
E.J. Loeffler & M.D. Crane

CATALOGUE OF TYPE, FIGURED AND CITED FOSSILS IN THE CITY OF BRISTOL MUSEUM & ART GALLERY

PART 2, INVERTEBRATA : PORIFERA, COELENTERATA, BRYOZOA

E.J. Loeffler & M.D. Crane

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1. INTRODUCTION

Edward Wilson's catalogue of type and figured specimens in the Bristol Museum & Library, published in 1890, does not include any representatives of this group. However, J. de C. Sowerby did figure specimens of Siphonia from J.S. Miller's collection in 1836, one of which is present in the collection. No reference to the other specimens has yet been noted in our records.

NOTES AND REFERENCES


[See particularly p.239.]

2. CATALOGUE OF TYPE AND FIGURED SPECIMENS

CRETACEOUS

Siphonia pyriformis Goldfuss [not located] figured

Upper Greensand; Whetstone pits, Blackdown.
Collected by J.S. Miller [1824] and purchased from his widow in 1831.
HINDE, J.G. 1883. Catalogue of the fossil sponges in the ... British Museum (Natural History), p.64 (as Siphononia tulipa Zittel).

Siphonia pyriformis Goldfuss [not located] figured

Upper Greensand; Whetstone pits, Blackdown.
Collected by J.S. Miller [1824] and purchased from his widow in 1831.
HINDE, J.G. 1883. Catalogue of the fossil sponges in the ... British Museum (Natural History), p.64 (as Siphonia tulipa Zittel).

Siphonia pyriformis Goldfuss

Upper Greensand; Whetstone pits, Blackdown.
Collected by J.S. Miller [1824] and purchased from his widow in 1831.
HINDE, J.G. 1883. Catalogue of the fossil sponges in the ... British Museum (Natural History), p.64 (as Siphonia tulipa Zittel).

"In fig.9. a head is represented, the greater part of which is embraced by a Serpula ..." SOWERBY, loc. cit., p.340.
COELENTERATA

1. INTRODUCTION

Edward Wilson's catalogue of the type and figured specimens in the Bristol Museum & Library, published in 1890\(^1\), includes material which featured in the Palaeontographical Society's *A monograph of the British fossil corals*, by H.M. Edwards & J. Haime, 1850-4. Since then a number of other specimens from our collections have been described and figured, notably by Stanley Smith (1883-1955).

No reference is made by Wilson to type specimens of species of *Conularia* described in the Sowerbys' *Mineral Conchology*. We follow the *Treatise on invertebrate palaeontology* (F), 1956, in including this group with the Scyphozoa here.

NOTES AND REFERENCES


*indicates that the specimen is presumed to have been destroyed by enemy action, November 1940.

2. CATALOGUE OF TYPE AND FIGURED SCYPHOZOA (CONULATA)

[LOWER PALAEOZOIC]

*Conularia quadrisulcata* J.S. Miller ex J. Sowerby

Transition Limestone; locality not known.

Given by Rev. R.B. Plumtree (of Gloucester) to J.S. Miller.

It presumably formed part of Miller's personal collection and would have been purchased from his widow in 1831.


Recorded as missing by E.B. Tawney in 1874.

[CARBONIFEROUS]

*Conularia quadrisulcata* J.S. Miller ex J. Sowerby

C 4046 [not located]\(^b\)

"... the lowest bed of the Bristol Limestone ...", Lower Carboniferous; "... about the Hotwells", Bristol.

"... belonging to Mr. Miller", presumably acquired as part of his collection, by purchase from his widow in 1831.


3. CATALOGUE OF TYPE AND FIGURED HYDROZOA (STROMATOPOROIDEA)

**JURASSIC**

*Burgundia tutcheri* Kellaway & Smith

Cb 2645 [not located] *

(type (paratype))

Vesulian, Inferior Oolite; Stantonbury Camp, nr. Bath, Somerset.


4. CITED SPECIMENS OF HYDROZOA (STROMATOPOROIDEA)


Stromatoporoid

pp.518,538 [Base of the Tortworth Beds], Upper Llandovery; Middlemill, near Tortworth.

(Cc 335, coll. S.H. Reynolds).

5. CATALOGUE OF TYPE AND FIGURED ANTHOZOA (ZOANTHARIA)

**SILURIAN**

*Pycnactis mitratus* Schlotheim

Cb 4639 figured

Pycnactis Band, Wenlock Series, Silurian; Brinkmarsh Quarry, Whitfield, Gloucestershire.

Donated by M.L.K. Curtis.


*Xylodes pseudodianthus* (Weissemel)

C 7732 [not located] *

(figured)

Wenlock Limestone; Shropshire.


SMITH, S. & TREMBERTH, R. 1929. Annals and Magazine of Natural History (10) 3, pl.8 fig.3.

LANG, W.D., SMITH, S. & THOMAS, H.D. 1940. Index of Palaeozoic coral genera pp.57-8, 140 (*Entelophyllum pseudodianthus* (Weisssemel)).
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CARBONIFEROUS

*Alveolites septosus* (Fleming) C 4207 figured

Carboniferous Limestone, Lower Carboniferous; Bristol
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1852. *A monograph of the British fossil corals* ... pt.3, pp.157-8, pl.xlv fig.5,5a,b [fig.5 reversed].

*Aulina furcata* Smith Ca 8272 [not located] *type (paratype)

D3 Zone, Lower Carboniferous; Siggate, Castleton, Derbyshire. Donated by S. Smith, 1925.
SMITH, S. 1925. *Annals and Magazine of Natural History*, (9) 16, 490-495.

*Campophyllum murchisoni* Edwards & Haime C 4454 (in part) [not located] *

Lower Carboniferous; locality not known (but see Leipner 1868, 96).
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1852. *A monograph of the British fossil corals* ... pt.3, 184, pl.xxxvi fig.3.

*Clisiophyllum coniseptum* (Keyserling) C 4414 figured

Carboniferous Limestone, Lower Carboniferous; locality not known.
Acquisition history not known.

*Clisiophyllum turbinatum* McCoy C 4217 figured

Carboniferous Limestone; Bristol
Acquisition history not known.
HILL, D. 1938. *A monograph on the Carboniferous rugose corals of Scotland*. (Palaeontographical Society), pt.1, 61 (as ?*Clisiophyllum keyserlingi* McCoy). (Hill adds “Specimens have not been traced.”)
**Cyathophyllum regium** Phillips

Carboniferous Limestone; locality not known.
Acquisition history not known.
("... in my opinion answers more to "C. turbinatum, Goldf." than to any other species ...”).
HILL, D. 1940. *A monograph on the Carboniferous rugose corals of Scotland*, (Palaeontographical Society), pt.3, 121 (as *Palaeosmilia regia* (Phillips)).

**Fasciculophyllum** near *F. carruthersi* Hill

Tanhouse Beds, Visçan, Carboniferous; Tanhouse Farm, Nr. Yate, Gloucestershire.
Donated by Stanley Smith, 1942.
SMITH, S. 1942. *Proceedings of the Bristol Naturalists' Society*, (4) 9, 343-345, fig.7 [p.342],
e [Cb2956], f [Cb 2957], g [Cb2958], h [Cb2962], i [Cb2961], j [Cb2960], k [Cb2959],
l [Cb2963].

**Lithostrotion ensifer** Edwards & Haime

Carboniferous Limestone; Clifton, Bristol.
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1852. *A monograph of the British fossil corals* ... pt.3, 193,
pl.xlviii fig.2,2a.
SMITH, S. 1916. *Quarterly Journal of the Geological Society of London*, 72, 301 (as *Orionastraea ensifer* (Edwards & Haime)).

**Michelinia favosa** (Goldfuss)

Carboniferous Limestone; Masbury, Mendip, Somerset.
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1852. *A monograph of the British fossil corals* ... pt.3, 154,
pl.xliv fig.2 [a little restored], 2a-c.

**Michelinia megastoma** (Phillips)

Carboniferous Limestone; locality not known.
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1852. *A monograph of the British fossil corals* ... pt.3, 156,
pl.xliv fig.3,3a,b.
Michelinia tenuisepta (Phillips) C 4058
figured

Carboniferous Limestone; Masbury, Mendip, Somerset.
Acquisition history not known.

Zaphrentis sp. Cb 2950, Cb 2952-4
figured

Tanhouse Beds, Visean, Carboniferous; Tanhouse Farm, near Yate, Gloucestershire.
Donated by Stanley Smith, 1942.
SMITH, S. 1942. Proceedings of the Bristol Naturalists’ Society, (4) 9, 341-343, fig. 7 [p.342].
a [Cb2950], b [Cb2952], c [Cb 2953], d [Cb2954].

JURASSIC

Macgeopsis? stutchburyi (Edwards & Haime) Beauvais C 474

Inferior Oolite; Nunney, near Frome, Somerset.
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1851. A monograph of the British fossil corals ... pt.2, 131, pl.27 fig. 3 (as Montlivaltia stutchburyi Edwards & Haime)
WILSON, E. 1890. Geological Magazine, (dec. 3) 7, 413.
BEAUVAIS, L. 1970. Annales de Paléontologie (Invertibres), 54 (1), 6-7 [incorrectly stated to be in the British Museum (Natural History) and to be the holotype], pl. A fig. 2a, b [of a replica].

Montlivaltia stutchburyi Edwards & Haime Cb 319 [not located]*
type (syntype)

Inferior Oolite; Nunney, near Frome, Somerset.
Acquisition history not known.
EDWARDS, H.M. & HAIME, J. 1851. A monograph of the British fossil corals ... pt.2, 131, pl.27 fig.5.

6. CITED SPECIMENS OF ANTHOZOA


Buckman & Wilson, 1896, 675 record that they began a detailed study, which sometimes involved special excavations, in 1887. It is known that their published records were also based on existing collections, including that of the Bristol Museum (Buckman & Wilson, 1896, 697). We have made no attempt to identify material which they may have seen in
Invertebrata: Coelenterata

the Museum's collection or in private collections acquired by this institution at a later date. A few donations of material known or inferred to be from Dundry Hill were made by Wilson from 1886 onwards [MS 'Bristol Institution Rough Presents Book ... 1866-1898']. We have in the collections a few specimens of corals from Dundry Hill labelled in Wilson's hand which we assume to have been collected by him, but the data is insufficient to identify any of them with certainty as being the basis for entries in the published lists. In only one case (Cd 663) does one of Wilson's labels carry an identification (“Thamnastrea Defranciana IO. Dundry”).


Curtis's published faunal lists are based on collections in a number of institutions. We possess the following:

**Coenites juniperinus** Eichwald


Wenlock Series; Old quarry near Poolfield Farm, Charfield (Cc 239-260 coll. S.H. Reynolds [cited Morgan & Reynolds 1901, 271; Reed & Reynolds 1908b, 533, 541]). Wenlock Series; Falfield (Cb 3669-89, coll. Ducie [cited Reed & Reynolds 1908b, 541]).

**Favosites fibrilla** Smith

p.30 [ashy limestone, base of Tortworth beds, Upper Llandovery]; Cullimore's Quarry, Charfield (Cc 229, coll. S.H. Reynolds; Cc 230-1, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 516, 538 as *Alveolites* sp.]; Cc 232-3, coll. S.H. Reynolds.)

**Favosites gothlandicus** Lamarck


[Ashy limestone, base of Tortworth beds, Upper Llandovery]; Cullimore's Quarry, Charfield (Cc 164-9, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 516, 538]). [Base of Tortworth beds, Upper Llandovery]; Cullimore's Quarry, Charfield (Cc 173, coll. Ducie).

Ashy limestone immediately above Upper Trap, Upper Llandovery; Cullimore's Quarry, Charfield (Cc 174, coll. W.O. Stock).

[Ashy limestone, base of Tortworth beds], Upper Llandovery; Middlemill, near Stone (Cc 161-3 and unregistered specimen, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 520, 538; Morgan & Reynolds 1901, 278]). [Base of Tortworth beds], Upper Llandovery; Middlemill, near Stone (Cb 474-5, donated by S.H. Reynolds, formerly W.H.V. Wickes coll.).

p.30 Upper Llandovery; road cutting at Woodford Green, near Stone (Cc 170-2, donated by S.H. Reynolds, formerly Stanley Smith coll.).

p.30 [Ashy limestone, base of Tortworth beds, Upper Llandovery]; Quarry opposite Warner's Court Farm, Charfield (Cc 175, coll. S.H. Reynolds).

p.30 Wenlock Series; east of Heneage Court (Cc 176-7, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 541]).

**Favosites gothlandicus forbesi** (Edwards & Haime)


Upper part of Damery beds, Upper Llandovery; road cutting south of Matford Lane.
Invertebrata; Coelenterata


Damery Beds, Upper Llandovery; loose blocks on wooded slope c. 100 yds S.S.E. of Damery Bridge (Cc 201-4, coll. M.L.K. Curtis).

Wenlock Series; Whitfield (Cc 180-2, coll. Ducie [cited Reed & Reynolds 1908a, 36; 1908b, 541]).

Wenlock Series; about ¼ mile E.N.E. of Heneage Court, Falfield (Cc 197, coll. M.L.K. Curtis).

pp.21. 30 Wenlock Series (fossiliferous band in lower part of bed 7); Buckover Section, near Whitfield (Cc 188-9, coll. M.L.K. Curtis [cited Curtis & Cave 1964, 432]).


Favosites multipora Lonsdale

pp.13-14, 30 [Palaeocylus Band, base of Tortworth Beds, Upper Llandovery]; southern end of Eastwood Park, Falfield (Cc 205, coll. S.H. Reynolds [cited Reed & Reynolds, 1908, 522, 538 as Favosites forbesi(?)]).

pp.13, 30 [Palaeocylus Band, Upper Llandovery]; Daniel’s Wood, near Tortworth (Cc 206-7, coll. S.H. Reynolds [Cc 206 cited Morgan & Reynolds, 1901, 274 as Favosites sp. and by Reed & Reynolds, 1908, 519, 538 as F. hisingeri]).

[Base of Tortworth beds, Upper Llandovery]; Middlemill, near Stone. (Cc 208, coll. S.H. Reynolds [cited Reed & Reynolds, 1908, 519, 538 as F. hisingeri]).


Palaeocylus Band, Upper Llandovery, about 250 yds west of Crockley’s Farm, Tortworth (loose blocks) (Cc 210, coll. M.L.K. Curtis).


Base of Tortworth Beds, Upper Llandovery; Cullimore’s Quarry, Charfield (Cc 220-4, coll. M.L.K. Curtis).


Heliolites murchisoni Edwards & Haime


Palaeocylus porpita (Linnaeus)


[ Palaeocylus Band, Upper Llandovery]; Cullimore’s Quarry, Charfield (Cc 148, coll. S.H. Reynolds).

Upper Llandovery; Avening Green, nr. Tortworth (Cc 149, coll. Ducie).

[ Palaeocylus Band, Upper Llandovery]; Middlemill, nr. Stone (Cc 150-1 coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 520]).

pp. 13-14, 30 [Palaeocylus Band, Upper Llandovery]; near southern end of Eastwood Park, Falfield (Cc 152, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 522, 538]).

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*Palaeofavosites asper* (d’Orbigny)
p.30 Wenlock Series; Falfield (Cc 178, coll. Ducie).

*Propora tubulata* (Lonsdale)

Wenlock Series; Whitfield (Cc 235, coll. S.H. Reynolds [cited Reed & Reynolds, 1908, 541]).

*Pycnactis mitratus* (Schlotheim)


p.30 *[Pycnactis Band]*, Wenlock Series; Whitfield (Cb 3661-8, coll. Ducie [probably cited by Reed & Reynolds 1908a, 36; 1908b, 541 as *Hallia mitrata*]).

*Rhabdocyclus binus* (Lonsdale)
p.30 [Probably Damery Beds], Upper Llandovery; Avening Green, near Tortworth (Cc 344-5, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 32; 1908b, 538 as *Lindstroemia subduplicata*]).

[Damer Beds, Upper Llandovery]; Damery, nr. Tortworth (Cc 346-8, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 33; 1908b, 538 as *Lindstroemia subduplicata*]).

[Damery Beds, Upper Llandovery]; Woodford (Cc 349, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 521, 538 as *Lindstroemia subduplicata var. crenulata*]).

[Damery Beds, Upper Llandovery]; The Elms, Woodford (Cc 350, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 538 as *Lindstroemia subduplicata var. crenulata*]).

[Damery Beds, Upper Llandovery]; Middlemill, nr. Stone (Cc 351, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 520, 538 as *Lindstroemia subduplicata var. crenulata*]).

[Damery Beds, Upper Llandovery]; N.W. of The Elms, Woodford. (Cc 352, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 521, 538 as *Lindstroemia binus*]).

[Damery Beds, Upper Llandovery]; Middlemill, nr. Stone (Cc 353, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 520, 538 as *Lindstroemia binus*]).

Damery Beds, Upper Llandovery; loose blocks, slope about 100 yds SSE of Damery Bridge, near Tortworth (Cc 448-9, coll. M.L.K. Curtis).


*Rhabdocyclus* sp.

*Streptelasma elongatum* (Phillips)
p.30 [Damer Beds], Upper Llandovery; Ironmill Wood, near Tortworth (Cc 343, coll. S.H. Reynolds).

*Thecia swirendiana* (Goldfuss)
p.30 Wenlock Series; Whitfield, Glos. (Cc 236, coll. Ducie) [Probably cited Reed & Reynolds 1908a, 36; 1908b, 541]).

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[Lower Limestone or *Pycnactis* Band], Wenlock Series; Rifle Cottage Quarry, Whitfield (Cc 341, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 36; 1908b, 541]).


*Istraæa* sp.

*Thamnasteria* sp.

*Chomatoseris porpites* (Wm. Smith)
p.27 White Oolite (*Anabacia* Limestone), Inferior Oolite; northern part of Dyrham Park (Cc 159, coll. M.L.K. Curtis).


*Favosites gothlandicus forbesi* (Edwards & Haime)
p.432 fossiliferous band in lower part of Bed 7, Wenlock Series; Buckover Section, near Tortworth (Cc 188-9, coll. M.L.K. Curtis [cited Curtis 1972, 21]).


Reworked specimens recorded from

p.165 Middle Terrace; Burial Ground, Shirehampton.

*Istraæa* sp. (Cd 408-410); *Diastopora michelini* Haime (Cd 405); *Michelinia megastoma* Phillips (Cd 404).

p.171 Low Terrace; Gravel Pit, Holm Mead Lane, near Bitton.

*Michelinia favosa* Goldf. (Cd 422); *Anabacia* (Cd 428-434).


We possess a manuscript ‘List of Fossil Corals borrowed by Professor Milne-Edwards ...’ sent to the Museum of Economic Geology, Jermyn Street, London in May 1850. Only a few of the items on this list can now be recognised.

In 1868 Adolf Leipner (1827-1894) published a brief catalogue of the Carboniferous corals in the collection. Here, and in the MS catalogues which formed the basis for it, he makes several references to specimens having been in the hands of the authors of the monograph. It is, however, clear that the authors of the monograph also examined much other material.

E.B. Tawney (1841-1882), working at Bristol during the 1870s, experienced difficulties in identifying such specimens.

Apart from the material figured in the monograph, the following specimens are known to have been seen by the authors:

*Micrelinia favosa* (Goldfuss)
p.154 C 4080 (not located)*, is part of the figured specimen.

C 4071 (not located)* is said to have been seen by Edwards (Leipner's MS catalogues, item 3).

*Alveolites septosa* (Fleming)

pp.157-8 Item 22 in Leipner's catalogues is said to have been seen by Edwards; specimen not located.
Alveolites depressa (Fleming)
p.158 C 4290 (not located)* is said to have been seen by Edwards (Leipner’s catalogues, item 26).
  Cd 646 is said to have been seen by Edwards (Leipner’s catalogues, item 27).
  C 4291 (not located)* is said to have been seen by Edwards (Leipner’s catalogues, item 28).

Campophyllum murchisoni (Edwards & Haime)
p.184 C 8410 (Leipner’s catalogues, items 149, 152, 154), C 4196 (Leipner’s catalogues, items 150, 155) and the specimens numbered 151 and 153 in Leipner’s catalogues are thought to have been seen by the authors. None has been located; the registered specimens are presumed to have been destroyed by enemy action, 1940.

   Caninia juddi (Thompson) (‘appear to belong to .!!)
p.400 D1, Avonian, Lower Carboniferous; Avon Gorge (C 4214 [2 individuals], coll. Swinifer Jordan).

   Omphyma subturbinata d’Orbigny
p.216 Wenlock Limestone; May Hill, Gloucestershire (Cc 111, coll. C.I. Gardiner, donated by S.H. Reynolds).
   Palaeocyclus praecutus Lonsdale
pp. [213], 215 [Yarleton Beds], Llandovery Series; May Hill, Gloucestershire (Cc 113, coll. C.I. Gardiner, donated by S.H. Reynolds).

   Several specimens from Kilbride were donated by S.H. Reynolds in 1912, all are presumed to have been destroyed by enemy action, November 1940.
   The identifications given in our register, together with the page references which are thought likely to apply, are as follows:-
   Halysites escharoides Lamarck Ca 7950, Ca 7954 (p.86)
   Heliolites interstincta L. Ca 7953 (pp. 85, 86 as H. interstinctus L.).
   Ptychophyllum patellatum Schlotheim Ca 7951 (p.86).
   Lindstroemia elongatum (Phillips) Ca 7955 (pp. 85, 86 as Streptelasma elongatum Phillips).

   Vaughania (Cleistopora)
p.135 K2 Zone, Carboniferous Limestone; 16 out from water-pipe section, West Twin Stream (“near the mouth of the adit .!!”) (Cd 641, Cd 1023, coll. T.R. Fry).

   This is essentially an annotated, but incomplete, catalogue of the institution’s former collection of Carboniferous corals. For this reason we have decided not to include the
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listed specimens in the present work.


*Coenites juniperinus* Eichwald
p.271 Wenlock Series; Old quarry near Poolfield Farm, Charfield (Cc 239-260, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 533, 541; Curtis 1972, 24, 30]).

*Favosites gothlandica* Fougt
p.278 [ashy limestone, base of Tortworth Beds], Upper Llandovery; Middlemill, near Stone (Cc 161-3, Cc336, and unregistered specimen, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 520, 538; Curtis 1972, 14, 30]).

*Favosites sp.*
p.274 Upper Llandovery; Daniel’s Wood, near Tortworth (Cc 206, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 519, 538 as *F. hisingeri*; Curtis 1972, 13, 30 as *F. multipora Lonsdale*]).


*Alveolites repens*
p.39 Wenlock Series; copse south of Daniel’s Wood [Little Daniel’s Wood] (Cc 425, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 541]).

*Favosites forbesii*
p.32 [Damery Beds], Upper Llandovery; Avening Green, near Tortworth (Cc 179, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 538]).

*Hallia mitrata*
p.36 [Pycnactis Band], Wenlock Series; Whitfield (Cb 3661-8, coll. Ducie [cited Reed & Reynolds 1908b, 541; Curtis 1972, 30, as *Pycnactis mitratus* (Schlotheim)])

[Note: the citation is incomplete.]

*Lindstroemia subduplicata*
p.32 [Probably Damery Beds], Upper Llandovery; Avening Green, near Tortworth (Cc 344, 345, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 538].)

*p.33 [Damery Beds, Upper Llandovery]; Damery, near Tortworth (Cc 346-8, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 538].)

*Streptelasma elongatum*
p.32 [Probably Damery Beds], Upper Llandovery; Avening Green, near Tortworth (Cc 344, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 538]).

*Thecia swinderniana*
p.36 Wenlock Series; Whitfield (Cc 236, coll. Ducie [cited Reed & Reynolds 1908b, 541; Curtis 1972, 30]).

[Lower Limestone or *Pycnactis* Band], Wenlock Series; Rifle Cottage Quarry, Whitfield (Cc 341, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 541; Curtis 1972, 30]).


*Alveolites repens* Fougt
p.541 Wenlock Series; copse south of Daniel’s Wood [Little Daniel’s Wood], near Tortworth (Cc 425, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 39]).
**Alveolites** sp.
pp.519, 538 [Base of Tortworth Beds], Upper Llandovery; Middlemill, nr. Stone (Cc 335, coll. S.H. Reynolds).
pp.516, 538 [Ashy limestone, base of Tortworth Beds], Upper Llandovery; Cullimore’s Quarry, Charfield (Cc 230-1, coll. S.H. Reynolds [cited Curtis 1972, 30 as *Favosites fibrilla* Smith]).

**Coenites juniperinus** Eichwald
pp.533, 541 Wenlock Series; Old quarry near Poolfield Farm, Charfield (Cc 239-260, coll. S.H. Reynolds).
p.541 Wenlock Series; Falfield (Cb 3669-3689, coll. Ducie [cited Curtis 1972, 30]).
p.541 [Lower Limestone], Wenlock Series; Whitfield (Cc 427, coll. S.H. Reynolds).

**Favosites aspera** D’Orbigny
pp.519, 338 [Base of Tortworth Beds], Upper Llandovery; Middlemill, near Stone (Cc 337-8, coll. S.H. Reynolds).
pp.516, 538 [Ashy limestone, base of Tortworth Beds], Upper Llandovery; Cullimore’s Quarry, Charfield (Cc 168, coll. S.H. Reynolds).

**Favosites forbesi** Edwards & Haime
dp.516, 538 [Ashy limestone, base of Tortworth Beds, Upper Llandovery]; Cullimore’s Quarry, Charfield (Cc 229, coll. S.H. Reynolds).
p.541 Wenlock Series; Whitfield (Cc 180-2, coll. Ducie [cited Reed & Reynolds 1908a, 36]).

**Favosites forbesi** Edwards & Haime (?)
p.522, 538 [*Palaeocyclus* Band, Upper Llandovery]; southern end of Eastwood Park. (Cc 205, coll. S.H. Reynolds [cited Curtis, 1972, 13-14, 30 as *Favosites multipora* Lonsdale]).

**Favosites forbesi** Edwards & Haime (?)
p.538 [Damery Beds], Upper Llandovery Series; Avening Green, nr. Tortworth (Cc 179 [2 specimens], coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 32]).

**Favosites gothlandica** Fougt
pp.520, 538 [Ashy limestone, base of Tortworth Beds], Upper Llandovery Series; Middlemill, near Stone (Cc 161-3, Cc 336, and an unregistered specimen, coll. S.H. Reynolds [cited Morgan & Reynolds 1901, 278; Curtis 1972, 14, 30]).
pp.516, 538 [Ashy limestone, base of Tortworth Beds, Upper Llandovery]; Cullimore’s Quarry, Charfield (Cc 164-169, coll. S.H. Reynolds [cited Curtis 1972, 14, 30]).

**Favosites hisingeri** Milne-Edwards
p.519, 538 [Base of Tortworth Beds], Upper Llandovery; Middlemill, near Stone (Cc 208, coll. S.H. Reynolds [cited Curtis, 1972, 13, 30 as *F. multipora* Lonsdale]).

**Hallia mitrata** His.
p.541 [*Pycnactis* Band], Wenlock Series; Rifle Cottage Quarry, Whitfield (Cc 278-9, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 36]).
p.541 [*Pycnactis* Band], Wenlock Series; Whitfield. (Cc 280-99, unregistered specimens, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 36; Curtis 1972, 30 as *Pycnactis mitratus* (Schlotheim)]).

**Hallia mitrata** His. (?)
pp.516, 538 [Base of Tortworth Beds], Upper Llandovery; Cullimore’s Quarry, Charfield (Cc 354-5, coll. S.H. Reynolds).

**Heliolites parasitica** Nicholson & Etheridge
pp.519-20, 538, [Base of Tortworth Beds], Upper Llandovery; Middlemill, near Stone (Cc 336-337, coll. S.H. Reynolds).

**Lindstroemia bina** (Lonsdale)
pp.521, 538 [Damery Beds], Upper Llandovery; N.W. of The Elms, Woodford (Cc 352, coll.
S.H. Reynolds [cited Curtis 1972, 30 as *Rhabdocyclus binus* (Lonsdale)].

**Lindstroemia bina** (Lonsdale)
p.520, 538 [Damery Beds], Upper Llandovery; Middlemill, near Stone (Cc 353, coll. S.H. Reynolds [cited Curtis 1972, 30 as *Rhabdocyclus binus* (Lonsdale)]).

**Lindstroemia subduplicata** McCoy
p.538 Llandovery Series; Avening Green, near Tortworth (Cc 344-5, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 32; Curtis 1972, 30 as *Rhabdocyclus binus* (Lonsdale)]).

**Lindstroemia subduplicata** var. *crenulata* McCoy
pp.521, 538 [Damery Beds], Llandovery Series; Woodford (Cc 349, coll. S.H. Reynolds [cited Curtis 1972, 30 as *Rhabdocyclus binus* (Lonsdale)]).

**Palaeocyclus praecutus** Lonsdale
p.520 [Palaeocyclus Band], Llandovery Series; Middlemill, near Stone (Cc 150, Cc 151a, b, coll. S.H. Reynolds [cited Curtis 1972, 13, 30 as *Palaeocyclus porpita* (L.)]).

**Propora tubulata** Lonsdale
p.541 Wenlock Series; Whitfield (Cc 235, coll. S.H. Reynolds [cited Curtis 1972, 30]).

**Streptelasma elongatum** Phillips
p.538 [probably Damery Beds], Llandovery Series; Avening Green, nr. Tortworth (Cc 344, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 32; Curtis 1972, 30 as *Rhabdocyclus binus* (Lonsdale)]).

**Thecia swinderniana** Goldf.
p.541 Wenlock Series; Whitfield (Cc 236, coll. Ducie, [cited Reed & Reynolds 1908a, 36; Curtis 1972, 30]).

**Anabacia complanata** (Defrance)
Table VII opp. p.436 Fuller’s Earth, Jurassic; Midford (Probably Cb 869, coll. J.W.D. Marshall, not located*).

**Pleurodictyum egertoni** (Edwards & Haime)
p.339 Tanhouse Beds, Viséan, Lower Carboniferous; Tanhouse Farm, Yate, Gloucestershire (Cd 1026, given to T.R. Fry by Stanley Smith, and acquired from the former).

Invertebrata: Coelenterata

Sollas made several donations of Silurian material from Cardiff during 1878 and 1879. None of the specimens listed below have been located; they are all presumed to have been destroyed by enemy action, November 1940.

The identifications given in our register, which are presumed to correspond to those published, are as follows:

**Cyathophyllum elongatum** Phillips C 3451 [2 specimens] (p.479).

**Cyathophyllum pseudoceratites** McCoy C 3423 [3 specimens], Cb 1551 [2 specimens] (p.487).

**Cystiphyllem cylindricum** Lonsdale C 3411 [2 specimens], Ca 7975 [18 specimens] (p.484).

**Favosites fibrosus** Goldf. C 3412 [2 specimens], Cb 1548 (p.484).

**Favosites gothlandicus** L. Ca 7974 (p.484).

**Halyisites catenularis** L. Cb 1547 (p.484).

**Helioites interstinctus** Wahlenberg Ca 7983 [2 specimens], Cb 1550 (p.484).

**Petraia bina** Lonsdale C 3448 (p.479).

**Syringopora bifurcata** Lonsdale Cb 1548 (p.484).

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**Anabacia complanata** (Defrance) p.624 *Anabacia* Limestone, Bathonian; Dunkerton Colliery (Cd 654, coll. J.W. Tutcher).

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**VAUGHAN, A. 1903.** Notes on the corals and brachiopods obtained from the Avon Section and preserved in the Stoddart Collection. *Proceedings of the Bristol Naturalists’ Society*, NS 10 (2), 90-134, 2 pls.

**Alveolites septosa** Fleming p.95 *D* Zone, Carboniferous Limestone; Avon Section, Bristol (Cd 757-767).

**Alveolites etheridgei** Thompson pp.95-6 Locality unknown; ? *D* Zone, Carboniferous Limestone (Cd 769).

**Alveolites etheridgei** Thompson ("tentatively referred to ...") p.96 Locality unknown; ? *D* Zone, Carboniferous Limestone (Cd 768).

**Caninia cylindrica** var. *bristoliensis* Vaughan pp.103-4 Avon Section, Bristol; *S* Zone, Carboniferous Limestone (Cd 770-2, Cd 640).

**Amplexus coralloides** Sowerby p.105 Avon Section, Bristol; [matrix suggests it to be from the top beds of the Black Rock Quarry], *Z* Zone, Carboniferous Limestone (Cd 634).

p.105 ? Avon Section, Bristol; *Z* Zone, Carboniferous Limestone (Cd 635).

**Lithostrotion martini** Edwards & Haime p.106 Avon Section, Bristol; *S* Zone, Carboniferous Limestone (Cd 611, Cd 612).

**Lithostrotion irregularis** Phillips p.106 Avon Section, Bristol; *D* Zone, Carboniferous Limestone (Cd 621).

**Lithostrotion portlocki** Bronn p.108 Avon Section, Bristol; *D* Zone, Carboniferous Limestone (Cd 613, Cd 614).

**Lithostrotion** sp. pp.108-9 Avon Section, Bristol; *D* Zone, Carboniferous Limestone. [Probably the specimens labelled *L. aff portlocki* (Cd 615-620)].

**Cyathophyllum murchisoni** Edwards & Haime pp. 110-4 Avon Section, Bristol; *D* Zone or Zone unspecified, Carboniferous Limestone (Cd 607-610, Cd 773-8).

**Cyathophyllum regium** Phillips pp.114-5 Avon Section, Bristol; *D* Zone, Carboniferous Limestone (Cd 604-6).

**Clisiophyllum** sp. or **Cyathophyllum** sp.

p.119 Avon Section, Bristol; *D* Zone, Carboniferous Limestone (Cd 649).
Invertebrata: Coelenterata

*Lonsdaleia floriformis* Fleming
p.120 Avon Section, Bristol; D2 Zone, Carboniferous Limestone (Cd 575-578).

*Lonsdaleia aff. rugosa* McCoy
p.120 Avon Section, Bristol; D2 Zone, Carboniferous Limestone (Cd 579).


*Caninia cylindrica* (Scouler) mut X Vaughan
p.538 Carboniferous Limestone; quarry on Shipham-Cheddar road, 1 mile S.S.E. of Shipham Church (Cb 2417, donated by L.W. Bryant (Quarries) Ltd). Not located*.


We possess some material from the borehole(s), donated by T.R. Fry (acc. no. 4/1980) and Bristol University (acc. no. 132/1980), but this awaits cataloguing and incorporation in the main collection.

7. **SPECIMENS INCORRECTLY RECORDED AS BEING IN THE CITY OF BRISTOL MUSEUM & ART GALLERY**


In the explanation to pl.XV fig. 6, *Heterastrea stricklandi* (Duncan), the specimen is described as being in "Coll. Museum Bristol". The collection of the museum of the Department of Geology, University of Bristol, was intended. (Reg. no. 5365).
BRYOZOA

1. CATALOGUE OF TYPE AND FIGURED SPECIMENS

_Fistulipora aff. incrustans_ Phillips

Cd 799 figured

D2 Beds, Carboniferous Limestone; Ashton, Bristol. W.W. Stoddard Collection. Transferred (as a gift) from the Department of Geology, University of Bristol, 1956.

VAUGHAN, A. 1903. _Proceedings of the Bristol Naturalists’ Society_, NS 10, 120-121, pl.1 fig.1.

2. CITED SPECIMENS OF BRYOZOA


_Monotrypa_ sp.

p.30 Wenlock Series; Whitfield, Gloucestershire (Cc 356-364, coll. Ducie [cited Reed & Reynolds 1908a, 37 as _M. crenulata_; Reed & Reynolds 1908b, 541 as _M. crenulata_ Nich.]).


_Wenlock Series; Whitfield (Cc 370, coll. T.R. Fry)._ 


_Ptilodictya lanceolata_ (Goldfuss)

p.30 [Damery Beds, Upper Llandovery]; Damery Bridge, near Tortworth (Cc 375, Cc 376, acquisition history not known).


_Apsendesia cristata_ Lamouroux


_Stenopora fibrosa_ Goldfuss

p.37 [Lower Limestone], Wenlock Series; Rifle Cottage, Whitfield. (Cc 342, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 541]).

_Monotrypa crenulata_ Nicholson

p.37 Wenlock Series; Whitfield. (Cc 356-364, coll. Ducie [cited Reed & Reynolds 1908b, 541; Curtis 1972, 30 as _Monotrypa_ sp.]).

_Monticuliporoid_

p.40 Wenlock Series; Horseshoe Farm, Whitfield. (Cc 372, coll. S.H. Reynolds [cited Reed & Reynolds 1908b, 541]).

Invertebrata: Bryozoa

**Favositella interpunctata** Nich. & Foord
p.527, 541 Wenlock Series; Heneage Court, Falfield (Cc 426, coll. S.H. Reynolds).

**Favositella (?) sp.**
pp.516,538 [Ashy limestone, base of Tortworth Beds], Llandovery; Cullimore’s Quarry, Charfield (Cc 334, coll. S.H. Reynolds).

**Stenopora fibrosa** Goldfuss
p.541 [Lower Limestone], Wenlock Series; Rifle Cottage, Whitfield (Cc 342, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 37]).

**Monticuliporoid**
pp.541 Wenlock Series; Horseshoe Farm, Whitfield, Glos. (Cc 372, coll. S.H. Reynolds [cited Reed & Reynolds 1908a, 40]).


Sollas made several donations of Silurian material from Cardiff during 1878 and 1879. References to the specimens listed below are to be found in our registers. The specimens themselves have not been located. The identifications in our register, which we assume to correspond to those published, are as follows:

- **Diastopora consimilis**, Lonsd. Cb 1554* (p. 484).
- **Monticulipora Fletcheri**, E. & H. Cb 1549* (p. 486).


**Berenicea archiaci** (Haime)

**Stomatopora dichotoma** (Lamouroux)
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