovician.
 Raheen Bridge, Tomgraney, Co. Clare (loc. 5).
 Rickards & Archer 1969, pl. 9, fig. b.
- Orthograptus* sp. Figured
 TCD. 8272a,b (part and counterpart)
 upper *turriculatus* Zone, upper Llandovery Series, Silurian.
 Balbriggan, Co. Dublin.
 Hutt, Rickards & Skevington 1970, p. 4, pl. 1, fig. 7.
 (8272a = fig. 7; 8272b unfigured)
- Pristiograptus dubius* Suess Figured
 TCD. 8663
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 370 yds NW of Burrington Bridge, Ludlow, Shropshire, England (loc. 40)
 (Nat. Grid Ref. SO 4334 7227).
 Holland, Rickards & Warren 1969, pl. 130, fig. 7.
- Pristiograptus dubius* Suess Referred
 TCD. 13669
scanicus Zone, Gorstian Stage, Ludlow Series, Silurian.
 Long Mountain, Powys, Wales.
 Rickards & Palmer 1977, p. 62, 64.

Pristiograptus jaegeri Holland, Rickards & Warren Holotype
 TCD. 8661
ludensis Zone, Wenlock Limestone, Homerian Stage, Wenlock Series, Silurian.
 700 yds NE of Burrington Church, Ludlow, Shropshire, England (loc. 100A)
 (Nat. Grid Ref. SO 4488 7244).
 Holland, Rickards & Warren 1969, p. 668, pl. 130, fig. 1, text-fig. 2n.

Pristiograptus jaegeri Holland, Rickards & Warren Figured
 TCD. 8696
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 370 yds NW of Burrington Bridge, Ludlow, Shropshire, England (loc. 40)
 (Nat. Grid Ref. SO 4334 7227).
 Holland, Rickards & Warren 1969, p. 668, text-fig. 2r.

Pristiograptus jaegeri Holland, Rickards & Warren Figured
 TCD. 8745
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 700 yds NE of Burrington Church, Ludlow, Shropshire, England (loc. 100)
 (Nat. Grid Ref. SO 4478 7240).
 Holland, Rickards & Warren 1969, p. 668, text-fig. 2m.

Pristiograptus jaegeri Holland, Rickards & Warren Figured
 TCD. 9218
ludensis Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 370 yds NW of Burrington Bridge, Ludlow, Shropshire, England (loc. 40)
 (Nat. Grid Ref. SO 4334 7227).
 Holland, Rickards & Warren 1969, p. 668, text-fig. 2q.

Pristiograptus sp. 1 Figured
 TCD. 8654
lundgreni Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 230 yds S of Burrington Church, Ludlow, Shropshire, England (loc. 91)
 (Nat. Grid Ref. SO 4424 7190).
 Holland, Rickards & Warren 1969, p. 671, pl. 130, fig. 6, text-fig. 1d.

Pristiograptus sp. 1 Figured
 TCD. 8660
lundgreni Zone, Wenlock Shale, Homerian Stage, Wenlock Series, Silurian.
 230 yds S of Burrington Church, Ludlow, Shropshire, England (loc. 91)
 (Nat. Grid Ref. SO 4424 7190).
 Holland, Rickards & Warren 1969, p. 671, pl. 130, fig. 5.

Conodontophorida

Bispathodus aculeatus aculeatus Branson & Mehl Referred
 TCD. 19824
 Courceyan Stage, Lower Carboniferous.
 Borehole, 165 m at 41° 31' from old mine chimney, Ballyvergin, Co. Clare.
 Clayton *et al.* 1980, p. 95.

Spathognathodus cf. *cristulus* Youngquist & Miller

Referred

TCD. 19830

Courceyan Stage, Lower Carboniferous.

Borehold, 165m at 41° 30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, p. 96.

Scolecodonts

Scolecodont fragment

Figured

TCD. 22043 (old no. 45/4)

Upper Carricktriss Formation, Tremadoc Series to Arenig Series, Ordovician.

Field, 0.5 km S of Boolyglass village, Slievenamon, Co. Tipperary (Nat. Grid Ref.

S 487 303).

Colthurst & Smith 1977, pl. 2, fig. 1.

Chitinozoa

Conochitina sp.

Figured

TCD. 22030 (old no. 78/8)

Killanena Formation, upper Llandovery Series to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 4) (Nat. Grid Ref. R 1576 1871).

Emo & Smith 1978, pl. 1, fig. 19.

Problematica

Coleolus cf. *namurcensis* Demanet

Referred

TCD. 388

Loughshinny Black Beds, Brigantian Stage, Lower Carboniferous.

Old quarry, 170 yds at 25° from Mallahow House, 2½ miles SSW of Naul,

Co. Dublin (loc. N9).

Smyth 1950, p. 318.

Coleolus cf. *namurcensis* Demanet

Referred

TCD. 389, TCD. 390

Loughshinny Black Beds, Brigantian Stage, Lower Carboniferous.

1000 yds at 100° from the Nag's Head, 6¾ miles WSW of Skerries, Co. Dublin

(loc. N11).

Smyth 1950, p. 318.

Coleolus cf. *namurcensis* Demanet

Referred

TCD. 391

Loughshinny Black Beds, Brigantian Stage, Lower Carboniferous.

Railway cutting, 1200 yds at 87° from Baldongan Castle, 2 miles SSW of Skerries,

Co. Dublin (loc. N134).

Smyth 1950, p. 318.

Cuticle-like fragment with cellular pattern

Figured

TCD. 19744 (old no. 89/2)

lundgreni Zone, Hollyford Formation, Homerian Stage, Wenlock Series, Silurian.

Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid Ref. R 917 525).

Smith 1979, pl. 1, fig. 11.

Hyolithes triangularis Portlock **Referred**
 TCD. 7872
 Killey Bridge Formation, Ashgill Series, Ordovician.
 Desertcreat Inlier, Co. Tyrone (? loc. 3 of Mitchell 1977).
 Tunnicliff 1980, p. 76.

Tube with internal helical thickening **Figured**
 TCD. 22026 (old no. 67/5)
 Capard Formation, Wenlock Series, Silurian.
 Stream exposure, 275 m SW of bench mark 809.6, Capard inlier, Co. Laois (Nat.
 Grid Ref. N 367 059).
 Holland & Smith 1979, p. 104, pl. 2, fig. 17.
 Feehan 1979b, pl. 2.6, fig. 17.

Tube with internal spiral thickening **Figured**
 TCD. 19744 (old no. 89/2)
lundgreni Zone, Hollyford Formation, Homerian Stage, Wenlock Series, Silurian.
 Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid Ref. R 917 525).
 Smith 1979, pl. 1, fig. 10.

Symbiosis

'*Camarotoechia nucula*' J. de C. Sowerby/c.f. *Lituities ibex* J. de C. Sowerby **Figured**
 TCD. 9688
leintwardinensis incipiens Zone, Long Mountain Siltstone Formation, Ludlow Series,
 Silurian.
 Cwn y Sul Dingle, nr Buttington, Long Mountain, Powys, Wales (Nat. Grid Ref.
 SJ 32623 30815).
 Holland 1971, p. 18, pl. 2, fig. b.

Cornulites sp./eospiriferid brachiopod **Figured**
 TCD. 9687
 Silurian.
 Gotland, Sweden.
 Holland 1971, p. 23, pl. 2, fig. a.

Fuchsella amygdalina J. de C. Sowerby/*Orbiculoidea rugata* J. de C. Sowerby **Figured**
 TCD. 9685
 Wern Quarry Beds, upper Ludfordian Stage, Ludlow Series, Silurian.
 Wern Quarry, Knighton — Penybont road, Powys, Wales.
 Holland 1971, p. 20, text-fig. 3b.

'*Orthoceras*' *bullatum* J. de C. Sowerby/*Spirorbis* **Figured**
 TCD. 9686
 Ludfordian Stage, Ludlow Series, Silurian.
 Knighton district, Powys, Wales.
 Holland 1971, p. 25, text-fig. 6.

Strophomenid brachiopods/orthoconic nautiloid **Figured**
 TCD. 9684

rigidus Zone, Trewern Brook Mudstone Formation, Sheinwoodian Stage, Wenlock Series, Silurian.

Stream exposure, 80 yds S of road, Kingswood, Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 32423 30229).

Holland 1971, p. 18, text-fig. 1b.

Trace Fossils

Cruziana furcifera d'Orbigny

† Figured

TCD. 21743a,b (cast of GSM 103290)

Arenig Series, Ordovician.

Trwyn-Llech-y-doll, St. Tudwal's Peninsula, North Wales (loc. 1).

Crimes 1968, pl. 11.

Cruziana semiplicata Salter

† Figured

TCD. 21658

Ffestiniog Stage, Upper Cambrian.

Northern slopes of Gwm Graianog, Carnedd-y-Filiast, Gwynedd, North Wales (loc. 3)

(Nat. Grid Ref. SH 625630).

Crimes 1970, p. 49, pl. 6.

Ichonium wattsi Sollas

*Type

TCD. T2

Red Shale, Bray Group, Cambrian.

½ mile south of Bray Head, Co. Wicklow.

Sollas 1900, p. 284, pl. 17, fig. 1.

Oldhamia antiqua Forbes

Figured

TCD. F7

Bray Group, Cambrian.

Bray Head, Co. Wicklow.

Sollas 1900, p. 280, pl. 17, fig. 3.

Vertebrata

Bothriolepis sp.

Referred

TCD. 19618

Valentia Slate Formation to Ballinskelligs Sandstone Formation, late Middle to early Upper Devonian.

Dromgour — Bolus Head section, western end of Iveragh Peninsula, Co. Kerry (FB 1-7).

Russell 1978, p. 154.

Cervus elaphus var. *fossilis hibernicus* Haughton

Type

TCD. T125

Pleistocene.

Bohoe, Co. Fermanagh.

Haughton 1864, p. 125, pl. 11.

Figured Haughton 1865, p. 339, text-fig. 63.

- Dolichosoma emersoni* Huxley Type
TCD. T86
Westphalian Stage, Upper Carboniferous.
Jarrow colliery, Clogh, Co. Kilkenny.
Huxley & Wright 1867, p. 366, pl. 21, fig. 3.
(Presented on permanent loan to National Museum of Ireland, no. NMI. G.40: 1959)
- Erpetocephalus rugosus* Huxley Type
TCD. T84
Westphalian Stage, Upper Carboniferous.
Jarrow colliery, Clogh, Co. Kilkenny.
Huxley & Wright 1867, p. 368, pl. 23, fig. 2.
(Presented on permanent loan to National Museum of Ireland, No. NMI. G.39: 1959)
- Ichthyerpeton bradleyae* Huxley Type
TCD. T87
Westphalian Stage, Upper Carboniferous.
Jarrow colliery, Clogh, Co. Kilkenny.
Huxley & Wright 1867, p. 367, pl. 23, fig. 1.
(Presented on permanent loan to National Museum of Ireland, no. NMI G.42: 1959)
- Ichtyosaurus communis* Conybeare *Figured
TCD. 17372
Lower Jurassic.
Lyme Regis, Dorset, England.
Haughton 1865, p. 272, text-fig. 35.
- Ichtyosaurus communis* Conybeare Figured
TCD. 22930
Lower Jurassic.
Boll, Württemberg, W. Germany.
Haughton 1865, p. 272, text-fig. 37.
- Ichthyosaurus platyodon* Conybeare Figured
TCD. 22929
Lower Jurassic.
Lyme Regis, Dorset, England.
Haughton 1865, p. 272, text-fig. 36.
- Keraterpeton galvani* Huxley Type
TCD. F70
Westphalian Stage, Upper Carboniferous.
Jarrow colliery, Clogh, Co. Kilkenny.
Huxley & Wright 1867, p. 354, pl. 19, figs 2-4.
(Presented on permanent loan to National Museum of Ireland, No. NMI. G.47: 1959)
- Keraterpeton galvani* Huxley Referred
TCD. R252
Westphalian Stage, Upper Carboniferous.
Jarrow colliery, Clogh, Co. Kilkenny.

Steen 1938, p. 219.

(Presented on permanent loan to National Museum of Ireland, no. NMI. G.48: 1959)

Lepterpeton dobbsii Huxley

Type

TCD. T85

Westphalian Stage, Upper Carboniferous.

Jarrow colliery, Clogh, Co. Kilkenny.

Huxley & Wright 1867, p. 362, pl. 21, fig. 1.

(Presented on permanent loan to National Museum of Ireland, no. NMI. G.38: 1959)

Ophiderpeton brownriggii Huxley

Syntype

TCD. T88

Westphalian Stage, Upper Carboniferous.

Jarrow colliery, Clogh, Co. Kilkenny.

Huxley & Wright 1867, p. 364, pl. 22, fig. 4.

(Presented on permanent loan to National Museum of Ireland, no. NMI. G.36: 1959)

Ophiderpeton brownriggii Huxley

Syntype

TCD. T89

Westphalian Stage, Upper Carboniferous.

Jarrow colliery, Clogh, Co. Kilkenny.

Huxley & Wright 1867, p. 364, pl. 22, fig. 1.

(Presented on permanent loan to National Museum of Ireland, no. NMI G.34: 1959)

Ophiderpeton brownriggii Huxley

Syntype

TCD. T90

Westphalian Stage, Upper Carboniferous.

Jarrow colliery, Clogh, Co. Kilkenny.

Huxley & Wright 1867, p. 364, pl. 22, fig. 3.

(Presented on permanent loan to National Museum of Ireland, no. NMI: G.35: 1959)

Plesiosaurus dolichodeirus

see *Plesiosaurus hawkinsi*

Plesiosaurus hawkinsi Owen

†Type

TCD. 22932 (cast of BM. 2018*)

Lower Lias, Lower Jurassic.

Street, Glastonbury, Somerset, England.

Owen 1840a, p. 57.

Figured Hawkins 1834, pl. 24 (as *Plesiosaurus triatarsostinus*).

Figured Buckland 1837, pls 17, 18 (as *Plesiosaurus dolichodeirus*).

Figured Hawkins 1840, pl. 24 (as *Plesiosaurus triatarsostinus*).

Figured Haughton 1865, p. 274, text-fig. 40 (as *Plesiosaurus dolichodeirus*).

Figured Zittel 1932, p. 292, text-fig. 400 (as *Plesiosaurus dolichodeirus*).

Referred to Owen 1840b, p. 515.

Referred to Huxley 1858, p. 284.

Referred to Lydekker 1889, p. 262.

Plesiosaurus macrocephalus Owen

†Type

TCD. 22931 (cast of BM. R1336)

Lower Lias, Lower Jurassic.
 Lyme Regis, Dorset, England.
 Owen 1840a, p. 62.
 Figured Buckland 1837, pl. 19, figs. 1,2.
 Figured Owen 1840b, p. 515, pls 43,45.
 Figured Haughton 1865, p. 274, text-fig. 39.
 Referred to Lydekker 1889, p. 267.

Plesiosaurus triatarsostinus
 see *Plesiosaurus hawkinsi*

Pycnodus platessus Blainville
 TCD. 3610
 Upper Eocene.
 Monte Bolca, Verona, Italy.
 Haughton 1865, p. 224, text-fig. 21.

Figured

Sauripterus sp.
 TCD. 19740 (cast of BM. P59684)
 St. Finan's Sandstone Formation, Upper Devonian.
 St. Finan's Bay, western end of Iveragh Peninsula, Co. Kerry (FB 6).
 Russell 1978, p. 157, text-fig. 7.

†Figured

Urocordylus wandesfordii Huxley
 TCD. T83
 Westphalian Stage, Upper Carboniferous.
 Jarrow colliery, Clogh, Co. Kilkenny.
 Huxley & Wright 1867, p. 359, pl. 20, fig. 1.
 (Presented on permanent loan to National Museum of Ireland, no. NMI. G.44: 1959)

Type

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JOHN R. NUDDS
Department of Geology,
Trinity College, Dublin.

CATALOGUE OF TYPE, FIGURED AND REFERRED FOSSILS IN
THE GEOLOGICAL MUSEUM OF TRINITY COLLEGE,
DUBLIN: PART 4.
(PLANTAE)

JOHN R. NUDDS

(Received July 1st 1983)

Plantae

- | | |
|--|----------|
| <i>Aneimites obtusilobus</i> Naumann
TCD. 19737
? Courceyan Stage, Lower Carboniferous.
Kinnitty, Slieve Bloom, Co. Offaly.
Feehan 1979a, p. 403, pl. 1, figs a-c.
Feehan 1979b, p. 17, pl. 2.3. | Figured |
| <i>Aneimites obtusilobus</i> Naumann
TCD. 19738
? Courceyan Stage, Lower Carboniferous.
Kinnitty, Slieve Bloom, Co. Offaly.
Feehan 1979a, p. 403, pl. 1, figs d, e.
Feehan 1979b, p. 17, pl. 2.3. | Figured |
| <i>Aneimites obtusilobus</i> Naumann
TCD. 19739
? Courceyan Stage, Lower Carboniferous.
Kinnitty, Slieve Bloom, Co. Offaly.
Feehan 1979a, p. 403, pl. 1, fig. f. | Figured |
| <i>Bothrodendron kiltorkense</i> Haughton
TCD. F9
Old Red Sandstone, Upper Devonian.
Kiltorcan Hill, Co. Kilkenny.
Johnson 1913, p. 526, pl. 35, fig. 2. | *Figured |
| <i>Bothrodendron kiltorkense</i> Haughton
TCD. F10
Old Red Sandstone, Upper Devonian.
Kiltorcan Hill, Co. Kilkenny.
Johnson 1913, p. 526, pl. 35, fig. 3. | Figured |

- Bothrodendron kiltorkense* Haughton **Figured**
TCD. F11
Old Red Sandstone, Upper Devonian.
Kiltorcan Hill, Co. Kilkenny.
Johnson 1913, p. 527, pl. 38, fig. 5.
- Bothrodendron kiltorkense* Haughton **Figured**
TCD. F12
Old Red Sandstone, Upper Devonian.
Kiltorcan Hill, Co. Kilkenny.
Johnson 1913, p. 528, pl. 40, fig. 1.
- Bothrodendron kiltorkense* Haughton **Figured**
TCD. F13
Old Red Sandstone, Upper Devonian.
Kiltorcan Hill, Co. Kilkenny.
Johnson 1913, p. 528, pl. 41, figs 1, 2.
- Corynepteris stellata* Baily **Holotype**
TCD. 17930
? Upper Namurian Series, Upper Carboniferous.
Townland of Ballygiltinan Lower, nr. Glin, Co. Limerick.
Baily 1860a, p. 238, pl. 21, figs 1a-c.
Figured Baily 1860b, p. 15, text-figs 8a-c.
Figured Galtier & Scott 1979, p. 86, pl. 1, figs 1-5,
text-figs 1a-f.
- Cyclostigma griffithii* Haughton **Type**
TCD. T7
Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 420, pl. 17.
- Cyclostigma (Lepidodendron) griffithii* Brongniart **Figured**
TCD. F129a, b
Yellow Sandstone, Carboniferous.
Darney, Dunkineely, Co. Donegal.
Haughton 1861a, p. 13, pl. F, fig. b.
Haughton 1861b, p. 22, pl. 5, fig. b.
- Cyclostigma (Lepidodendron) griffithi* Brongniart **Figured**
TCD. F130
Yellow Sandstone, Carboniferous.
Darney, Dunkineely, Co. Donegal.
Haughton 1861a, p. 13, pl. F, fig. c.
Haughton 1861b, p. 22, pl. 5, fig. c.
- Cyclostigma kiltorkense* Haughton ***Type**
TCD. T5
Old Red Sandstone, Upper Devonian.

Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 16, fig. 1.

Cyclostigma kiltorkense Haughton
TCD. 6012

Figured

Kiltorcan Formation, Upper Old Red Sandstone, Upper Devonian.
Quarry, W side of Kiltorcan Hill, Ballyhale, Co. Kilkenny
(Nat. Grid Ref. 557344).
Chaloner 1968, p. 25, text-fig. 2.

Cyclostigma kiltorkense Haughton
TCD. 6080

***Figured**

Kiltorcan Formation, Upper Old Red Sandstone, Upper Devonian.
Quarry, W side of Kiltorcan Hill, Ballyhale, Co. Kilkenny
(Nat. Grid Ref. 557344).
Chaloner 1968, p. 25, pl. 1, figs 1, 2, text-fig. 1.

Cyclostigma kiltorkense Haughton
TCD. 6107

Figured

Kiltorcan Formation, Upper Old Red Sandstone, Upper Devonian.
Quarry, W side of Kiltorcan Hill, Ballyhale, Co. Kilkenny
(Nat. Grid Ref. 557344).
Chaloner 1968, p. 25, pl. 3, fig. 6, text-fig. 13.

Cyclostigma minutum Haughton
TCD. T6

Type

Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 16, fig. 2.

Cyclostigma sp.
TCD. F3

Figured

Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 14, fig. 1.

Cyclostigma sp.
TCD. F4

Figured

Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 14, fig. 3.

Cyclostigma sp.
TCD. F5

Figured

Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 15, figs 1, 2.

Cyclostigma sp.
TCD. F6

Figured

Old Red Sandstone, Upper Devonian.
Kiltorcan, Co. Kilkenny.
Haughton 1860, p. 419, pl. 14, fig. 2.

Dactylothea sturi Kidston

Referred

TCD. 399

Loughshinny Black Beds, Brigantian Stage, Lower
Carboniferous.

Old quarry, 160 yds at 120° from Mallahow House, 2½ miles
SSW of Naul, Co. Dublin (loc. N8).

Smyth 1950, p. 303.

Dictyophyllum darniense Haughton

Holotype

TCD. T104

Yellow Sandstone, Carboniferous.

Darney, Dunkineely, Co. Donegal.

Haughton 1861a, p. 13, pl. D.

Haughton 1861b, p. 21, pl. 3.

Knorria imbricata Göppert

Figured

TCD. F126

Base of Lower Carboniferous.

Haynichen, Freiberg, Saxony, Germany.

Haughton 1861a, pl. A.

Konickopora (sic) sp.

Figured

TCD. P10746

Cooldrinagh bed 7, Arundian Stage, Lower Carboniferous.

Cooldrinagh Quarry, Lucan, Co. Dublin.

Marchant & Sevastopulo 1980, text-fig. 3b.

Konickopora (sic) sp.

Figured

TCD. P10771

Weirview Quarry bed 66, Arundian Stage, Lower Carboniferous.

Weirview Quarry, north of bridge in Lucan, Co. Dublin.

Marchant & Sevastopulo 1980, p. 200, text-fig. 3a.

Plant indet

Figured

TCD. F128

Yellow Sandstone, Carboniferous.

Darney, Dunkineely, Co. Donegal.

Haughton 1861a, p. 13, pl. F, fig. a.

Haughton 1861b, p. 22, pl. 5, fig. a.

Pseudosporochus sp.

Referred

TCD. 16976

? Middle Devonian.

S side of Burren Hill, Co. Mayo.

Holland 1977, p. 59.

Sphenopteris stangeri Stur **Referred**
TCD. 398
Loughshinny Black Beds, Brigantian Stage, Lower Carboniferous.
Old quarry, 160 yds at 120° from Mallahow House, 2½ miles
SSW of Naul, Co. Dublin (loc. N8).
Smyth 1950, p. 303.

Stigmaria sp. **Figured**
TCD. F127
Yellow Sandstone, Carboniferous.
Darney, Dunkineely, Co. Donegal.
Haughton 1861a, p. 13, pl. E.
Haughton 1861b, p. 22, pl. 4.

Plantae: Miospores

Acanthotriletes hacquebardii Playford **Figured**
TCD. 22298
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 8k.

Acanthotriletes hacquebardii Playford **Figured**
TCD. 22299
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, text-fig. 8l.

Acanthotriletes macrogaleatus Phillips & Clayton **Holotype**
TCD. 22295
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text-fig. 8h.

Acanthotriletes macrogaleatus Phillips & Clayton **Figured**
TCD. 22289
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text-fig. 8b.

Acanthotriletes macrogaleatus Phillips & Clayton **Figured**
TCD. 22290
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text. fig. 8c.

- Acanthotriletes macrogaleatus* Phillips & Clayton Figured
TCD. 22291
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text-fig. 8d.
- Acanthotriletes macrogaleatus* Phillips & Clayton Figured
TCD. 22294
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text-fig. 8g.
- Acanthotriletes macrogaleatus* Phillips & Clayton Figured
TCD. 22296
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 125, text-fig. 8i.
- Ambitisporites avitus* Hoffmeister Figured
TCD. 19744 (old no. 89/2)
lundgreni Zone, Hollyford Formation, Wenlock Series,
Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary.
(Nat. Grid Ref. R 917 525).
Smith 1979, pl. 1, fig. 5.
- Ambitisporites avitus* Hoffmeister Figured
TCD. 22025 (old no. 67/4)
Capard Formation, Wenlock Series, Silurian.
Stream exposures, 275m SW of bench mark 809.6, Capard
inlier, Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, p. 106, pl. 2, figs 1-4.
Feehan 1979b, pl. 2.6, figs 1-4.
- Ambitisporites avitus* Hoffmeister Figured
TCD. 22030 (old no. 78/8)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 4) (Nat. Grid Ref. R 1576
1871).
Emo & Smith 1978, pl. 1, fig. 14.
- Ambitisporites avitus* Hoffmeister Figured
TCD. 22045 (old no. 52/5)
Rathclarish Formation, Tremadoc Series to Arenig Series,
Ordovician.
Hillside, NE of Castlejohn Bridge, Slievenamon, Co. Tipperary

(Nat. Grid Ref. S 397 313).
Colthurst & Smith 1977, pl. 2, fig. 15.

Ambitisporites avitus Hoffmeister **Figured**
TCD. 22047 (old no. 62/2)
South Lodge Formation, Wenlock Series, Silurian.
Field between Toor and Kilcash, Slievenamon, Co. Tipperary
(Nat. Grid Ref. S 316 291).
Colthurst & Smith 1977, pl. 2, fig. 16.

Ambitisporites avitus Hoffmeister **Figured**
TCD. 22048 (old no. 62/3)
South Lodge Formation, Wenlock Series, Silurian.
Field between Toor and Kilcash, Slievenamon, Co. Tipperary
(Nat. Grid Ref. S 316 291).
Colthurst & Smith 1977, pl. 2, fig. 17.

Ambitisporites sp. **Figured**
TCD. 19744 (old no. 89/2)
lundgreni Zone, Hollyford Formation, Wenlock Series,
Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid Ref.
R 917 525).
Smith 1979, pl. 1, fig. 3.

? *Ambitisporites* sp. **Figured**
TCD. 22025 (old no. 67/4)
Capard Formation, Wenlock Series, Silurian.
Stream exposure, 275m SW of bench mark 809.6, Capard inlier,
Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, pl. 2, fig. 6.
Feehan 1979b, pl. 2.6, fig. 6.

? *Ambitisporites* sp. **Figured**
TCD. 22027 (old no. 67/7)
Capard Formation, Wenlock Series, Silurian.
Stream exposure, 275m SW of bench mark 809.6, Capard inlier,
Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, pl. 2, fig. 5.
Feehan 1979b, pl. 2.6, fig. 5.

Ambitisporites sp. **Figured**
TCD. 22030 (old no. 78/8)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 4) (Nat. Grid Ref. 1576 1871).
Emo & Smith 1978, pl. 1, fig. 15.

Anapiculatisporites hystriacus Playford **Figured**
TCD. 22292

Leckascannalmore Member, Capnagower Formation, CM Miospore Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 8e.

Anapiculatisporites hystricosus Playford

TCD. 22293

Figured

Leckascannalmore Member, Capnagower Formation, CM Miospore Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 8f.

Ancistrospora verrucosa Menéndez & Azcuy

TCD. 22224 (old no. UCD. PC 108)

Figured

Kiltorcan Formation, VI Miospore Zone, Courceyan Stage, Lower Carboniferous.

Quarry at Mountbolton Wood, 3.2 km N of Portlaw, Co.

Waterford (Nat. Grid Ref. S466 176) (sample 1).

Keegan & Penney 1978, p. 574, pl. 1, fig. 1.

? *Ancyrospora* sp.

TCD. 22282

Figured

Sherkin Formation, Devonian.

Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).

Clayton & Graham 1974, p. 582, pl. 4, fig. 6.

Apiculatisporis heteroconus Clayton

TCD. 20017

Holotype

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare (depth 200-205').

Clayton *et al.* 1980, p. 97, text-fig. 3f.

Apiculatisporis heteroconus Clayton

TCD. 20016

Figured

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare (depth 200-205').

Clayton *et al.* 1980, p. 97, text-fig. 3e.

Apiculatisporis heteroconus Clayton

TCD. 20018

Figured

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare (depth 200-205').

Clayton *et al.* 1980, p. 97, text-fig. 3i.

Apiculatisporis sp.

TCD. 22248

Figured

Foilcoagh Bay Beds, Sherkin Formation, Devonian.

Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 571, pl. 1, fig. 5.

Archaeozonotriletes cf. *archaelepidophytus* Kedo
TCD. 22279

Figured

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, pl. 4, fig. 3.

Archaeozonotriletes cf. *chulus nanus* Richardson & Lister
TCD. 19744 (old no. 89/2)

Figured

lundgreni Zone, Hollyford Formation, Wenlock Series,
Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat.
Grid Ref. R 917 525).
Smith 1979, pl. 1, figs 6, 7.

Archaeozonotriletes cf. *chulus nanus* Richardson & Lister
TCD. 22025 (old no. 67/4)

Figured

Capard Formation, Wenlock Series, Silurian.
Stream exposure, 275m SW of bench mark 809.6, Capard
inlier, Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, p. 106, pl. 2, fig. 8.
Feehan 1979b, pl. 2.6, fig. 8.

Archaeozonotriletes cf. *chulus nanus* Richardson & Lister
TCD. 22027 (old no. 67/7)

Figured

Capard Formation, Wenlock Series, Silurian.
Stream exposure, 275m SW of bench mark 809.6, Capard
inlier, Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, p. 106, pl. 2, figs 7, 9.
Feehan 1979b, pl. 2.6, figs 7, 9.

Archaeozonotriletes variabilis Naumova
TCD. 22264

Figured

Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 576, pl. 3, figs 1, 2.

Archaeozonotriletes variabilis Naumova
TCD. 22265

Figured

Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 576, pl. 3, fig. 3.

Archaeozonotriletes variabilis Naumova
TCD. 22266

Figured

Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 576, pl. 3, fig. 4.

- Auroraspora curvatura* Keegan & Penney Holotype
TCD. 22226 (old no. UCD. PC 107)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Quarry at Mountbolton Wood, 3.2 km N of Portlaw, Co.
Waterford (Nat. Grid Ref. S 466 176) (sample 1).
Keegan & Penney 1978, p. 572, pl. 1, fig. 3.
- Auroraspora curvatura* Keegan & Penney Figured
TCD. 22225 (old no. UCD. PC 111)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw, Co.
Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, p. 572, pl. 1, fig. 2.
- Auroraspora macra* Sullivan Figured
TCD. 22095 (old no. UCD. PC 76)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 4, fig. 6.
- Auroraspora macra* Sullivan Figured
TCD. 22325
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, text-fig. 9r.
- Baculatisporites fusticulus* Sullivan Figured
TCD. 20019
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, text-fig. 3j.
- Baculatisporites fusticulus* Sullivan Figured
TCD. 22060 (old no. UCD. PC 93)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 1, fig. 10.
- Baculatisporites fusticulus* Sullivan Figured
TCD. 22297
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, text-fig. 8j.

- Converrucosporites liratus* Clayton & Graham **Holotype**
TCD. 22250
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 571, pl. 1, fig. 7.
- Converrucosporites liratus* Clayton & Graham **Figured**
TCD. 22251
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 571, pl. 1, fig. 8.
- Converrucosporites liratus* Clayton & Graham **Figured**
TCD. 22253
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 571, pl. 1, fig. 10.
- Converrucosporites liratus* Clayton & Graham **Figured**
TCD. 22254
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 571, pl. 1, fig. 11.
- Convolutispora circumvallata* Clayton **Figured**
TCD. 22312
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, text-fig. 9e.
- Convolutispora* sp. A Keegan **Figured**
TCD. 22067 (old no. UCD. PC 89)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, p. 548, pl. 2, fig. 6.
- Convolutispora* sp. A Keegan **Figured**
TCD. 22070 (old no. UCD. PC 78)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, p. 548, pl. 2, fig. 9.
- Corbulispora* cf. *cancellata* Waltz **Figured**
TCD. 22062 (old no. UCD. PC 77)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, p. 550, pl. 2, fig. 1.

- Crassispora maculosa* Knox Figured
TCD. 20024
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, text-fig. 3o.
- Crassispora maculosa* Knox Figured
TCD. 22230 (old no. UCD. PC 112)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw,
Co. Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, p. 575, pl. 1, fig. 7.
- Crassispora maculosa* Knox Figured
TCD. 22231 (old no. UCD. PC 113)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw,
Co. Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, p. 575, pl. 1, fig. 8.
- Crassispora maculosa* Knox Figured
TCD. 22232 (old no. UCD. PC 109)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw,
Co. Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, p. 575, pl. 1, fig. 9.
- Crassispora maculosa* Knox Figured
TCD. 22233 (old no. UCD. PC 114)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw,
Co. Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, p. 575, pl. 1, fig. 10.
- Crassispora trychera* Neves & Ioannides Figured
TCD. 22304
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Philips & Clayton 1980, text-fig. 8q.
- Cristatisporites cf. aculeatus* Hacquebard Figured
TCD. 22102 (old no. UCD. PC 72)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.

Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 5, fig. 1.

Cyclogranisporites commodus Playford **Figured**
TCD. 22057 (old no. UCD. PC 83)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 1, fig. 7.

Densosporites spitsbergensis Playford **Figured**
TCD. 22107 (old no. UCD. PC 105)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 19).
Keegan 1977, pl. 5, fig. 6.

Dictyotriletes craticulus Clayton & Graham **Holotype**
TCD. 22270
Sherkin Formation, Devonian.
Coosadouglas, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, p. 575, pl. 3, fig. 8.

Dictyotriletes craticulus Clayton & Graham **Figured**
TCD. 22267
Sherkin Formation, Devonian.
Coosadouglas, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, p. 575, pl. 3, fig. 5.

Dictyotriletes flavus Keegan **Holotype**
TCD. 22064 (old no. UCD. PC 102)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, p. 550, pl. 2, fig. 3.

Dictyotriletes flavus Keegan **Figured**
TCD. 22065 (old no. UCD. PC 97)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, p. 550, pl. 2, fig. 4.

Dictyotriletes flavus Keegan **Figured**
TCD. 22066 (old no. UCD. PC 103)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, p. 550, pl. 2, fig. 5.

- Dictyotriletes flavus* Keegan Figured
 TCD. 22068 (old no. UCD. PC 104)
 Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
 Lower Carboniferous.
 Leap Harbour, Co. Cork (sample 18).
 Keegan 1977, p. 550, pl. 2, fig. 7.
- Dictyotriletes flavus* Keegan Figured
 TCD. 22069 (old no. UCD. PC 98)
 Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
 Lower Carboniferous.
 Leap Harbour, Co. Cork (sample 18).
 Keegan 1977, p. 550, pl. 2, fig. 8.
- Dictyotriletes flavus* Keegan Figured
 TCD. 22071 (old no. UCD. PC 99)
 Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
 Lower Carboniferous.
 Leap Harbour, Co. Cork (sample 18).
 Keegan 1977, p. 550, pl. 2, fig. 10.
- Dictyotriletes flavus* Keegan Figured
 TCD. 22072 (old no. UCD. PC 100)
 Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
 Lower Carboniferous.
 Leap Harbour, Co. Cork (sample 18).
 Keegan 1977, p. 550, pl. 2, fig. 11.
- Dictyotriletes perlotus* Naumova Figured
 TCD. 22268
 Foilcoagh Bay Beds, Sherkin Formation, Devonian.
 Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
 Clayton & Graham 1974, p. 576, pl. 3, fig. 6.
- Dictyotriletes perlotus* Naumova Figured
 TCD. 22269
 Foilcoagh Bay Beds, Sherkin Formation, Devonian.
 Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
 Clayton & Graham 1974, p. 576, pl. 3, fig. 7.
- Dictyotriletes submarginatus* Playford Figured
 TCD. 22073 (old no. UCD. PC 14)
 Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
 Stage, Devonian.
 Galley Head, Co. Cork (sample 5).
 Keegan 1977, pl. 2, fig. 12.
- Dictyotriletes submarginatus* Playford Figured
 TCD. 22308
 Leckascannalmore Member, Capnagower Formation, CM Miospore

Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample D).
Phillips & Clayton 1980, p. 126, text-fig. 9a.

Dictyotriletes submarginatus Playford
TCD. 22309

Figured

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, p. 126, text-fig. 9b.

Dictyotriletes submarginatus Playford
TCD. 22310

Figured

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, p. 126, text-fig. 9c.

Dictyotriletes trivialis Naumova
TCD. 20023

Figured

Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, text-fig. 3n.

Dictyotriletes sp. A Keegan
TCD. 22074 (old no. UCD. PC 81)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 12).
Keegan 1977, p. 552, pl. 2, fig. 13.

Figured

Dictyotriletes sp. A Keegan
TCD. 22075 (old no. UCD. PC 64)
Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 5).
Keegan 1977, p. 552, pl. 2, fig. 14.

Figured

Discernisporites sp. A Sullivan
TCD. 20022

Figured

Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 321').
Clayton *et al.* 1980, text-fig. 3m.

Discernisporites sp.
TCD. 22229 (old no. UCD. PC 115)

Figured

Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.

Small quarry on edge of Kilbunny Wood, S of Portlawn,
Co. Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, pl. 1, fig. 6.

Emphanisporites annulatus McGregor
TCD. 22234

Figured

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample b).
Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 1.

Emphanisporites hibernicus Clayton, Higgs & Keegan

Figured

TCD. 22078 (old no. UCD. PC 57)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 3, fig. 3.
Clayton, Higgs & Keegan 1977, p. 420, pl. 1, fig. 11.

Emphanisporites hibernicus Clayton, Higgs & Keegan

Figured

TCD. 22240
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Old Head of Kinsale, Co. Cork (sample g).
Clayton, Higgs & Keegan 1977, p. 420, pl. 1, fig. 10.

Emphanisporites hibernicus Clayton, Higgs & Keegan

Figured

TCD. 22241
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
West Seven Heads, Co. Cork (sample e).
Clayton, Higgs & Keegan 1977, p. 420, pl. 1, fig. 12.

Emphanisporites hibernicus Clayton, Higgs & Keegan

Figured

TCD. 22242
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
West Seven Heads, Co. Cork (sample f).
Clayton, Higgs & Keegan 1977, p. 420, pl. 1, fig. 13.

Emphanisporites rotatus McGregor

Figured

TCD. 22081 (old no. UCD. PC 87)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 6.

Emphanisporites rotatus McGregor

Figured

TCD 22235
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower

Carboniferous.

West Seven Heads, Co. Cork (sample f).

Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 2.

Emphanisporites rotatus McGregor

Figured

TCD. 22236

Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.

West Seven Heads, Co. Cork (sample f).

Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 3.

Emphanisporites rotatus McGregor

Figured

TCD. 22237

Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.

Cuskinny, 4 km NE of Ringaskiddy, Co. Cork.

Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 5.

Emphanisporites rotatus McGregor

Figured

TCD. 22238

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.

West Seven Heads, Co. Cork (sample d).

Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 7.

Emphanisporites rotatus McGregor

Figured

TCD. 22239

Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.

Old Head of Kinsale, Co. Cork (sample g).

Clayton, Higgs & Keegan 1977, p. 417, pl. 1, fig. 9.

Geminospora plicata Clayton & Graham

Holotype

TCD. 22277

Foilcoagh Bay Beds, Sherkin Formation, Devonian.

Foilcoagh Bay, Clear Island, Co. Cork (sample 1).

Clayton & Graham 1974, p. 579, pl. 4, fig. 1.

Geminospora plicata Clayton & Graham

Figured

TCD. 22278

Foilcoagh Bay Beds, Sherkin Formation, Devonian.

Foilcoagh Bay, Clear Island, Co. Cork (sample 1).

Clayton & Graham 1974, p. 579, pl. 4, fig. 2.

Geminospora plicata Clayton & Graham

Figured

TCD. 22280

Foilcoagh Bay Beds, Sherkin Formation, Devonian.

Foilcoagh Bay, Clear Island, Co. Cork (sample 1).

Clayton & Graham 1974, p. 579, pl. 4, fig. 4.

- Geminospora plicata* Clayton & Graham **Figured**
TCD. 22281
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 579, pl. 4, fig. 5.
- Grandispora microdecora* Phillips & Clayton **Holotype**
TCD. 22318
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, p. 128, text-fig. 9k.
- Grandispora microdecora* Phillips & Clayton **Figured**
TCD. 22315
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, p. 128, text-fig. 9h.
- Grandispora microdecora* Phillips & Clayton **Figured**
TCD. 22316
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, p. 128, text-fig. 9i.
- Grandispora microdecora* Phillips & Clayton **Figured**
TCD. 22317
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, p. 128, text-fig. 9j.
- Grandispora saetosa* Clayton & Graham **Holotype**
TCD. 22274
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, p. 578, pl. 3, fig. 12.
- Grandispora saetosa* Clayton & Graham **Figured**
TCD. 22275
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 578, pl. 3, fig. 13.
- Grandispora saetosa* Clayton & Graham **Figured**
TCD. 22276
Sherkin Formation, Devonian.

Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 578, pl. 3, fig. 14.

Grandispora sp.

Figured

TCD. 22271

Sherkin Formation, Devonian.

Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).

Clayton & Graham 1974, p. 579, pl. 3, fig. 9.

Grandispora sp.

Figured

TCD. 22272

Sherkin Formation, Devonian.

Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).

Clayton & Graham 1974, p. 579, pl. 3, fig. 10.

Hymenozonotriletes explanatus Lubert

Figured

TCD. 22090 (old no. UCD. PC 70)

Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower Carboniferous.

Galley Head, Co. Cork (sample 8).

Keegan 1977, pl. 4, fig. 1.

Hymenozonotriletes explanatus Lubert

Figured

TCD. 22091 (old no. UCD. PC 63)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian' Stage, Devonian.

Galley Head, Co. Cork (sample 5).

Keegan 1977, pl. 4, fig. 2.

Hymenozonotriletes explanatus Lubert

Figured

TCD. 22228 (old no. UCD. PC 106)

Kiltorcan Formation, VI Miospore Zone, Courceyan Stage, Lower Carboniferous.

Quarry at Mountbolton Wood, 3.2 km N of Portlaw, Co.

Waterford (Nat. Grid Ref. S 466 176) (sample 1).

Keegan & Penney 1978, pl. 1, fig. 5.

Hymenozonotriletes famenensis Naumova

Figured

TCD. 22092 (old no. UCD. PC 60)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian' Stage, Devonian.

Galley Head, Co. Cork (sample 4).

Keegan 1977, pl. 4, fig. 3.

Hymenozonotriletes famenensis Naumova

Figured

TCD. 22093 (old no. UCD. PC 68)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian' Stage, Devonian.

Galley Head, Co. Cork (sample 5).

Keegan 1977, pl. 4, fig. 4.

- Hystricosporites* sp. Figured
TCD. 22258
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 1.
- Hystricosporites* sp. Figured
TCD. 22259
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 2.
- Hystricosporites* sp. Figured
TCD. 22260
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 3.
- Hystricosporites* sp. Figured
TCD. 22261
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 4.
- Hystricosporites* sp. Figured
TCD. 22262
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 5.
- Hystricosporites* sp. Figured
TCD. 22263
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 2, fig. 6.
- Knoxisporites* cf. *triradiatus* Hoffmeister, Staplin & Malloy Figured
TCD. 22087 (old no. UCD. PC 59)
Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 4).
Keegan 1977, pl. 3, fig. 12.
- Leiomarginata simplex* Naumova Figured
TCD. 22021 (old no. 91/1)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Bailly lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 164, pl. 12, fig. c.

- Leiomarginata simplex* Naumova Figured
TCD. 22022 (old no. 91/3)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 164, pl. 12, figs d, e, text-figs g, h.
- Leiomarginata simplex* Naumova Figured
TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 164, pl. 12, fig. f.
- Leiovalia* sp. *Figured
TCD. 22032 (old no. 83/1)
Caher Hill Formation, ? upper Llandeilo Series to lower
Caradoc Series (*peltifer* or *gracilis* Zone), Ordovician.
Slieve Aughty, Co. Clare (loc. 2) (Nat. Grid Ref. R 1529 1902).
Emo & Smith 1978, pl. 1, fig. 10.
- Lophosphaeridium tentativum* Volkova Figured
TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth.
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 164, pl. 12, fig. g.
- Lophosphaeridium tentativum* Volkova Figured
TCD. 22024 (old no. 91/6)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 164, text-fig. 2a.
- Lophozonotriletes cristifer* Luber Figured
TCD. 22083 (old no. UCD. PC 79)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 10).
Keegan 1977, p. 552, pl. 3, fig. 8.
- Lophozonotriletes cristifer* Luber Figured
TCD. 22086 (old no. UCD. PC 88)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, p. 552, pl. 3, fig. 11.
- Lophozonotriletes malevkensis* Naumova Figured
TCD. 22080 (old no. UCD. PC 74)

Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 3, fig. 5.

Lophozonotriletes sp. Higgs Figured
TCD. 22084 (old no. UCD. PC 91)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 9.

Lycospora pusilla Ibrahim Figured
TCD. 22326
Kinnacorra Member, Capnagower Formation, PU Miospore Zone,
Chadian Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample F).
Phillips & Clayton 1980, text-fig. 9s.

Micrhystridium lanatum Volkova Figured
TCD. 22021 (old no. 91/1)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Bailly lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 165, pl. 12, fig. h, text-fig. 2b.

Micrhystridium lanatum Volkova Figured
TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Bailly lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 165, pl. 12, fig. i, text-fig. 2c.

Micrhystridium obscurum Volkova Figured
TCD. 22021 (old no. 91/1)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Bailly lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 165, pl. 12, fig. j, text-figs 2 e, f.

Micrhystridium parvum Volkova Figured
TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Bailly lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 165, text-fig. 2d.

Prolycospora rugulosa Butterworth & Spinner Figured
TCD. 22327
Kinnacorra Member, Capnagower Formation, PU Miospore

Zone, Chadian Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample E).
Phillips & Clayton 1980, text-fig. 9t.

Protoleiosphaeridium sp.

Figured

TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 165, pl. 12, fig. k.

Pulvinispora quasilabrata Higgs

Figured

TCD. 22051 (old no. UCD. PC 61)
Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 5).
Keegan 1977, pl. 1, fig. 1.

Pulvinispora quasilabrata Higgs

Figured

TCD. 22227 (old no. UCD. PC 110)
Kiltorcan Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Small quarry on edge of Kilbunny Wood, S of Portlaw, Co.
Waterford (Nat. Grid Ref. S 472 142) (sample 2).
Keegan & Penney 1978, pl. 1, fig. 4.

Pulvinispora scolecophora Neves & Ioannides

Figured

TCD. 22052 (old no. UCD. PC 65)
Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 5).
Keegan 1977, pl. 1, fig. 2.

Punctatisporites glabrimarginatus Owens

Figured

TCD. 22246
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 570, pl. 1, fig. 3.

Punctatisporites glabrimarginatus Owens

Figured

TCD. 22249
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, p. 570, pl. 1, fig. 6.

Punctatisporites irrasus Hacquebard

Figured

TCD. 20010
Courceyan Stage, Lower Carboniferous.
Borehole 165m at 41°30' from old mine chimney, Ballyvergin,

Co. Clare (depth 321').
Clayton *et al.* 1980, p. 89, text-fig. 3a.

Punctatisporites irrasus Hacquebard
TCD. 20011

Figured

Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, p. 89, text-fig. 3b.

Punctatisporites sp.
TCD 22244

Figured

Sherkin Formation, Devonian.
Coosadouglas, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, pl. 1, fig. 1.

Punctatisporites sp.
TCD. 22245

Figured

Sherkin Formation, Devonian.
Coosadouglas, NE coast of Clear Island, Co. Cork
(sample 2).
Clayton & Graham 1974, pl. 1, fig. 2.

Pustulatisporites cf. *gibberosus* Playford
TCD. 22058 (old no. UCD. PC 69)

Figured

Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 8).
Keegan 1977, pl. 1, fig. 8.

Radiizonates mirabilis Phillips & Clayton
TCD. 22320

Holotype

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, p. 128, text-fig. 9m.

Radiizonates mirabilis Phillips & Clayton
TCD. 22319

Figured

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 128, text-fig. 9l.

Radiizonates mirabilis Phillips & Clayton
TCD. 22321

Figured

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample D).
Phillips & Clayton 1980, p. 128, text-fig. 9n.

- Radiiizonates mirabilis* Phillips & Clayton **Figured**
TCD. 22322
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample A).
Phillips & Clayton 1980, p. 128, text-fig. 9o.
- Raistrickia macrura* Luber **Figured**
TCD. 22056 (old no. UCD. PC 62)
Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 5).
Keegan 1977, pl. 1, fig. 6.
- Raistrickia variabilis* Dolby & Neves **Figured**
TCD. 22059 (old no. UCD. PC 73)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 1, fig. 9.
- Raistrickia* sp. **Figured**
TCD. 22252
Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 572, pl. 1, fig. 9.
- Retusotriletes crassus* Clayton **Holotype**
TCD. 20013
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 200-205').
Clayton *et al.* 1980, p. 97, text-fig. 3d.
- Retusotriletes crassus* Clayton **Figured**
TCD. 20014
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 200-205').
Clayton *et al.* 1980, p. 97, text-fig. 3g.
- Retusotriletes crassus* Clayton **Figured**
TCD. 20015
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 200-205').
Clayton *et al.* 1980, p. 97, text-fig. 3h.
- Retusotriletes incohatus* Sullivan **Figured**
TCD. 20012

Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, p. 89, text-fig. 3c.

Retusotriletes incohatus Sullivan Figured
TCD. 22053 (old no. UCD. PC 82)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 12).
Keegan 1977, pl. 1, fig. 3.

Retusotriletes incohatus Sullivan Figured
TCD. 22288
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 8a.

Retusotriletes triangulatus Streeel Figured
TCD. 22061 (old no. UCD. PC 15)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 1, fig. 11.

Retusotriletes sp. A Higgs Figured
TCD. 22054 (old no. UCD. PC 35)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, p. 548, pl. 1, fig. 4.

Retusotriletes sp. A Higgs Figured
TCD. 22055 (old no. UCD. PC 71)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, p. 548, pl. 1, fig. 5.

Retusotriletes ? sp. nov. Figured
TCD. 22029 (old no. 70/4)
Capard Formation, Wenlock Series, Silurian.
Waterfall, 120m NE of bench mark 891.5, Capard inlier,
Co. Laois (Nat. Grid Ref. N 359 047).
Holland & Smith 1979, p. 106, pl. 2, figs 11-14.
Feehan 1979b, pl. 2.6, figs 11-14.

Retusotriletes sp. Figured
TCD. 19743 (old no. 89/3)

lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid
Ref. R 917 525).
Smith 1979, pl. 1, fig. 1.

? *Retusotriletes* sp.

Figured

TCD. 19744 (old no. 89/2)

lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid
Ref. R 917 525).
Smith 1979, pl. 1, fig. 4.

Retusotriletes sp.

Figured

TCD. 22247

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 570, pl. 1, fig. 4.

Rugospora minuta Neves & Ioannides

Figured

TCD. 22311

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 9d.

Rugospora polyptycha Neves & Ioannides

Figured

TCD. 22313

Kinnacorra Member, Capnagower Formation, PU Miospore Zone,
Chadian Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample E).
Phillips & Clayton 1980, text-fig. 9f.

Rugospora versabilis Kedo

Figured

TCD. 22094 (old no. UCD. PC 1)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 5).
Keegan 1977, pl. 4, fig. 5.

Rugospora sp.

Figured

TCD. 22273

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 579, pl. 3, fig. 11.

Samarisporites inusitatus Allen

Figured

TCD. 22286

Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 584, pl. 4, fig. 10.

- Samarisporites inusitatus* Allen **Figured**
TCD. 22287
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 584, pl. 4, fig. 11.
- Samarisporites triangulatus* Allen **Figured**
TCD. 22283
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 584, pl. 4, fig. 7.
- Samarisporites triangulatus* Allen **Figured**
TCD. 22284
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 584, pl. 4, fig. 8.
- Samarisporites triangulatus* Allen **Figured**
TCD. 22285
Sherkin Formation, Devonian.
Coosadouglass, NE coast of Clear Island, Co. Cork (sample 2).
Clayton & Graham 1974, p. 584, pl. 4, figs 9, 12.
- Schopfites claviger* Sullivan **Figured**
TCD. 22300
Kinnacorra Member, Capnagower Formation, PU Miospore Zone,
Chadian Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample E).
Phillips & Clayton 1980, text-fig. 8m.
- Schopfites claviger* Sullivan **Figured**
TCD. 22301
Kinnacorra Member, Capnagower Formation, PU Miospore Zone,
Chadian Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample E).
Phillips & Clayton 1980, text-fig. 8n.
- Schopfites* sp. A Higgs **Figured**
TCD. 22063 (old no. UCD. PC 80)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 12).
Keegan 1977, pl. 2, fig. 2.
- Sculptured trilete spores **Figured**
TCD. 19744 (old no. 89/2)
lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid
Ref. R 917 525).
Smith 1979, pl. 1, figs 12, 13.

- Smooth tetrads **Figured**
TCD. 19744 (old no. 89/2)
lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid
Ref. R 917 525).
Smith 1979, pl. 1, fig. 8.
- Spelaeotriletes balteatus* Playford **Figured**
TCD. 20026
Courseyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 200-205').
Clayton *et al.* 1980, p. 91, text-fig. 3q.
- Spelaeotriletes balteatus* Playford **Figured**
TCD. 22103 (old no. UCD. PC 95)
Lispatrick Formation, PC Miospore Zone, Courseyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 5, fig. 2.
- Spelaeotriletes exiguus* Keegan **Holotype**
TCD. 22096 (old no. UCD. PC 56)
Old Head Sandstone Formation, LL Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 1).
Keegan 1977, p. 558, pl. 4, fig. 7.
- Spelaeotriletes exiguus* Keegan **Figured**
TCD. 22097 (old no. UCD. PC 55)
Old Head Sandstone Formation, LL Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 1).
Keegan 1977, p. 558, pl. 4, fig. 8.
- Spelaeotriletes exiguus* Keegan **Figured**
TCD. 22098 (old no. UCD. PC 54)
Old Head Sandstone Formation, LL Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 1).
Keegan 1977, p. 558, pl. 4, fig. 9.
- Spelaeotriletes exiguus* Keegan **Figured**
TCD. 22099 (old no. UCD. PC 53)
Old Head Sandstone Formation, LL Miospore Zone, 'Strunian'
Stage, Devonian.
Galley Head, Co. Cork (sample 1).
Keegan 1977, p. 558, pl. 4, fig. 10.
- Spelaeotriletes lepidophytus* Kedo **Figured**
TCD. 22100 (old no. UCD. PC 66)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.

Galley Head, Co. Cork (sample 5).

Keegan 1977, p. 558, pl. 4, fig. 11.

Spelaeotriletes lepidophytus Kedo

Figured

TCD. 22101 (old no. UCD. PC 58)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'
Stage, Devonian.

Galley Head, Co. Cork (sample 4).

Keegan 1977, p. 558, pl. 4, fig. 12.

Spelaeotriletes pretiosus Playford

Figured

TCD. 20025

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 200-205').

Clayton *et al.* 1980, p. 91, text-fig. 3p.

Spelaeotriletes pretiosus Playford

Figured

TCD. 22104 (old no. UCD. PC 94)

Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.

Leap Harbour, Co. Cork (sample 18).

Keegan 1977, pl. 5, fig. 3.

Spelaeotriletes pretiosus Playford

Figured

TCD. 22105 (old no. UCD. PC 48)

Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.

Leap Harbour, Co. Cork (sample 18).

Keegan 1977, pl. 5, fig. 4.

Spelaeotriletes pretiosus Playford

Figured

TCD. 22314

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.

Northeastern Clare Island, Co. Mayo (sample C).

Phillips & Clayton 1980, text-fig. 9g.

Spore tetrad

Figured

TCD. 19744 (old no. 89/2)

lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.
Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid

Ref. R 917 525).

Smith 1979, pl. 1, fig. 2.

Spore Type A

Figured

TCD. 22089 (old no. UCD. PC 85)

Kinsale Formation, VI Miospore Zone, Courceyan Stage,

Lower Carboniferous.

Leap Harbour, Co. Cork (sample 16).

Keegan 1977, p. 559, pl. 3, fig. 14.

Tetrad

Figured

TCD. 19744 (old no. 89/2)

lundgreni Zone, Hollyford Formation, Wenlock Series, Silurian.

Roadside quarry, Slieve Felim, Co. Tipperary (Nat. Grid

Ref. R 917 525).

Smith 1979, pl. 1, fig. 9.

Umbonatisporites abstrusus Playford

Figured

TCD. 20021

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,

Co. Clare (depth 347'6").

Clayton *et al.* 1980, text-fig. 31.

Vallatisporites ciliaris Luber

Figured

TCD. 22323

Kinnacorra Member, Capnagower Formation, PU Miospore Zone,

Chadian Stage, Lower Carboniferous.

Northeastern Clare Island, Co. Mayo (sample E).

Phillips & Clayton 1980, text-fig. 9p.

Vallatisporites pusillites Kedo

Figured

TCD. 22111 (old no. UCD. PC 6)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'

Stage, Devonian.

Galley Head, Co. Cork (sample 5).

Keegan 1977, pl. 5, fig. 10.

Vallatisporites pusillites Kedo

Figured

TCD. 22112 (old no. UCD. PC 67)

Old Head Sandstone Formation, LN Miospore Zone, 'Strunian'

Stage, Devonian.

Galley Head, Co. Cork (sample 5).

Keegan 1977, pl. 5, fig. 11.

Vallatisporites vallatus Hacquebard

Figured

TCD. 20027

Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,

Co. Clare (depth 306').

Clayton *et al.* 1980, p. 91, text-fig. 3r.

Vallatisporites vallatus Hacquebard

Figured

TCD. 22106 (old no. UCD. PC 42)

Lispatrick Formation, PC Miospore Zone, Courceyan Stage,

Lower Carboniferous.

Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 5, fig. 5.

Vallatisporites vallatus Hacquebard
TCD. 22110 (old no. UCD. PC 41)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 5, fig. 9.

Figured

Vallatisporites verrucosus Hacquebard
TCD. 22108 (old no. UCD. PC 101)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 5, fig. 7.

Figured

Vallatisporites verrucosus Hacquebard
TCD. 22109 (old no. UCD. PC 96)
Lispatrick Formation, PC Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 18).
Keegan 1977, pl. 5, fig. 8.

Figured

Vallatisporites sp. A Higgs
TCD. 22324
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, text-fig. 9q.

Figured

Verrucosisporites irregularis Phillips & Clayton
TCD. 22302
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 126, text-fig. 8o.

Holotype

Verrucosisporites irregularis Phillips & Clayton
TCD. 22303
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 126, text-fig. 8p.

Figured

Verrucosisporites irregularis Phillips & Clayton
TCD. 22307
Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample B).
Phillips & Clayton 1980, p. 126, text-fig. 8t.

Figured

- Verrucosisporites nitidus* Naumova **Figured**
TCD. 20020
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare (depth 347'6").
Clayton *et al.* 1980, p. 91, text-fig. 3k.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22076 (old no. UCD. PC 84)
Kinsale Formation, VI Miospore Zone, Courceyan Stage,
Lower Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 1.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22077 (old no. UCD. PC 90)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 2.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22079 (old no. UCD. PC 86)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 4.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22082 (old no. UCD. PC 75)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Galley Head, Co. Cork (sample 9).
Keegan 1977, pl. 3, fig. 7.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22085 (old no. UCD. PC 92)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 10.
- Verrucosisporites nitidus* Naumova **Figured**
TCD. 22088 (old no. UCD. PC 20)
Kinsale Formation, VI Miospore Zone, Courceyan Stage, Lower
Carboniferous.
Leap Harbour, Co. Cork (sample 16).
Keegan 1977, pl. 3, fig. 13.
- Verrucosisporites nitidus* Playford **Figured**
TCD. 22305

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, text-fig. 8r.

Verrucosisporites nitidus Playford

Figured

TCD. 22306

Leckascannalmore Member, Capnagower Formation, CM Miospore
Zone, Courceyan Stage, Lower Carboniferous.
Northeastern Clare Island, Co. Mayo (sample C).
Phillips & Clayton 1980, text-fig. 8s.

Verrucosisporites tumulentus Clayton & Graham

Holotype

TCD. 22256

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 1, fig. 13.

Verrucosisporites tumulentus Clayton & Graham

Figured

TCD. 22255

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 1, fig. 12.

Verrucosisporites tumulentus Clayton & Graham

Figured

TCD. 22257

Foilcoagh Bay Beds, Sherkin Formation, Devonian.
Foilcoagh Bay, Clear Island, Co. Cork (sample 1).
Clayton & Graham 1974, p. 574, pl. 1, fig. 14.

Plantae: Acritarchs

Acanthodiacrodium cf. *constrictum* Deunff

Figured

TCD. 22041 (old no. 45/1)

Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 14.

Acanthodiacrodium cf. *constrictum* Deunff

Figured

TCD. 22042 (old no. 45/2)

Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 13.

Acanthodiacrodium convexum Timofeev

Figured

TCD. 22034 (old no. 115/4)

Killanena Formation, upper Llandovery Series to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref. R 1549 1899).

Emo & Smith 1978, pl. 1, fig. 4.

Acanthodiacrodium ignoratum Deunff

Figured

TCD. 22033 (old no. 115/1)

Killanena Formation, upper Llandovery Series to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref. R 1549 1899).

Emo & Smith 1978, pl. 1, fig. 2.

Acanthodiacrodium tremadocum Gorka

Figured

TCD. 20045

Cambro-Ordovician, reworked in Ballyvergin Shale, Courcyeen Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4r.

Acanthodiacrodium sp. 1

Figured

TCD. 22034 (old no. 115/4)

Killanena Formation, upper Llandovery Series to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref. R 1549 1899).

Emo & Smith 1978, pl. 1, fig. 3.

Acanthodiacrodium ? indet

Figured

TCD. 22042 (old no. 45/2)

Upper Carricktriss Formation, Tremadoc Series to Arenig Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co. Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 15.

Archaeohystrichosphaeridium ianischewskyi Timofeev

Figured

TCD. 22049 (old no. 64/3)

Basal Carricktriss Formation, Upper Cambrian.

Carricktriss Gorse, Slievenamon, Co. Tipperary (Nat. Grid Ref. S 475 290).

Colthurst & Smith 1977, pl. 1, figs 1, 2.

Archaeohystrichosphaeridium ianischewskyi Timofeev

Figured

TCD. 22050 (old no. 64/4)

Basal Carricktriss Formation, Upper Cambrian.

Carricktriss Gorse, Slievenamon, Co. Tipperary (Nat. Grid Ref. S 475 290).

Colthurst & Smith 1977, pl. 1, figs 3, 4.

- Archaeohystrichosphaeridium pentagonale* Vanguetaine **Figured**
TCD. 22049 (old no. 64/3)
Basal Carricktriss Formation, Upper Cambrian.
Carricktriss Gorse, Slievenamon, Co. Tipperary (Nat. Grid
Ref. S 475 290).
Colthurst & Smith 1977, pl. 1, figs 5-8.
- cf. Baltisphaeridium areolatum* Jardiné *et al.* **Figured**
TCD. 20038
Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.
Borehole, 165m at 41° 30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4k.
- Baltisphaeridium ciliosum* Volkova **Figured**
TCD. 22022 (old no. 91/3)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 162, pl. 12, fig. b.
- Baltisphaeridium ciliosum* Volkova **Figured**
TCD. 22023 (old no. 91/4)
Gaskin's Leap Formation, Bray Group, Lower Cambrian.
Slate quarry, N side of road to Baily lighthouse, Howth,
Co. Dublin (Nat. Grid Ref. 0 294 306).
Smith 1977, p. 162, pl. 12, fig. a.
- Baltisphaeridium ciliosum* Volkova **Figured**
TCD. 22049 (old no. 64/3)
Basal Carricktriss Formation, Upper Cambrian.
Carricktriss Gorse, Slievenamon, Co. Tipperary (Nat. Grid
Ref. S 475 290).
Colthurst & Smith 1977, pl. 1, fig. 10.
- cf. Baltisphaeridium gueltaense* Jardiné *et al.* **Figured**
TCD. 20035
Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.
Borehole, 165m at 41° 30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4h.
- Coryphidium* sp. **Figured**
TCD. 22034 (old no. 115/4)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.
R 1549 1899).
Emo & Smith 1978, pl. 1, fig. 6.

- Coryphidium* sp. **Figured**
TCD. 22045 (old no. 52/5)
Rathclarish Formation, Tremadoc Series to Arenig Series,
Ordovician.
Hillside, NE of Castlejohn Bridge, Slievenamon, Co. Tipperary
(Nat. Grid Ref. S 397 313).
Colthurst & Smith 1977, pl. 2, fig. 9.
- Costatibolus traumaticus* Cramer **Figured**
TCD. 20032
Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4e.
- Cymatigalea* cf. *cristata* Downie **Figured**
TCD. 22033 (old no. 115/1)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.
R 1549 1899).
Emo & Smith 1978, pl. 1, fig. 8.
- Cymatigalea* sp. **Figured**
TCD. 22034 (old no. 115/4)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.
R 1549 1899).
Emo & Smith 1978, pl. 1, fig. 7.
- Cymbosphaeridium pilar* Cramer **Figured**
TCD. 20029
Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4b.
- ? *Cymbosphaeridium pilar* Cramer **Figured**
TCD. 20034
Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.
Borehole, 165m at 41° 30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4g.
- Dictyotidium cambriense* Slavikova **Figured**
TCD. 22042 (old no. 45/2)

Upper Carricktriss Formation, Tremadoc Series to Arenig Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 12.

Dictyotidium cambriense Slavikova

Figured

TCD. 22049 (old no. 64/3)

Basal Carricktriss Formation, Upper Cambrian.

Carricktriss Gorse, Slievenamon, Co. Tipperary. (Nat. Grid Ref. S 475 290).

Colthurst & Smith 1977, pl. 1, fig. 9.

Diexallophasis denticulata Stockmans & Willièrre

Figured

TCD. 20030

Silurian, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4c.

Diexallophasis remotum Deunff

Figured

TCD. 20031

Silurian, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4d.

Dilatisphaera willierae Martin

Figured

TCD. 20037

Silurian, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4j.

Domasia limaciforme Stockmans & Williere

Figured

TCD. 22035 (old no. 117/4)

Derryfadda Formation, upper Llandovery Series (? *crispus* Zone) to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 7) (Nat. Grid Ref. R 1565 1972).

Emo & Smith 1978, pl. 1, fig. 11.

Domasia trispinosa Downie

Figured

TCD. 22036 (old no. 117/5)

Derryfadda Formation, upper Llandovery Series (? *crispus* Zone) to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 7) (Nat. Grid Ref.

R 1565 1972).

Emo & Smith 1978, pl. 1, fig. 12.

Goniosphaeridium sp.

Figured

TCD. 22040 (old no. 39/12)

Basal Ahenny Formation, Tremadoc Series to Arenig Series,
Ordovician.

Stream section, 100m N of bridge, Mullenbeg, Slievenamon,
Co. Tipperary (Nat. Grid Ref. S 472 289).

Colthurst & Smith 1977, pl. 2, fig. 6.

Goniosphaeridium sp.

Figured

TCD. 22041 (old no. 45/1)

Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 19.

Goniosphaeridium sp.

Figured

TCD. 22043 (old no. 45/5)

Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.

Field, 0.5km of Boolyglass village, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 20.

Leiofusa sp.

Figured

TCD. 22035 (old no. 117/4)

Derryfadda Formation, upper Llandovery Series (? *crispus*
Zone) to ? upper Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 7) (Nat. Grid Ref.
R 1565 1972).

Emo & Smith 1978, pl. 1, fig. 13.

Micrhystridium sp.

Figured

TCD. 22039 (old no. 39/9)

Basal Ahenny Formation, Tremadoc Series to Arenig Series,
Ordovician.

Stream section, 100m N of bridge, Mullenbeg, Slievenamon,
Co. Tipperary (Nat. Grid Ref. S 472 289).

Colthurst & Smith 1977, pl. 2, fig. 3.

Micrhystridium sp.

Figured

TCD. 22043 (old no. 45/5)

Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 16.

Micrhystridium sp.

Figured

TCD. 22044 (old no. 52/4)

Rathclarish Formation, Tremadoc Series to Arenig Series,
Ordovician.

Hillside, NE of Castlejohn Bridge, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 397 313).

Colthurst & Smith 1977, pl. 2, fig. 14.

Moyeria cf. *uticaensis* Thusu

Figured

TCD. 22030 (old no. 78/8)

Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 4) (Nat. Grid Ref.
R 1576 1871).

Emo & Smith 1978, pl. 1, figs 16, 18.

Moyeria cf. *uticaensis* Thusu

Figured

TCD. 22031 (old no. 79/2)

Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 3) (Nat. Grid Ref.
R 1533 1862).

Emo & Smith 1978, pl. 1, fig. 17.

Moyeria sp.

Figured

TCD. 22028 (old no. 70/3)

Capard Formation, Wenlock Series, Silurian.

Waterfall, 120m NE of bench mark 891.5, Capard inlier,
Co. Laois (Nat. Grid Ref. N 359 047).

Holland & Smith 1979, p. 106, pl. 2, fig. 10.

Feehan 1979b, pl. 2.6, fig. 10.

Multiplicisphaeridium sp.

Figured

TCD. 22034 (old no. 115/4)

Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.
R 1549 1899).

Emo & Smith 1978, pl. 1, fig. 9.

Onondagaella cf. *asymmetrica* Deunff

Figured

TCD. 20036

Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
Lower Carboniferous.

Borehole, 165m at 41° 30' from old mine chimney, Ballyvergin,
Co. Clare.

Clayton *et al.* 1980, text-fig. 4i.

Onondagaella cf. *asymmetrica* Deunff

Figured

TCD. 20040

Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
 Lower Carboniferous.
 Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
 Co. Clare.
 Clayton *et al.* 1980, text-fig. 4m.

Oodinium cf. revinium Vanguetaine
 TCD. 22038 (old no. 39/8)

Figured

Basal Ahenny Formation, Tremadoc Series to Arenig Series,
 Ordovician.
 Stream section, 100m N of bridge, Mullenbeg, Slievenamon,
 Co. Tipperary (Nat. Grid Ref. S 472 289).
 Colthurst & Smith 1977, pl. 2, fig. 7.

Oodinium cf. revinium Vanguetaine
 TCD. 22040 (old no. 39/12)

Figured

Basal Ahenny Formation, Tremadoc Series to Arenig
 Series, Ordovician.
 Stream Section, 100m N of bridge, Mullenbeg, Slievenamon,
 Co. Tipperary (Nat. Grid Ref. S 472 289).
 Colthurst & Smith 1977, pl. 2, fig. 8.

Oppilatala sp.
 TCD. 20028

Figured

Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
 Lower Carboniferous.
 Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
 Co. Clare.
 Clayton *et al.* 1980, text-fig. 4a.

Oppilatala sp.
 TCD. 20042

Figured

Silurian, reworked in Ballyvergin Shale, Courceyan Stage,
 Lower Carboniferous.
 Borehole 165m at 41°31' from old mine chimney, Ballyvergin,
 Co. Clare.
 Clayton *et al.* 1980, text-fig. 4o.

Polygonium sp.
 TCD. 22043 (old no. 45/4)

Figured

Upper Carricktriss Formation, Tremadoc Series to Arenig
 Series, Ordovician.
 Field, 0.5km S of Boolyglass village, Slievenamon,
 Co. Tipperary (Nat. Grid Ref. S 487 303).
 Colthurst & Smith 1977, pl. 1, fig. 11.

Polygonium sp.
 TCD. 22044 (old no. 52/4)

Figured

Rathclarish Formation, Tremadoc Series to Arenig Series,
 Ordovician.

Hillside, NE of Castlejohn Bridge, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 397 313).

Colthurst & Smith 1977, pl. 1, fig. 12.

Priscogalea distincta Rasul

Figured

TCD. 20039

Cambro-Ordovician, reworked in Ballyvergin Shale, Courceyan

Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4l.

Priscogalea cf. striatula Vavrdova

Figured

TCD. 22045 (old no. 52/5)

Rathclarrish Formation, Tremadoc Series to Arenig Series,
Ordovician.

Hillside, NE of Castlejohn Bridge, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 397 313).

Colthurst & Smith 1977, pl. 2, fig. 11.

Priscogalea ? sp.

Figured

TCD. 22045 (old no. 52/5)

Rathclarrish Formation, Tremadoc Series to Arenig Series,
Ordovician.

Hillside, NE of Castlejohn Bridge, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 397 313).

Colthurst & Smith 1977, pl. 2, fig. 13.

Stelliferidium simplex Deunff

Figured

TCD. 22033 (old no. 115/1)

Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.

Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.

R 1549 1899).

Emo & Smith 1978, pl. 1, fig. 1.

Stelliferidium striatulum Vavrdova

Figured

TCD. 20041

Cambro-Ordovician, reworked in Ballyvergin Shale, Courceyan

Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare.

Clayton *et al.* 1980, text-fig. 4n.

Striatotheca sp.

Figured

TCD. 22038 (old no. 39/8)

Basal Ahenny Formation, Tremadoc Series to Arenig Series,
Ordovician.

Stream section, 100 m N of bridge, Mullenbeg, Slievenamon,

Co. Tipperary (Nat. Grid Ref. S 472 289).

Colthurst & Smith 1977, pl. 2, fig. 2.

Striatotheca sp.

Figured

TCD. 22043 (old no. 45/5)

Upper Carricktriss Formation, Tremadoc Series to Arenig Series, Ordovician.

Field, 0.5km S of Boolyglass village, Slievenamon, Co.

Tipperary (Nat. Grid Ref. S 487 303).

Colthurst & Smith 1977, pl. 1, fig. 17.

Tectitheca sp.

Figured

TCD. 20046

Cambro-Ordovician, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4s.

Tylogmasoma alargadum Cramer

Figured

TCD. 20033

Silurian, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°30' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4f.

Veryhachium fakirum Martin

Figured

TCD. 20044

Cambro-Ordovician, reworked in Ballyvergin Shale, Courceyan Stage, Lower Carboniferous.

Borehole, 165m at 41°31' from old mine chimney, Ballyvergin, Co. Clare.

Clayton *et al.* 1980, text-fig. 4q.

Veryhachium lairdi Deflandre

Figured

TCD. 22029 (old no. 70/4)

Capard Formation, Wenlock Series, Silurian.

Waterfall, 120m NE of bench mark 891.5, Capard inlier, Co. Laois (Nat. Grid Ref. N 359 047).

Holland & Smith 1979, p. 106, pl. 2, fig. 15.

Feehan 1979b, pl. 2.6, fig. 15.

Veryhachium minutum Downie

Figured

TCD. 22037 (old no. 39/5)

Basal Ahenny Formation, Tremadoc Series to Arenig Series, Ordovician.

Stream section, 100m N of bridge, Mullenbeg, Slievenamon, Co. Tipperary (Nat. Grid Ref. S 472 289).

Colthurst & Smith 1977, pl. 2, fig. 4.

Veryhachium minutum Downie

Figured

TCD. 22039 (old no. 39/9)

Basal Ahenny Formation, Tremadoc Series to Arenig Series,
Ordovician.
Stream section, 100m N of bridge, Mullenbeg, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 472 289).
Colthurst & Smith 1977, pl. 2, fig. 5.

Veryhachium trispinosum Eisenack

Figured

TCD. 22026 (old no. 67/5)
Capard Formation, Wenlock Series, Silurian.
Stream exposure, 275m SW of bench mark 809.6, Capard inlier,
Co. Laois (Nat. Grid Ref. N 367 059).
Holland & Smith 1979, p. 106, pl. 2, fig. 16.
Feehan 1979b, pl. 2.6, fig. 16.

Veryhachium trisulcum Deunff

Figured

TCD. 22042 (old no. 45/2)
Upper Carricktriss Formation, Tremadoc Series to Arenig
Series, Ordovician.
Field, 0.5km S of Boolyglass village, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 487 303).
Colthurst & Smith 1977, pl. 1, fig. 18.

Veryhachium trisulcum Deunff

Figured

TCD. 22046 (old no. 52/6)
Rathclarish Formation, Tremadoc Series to Arenig Series,
Ordovician.
Hillside, NE of Castlejohn Bridge, Slievenamon, Co.
Tipperary (Nat. Grid Ref. S 397 313).
Colthurst & Smith 1977, pl. 2, fig. 10.

Vulcanisphaera africana Deunff

Figured

TCD. 20043
Cambro-Ordovician, reworked in Ballyvergin Shale,
Courceyan Stage, Lower Carboniferous.
Borehole, 165m at 41°30' from old mine chimney, Ballyvergin,
Co. Clare.
Clayton *et al.* 1980, text-fig. 4p.

Vulcanisphaera sp.

Figured

TCD. 22033 (old no. 115/1)
Killanena Formation, upper Llandovery Series to ? upper
Wenlock Series, Silurian.
Slieve Aughty, Co. Clare (loc. 1) (Nat. Grid Ref.
R 1549 1899).
Emo & Smith 1978, pl. 1, fig. 5.

Table 1. Statistical analysis of the type, figured and referred collections in the Geological Museum, Trinity College, Dublin, based on systematic groupings.

GROUP	TYPE	FIGURED	REFERRED	TOTAL
Protozoa : Foraminifera		34		34
Porifera		3		3
Archaeocyatha		12	1	13
Coelenterata	31	133	18	182
Bryozoa			1	1
Brachiopoda	39	33	5	77
Mollusca : Bivalvia	6	10	23	39
Mollusca : Gastropoda		4	8	12
Mollusca : Cephalopoda	12	43	29	84
Arthropoda : Trilobita	8	29	48	85
Arthropoda : Eurypterida		1		1
Arthropoda : Crustacea		1		1
Arthropoda : Insecta		1		1
Echinodermata : Blastoidea	1	14		15
Echinodermata : Crinoidea	23	30	14	67
Echinodermata : Asterozoa		4		4
Echinodermata : Echinoidea	2	3	4	9
Graptoloidea	3	75	33	111
Conodontophorida			2	2
Scolecodonts		1		1
Chitinozoa		1		1
Problematica		3	5	8
Symbiosis		5		5
Trace Fossils	1	3		4
Vertebrata	12	5	2	19
Plantae	6	22	3	31
Plantae : Miospores	14	200		214
Plantae : Acritarchs		66		66
TOTAL	158	736	196	1090

TABLE 1

Table 2. Statistical analysis of the type, figured and referred collections in the Geological Museum, Trinity College, Dublin, based on stratigraphical groupings.

PERIOD	TYPE	FIGURED	REFERRED	TOTAL
Recent		1		1
Pleistocene	1			1
Miocene		1		1
Eocene		1		1
Cretaceous		1		1
Jurassic	2	5		7
Permian	19			19
Carboniferous	83	444	97	624
Devonian	9	71	2	82
Silurian	23	123	37	183
Ordovician	19	57	59	135
Cambrian	1	32	1	34
Pre - Cambrian	1			1
TOTAL	158	736	196	1090

TABLE 2

Acknowledgements

I am extremely grateful to previous curators of the Geological Museum of Trinity College, Dublin who undertook much of the initial research into our type and figured collections, especially Miss Veronica Burns and the late Professor L.B. Smyth.

I am also indebted to Professor C.H. Holland for guiding the four parts of this catalogue through their various stages of publication, and to Miss Gráinne Moloney for painstakingly preparing the entire catalogue in type-script.

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JOHN R. NUDDS,
Department of Geology,
Trinity College,
Dublin.

CATALOGUE OF TYPE, FIGURED, AND REFERRED FOSSILS IN THE
GEOLOGICAL MUSEUM OF TRINITY COLLEGE, DUBLIN:
SUPPLEMENT (ANIMALIA)

JOHN R. NUDDS

(Received May 14 1988)

Introduction

The four part catalogue of type, figured, and referred fossils in the Geological Museum of Trinity College, Dublin (Nudds 1982a, 1982b, 1983b, 1984) is brought up to date by this first supplement, which will be published in two parts (Animalia and Plantae). It includes all specimens referred to or figured in publications, or designated as types, within the period from 1981 to the middle of 1988, with the exception of the 285 ostracod specimens (208 type, 77 figured) described in four papers by Ainsworth (1985, 1986a, b, c) which are omitted for reasons of space. It also includes type, figured, and referred specimens published in papers prior to 1981, but which have only recently been recognised in the Museum.

Some specimens which were included in the original catalogue have since been refigured or re-referred to by subsequent authors. In this supplement only the new reference is given, but a cross reference to the original catalogue entry is included.

The following errata from parts 1-4 should also be noted:

1. All references to *Mucronaspis cellulana* Siveter *et al.* in part 3 (TCD. 17190-TCD. 17238, TCD. 19321-TCD. 19330) should read *Mucronaspis* (c.l.) *cellulana* Siveter *et al.*
2. *Monoschizoblastus rofei* Etheridge and Carpenter (TCD. 17369) in part 3 is *not* the specimen figured by Fay and Wanner 1967.
3. *Orophocrinus praelongus* Bailey (TCD. 7983) in part 3 was destroyed by Breimer and Macurda 1972 in the process of serial sectioning.
4. *Cyclostigma kiltorkense* Haughton (TCD. 6080) in part 4, which was listed as missing, has been relocated.

Protozoa: Foraminifera

Archaediscus spp.

TCD. 21802, TCD. 21803

Asbian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 82

REFERRED

Archaediscus sp.

TCD. 21804

Arundian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80

REFERRED

+ = cast of original specimen.

* = specimen missing from collection.

Archaediscus spp.

TCD. 21807-TCD. 21809

Arundian/Holkerian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80

REFERRED

Plurilocular foraminiferans

TCD. 21804

Arundian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80

REFERRED

Tetrataxis sp.

TCD. 21680-TCD. 21683

Late Courceyan Stage, Lower Carboniferous

Drumminshin Glebe, 2.5 km NW of Carrigallen, Co. Leitrim

(Nat. Grid Ref. H 210 042) (Sample DR 15)

Morris *et al.* 1981, p. 48

REFERRED

Tetrataxis sp.

TCD. 21807-TCD. 21809

Arundian/Holkerian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80

REFERRED

Porifera

Spongolite

TCD. 24147

Clare Shales, Arnsbergian Stage, Namurian Series,

Upper Carboniferous

Disused quarry, Glendiheen, 2 miles NW of Ardagh, Co.

Limerick

Lewarne 1963, text-figs 2-4

FIGURED

Coelenterata

Charnia masoni Ford

TCD. 14714 (cast of Leicester Univ. specimen 2382)

Woodhouse Beds, Maplewell Series, Pre-Cambrian

North Quarry, Charnwood Golf Course, Hangingstone

Rocks, 300 yds SSE of Pocketgate Farm, Charnwood

Forest, Leicestershire, England

Ford 1958, p. 212, pl. 13, figs 1, 3

+HOLOTYPE

Cravenia tela Hudson

TCD. T152a-g

Rush Conglomerate 'Series', Chadian Stage, Lower Carboniferous

Rush, Co. Dublin (loc. R11a)

Figured Somerville, Mitchell and Strank 1986, p. 66, fig. 4h

(T152a = fig. 4h)

(See also Part 1)

HOLOTYPE

Cravenia tela Hudson

TCD. F154a,b

Rush Conglomerate 'Series', Chadian Stage, Lower Carboniferous

Rush, Co. Dublin (loc. R11g)

Figured Somerville, Mitchell and Strank 1986, p. 66, fig. 4i

(F154a = fig. 4i)

(See also Part 1)

PARATYPE

Heterophyllia sp.

TCD. 21804

Arundian Stage, Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80

REFERRED

Koninckophyllum carlyanense Smyth

TCD. T18a-h

Carlyan Limestone, Arundian Stage, Lower Carboniferous

Rush, Co. Dublin

Figured Somerville, Mitchell and Strank 1986, p. 72, fig. 7f

(T18a = fig. 7f)

(See also Part 1)

HOLOTYPE

Palaeacis axinoides Smyth

TCD. T159

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

730m ENE of Lighthouse, Hook Head, Co. Wexford (Nat.

Grid Ref X734973) (loc. 14y)

Figured Nudds 1983a, p. 215, pl. 29, figs 1, 2, text-fig. 5i

(See also Part 1)

HOLOTYPE

Palaeacis axinoides Smyth

TCD. F161

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 16z)

Nudds 1983a, p. 215, text-fig. 5h

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F163

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nudds, 1983a, p. 215, text-fig. 5g

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F165

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nudds 1983a, p. 215, pl. 29, fig. 11

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F179a,b

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 19c)

Nuads 1983a, p. 215, pl. 29, fig. 10

(F179b = fig. 10; F179a unfigured)

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F180

Lyraun Cove Shale Member, Porter's Gate Formation,

Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 3h)

Nuads 1983a, p. 215, pl. 29, fig. 8

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F181a-g

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 19c)

Nuads 1983a, p. 215, pl. 29, fig. 6, text-fig. 4a

(F181d = fig. 6, text-fig. 4a; F181a-c, e-g unfigured)

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F182

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nuads 1983a, p. 215, pl. 29, fig. 12

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F186

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 16z)

Nuads 1983a, p. 215, pl. 29, fig. 3

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. F187a-d

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 19c)

Nuads 1983a, p. 215, pl. 29, figs 7, 9

(F187b = fig. 7; F187d = fig. 9; F187a,c unfigured)

(See also Part 1)

FIGURED

Palaeacis axinoides Smyth

TCD. 4660

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14v)

Nuads 1983a, p. 215, text-fig. 4b

FIGURED

Palaeacis axinoides Smyth

TCD. 4702

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14v)

Nuads 1983a, p. 215, text-fig. 5d

FIGURED

Palaeacis axinoides Smyth

TCD. 4738a-m

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nuads 1983a, p. 215, pl. 29, fig. 5

(4738a = fig. 5; 4738b-m unfigured)

FIGURED

Palaeacis axinoides Smyth

TCD. 4796

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nuads 1983a, p. 215, text-fig. 5a

FIGURED

Palaeacis axinoides Smyth

TCD. 4836

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 16z)

Nuads 1983a, p. 215, text-fig. 5c

FIGURED

Palaeacis axinoides Smyth

TCD. 4838

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 16z)

Nuads 1983a, p. 215, text-fig. 5f

FIGURED

Palaeacis axinoides Smyth

TCD. 4884

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nuads 1983a, p. 215, pl. 29, fig. 4

FIGURED

Palaeacis axinoides Smyth

TCD. 4887

Hook Head Formation, Courceyan Stage, Lower

Carboniferous

Hook Head, Co. Wexford (loc. 14y)

Nuads 1983a, p. 215, text-fig. 5j

FIGURED

Palaeacis axinoides Smyth

TCD. 4902a-e

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 16z)

Nudds 1983a, p. 215, text-figs 5b,c

(4902c = fig. 4b; 4902a = fig. 5c)

FIGURED

Palaeacis smythi Hudson

TCD. F177

Hook Head Formation, Courceyan Stage, Lower Carboniferous

230m SE of Slade Castle, Hook Head, Co. Wexford

(Nat. Grid Ref. X7477985) (loc. 12c)

Figured Nudds 1983a, p. 220, pl. 29, fig. 13

(See also Part 1 as *Palaeacis axinoides smythi*)

HOLOTYPE

Palaeacis smythi Hudson

TCD. F169

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 12c or 13b)

Nudds 1983a, p. 220, pl. 29, figs 17, 18

(See also Part 1 as *Palaeacis axinoides*)

FIGURED

Palaeacis smythi Hudson

TCD. F171

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 12c or 13b)

Nudds 1983a, p. 220, pl. 29, fig. 19

(See also Part 1 as *Palaeacis axinoides*)

FIGURED

Palaeacis smythi Hudson

TCD. F172

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 12c or 13b)

Nudds 1983a, p. 220, pl. 29, fig. 15

(See also Part 1 as *Palaeacis axinoides*)

FIGURED

Palaeacis smythi Hudson

TCD. 4698

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 12a)

Nudds 1983a, p. 220, pl. 29, fig. 21

FIGURED

Palaeacis smythi Hudson

TCD. 4866a-o

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 13b)

Nudds 1983a, p. 220, pl. 29, fig. 20

(4866j = fig. 20; 4866a-i, k-o unfigured)

FIGURED

Palaeacis smythi Hudson

TCD. 4869

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 13b)

Nudds 1983a, p. 220, pl. 29, fig. 16

FIGURED

Palaeacis smythi Hudson

TCD. 19955

Cover Shales, ?Chadian Stage, Lower Carboniferous

Feltrim Quarry, Co. Dublin

Nudds 1983a, p. 220, pl. 29, fig. 14

FIGURED

Palaeacis smythi Hudson

TCD. 19979

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 13b)

Nudds 1983a, p. 220, pl. 29, fig. 22

FIGURED

Palaeacis smythi Hudson

TCD. 19980

Hook Head Formation, Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (loc. 13b)

Nudds 1983a, p. 220, pl. 29, fig. 23

FIGURED

Palaeacis sp. nov.

TCD. 19511

Intra-Reef Shales, Courceyan Stage, Lower Carboniferous

Feltrim Quarry, Co. Dublin

Nudds 1983a, p. 222, pl. 29, figs 24, 25, text-fig. 7

FIGURED

Siphonodendron multiradiale Nudds and Somerville

TCD. 28907, TCD. 28907a-d

Hunts Bay Oolite, Holkerian or Asbian Stage, Lower Carboniferous

Blue Pool Corner, Burry Holm, Gower Peninsula, South Wales (Nat. Grid Ref. SS 409 931)

Nudds and Somerville 1988, p. 297, figs 5d-f

(28907c = figs 5d,e; 28907d = fig. 5f)

HOLOTYPE

Siphonodendron multiradiale Nudds and Somerville

TCD. 28906, TCD. 28906a,b

Hunts Bay Oolite, Holkerian or Asbian Stage, Lower Carboniferous

Blue Pool Corner, Burry Holm, Gower Peninsula, South Wales (Nat. Grid Ref. SS 409 931)

Nudds and Somerville 1988, p. 297, figs 5c,g

(28906b = figs 5c,g)

FIGURED

Siphonodendron multiradiata Nudds and Somerville
TCD. 28908-TCD. 28910
Hunts Bay Oolite, Holkerian or Asbian Stage,
Lower Carboniferous
Blue Pool Corner, Burry Holm, Gower Peninsula, South
Wales (Nat. Grid Ref. SS 409 931)
Nudds and Somerville 1988, p. 297
REFERRED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28876a-d
Loggerheads Limestone, Asbian Stage, Lower
Carboniferous
Llanarmon-yn-Ial, nr. Mold, Clwyd, North Wales (175m
SE of Philadelphia Chapel) (Nat. Grid Ref. SJ 195 561)
Nudds and Somerville 1988, p. 295, fig. 2f
(28876a = fig. 2f)
FIGURED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28903, TCD. 28903a
Cavestown Limestone, Asbian Stage, Lower Carboniferous
Keshcarrigan Quarry, E of Drumshambo, Co. Leitrim
(Nat. Grid Ref. H 034 075)
Nudds and Somerville 1988, p. 295, fig. 5b
(28903 = fig. 5b)
FIGURED

Siphonodendron scaleberense Nudds and Somerville
TCD. 25438, TCD. 25439
Oolitic Limestone, Asbian Stage, Lower Carboniferous
Clonlusk Quarry, N of Duleek, Co. Meath
(Nat. Grid Ref. O 041 050)
Nudds and Somerville 1988, p. 295
REFERRED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28871-TCD. 28875, TCD. 28877-TCD. 28896
Loggerheads Limestone, Asbian Stage,
Lower Carboniferous
Llanarmon-yn-Ial, nr. Mold, Clwyd, North Wales (175 m
SE of Philadelphia Chapel) (Nat. Grid Ref. SJ 195 561)
Nudds and Somerville 1988, p. 295
REFERRED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28897-TCD. 28900
Prestatyn Limestone, Asbian Stage, Lower Carboniferous
Pant-y-Coed roadside quarry, nr. Gwaenysgor, Prestatyn,
Clwyd, North Wales (Nat. Grid Ref. SJ 086 810)
Nudds and Somerville 1988, p. 295
REFERRED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28901, TCD. 28902, TCD. 28904, TCD. 28905,
TCD. 28911, TCD. 28912
Cavestown Limestone, Asbian Stage, Lower Carboniferous
Keshcarrigan Quarry, E of Drumshambo, Co. Leitrim
(Nat. Grid Ref. H 034 075)
Nudds and Somerville 1988, p. 295
REFERRED

Siphonodendron scaleberense Nudds and Somerville
TCD. 28913
Viséan, Lower Carboniferous
Tara Borehole, Walterstown, nr. Navan, Co. Meath
(Nat. Grid Ref. N 965 635) (depth 116.4m)
Nudds and Somerville 1988, p. 295
REFERRED

Mollusca: Bivalvia

Anthraconaia aff. *fabaeformis* Kinahan
TCD. 28914
Upper *lenisulcata* Biozone, above the Upper Glengoole
Coal, Upper Carboniferous
Old tip, 625 yds S 23° E of trigonometrical station at 988',
summit of Bregawn Hill, Slieveadagh Coalfield,
Co. Tipperary
Eagar 1962, pl. 47, fig. 4
[Cited by Eagar as T.C. 49.1.7/4]
FIGURED

Anthraconaia aff. *fabiformis* Kinahan
TCD. 28917
lenisulcata Biozone, above Ward's Seam, Upper
Carboniferous
Bilboa Colliery, Leinster Coalfield, Co. Carlow
Eagar 1964, pl. 1, figs 1, 2
[Cited by Eagar as T.C. C61/4/8A]
FIGURED

Bivalves indet.
TCD. 26014
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 12)
Naylor *et al.* 1985, p. 54
[Cited by Naylor *et al.* as 26009]
REFERRED

Caneyella cf. *membranacea* M'Coy
TCD. 26007
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 9)
Naylor *et al.* 1985, p. 54
REFERRED

Carbonicola aff. *extenuata* Eagar
TCD. 28916
150' above Ward's Seam, Upper Carboniferous
Stream, N of Swan, Leinster Coalfield, Co. Laois
Eagar 1962, text-fig. 4h
[Cited by Eagar as T.C. CS/11/2]
FIGURED

Carbonicola cf. *proxima* Eagar
TCD. 28916
150' above Ward's Seam, Upper Carboniferous

Stream, N of Swan, Leinster Coalfield, Co. Laois
Eagar 1962, text-figs 4j,m
[Cited by Eagar as T.C. CS/11/2]
FIGURED

Deceptrix subtruncata Portlock
TCD. 14763
Killey Bridge Formation, Ashgill Series, Ordovician
Desertcreat Inlier, Co. Tyrone (?loc. 3 of Mitchell 1977)
Referred Tunnicliff 1982, p. 60
(See also Part 2)
PARALECTOTYPE

Deceptrix subtruncata Portlock
TCD. 7854
Killey Bridge Formation, Ashgill Series, Ordovician
Desertcreat Inlier, Co. Tyrone (?loc. 3 of Mitchell 1977)
Referred Tunnicliff 1982, p. 60
(See also Part 2 as ?*Deceptrix* sp.)
SYNTYPE

Naiadites aff. *hibernicus* Eagar
TCD. 28915a,b (part and counterpart)
Immediately below the *Gastrioceras cumbriense* marine
band, Upper Carboniferous
Killeslin Glen, Castlecomer Coalfield, Co. Kilkenny
Eagar 1962, p. 335, pl. 47, fig. 17, text-fig. 14c
Eagar 1964, text-fig. 4m
[Cited by Eagar as T.C. CK36/1E]
FIGURED

Naiadites spp.
TCD. 28915a,c (part and counterpart)
Immediately below the *Gastrioceras cumbriense* marine
band, Upper Carboniferous
Killeslin Glen, Castlecomer Coalfield, Co. Kilkenny
Eagar 1962, text-figs 14e,j
[Cited by Eagar as T.C. CK36/1B,1D]
FIGURED

Nuculites cylindricus Portlock
TCD. 7876, TCD. 14761, TCD. 14762
Killey Bridge Formation, Ashgill Series, Ordovician
Desertcreat Inlier, Co. Tyrone (?loc. 3 of Mitchell 1977)
Referred Tunnicliff 1982, p. 63
(See also Part 2)
PARALECTOTYPES

Posidonia becheri Bronn
TCD. 26017
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
[Cited by Naylor *et al.* as 26005]
REFERRED

Posidonia corrugata Etheridge
TCD. 26011
White Strand Formation, Pendleian or Arnsbergian Stage,
Upper Carboniferous

Old Head of Kinsale, Co. Cork (hor. 14)
Naylor *et al.* 1985, p. 54
*REFERRED

Mollusca: Cephalopoda

?*Cravenoceras* sp.
TCD. 26011
White Strand Formation, Pendleian or Arnsbergian Stage,
Upper Carboniferous
Old Head of Kinsale, Co. Cork (hor. 14)
Naylor *et al.* 1985, p. 54
*REFERRED

Dimorphoceras kathleenae Moore
TCD. 26005
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 7)
Naylor *et al.* 1985, p. 64
REFERRED

Dimorphoceras kathleenae Moore
TCD. 26006
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 8)
Naylor *et al.* 1985, p. 64
REFERRED

Dimorphoceras sp.
TCD. 26009
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 11)
Naylor *et al.* 1985, p. 64
REFERRED

Eumorphoceras sp.
TCD. 26011
White Strand Formation, Pendleian or Arnsbergian Stage,
Upper Carboniferous
Old Head of Kinsale, Co. Cork (hor. 14)
Naylor *et al.* 1985, p. 54
*REFERRED

Goniattites granosus Portlock
TCD. 26001
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
REFERRED

Goniattites sphaericostratus Bisat
TCD. 26000
Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
*REFERRED

Goniatites sphaericostratus Bisat

TCD. 26002

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
REFERRED

Goniatites cf. sphaericostratus Bisat

TCD. 26015

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
[Cited by Naylor *et al.* as 26003]
REFERRED

Goniatites warslowensis Bisat

TCD. 26017

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Galley Head, Co. Cork
Naylor *et al.* 1985, p. 56
[Cited by Naylor *et al.* as 26005]
REFERRED

Goniatites sp.

TCD. 26005

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 7)
Naylor *et al.* 1985, p. 54
REFERRED

Goniatite indet.

TCD. 26007

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 9)
Naylor *et al.* 1985, p. 54
REFERRED

Goniatite indet.

TCD. 26010

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 13)
Naylor *et al.* 1985, p. 54
REFERRED

Goniatites indet.

TCD. 26004

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 5)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras hibernicus Moore and Hodson

TCD. 26003

Lispatrick Formation, Brigantian Stage,

Lower Carboniferous

Old Head of Kinsale, Co. Cork (hor. 4)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras hibernicus Moore and Hodson

TCD. 26005

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 7)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras hibernicus Moore and Hodson

TCD. 26012

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 19)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras sp.

TCD. 26006

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 8)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras sp.

TCD. 26013

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 20)
Naylor *et al.* 1985, p. 54
REFERRED

Hibernicoceras sp. juv.

TCD. 26009

Lispatrick Formation, Brigantian Stage,
Lower Carboniferous
Old Head of Kinsale, Co. Cork (hor. 11)
Naylor *et al.* 1985, p. 54
REFERRED

Imitoceras cf. prorsum Schmidt

TCD. 17817

Castle Slate Member, VI Miospore Biozone, Courcayan
Stage, Lower Carboniferous
Nohoval Cove, Co. Cork.
Matthews 1983, p. 294, figs 1:5-1:7
FIGURED

Imitoceras ? sp.

TCD. 17819

Castle Slate Member, VI Miospore Biozone, Courcayan
Stage, Lower Carboniferous
Nohoval Cove, Co. Cork.
Matthews 1983, p. 294, figs 1:1, 1:2
FIGURED

Indeterminate spirally striate goniatite

TCD. 26008

Lispatrick Formation, Brigantian Stage,

Lower Carboniferous

Old Head of Kinsale, Co. Cork (hor. 10)

Naylor *et al.* 1985, p. 54

REFERRED

Juvenile ammonoid indet.

TCD. 17816

Castle Slate Member, VI Miospore Biozone, Courceyan

Stage,

Lower Carboniferous

Nohoval Cove, Co. Cork.

Matthews 1983, p. 294, figs 1:3, 1:4

FIGURED

Pronorites sp.

TCD. 26016

Lispatrick Formation, Brigantian Stage,

Lower Carboniferous

Galley Head, Co. Cork

Naylor *et al.* 1985, p. 54

[Cited by Naylor *et al.* as 26004]

REFERRED

Sudeticeras aff. *turneri* Moore and Hodson

TCD. 26006

Lispatrick Formation, Brigantian Stage,

Lower Carboniferous

Old Head of Kinsale, Co. Cork (hor. 8)

Naylor *et al.* 1985, p. 54

REFERRED

Sudeticeras sp. juv.

TCD. 26009

Lispatrick Formation, Brigantian Stage,

Lower Carboniferous

Old Head of Kinsale, Co. Cork (hor. 11)

Naylor *et al.* 1985, p. 54

REFERRED

Arthropoda: Trilobita

Cyphoproetus strabismus Owens

TCD. 9619

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian

Stream near Court House, Kinswood, SW end of

Long Mountain, Powys, Wales (Nat. Grid Ref. SJ 2463 0265)

Referred Morris 1988, p. 68

(See also Part 3)

HOLOTYPE

Decoroproetus scrobiculatus Owens

TCD. 9610

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian

W of Glyn Farm, Long Mountain, Welsh Borderland

(Nat. Grid Ref. SJ 3035 1167)

Owens 1973, p. 52, pl. 9, fig. 15

FIGURED

Decoroproetus scrobiculatus Owens

TCD. 9612

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian

W of Glyn Farm, Long Mountain, Welsh Borderland

(Nat. Grid Ref. SJ 3035 1167)

Owens 1973, p. 52, pl. 9, fig. 11

FIGURED

Decoroproetus scrobiculatus Owens

TCD. 9611, TCD. 9613-TCD. 9616

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian

W of Glyn Farm, Long Mountain, Welsh Borderland

(Nat. Grid Ref. SJ 3035 1167)

Owens 1973, p. 52

REFERRED

Decoroproetus scrobiculatus Owens

TCD. 9617

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian

Weston Brook, N of Binweston, Long Mountain, Welsh

Borderland (Nat. Grid Ref. SJ 3005 0444)

REFERRED

Decoroproetus scrobiculatus Owens

TCD. 9618

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian Lane,

NW of Worthen, Long Mountain, Welsh Borderland

(Nat. Grid Ref. SJ 3242 0513)

Owens 1973, p. 52

REFERRED

Decoroproetus scrobiculatus Owens

TCD. 9630

lundgreni Biozone, Trewern Brook Mudstone Formation,

Homerian Stage, Wenlock Series, Silurian Track,

N of Worthen, Long Mountain, Welsh Borderland

(Nat. Grid Ref. SJ 3283 0527)

Owens 1973, p. 52

REFERRED

Encrinurus stokesii M'Coy

TCD. 12963, TCD. 12964

Finny School Beds, Telychian, Llandovery Series, Silurian

Boocaun, Cong, Co. Galway (Nat. Grid Ref. M068564)

M'Coy 1846, p. 46

SYNTYPES

Phillipsia ornata multipustulata Smyth

TCD. T207

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford (loc. 18c)

Referred Morris 1988, p. 175

(See also Part 3 as *Phillipsia truncatula* var. *multipustulata*)

HOLOTYPE

Proromma sp. 2 Thomas

TCD. 16943

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 14

FIGURED

Proromma sp. 2 Thomas

TCD. 16944

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 15

FIGURED

Proromma sp. 2 Thomas

TCD. 16945

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 12

FIGURED

Proromma sp. 2 Thomas

TCD. 16947

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 5

FIGURED

Proromma sp. 2 Thomas

TCD. 16948

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 6

FIGURED

Proromma sp. 2 Thomas

TCD. 16949

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 8

FIGURED

Proromma sp. 2 Thomas

TCD. 16952

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59, pl. 15, fig. 11

FIGURED

Proromma sp. 2 Thomas

TCD. 16946, TCD. 16950, TCD. 16951

centrifugus Biozone, Wenlock Series, Silurian Buttington

Brickworks Quarry, Buttington, nr. Welshpool, Powys,

North Wales (Nat. Grid Ref. SJ 3266 3100)

Thomas 1981, p. 59

REFERRED

Remopleurides platyceps M'Coy

TCD. 12855

Harnagian Stage, Caradoc Series, Ordovician

Greenville, Enniscorthy, Co. Wexford

M'Coy 1946, p. 44

SYNTYPE

Tretaspis cf. *ceryx* Lamont

TCD. 20047

Raheen Formation, Caradoc Series, Ordovician

Greenville, Enniscorthy, Co. Wexford

Owen, Tripp and Morris 1986, p. 99, fig. 41

FIGURED

Weania feltrimensis Hahn and Brauckmann

TCD. 9513

Cover Shales, Chadrian Stage, Lower Carboniferous

Feltrim Hill Quarry, Co. Dublin

Referred Morris 1988, p. 237

(See also Part 3 as *Archegonus (Weania) feltrimensis*)

HOLOTYPE

Echinodermata: Cystoidea

'*Cheirocrinus*' sp.

TCD. 27610

Brickworks Quarry Shales Member, Knockerk Formation,

Harnagian/Costonian Stage, Caradoc Series, Ordovician

Slane Brickworks Quarry, 1.5 km S of Grangegeeth,

Co. Meath (Nat. Grid Ref. N 952 760)

Paul 1984, p. 116, pl. 26, figs 8, 11

FIGURED

?*Hadrocystis* sp.

TCD. 27611

Brickworks Quarry Shales Member, Knockerk Formation,

Harnagian/Costonian Stage, Caradoc Series, Ordovician

Slane Brickworks Quarry, 1.5 km S of Grangegeeth,

Co. Meath (Nat. Grid Ref. N 952 760)

Paul 1984, p. 105, pl. 15, fig. 11

FIGURED

Pleurocystites cristatus Paul

TCD. 27612

Brickworks Quarry Shales Member, Knockerk Formation,

Harnagian/Costonian Stage, Caradoc Series, Ordovician

Slane Brickworks Quarry, 1.5 km S of Grangegeeth,

Co. Meath (Nat. Grid Ref. N 952 760)

Paul 1984, p. 127, pl. 21, fig. 7, text-fig. 80

HOLOTYPE

Echinodermata: Blastoidea

Hadroblastus (?) *hibernicus* Macurda

TCD. 17368

Courceyan-Chadian stages, Lower Carboniferous

Feltrim Hill Quarry, Co. Dublin

Macurda 1983, p. 121

(See also Part 3 as *Hadroblastus* sp.)

HOLOTYPE

Orophocrinus *pentangularis* ? Sowerby

TCD. 3592

?Courceyan Stage, Lower Carboniferous

Bundoran-Sligo area, Co. Sligo

Waters and Sevastopulo 1984, p. 142

(See also Part 3)

REFERRED

Phaenoschisma *acutum* G. B. Sowerby

TCD. 7968

Cover Shales, Chadian Stage, Lower Carboniferous

Feltrim Hill Quarry, Co. Dublin

Macurda 1983, p. 53

REFERRED

Echinodermata: Crinoidea

Amphipsalidocrinus sp.

TCD. 22397

Asbian Stage, Lower Carboniferous

Quarry, nr. Cashel, Co. Fermanagh

(Nat. Grid Ref. G 979 474)

Lane, Sevastopulo and Strimple 1985, fig. 1.1

FIGURED

Amphipsalidocrinus sp.

TCD. 22398

Asbian Stage, Lower Carboniferous

Quarry, nr. Cashel, Co. Fermanagh

(Nat. Grid Ref. G 979 474)

Lane, Sevastopulo and Strimple 1985, fig. 1.5

FIGURED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 291

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford (loc. 10a)

Broadhead 1981, p. 113, pl. 5, fig. 7

Broadhead 1985, fig. 5c

(See also Part 3 as *Dichocrinus* *sculptus*)

FIGURED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 17833

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford

Broadhead 1981, p. 113

REFERRED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 17834

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford

Broadhead 1981, p. 113, pl. 5, fig. 6

FIGURED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 17835

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford

Broadhead 1981, p. 113, pl. 5, fig. 8

FIGURED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 17836

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford

Broadhead 1981, p. 113, pl. 5, fig. 1

FIGURED

Dichocrinus *elegans* de Koninck and Le Hon

TCD. 17837

Hook Head Formation, Courceyan Stage,

Lower Carboniferous

Hook Head, Co. Wexford

Broadhead 1981, p. 113, pl. 5, fig. 2

FIGURED

Ectenocrinus? sp. B. Donovan

TCD. 12951

Early Cautleyan (?), Ordovician

Slieveroe, Rathdrum, Co. Wicklow

Donovan, 1986, p. 24, text-fig. 11C

FIGURED

Fascicrinus (col.) *keisleyensis* Donovan

TCD. 17380

Chair of Kildare Limestone, mid Rawtheyan to early

Hirnantian, Ashgill Series, Ordovician

Chair of Kildare, Co. Kildare (Nat. Grid Ref. N 722 173)

Donovan 1986, p. 55

REFERRED

Platycrinites *jameswrighti* Donovan and Westhead

TCD. 24509, TCD. 24510

Salthill Cap Beds, Chadian Stage, Lower Carboniferous

Salthill Quarry, Clitheroe, Lancashire, England (loc. 3 of

Grayson 1981) (Nat. Grid. Ref. SD 755 425)

Donovan and Westhead 1987, p. 213

PARATYPES

Poteriocrinid crinoid

TCD. 24183

Salthill Cap Beds, Chadian Stage, Lower Carboniferous

Salthill Quarry, Clitheroe, Lancashire, England

(Nat. Grid Ref. SD 755 425)

Donovan and Sevastopulo 1985, p. 179, figs 3:8, 3:9
FIGURED

Poteriocrinid crinoid
TCD. 24184
Salthill Cap Beds, Chadian Stage, Lower Carboniferous
Salthill Quarry, Clitheroe, Lancashire, England
(Nat. Grid Ref. SD 755 425)
Donovan and Sevastopulo 1985, p. 179, fig. 3:1
FIGURED

Poteriocrinid crinoid
TCD. 24186
Salthill Cap Beds, Chadian Stage, Lower Carboniferous
Salthill Quarry, Clitheroe, Lancashire, England
(Nat. Grid Ref. SD 755 425)
Donovan and Sevastopulo 1985, p. 179, figs 3:5-3:7
FIGURED

Poteriocrinid crinoid
TCD. 24187
Salthill Cap Beds, Chadian Stage, Lower Carboniferous
Salthill Quarry, Clitheroe, Lancashire, England
(Nat. Grid Ref. SD 755 425)
Donovan and Sevastopulo 1985, p. 179, figs 3:2-3:4
FIGURED

Poteriocrinid crinoid
TCD. 24185, 24188
Salthill Cap Beds, Chadian Stage, Lower Carboniferous
Salthill Quarry, Clitheroe, Lancashire, England
(Nat. Grid Ref. SD 755 425)
Donovan and Sevastopulo 1985, p. 179
REFERRED

Echinodermata: Asterozoa

Adambulacral ossicle
TCD. 25682
Meenymore Formation, Asbian Stage,
Lower Carboniferous
Side of track to abandoned barytes mine,
Gleniff, Slievemore, Co. Sligo
Gale 1987, fig. 9C
FIGURED

Adambulacral ossicle
TCD. 25683
Meenymore Formation, Asbian Stage,
Lower Carboniferous
Side of track to abandoned barytes mine,
Gleniff, Slievemore, Co. Sligo
Gale 1987, fig. 9D
FIGURED

Ambulacral ossicle
TCD. 25680
Meenymore Formation, Asbian Stage,
Lower Carboniferous
Side of track to abandoned barytes mine,
Gleniff, Slievemore, Co. Sligo

Gale 1987, fig. 9Ai, ii
FIGURED

Ambulacral ossicle
TCD. 25681
Meenymore Formation, Asbian Stage,
Lower Carboniferous
Side of track to abandoned barytes mine,
Gleniff, Slievemore, Co. Sligo
Gale 1987, fig. 9Bi, ii
FIGURED

Graptoloidea

Monograptus antennularius Meneghini
TCD. 14077
Wenlock Series, Silurian
Long Mountain, Shropshire, England
Bulman and Rickards 1970, p. V156, fig. 109:2
FIGURED

Monograptus testis Barrande
TCD. 14078
Cyrtograptus ludgreni Biozone, Wenlock Series, Silurian
Long Mountain, Shropshire, England
Bulman and Rickards 1970, p. V154, fig. 108
FIGURED

Orthograptus cf. *truncatus* gp. Lapworth
TCD. 17923
Lower part of Ballindysert Formation,
late Ordovician-early Silurian
Kilclooney Bridge, Comeragh Mountains, Co. Waterford
(Nat. Grid Ref. S 349 116)
Cocks *et al.* 1971, p. 123
Penny 1980, p. 319
REFERRED

Conodontophorida

Bispathodus aculeatus aculeatus Branson and Mehl
TCD. 21031
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins 1981, fig. 5:2
FIGURED

Bispathodus aculeatus aculeatus Branson and Mehl
TCD. 21032
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins 1981, fig. 5:3
FIGURED

Bispathodus aculeatus aculeatus Branson and Mehl
TCD. 25599
spicatus Biozone, Castle Slate Member, Kinsale
Formation, Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford

Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 1, 3, 4
FIGURED

Bispathodus aculeatus aculeatus Branson and Mehl
TCD. 20048
1.75m above base of Castle Slate, VI Miospore Biozone,
Courceyan Stage, Lower Carboniferous
Ardmore, Co. Wexford
Clayton, Keegan and Sevastopulo 1982, p. 518
[Cited by Clayton *et al.* as 21658]
REFERRED

Bispathodus aculeatus anteposicornis Scott
TCD. 21030
Bullockpark Bay Member, Hook Head Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 153)
Johnston and Higgins 1981, p. 90, fig. 5:1
FIGURED

Bispathodus aculeatus plumulus Rhodes, Austin and Druce
TCD. 21033
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins 1981, p. 90, fig. 5:4
FIGURED

Bispathodus aculeatus plumulus Rhodes, Austin and Druce
TCD. 21034
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins 1981, p. 90, fig. 5:5
FIGURED

Bispathodus aculeatus plumulus Rhodes, Austin and Druce
TCD. 21035
spicatus Biozone, Houseland Sandstone Member,
Porter's Gate Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins, 1981, p. 90, fig. 5:6
Varker and Sevastopulo 1985, p. 194, pl. 5:2, figs 23, 25
FIGURED

Bispathodus spinulicostatus Branson
TCD. 21036
Bullockpark Bay Member, Hook Head Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 155)
Johnston and Higgins 1981, p. 91, fig. 5:7
FIGURED

Bispathodus spinulicostatus Branson
TCD. 25601
Between *inornatus* and *multistriatus* biozones,
Courceyan Stage, Lower Carboniferous
Borehole BV14 (100-105'), Ballyvergin, Co. Clare
Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 5, 6
FIGURED

Clydagnathus unicornis Rhodes, Austin and Druce
TCD. 21037
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 53)
Johnston and Higgins 1981, p. 91, fig. 5:8
FIGURED

Clydagnathus unicornis Rhodes, Austin and Druce
TCD. 25607
Courceyan Stage, Lower Carboniferous
Beaverton Farm, Donabate, Co. Dublin
Varker and Sevastopulo 1985, p. 194, pl. 5.2, figs 21, 24
FIGURED

Clydagnathus unicornis Rhodes, Austin and Druce
TCD. 25608
Courceyan Stage, Lower Carboniferous
Beaverton Farm, Donabate, Co. Dublin
Varker and Sevastopulo 1985, p. 194, pl. 5.2, fig. 22
FIGURED

Doliognathus latus Branson and Mehl
TCD. 25616
Reworked into ? Arundian limestone, Lower
Carboniferous
Kersdown Quarry, Bampton, Devonshire, England
Varker and Sevastopulo 1985, p. 196, pl. 5.3, figs 21, 22
FIGURED

Dolymae bouckaerti Groessens
TCD. 25612
bouckaerti Sub-biozone, *carina* Biozone, Courceyan Stage,
Lower Carboniferous
Ballygarvan Quarry, nr. Carrigaline, Co. Cork
Varker and Sevastopulo 1985, p. 196, pl. 5.3, figs 8, 13, 14
FIGURED

Dolymae hassi Voges
TCD. 25610
hassi Sub-biozone, *carina* Biozone, Ringabella Limestone,
Courceyan Stage, Lower Carboniferous
Ringabella, Co. Cork
Varker and Sevastopulo 1985, p. 194, pl. 5.3, figs 3, 4
FIGURED

Elictognathus laceratus Branson and Mehl
TCD. 25594
Siphonodella Biozone, Courceyan Stage,
Lower Carboniferous
W side of River Bray, Stag's Head, South Moulton,
Devonshire, England
Varker and Sevastopulo 1985, p. 190, pl. 5.1, fig. 13
FIGURED

Eoplacognathus robustus Bergström
TCD. 25637
Bellewstown Limestone, *Pygodus serra* Biozone,
Ordovician

W of Bellewstown, Co. Meath (loc. 12W)
(Nat. Grid Ref. 0 077 669)
Bergström and Orchard 1985, pl. 2.2, fig. 12
FIGURED

Eoplacognathus robustus Bergström
TCD. 25638
Bellewstown Limestone, *Pygodus serra* Biozone,
Ordovician
W of Bellewstown, Co. Meath (loc. E6)
(Nat. Grid Ref. 0 083 671)
Bergström and Orchard 1985, pl. 2.2, fig. 8
FIGURED

Eotaphrus bultyncki Groessens
TCD. 25611
bultyncki Sub-biozone, *carina* Biozone,
Courseyan Stage, Lower Carboniferous
RioFinEx borehole BS21 (58.3m), W of Carrigaline,
Co. Cork
Varker and Sevastopulo 1985, p. 194, pl. 5.3, figs 6, 10, 11
FIGURED

Genincolatus glottoides Voges
TCD. 25618
commutata Biozone, Member 4, Reenydonagen
Formation, Arundian to Asbian stages, Lower
Carboniferous
Reenydonagen, Bantry Bay, Co. Cork
Varker and Sevastopulo 1985, p. 202, pl. 5.6, figs 5, 6
FIGURED

Gnathodus cuneiformis Mehl and Thomas
TCD. 25597
hassi Sub-biozone, *carina* Biozone, Ringabella Limestone,
Courseyan Stage, Lower Carboniferous
Ringabella, Co. Cork
Varker and Sevastopulo 1985, p. 192, pl. 5.1, figs 21, 25
FIGURED

Gnathodus cf. cuneiformis Mehl and Thomas
TCD. 21815, TCD. 21816
Spathognathodus bultyncki Sub-biozone, *Polygnathus*
communis carina Biozone, late Tournaisian,
Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 79, 80
REFERRED

Gnathodus delicatus Branson and Mehl
TCD. 25596
carina Biozone, Waulsortian Limestone, Courseyan Stage,
Lower Carboniferous
Corkbeg Island, Whitegate, Co. Cork
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 20, 24
FIGURED

Gnathodus cf. delicatus Branson and Mehl
TCD. 21046
Hook Head Formation, Courseyan Stage,
Lower Carboniferous

Hook Head, Co. Wexford (sample 145)
Johnston and Higgins 1981, p. 92, fig. 5:17
FIGURED

Gnathodus cf. delicatus Branson and Mehl
TCD. 21047
Hook Head Formation, Courseyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 82)
Johnston and Higgins 1981, p. 92, fig. 5:18
FIGURED

Gnathodus girtyi Hass
TCD. 21821
Asbian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 82
REFERRED

Gnathodus homopunctatus Ziegler
TCD. 21819
Chadian/Arundian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus homopunctatus Ziegler
TCD. 21820
Asbian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 82
REFERRED

Gnathodus pseudosemiglaber Thompson and Fellows
TCD. 25613
Chadian Stage, Lower Carboniferous
Borehole 431 (152'), Tynagh Mine, Tynagh, Co. Galway
Varker and Sevastopulo 1985, p. 196, pl. 5.3, figs 15, 18
FIGURED

Gnathodus pseudosemiglaber Thompson and Fellows
TCD. 17383
Lispatrick Formation, Courseyan/Chadian Stage,
Lower Carboniferous
Well Core, Old Head of Kinsale, Co. Cork
Naylor *et al.* 1985, p. 54
REFERRED

Gnathodus pseudosemiglaber Thompson and Fellows
TCD. 21817
Chadian/Arundian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus pseudosemiglaber Thompson and Fellows
TCD. 21818
Late Courseyan/early Arundian Stage, Lower
Carboniferous
Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus pseudosemiglaber Thompson and Fellows
TCD. 21819

Chadian/Arundian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus punctatus Cooper
TCD. 25598

carina Biozone, Courceyan Stage, Lower Carboniferous
Ballygarvan Quarry, nr. Carrigaline, Co. Cork
Varker and Sevastopulo 1985, p. 192, pl. 5.1, figs 22, 23
FIGURED

Gnathodus simplicatus Rhodes, Austin and Druce
TCD. 21045

Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 145)
Johnston and Higgins 1981, fig. 5:16
FIGURED

Gnathodus texanus Roundy
TCD. 21817

Chadian/Arundian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus texanus Roundy
TCD. 21818

Late Courceyan/early Arundian Stage,
Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Gnathodus texanus Roundy
TCD. 21819

Chadian/Arundian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Hindeodella segaformis Bischoff
TCD. 25617

anchoralis Biozone, Waulsortian Limestone,
Courceyan Stage, Lower Carboniferous
White Quarry, Ardbraccan, Co. Meath
Varker and Sevastopulo 1985, p. 196, pl. 53, fig. 23
FIGURED

Hindeodus? cf. *cristulus* Younquist and Miller
TCD. 25606

multistriatus Biozone, Ballysteen Limestone Formation,
Courceyan Stage, Lower Carboniferous
Borehole BV14 (75-80'), Ballyvergin, Co. Clare

Varker and Sevastopulo 1985, p. 194, pl. 5.2, fig. 20
FIGURED

Mestognathus praebeckmanni Sandberg, Johnston, Orchard
and Von Bitter
TCD. 23161

Scaliognathus anchoralis — *Doliognathus latus* Biozone,
Courceyan Stage, Lower Carboniferous (sample 30)
Locality 5, Kingscourt Outlier, Rockfield House,
nr. Nobber, Co. Meath
Von Bitter, Sandberg and Orchard 1986, p. 34, pl. 9,
figs 1-3
*FIGURED

Mestognathus praebeckmanni Sandberg, Johnston, Orchard
and Von Bitter
TCD. 23162

Scaliognathus anchoralis — *Doliognathus latus* Biozone,
Courceyan Stage, Lower Carboniferous (sample 28)
Locality 5, Kingscourt Outlier, Rockfield House,
nr. Nobber, Co. Meath.
Von Bitter, Sandberg and Orchard, 1986, p. 34, pl. 9,
figs 4-6
*FIGURED

Mestognathus praebeckmanni Sandberg, Johnston, Orchard
and Von Bitter
TCD. 23163

Scaliognathus anchoralis — *Doliognathus latus* Biozone,
Courceyan Stage, Lower Carboniferous (sample 28)
Locality 5, Kingscourt Outlier, Rockfield House,
nr. Nobber, Co. Meath
Von Bitter, Sandberg and Orchard 1986, p. 34, pl. 9,
figs 7-9
*FIGURED

Mestognathus praebeckmanni Sandberg, Johnston, Orchard
and Von Bitter
TCD. 23164

Scaliognathus anchoralis — *Doliognathus latus* Biozone,
Courceyan Stage, Lower Carboniferous (sample 30)
Locality 5, Kingscourt Outlier, Rockfield House,
nr. Nobber, Co. Meath
Von Bitter, Sandberg and Orchard 1986, p. 34, pl. 9,
figs 10-11
*FIGURED

Mestognathus praebeckmanni Sandberg, Johnston, Orchard
and Von Bitter
TCD. 23185

Scaliognathus anchoralis — *Doliognathus latus* Biozone,
Courceyan Stage, Lower Carboniferous (sample 28)
Locality 5, Kingscourt Inlier, Rockfield House,
nr. Nobber, Co. Meath
Von Bitter, Sandberg and Orchard 1986, p. 34, pl. 10,
figs 5-7
*FIGURED

Paragnathodus commutatus Branson and Mehl
TCD. 21820

Asbian Stage, Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 82
REFERRED

Patrognathus variabilis Rhodes, Austin and Druce
TCD. 25589

spicatus Biozone, Courceyan Stage, Lower Carboniferous
Borehole M76-46 (370'), Buttevant, Co. Cork
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 1, 4, 7
FIGURED

Patrognathus variabilis Rhodes, Austin and Druce
TCD. 20048
1.75m above base of Castle Slate, VI Miospore Biozone,
Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford
Clayton, Keegan and Sevastopulo 1982, p. 518
[Cited by Clayton *et al.* as 21658]
REFERRED

Polygnathus bischoffi Rhodes, Austin and Druce
TCD. 25605
Chadian Stage, Lower Carboniferous
Borehole 431 (152'), Tynagh Mine, Tynagh, Co. Galway
Varker and Sevastopulo 1985, p. 194, pl. 5.2, figs 16, 17
FIGURED

Polygnathus cf. bischoffi Rhodes, Austin and Druce
TCD. 17383
Lispatrik Formation, Courceyan/Chadian Stage,
Lower Carboniferous
Well core, Old Head of Kinsale, Co. Cork
Naylor *et al.* 1985, p. 54
REFERRED

Polygnathus cf. communis Branson and Mehl
TCD. 20048
1.75m above base of Castle Slate, VI Miospore Biozone,
Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford
Clayton, Keegan and Sevastopulo 1982, p. 518
[Cited by Clayton *et al.* as 21658]
REFERRED

Polygnathus communis carina Hass
TCD. 21039
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 82)
Johnston and Higgins 1981, fig. 5:10
FIGURED

Polygnathus communis carina Hass
TCD. 25609
carina Biozone, Waulsortian Limestone,
Courceyan Stage, Lower Carboniferous
Corkbeg Island, Whitegate, Co. Cork
Varker and Sevastopulo 1985, p. 194, pl. 5.3, figs 1, 2
FIGURED

Polygnathus communis communis Branson and Mehl
TCD. 25593
Between *inornatus* and *multistriatus* biozones,
Courceyan Stage, Lower Carboniferous
Borehole BV14 (100-105'), Ballyvergin, Co. Clare
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 12, 16, 17
FIGURED

Polygnathus inornatus Branson
TCD. 25592
inornatus Biozone, Ringmoylan Shale Formation,
Courceyan Stage, Lower Carboniferous
Ballyquin, Ardmore, Co. Waterford
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 11, 14, 15
FIGURED

Polygnathus inornatus inornatus Branson
TCD. 21038
Lyraun Cove Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample S7)
Johnston and Higgins 1981, fig. 5:9
FIGURED

Polygnathus mehli Thompson
TCD. 21696-TCD. 21702
Late Courceyan Stage, Lower Carboniferous
Drumminshin Glebe, 2.5 km NW of Carrigallen,
Co. Leitrim (Nat. Grid Ref. H 210 042)
(sample DR 14-DR 22)
Morris *et al.* 1981, p. 48
REFERRED

Polygnathus mehli latus Johnston and Higgins
TCD. 21040
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 145)
Johnston and Higgins 1981, p. 92, fig. 5:11
HOLOTYPE

Polygnathus mehli latus Johnston and Higgins
TCD. 21041
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 144)
Johnston and Higgins 1981, p. 92, fig. 5:12
PARATYPE

Polygnathus mehli latus Johnston and Higgins
TCD. 21042
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 92)
Johnston and Higgins 1981, p. 92, fig. 5:13
PARATYPE

Polygnathus mehli latus Johnston and Higgins
TCD. 21043
Hook Head Formation, Courceyan Stage,
Lower Carboniferous

Hook Head, Co. Wexford (sample 145)
Johnston and Higgins 1981, p. 92, fig. 5:14
PARATYPE

Polygnathus mehli latus Johnston and Higgins
TCD. 21044
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 89)
Johnston and Higgins 1981, p. 92, fig. 5:15
*PARATYPE

Polygnathus mehli latus Johnston and Higgins
TCD. 25602
mehli Biozone, Hook Head Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford
Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 9, 10
FIGURED

Polygnathus mehli mehli Thompson
TCD. 25603
mehli Biozone, Courceyan Stage, Lower Carboniferous
Drumminshin Glebe, Co. Leitrim
Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 11, 12,
15, 18
FIGURED

Polygnathus spicatus Branson
TCD. 21048
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample S44)
Johnston and Higgins 1981, p. 94, fig. 5:19
FIGURED

Polygnathus spicatus Branson
TCD. 21049
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample S44)
Johnston and Higgins 1981, p. 94, fig. 5:20
FIGURED

Polygnathus spicatus Branson
TCD. 21050
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 100)
Johnston and Higgins 1981, p. 94, figs 5:21, 5:22
FIGURED

Polygnathus spicatus Branson
TCD. 21051
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample S44)
Johnston and Higgins 1981, p. 94, figs 5:23
FIGURED

Polygnathus spicatus Branson
TCD. 21052
Houseland Sandstone Member, Porter's Gate Formation,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford (sample 9)
Johnston and Higgins 1981, p. 94, fig. 5:24
FIGURED

Polygnathus spicatus Branson
TCD. 25590
spicatus Biozone, Houseland Sandstone Member,
Courceyan Stage, Lower Carboniferous
Hook Head, Co. Wexford
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 2, 5, 6, 8
FIGURED

?*Polygnathus* sp. or ?*Pseudopolygnathus* sp.
TCD. 21818
Late Courceyan/early Arundian Stage,
Lower Carboniferous
Relane Point, Bantry Bay, Co. Cork
Sevastopulo and Naylor 1981, p. 80
REFERRED

Prioniodina oweni Rhodes, Austin and Druce
TCD. 20347
multistriatus Biozone, Ballysteen Limestone,
Courceyan Stage, Lower Carboniferous
Dunkitt Townland, Co. Kilkenny
Varker and Sevastopulo 1985, p. 194, pl. 5.3, figs 5, 9
FIGURED

Prioniodina oweni Rhodes, Austin and Druce
TCD. 21053
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 66)
Johnston and Higgins 1981, p. 94, figs 5:25-5:27
FIGURED

Pseudopolygnathus dentilineatus Branson
TCD. 25591
spicatus Biozone, Courceyan Stage, Lower Carboniferous
Whiting Bay, Ardmore, Co. Waterford
Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 3, 9, 10
FIGURED

Pseudopolygnathus minutus Metcalfe
TCD. 25604
Waulsortian Limestone, Chadian Stage,
Lower Carboniferous
Claremount Strand, Howth, Co. Dublin
Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 13, 14, 19
FIGURED

Pseudopolygnathus multistriatus Mehl and Thomas
TCD. 21054
Hook Head Formation, Courceyan Stage,
Lower Carboniferous
Hook Head, Co. Wexford (sample 49)

Johnston and Higgins 1981, fig. 5:28

*FIGURED

Pseudopolygnathus multistriatus Mehl and Thomas
TCD. 21055

Hook Head Formation, Courceyan Stage,
Lower Carboniferous

Hook Head, Co. Wexford (sample 129)

Johnston and Higgins 1981, fig. 5:29

FIGURED

Pseudopolygnathus multistriatus Mehl and Thomas
TCD. 25600

multistriatus Biozone, Ballysteen Limestone Formation,
Courceyan Stage, Lower Carboniferous

Borehole BV14 (40-45'), Ballyvergin, Co. Clare

Varker and Sevastopulo 1985, p. 192, pl. 5.2, figs 2, 7, 8
FIGURED

Pseudopolygnathus pinnatus Voges

TCD. 25614

anchoralis Biozone, Courceyan Stage,

Lower Carboniferous

Ballygarvan Quarry, nr. Carrigaline, Co. Cork

Varker and Sevastopulo 1985, p. 196, pl. 5.3, figs 16, 17
FIGURED

Pseudopolygnathus triangulus pinnatus Voges

TCD. 21815, TCD. 21816

Spathognathodus bultyncki Sub-biozone, *Polygnathus*
communis carina Biozone, late Tournaisian,

Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 79, 80

REFERRED

Scaliognathus anchoralis europensis Lane and Ziegler

TCD. 25615

anchoralis Biozone, Courceyan Stage,

Lower Carboniferous

Ballygarvan Quarry, nr. Carrigaline, Co. Cork

Varker and Sevastopulo 1985, p. 196, pl. 5.3, figs 19, 20
FIGURED

Siphonodella cooperi Haas

TCD. 21056

Lyraun Cove Member, Porter's Gate Formation,

Courceyan Stage, Lower Carboniferous

Hook Head, Co. Wexford (sample S7b)

Johnston and Higgins 1981, p. 95, figs 5:30, 5:31

*FIGURED

Siphonodella isosticha Cooper

TCD. 25595

inornatus Biozone, Ringmoylean Shale Formation,

Courceyan Stage, Lower Carboniferous

Ballyquin, Ardmore, Co. Waterford

Varker and Sevastopulo 1985, p. 190, pl. 5.1, figs 18, 19
FIGURED

Siphonodella sp.

TCD. 17382

Member 1, Courtmacsherry Formation, *Siphonodella*

Biozone, Courceyan Stage, Lower Carboniferous

Coosboy, Old Head of Kinsale, Co. Cork

Naylor *et al.* 1985, p. 51

REFERRED

Spathognathodus bultyncki Groessens

TCD. 21815, TCD. 21816

Spathognathodus bultyncki Sub-biozone, *Polygnathus*

communis carina Biozone, late Tournaisian,

Lower Carboniferous

Relane Point, Bantry Bay, Co. Cork

Sevastopulo and Naylor 1981, p. 79, 80

REFERRED

Spathognathodus stabilis Branson and Mehl

TCD. 20048

1.75m above base of Castle Slate, VI Miospore Biozone,

Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford

Clayton, Keegan and Sevastopulo 1982, p. 518

[Cited by Clayton *et al.* as 21658]

REFERRED

Scolecodonts

Scolecodont

TCD. 28684

CM Miospore Biozone, Ballycultra Formation,

Courceyan Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.14

FIGURED

Chitinozoa

?*Sphaerochitina* sp.

TCD. 22973

Monograptus ludensis Biozone, Cloncannon Formation,
upper Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7km SE of Moneygall,

Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 48

*FIGURED

Problematica

Amygdaloidal bodies

TCD. 9524

Klubben Quartzite Group or Falkenes Limestone Group,

?Cambrian

Sørøy, Norway (Nat. Grid Ref. 545 316)

Debrenne 1984, p. 153, fig. 1a

(See also Part 1 as Ajacicyathid indet. [Archaeocyatha])

FIGURED

Amygdaloidal bodies

TCD. 13720a-j

Klubben Quartzite Group or Falkenes Limestone Group,

?Cambrian

Sørøy, Norway (Nat. Grid Ref. 545 316)
 Debrenne 1984, p. 153, figs 1b,c
 (13720a = figs 1b,c; 13720b-j unfigured)
 FIGURED

Narrow tubes
 TCD. 22962
Monograptus ludensis Biozone, Cloncannon Formation,
 upper Wenlock Series, Silurian
 Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
 Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
 Edwards, Feehan and Smith 1983, p. 30, fig. 36
 FIGURED

Narrow tubes
 TCD. 22963a,b
Monograptus ludensis Biozone, Cloncannon Formation,
 upper Wenlock Series, Silurian
 Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
 Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
 Edwards, Feehan and Smith 1983, p. 30, figs 37, 38
 (22963a = fig. 37; 22963b = fig. 38)
 FIGURED

Narrow tubes
 TCD. 22964
Monograptus ludensis Biozone, Cloncannon Formation,
 upper Wenlock Series, Silurian
 Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
 Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
 Edwards, Feehan and Smith 1983, p. 30, fig. 39
 FIGURED

Ornamented tubes
 TCD. 22960
Monograptus ludensis Biozone, Cloncannon Formation,
 upper Wenlock Series, Silurian
 Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
 Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
 Edwards, Feehan and Smith 1983, p. 30, fig. 32
 *FIGURED

Ornamented tubes
 TCD. 22961
Monograptus ludensis Biozone, Cloncannon Formation,
 upper Wenlock Series, Silurian
 Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
 Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
 Edwards, Feehan and Smith 1983, p. 30, fig. 33
 *FIGURED

Symbiosis

Straight nautiloid/thin-shelled brachiopods
 TCD. 14992 (old no. GSI h2269)
 Upper Wenlock Series, Silurian
 Holyford, Co. Tipperary
 Cope 1959, p. 225, pl. 19, fig. 1
 FIGURED

Vertebrata

Cervus megaceros
 See *Megaloceros giganteus*

Megaloceros giganteus Blumenbach
 TCD. 17378
 Pleistocene
 Lough Gur, Co. Limerick
 Hart 1825, pp. 16, 23 (as *Cervus megaceros*)
 Barnosky 1985, p. 344
 REFERRED

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J. R. NUDDS,
The Manchester Museum,
The University,
Manchester M13 9PL,
England.

CATALOGUE OF TYPE, FIGURED, AND REFERRED FOSSILS IN THE
GEOLOGICAL MUSEUM OF TRINITY COLLEGE, DUBLIN:
SUPPLEMENT (PLANTAE)

JOHN R. NUDDS

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Introduction

This second part of the first supplement to the catalogue of type, figured, and referred fossils in the Geological Museum of Trinity College, Dublin brings up to date the list of fossil plants. It includes all specimens referred to or figured in publications, or designated as types, within the period from 1981 to the middle of 1988. It also includes type, figured, and referred specimens published in papers prior to 1981, but which have only recently been recognised in the Museum.

Some further notes are given in the Introduction to the first part of the supplement (Nudds 1988).

Plantae

Cooksonia spp.

TCD. 22944

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards and Feehan 1980, fig. 1

Edwards, Feehan and Smith 1983, p. 28, fig. 26

FIGURED

Cooksonia spp.

TCD. 22945a-e

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards and Feehan 1980, fig. 2

Edwards, Feehan and Smith 1983, p. 27, 28, figs 2, 10, 14,
24, 31 (22945a = fig. 2 (1980), fig. 10; 22945b = fig. 14;

22945c = fig. 2; 22945d = fig. 24; 22945e = fig. 31)

[Fig. 10 cited by Edwards *et al.* as 22946a]

FIGURED

Cooksonia spp.

TCD. 22946a-g

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards and Feehan 1980, fig. 4

Edwards, Feehan and Smith 1983, p. 28, figs 1, 4, 6-8, 11, 13
(22946a = fig. 11; 22946b = fig. 4 (1980), fig. 1; 22946c =

fig. 4; 22946d = fig. 7; 22946e = fig. 8; 22946f = fig. 13;
22946g = fig. 6)

[Fig. 8 cited by Edwards *et al.* as 22946f; fig. 11 cited by
Edwards *et al.* as 22945a]

FIGURED

Cooksonia spp.

TCD. 22947a, b

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards and Feehan 1980, fig. 3

Edwards, Feehan and Smith 1983, p. 27, figs 12, 21
(22947a = figs 3, 12; 22947b = fig. 21)

FIGURED

Cooksonia spp.

TCD. 22948a, b

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, figs 27-29
(22948a = figs 27, 28; 22948b = figs 27, 29)

FIGURED

Cooksonia spp.

TCD. 22949a, b

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, 28, figs 3, 15, 16
(22949a = fig. 3; 22949b = figs 15, 16)

FIGURED

Cooksonia spp.

TCD. 22950a, b

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, figs 9, 23
(22950a = fig. 23; 22950b = fig. 9)

[Fig. 9 cited by Edwards *et al.* as 22950]

FIGURED

Cooksonia spp.

TCD. 22951

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 5

FIGURED

Cooksonia spp.

TCD. 22952a-d

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, 28, figs 18-20, 30
(22952a = fig. 18; 22952b = fig. 19; 22952c = fig. 20;
22952d = fig. 30)

[Fig. 30 cited by Edwards *et al.* as 22952b]

FIGURED

Cooksonia spp.

TCD. 22953

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, fig. 17

FIGURED

Cooksonia spp.

TCD. 22954

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 27, fig. 22

[Fig. 22 cited by Edwards *et al.* as 22954b]

FIGURED

Cooksonia spp.

TCD. 22955

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, fig. 25

FIGURED

Cooksonia spp.

TCD. 22956, TCD. 22957 (part and counterpart)

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, figs 34, 35 (22956 = fig. 35;
22957 = fig. 34)

FIGURED

Knorria imbricata Goppert

TCD. F126

Base of Lower Carboniferous

Hayntren, Saxony, Germany

Haughton 1859, p. 134, pl. 3

(See also Part 4)

FIGURED

Plantae: Miospores

Ambitisporites sp.

TCD. 22972

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 47

*FIGURED

Ambitisporites type spore

TCD. 22968

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 43

*FIGURED

Ambitisporites type spore

TCD. 22969

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
Edwards, Feehan and Smith 1983, p. 30, fig. 44
*FIGURED

?*Ambitisporites* type spore

TCD. 22971

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 46

*FIGURED

Anaplanisporites baccatus Hoffmeister, Staplin and Malloy
TCD. 22903

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2c

Clayton 1985, fig. 2a

FIGURED

Anaplanisporites baccatus Hoffmeister, Staplin and Malloy
TCD. 28672

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.2

FIGURED

Apiculiretusispora fruticosa Higgs

TCD. 28981

Bedford Shale Formation, LN Miospore Biozone, Upper
Devonian (sample 1)

Morehead, Kentucky, U.S.A.

Coleman and Clayton 1987, pl. 2, fig. 1

FIGURED

Apiculatisporis sp.

TCD. 22910

CM Miospore Biozone, Cementstone, Courceyan Stage,
Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2j (as *Pustulatisporites*
sp.).

Clayton 1985, fig. 2h

FIGURED

Aratrisporites saharaensis Loboziak, Clayton and Owens

TCD. 29007

Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA

Coleman and Clayton 1987, p. 84, pl. 3, fig. 10

FIGURED

Aratrisporites saharaensis Loboziak, Clayton and Owens

TCD. 29008

Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA

Coleman and Clayton 1987, p. 84, pl. 3, fig. 11

FIGURED

Auroraspora commutata Naumova

TCD. 22004

LN Miospore Biozone, 'Strunian Stage', Devonian
Ardmore, Co. Waterford (sample P10)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 15

FIGURED

Auroraspora macra Sullivan

TCD. 22923

CM Miospore Biozone, Courceyan Stage, Lower Car-
boniferous

Allanton Bridge, Berwickshire, Scotland (Nat. Grid Ref.
NT 864 543)

Scott, Galtier and Clayton 1984, fig. 2w

FIGURED

Auroraspora macra Sullivan

TCD. 28682

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 1)

Clayton 1986, fig. 3.12

FIGURED

Auroraspora macra Sullivan

TCD. 24133

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat.
Grid. Ref. NT 921 552)

Clayton 1985, fig. 2p

FIGURED

Baculatisporites fusticulus Sullivan

TCD. 28675

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.5

FIGURED

Colatisporites decorus Bharadwaj and Venkatachala

TCD. 28681

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.11

FIGURED

Convolutispora caliginosa Clayton and Keegan

TCD. 21995

VI Miospore Biozone, Courceyan Stage, Lower Car-
boniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, p. 522, pl. 1, fig. 6
HOLOTYPE

Convolutispora caliginosa Clayton and Keegan
TCD. 21994

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford (sample P9)
Clayton, Keegan and Sevastopulo 1982, p. 522, pl. 1, fig. 5
FIGURED

Convolutispora caliginosa Clayton and Keegan
TCD. 21997

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford (sample P9)
Clayton, Keegan and Sevastopulo 1982, p. 522, pl. 1, fig. 8
FIGURED

Convolutispora caliginosa Clayton and Keegan
TCD. 21998

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous
Ardmore, Co. Waterford (sample P9)
Clayton, Keegan and Sevastopulo 1982, p. 522, pl. 1, fig. 9
FIGURED

Convolutispora circumvallata Clayton
TCD. 22913

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous
Crooked Burn, Foulden, Berwickshire, Scotland (Bed 4)
(Nat. Grid Ref. NT 921 552)
Scott, Galtier and Clayton 1984, fig. 2m
Clayton 1985, fig. 2i
FIGURED

Convolutispora circumvallata Clayton
TCD. 28677

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous
Cultra, Co. Down (sample 1)
Clayton 1986, fig. 3.7
FIGURED

Convolutispora mellita Hoffmeister, Staplin and Malloy
TCD. 28676

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous
Cultra, Co. Down (sample 2)
Clayton 1986, fig. 3.6
FIGURED

Convolutispora sp.
TCD. 28995

Henley Bed, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 10)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 2, fig. 15
FIGURED

Crassispora trychera Neves and Ioannides
TCD. 24129

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)

Clayton 1985, fig. 2j
[Cited by Clayton as 24128]
FIGURED

Cristatisporites bellus Bharadwaj and Venkatachala
TCD. 24130

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous
Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)
Clayton 1985, fig. 2i
FIGURED

Cristatisporites menendezii Menendez and Azcuy
TCD. 28999

Bedford Shale Formation, LN Miospore Biozone, Upper Devonian (sample 2)
Morehead, Kentucky, USA
Coleman and Clayton 1987, p. 84, pl. 3, fig. 2
FIGURED

Cyclogranisporites palaeophytus Neves and Ioannides
TCD. 22902

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous
Crooked Burn, Foulden, Berwickshire, Scotland (Bed 7)
(Nat. Grid Ref. NT 921 552)
Scott, Galtier and Clayton 1984, fig. 2b
FIGURED

Cyclogranisporites paleophytus Neves and Ioannides
TCD. 24125

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous
Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)
Clayton 1985, fig. 2b
FIGURED

Cyrtospora cristifera Luber
TCD. 28993

Sunbury Shale Formation, VI and HD Miospore biozones, Lower Carboniferous (sample 6)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 2, fig. 13
FIGURED

Dictyotriletes cf. cheveriensis Playford
TCD. 28678

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous
Cultra, Co. Down (sample 1)
Clayton 1986, fig. 3.8
FIGURED

Dictyotriletes fimbriatus Winslow
TCD. 28996

Bedford Shale Formation, LN Miospore Biozone, Upper Devonian (sample 2)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 16

FIGURED

Dictyotrilites submarginatus Playford

TCD. 21993

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 4

FIGURED

Dictyotrilites sp. cf. *Reticulatisporites cheveriensis* Playford
TCD. 22912

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

River Whiteadder, Edrom, Berwickshire, Scotland (Nat. Grid. Ref. NT 821 560)

Scott, Galtier and Clayton 1984, fig. 21

FIGURED

Dictyotrilites sp.

TCD. 22911

CM Miospore Biozone, Courceyan Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 6)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2k

FIGURED

Emphanisporites rotatus McGregor

TCD. 21999

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 10

FIGURED

Emphanisporites rotatus McGregor

TCD. 22003

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 14

FIGURED

Hymenozonotrilites explanatus Luber

TCD. 29009

Bedford Shale Formation, LN Miospore Biozone, Upper Devonian (sample 2)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 12

FIGURED

Knoxisporites cinctus Waltz

TCD. 22916

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2p

FIGURED

Knoxisporites literatus Waltz

TCD. 22921

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2u

Clayton 1985, fig. 2k

FIGURED

Knoxisporites literatus Waltz

TCD. 28679

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous

Cultra, Co. Down (sample 1)

Clayton 1986, fig. 3.9

FIGURED

Knoxisporites cf. *literatus* Waltz

TCD. 22920

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2t

FIGURED

Knoxisporites stephanephorus Love

TCD. 22918

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2r

FIGURED

Knoxisporites stephanephorus Love

TCD. 22919

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2s

FIGURED

Knoxisporites triangularis Higgs, Clayton and Keegan

TCD. 28680

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous

Cultra, Co. Down (sample 1)

Clayton 1986, fig. 3.10

FIGURED

Knoxisporites triradiatus Hoffmeister, Staplin and Malloy

TCD. 22917

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2q

FIGURED

Knoxisporites cf. *triradiatus* Hoffmeister, Staplin and Malloy
TCD. 28997

Bedford Shale Formation, LN Miospore Biozone, Upper
Devonian (sample 1)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 17

FIGURED

Kraeuselisporites hibernicus Higgs

TCD. 22924

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2x

Clayton 1985, fig. 2n

FIGURED

Latosporites sp.

TCD. 22926

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2z

Clayton 1985, fig. 2q

FIGURED

Latosporites sp.

TCD. 24134

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid
Ref. NT 921 552)

Clayton 1985, fig. 2r

FIGURED

Latosporites sp.

TCD. 24135

CM Miospore Biozone, Cementstone Group, Courceyan
Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid
Ref. NT 921 552)

Clayton 1985, fig. 2s

FIGURED

Latosporites sp.

TCD. 24136

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid
Ref. NT 921 552)

Clayton 1985, fig. 2t

FIGURED

Lophozonotriletes concentricus Byvsheva

TCD. 28994

Bedford Shale Formation, LN Miospore Biozone, Upper
Devonian (sample 2)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 14

FIGURED

Lophozonotriletes cristifer Luber

TCD. 22002

VI Miospore Biozone, Courceyan Stage, Lower Car-
boniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 13

FIGURED

Lophozonotriletes malevkensis Naumova

TCD. 22000

VI Miospore Biozone, Courceyan Stage, Lower Car-
boniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 11

FIGURED

Lophozonotriletes rarituberculatus Luber

TCD. 22001

VI Miospore Biozone, Courceyan Stage, Lower Car-
boniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 12

FIGURED

Lophozonotriletes triangulatus Ischencko

TCD. 28992

Sunbury Shale Formation, VI and HD Miospore biozones,
Lower Carboniferous (sample 6)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 12

FIGURED

Lycospora pusilla Ibrahim

TCD. 22922

PU Miospore Biozone, ?Holkerian Stage, Lower Car-
boniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 21)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2v

FIGURED

Neoraistrickia logani Winslow

TCD. 28985

Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA

Coleman and Clayton 1987, p. 83, pl. 2, fig. 5

FIGURED

Neoraistrickia logani Winslow

TCD. 28986

Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA

Coleman and Clayton 1987, p. 83, pl. 2, fig. 6

FIGURED

Neoraistrickia logani Winslow

TCD. 28987

Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA
Coleman and Clayton 1987, p. 83, pl. 2, fig. 7
FIGURED

Neoraistrickia logani Winslow
TCD. 28988
Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 10)
Morehead, Kentucky, USA
Coleman and Clayton 1987, p. 83, pl. 2, fig. 8
FIGURED

Neoraistrickia logani Winslow
TCD. 28989
Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)
Morehead, Kentucky, USA
Coleman and Clayton 1987, p. 83, pl. 2, fig. 9
FIGURED

Prolycospora rugulosa Butterworth and Spinner
TCD. 28683
CM Miospore Biozone, Ballycultra Formation, Courcayan
Stage, Lower Carboniferous
Cultra, Co. Down (sample 2)
Clayton 1986, fig. 3.13
FIGURED

Punctatisporites minutus Kosanke
TCD. 28671
CM Miospore Biozone, Ballycultra Formation, Courcayan
Stage, Lower Carboniferous
Cultra, Co. Down (sample 3)
Clayton 1986, fig. 3.1
FIGURED

Pustulatisporites sp. A Higgs
TCD. 21990
VI Miospore Biozone, Courcayan Stage, Lower Car-
boniferous
Ardmore, Co. Waterford (sample P9)
Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 1
FIGURED

Pustulatisporites sp.
See *Apiculatisporites* sp.

Raistrickia clavata Hacquebard
TCD. 28990
Farmers Member, Borden Formation, PC Miospore
Biozone, Lower Carboniferous (sample 12)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 2, fig. 10
FIGURED

Raistrickia corynoides Sullivan
TCD. 22904
CM Miospore Biozone, Courcayan Stage, Lower Car-
boniferous
Allanton Bridge, Berwickshire, Scotland (Nat. Grid Ref.
NT 864 543)

Scott, Galtier and Clayton 1984, fig. 2d
FIGURED

Raistrickia macrura Luber
TCD. 21996
VI Miospore Biozone, Courcayan Stage, Lower Car-
boniferous
Ardmore, Co. Waterford (sample P9)
Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 7
FIGURED

Raistrickia cf. *strumosa* Playford
TCD. 28991
Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 10)
Morehead, Kentucky, USA
Coleman and Clayton 1987, p. 83, pl. 2, fig. 11
FIGURED

Retispora lepidophyta Kedo
TCD. 29000
Bedford Shale Formation, LN Miospore Biozone, Lower
Carboniferous (sample 2)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 3, fig. 3
FIGURED

Retispora lepidophyta Kedo
TCD. 29001
Bedford Shale Formation, LN Miospore Biozone, Upper
Devonian (sample 2)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 3, fig. 4
FIGURED

Retusotriletes triangulatus Streef
TCD. 22901
CM Miospore Biozone, Cementstone Group, Courcayan
Stage, Lower Carboniferous
Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)
Scott, Galtier and Clayton 1984, fig. 2a
FIGURED

cf. *Retusotriletes*? sp. nov. Holland and Smith
TCD. 22978

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian
Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
Edwards, Feehan and Smith 1983, p. 30, fig. 53
*FIGURED

cf. *Retusotriletes* sp.
TCD. 22979

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian
Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)
Edwards, Feehan and Smith 1983, p. 30, fig. 54
*FIGURED

?Rotaspora cf. disjuncta Neville

TCD. 22914

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2n

FIGURED

?Rotaspora xenika Neville

TCD. 22915

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 15)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2o

FIGURED

Rugospora flexuosa Juschko

TCD. 22005

LE Miospore Biozone, 'Strunian' Stage, Devonian

Ardmore, Co. Waterford (sample P3)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 16

FIGURED

Rugospora flexuosa Juschko

TCD. 22006

LE Miospore Biozone, 'Strunian Stage', Devonian

Ardmore, Co. Waterford (sample P3)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 17

FIGURED

Rugospora flexuosa Jushko

TCD. 28998

Bedford Shale Formation, LN Miospore Biozone, Upper Devonian (sample 2)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 1

FIGURED

Rugospora polyptycha Neves and Ioannides

TCD. 22925

PU Miospore Biozone, ?Holkerian Stage, Lower Carboniferous

Loch Humphrey Burn, Kilpatrick Hills, Scotland (Bed 21)
(Nat. Grid Ref. NS 468 755)

Scott, Galtier and Clayton 1984, fig. 2y

FIGURED

Rugospora polyptycha Neves and Ioannides

TCD. 24131

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)

Clayton 1985, fig. 2m

FIGURED

Schopfites claviger Sullivan

TCD. 22907

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2g

FIGURED

Schopfites claviger Sullivan

TCD. 22908

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 7)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2h

FIGURED

Schopfites claviger Sullivan

TCD. 24127

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)

Clayton 1985, fig. 2d

FIGURED

Schopfites claviger Sullivan

TCD. 28673

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.3

FIGURED

Spelaotrilites balteatus Playford

TCD. 29005

Henley Bed, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 11)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 8

FIGURED

Spelaotrilites balteatus Playford

TCD. 29006

Henley Bed, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 11)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 9

FIGURED

Spelaotrilites lepidophytus Kedo

TCD. 22007

LE Miospore Biozone, 'Strunian' Stage, Devonian

Ardmore, Co. Waterford (sample P3)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 18

FIGURED

Spelaotrilites pretiosus Playford

TCD. 29003

Henley Bed, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 10)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 6

FIGURED

Spelaeotriletes pretiosus Playford

TCD. 29004

Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 10)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 7

FIGURED

Spelaeotriletes cf. pretiosus Playford

TCD. 24132

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid
Ref. NT 921 552)

Clayton 1985, fig. 2o

FIGURED

Spinozonotriletes uncatus Hacquebard

TCD. 29002

Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 10)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 5

FIGURED

Spore

TCD. 22975

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 50

*FIGURED

Tasmanites sp.

TCD. 28685

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.15

FIGURED

Tasmanites sp.

TCD. 28686

CM Miospore Biozone, Ballycultra Formation, Courceyan
Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.16

FIGURED

Trilete spore

TCD. 22974

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, fig. 49

*FIGURED

Trilete spore

TCD. 22977

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 52

*FIGURED

Triradiate spore

TCD. 22976

Monograptus ludensis Biozone, Cloncannon Formation,
Homerian Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall,
Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 30, fig. 51

*FIGURED

Umbonatisporites distinctus Clayton

TCD. 22909

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 7)
(Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2i

Clayton 1985, fig. 2g

FIGURED

Umbonatisporites distinctus Clayton

TCD. 24128

CM Miospore Biozone, Cementstone Group, Courceyan
Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid
Ref. NT 921 552)

Clayton 1985, fig. 2f

FIGURED

Umbonatisporites distinctus Clayton

TCD. 28984

Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 11)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 4

FIGURED

Vallatisporites pusillites Kedo

TCD. 29010

Bedford Shale Formation, LN Miospore Biozone, Lower
Carboniferous (sample 1)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 13

FIGURED

Vallatisporites vallatus Hacquebard

TCD. 29012

Henley Bed, Borden Formation, PC Miospore Biozone,
Lower Carboniferous (sample 11)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 3, fig. 15

FIGURED

Vallatisporites verrucosus Hacquebard

TCD. 29011

Farmers Member, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 12)
Morehead, Kentucky, USA
Coleman and Clayton 1987, pl. 3, fig. 14
FIGURED

Verrucosiporites nitidus Naumova

TCD. 21991

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 2

FIGURED

Verrucosiporites nitidus Naumova

TCD. 21992

VI Miospore Biozone, Courceyan Stage, Lower Carboniferous

Ardmore, Co. Waterford (sample P9)

Clayton, Keegan and Sevastopulo 1982, pl. 1, fig. 3

FIGURED

Verrucosiporites nitidus Naumova

TCD. 22008

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)

Clayton 1985, fig. 2e

[Cited by Clayton as 22127]

FIGURED

Verrucosiporites nitidus Naumova

TCD. 22906

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Bed 9) (Nat. Grid Ref. NT 921 552)

Scott, Galtier and Clayton 1984, fig. 2f

FIGURED

Verrucosiporites nitidus Naumova

TCD. 28674

CM Miospore Biozone, Ballycultra Formation, Courceyan Stage, Lower Carboniferous

Cultra, Co. Down (sample 2)

Clayton 1986, fig. 3.4

FIGURED

Verrucosiporites nitidus Naumova

TCD. 28982

Bedford Shale Formation, LN Miospore Biozone, Upper Devonian (sample 1)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 2

FIGURED

Verrucosiporites nitidus Naumova

TCD. 28983

Farmers Member, Borden Formation, PC Miospore Biozone, Lower Carboniferous (sample 12)

Morehead, Kentucky, USA

Coleman and Clayton 1987, pl. 2, fig. 3

FIGURED

Verrucosiporites scoticus Sullivan

TCD. 22905

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

River Whiteadder, Edrom, Berwickshire, Scotland (Nat. Grid Ref. NT 821 560)

Scott, Galtier and Clayton 1984, fig. 2e

FIGURED

Verrucosiporites scoticus Sullivan

TCD. 24126

CM Miospore Biozone, Cementstone Group, Courceyan Stage, Lower Carboniferous

Crooked Burn, Foulden, Berwickshire, Scotland (Nat. Grid Ref. NT 921 552)

Clayton 1985, fig. 2c

Plantae: Acritarchs

Diacrobian acritarch

TCD. 22966

Monograptus ludensis Biozone, Cloncannon Formation, Homeric Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall, Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 41

*FIGURED

Domasia sp. indet.

TCD. 22967

Monograptus ludensis Biozone, Cloncannon Formation, Homeric Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall, Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 42

*FIGURED

Unidentified acritarch

TCD. 22965

Monograptus ludensis Biozone, Cloncannon Formation, Homeric Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall, Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 40

*FIGURED

Unidentified acritarch

TCD. 22970

Monograptus ludensis Biozone, Cloncannon Formation, Homeric Stage, Wenlock Series, Silurian

Nr. top of Borrisnoe Mountain, 1.7 km SE of Moneygall, Co. Tipperary (Nat. Grid Ref. 18 S 052 782)

Edwards, Feehan and Smith 1983, p. 28, fig. 45

*FIGURED

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J.R. NUDDS,
The Manchester Museum,
The University,
Manchester M13 9PL,
England.