

29 APR 1985

LIST

OF THE

TYPES AND FIGURED SPECIMENS

OF

FOSSIL CEPHALOPODA

IN THE

BRITISH MUSEUM (NATURAL HISTORY).



PRINTED BY ORDER OF THE TRUSTEES.

1898.

Price Two Shillings and Sixpence.

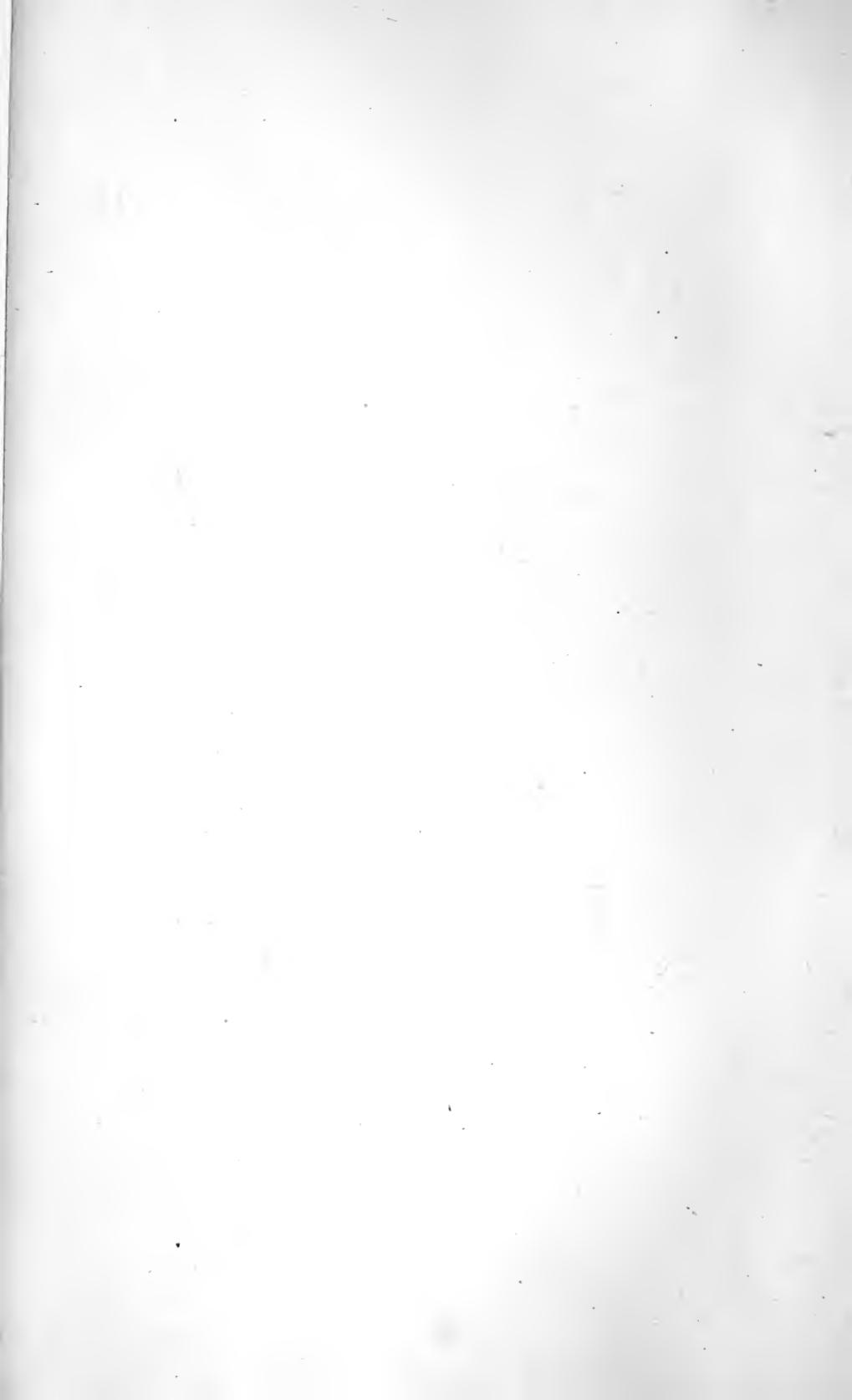
BHL

Natural History Museum Library



000140995





L

B.M.

C6.

35.

O

LIST
OF THE
TYPES AND FIGURED SPECIMENS
OF
FOSSIL CEPHALOPODA

IN THE
BRITISH MUSEUM (NATURAL HISTORY).

BY
xref. G. C. CRICK, F.G.S., &c.,
OF THE GEOLOGICAL DEPARTMENT.



LONDON :
PRINTED BY ORDER OF THE TRUSTEES.

SOLD BY

LONGMANS & CO., 39 PATERNOSTER ROW :

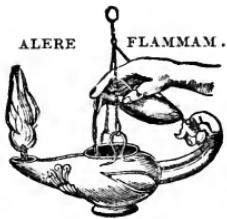
B. QUARITCH, 15 PICCADILLY; DULAU & CO., 37 SOHO SQUARE, W.;
KEGAN PAUL & CO., PATERNOSTER HOUSE, CHARING CROSS ROAD;

AND AT THE

BRITISH MUSEUM (NATURAL HISTORY), CROMWELL ROAD, S.W.

1898.

All rights reserved.



PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

P R E F A C E.

THE object of the present List is to place permanently on record all the "Types" and Figured Specimens of Fossil Cephalopoda preserved in the Geological Department of the British Museum (Natural History). It has been prepared in response to an invitation from the Committee of the British Association for the Registration of Types and figured specimens of all British fossils.

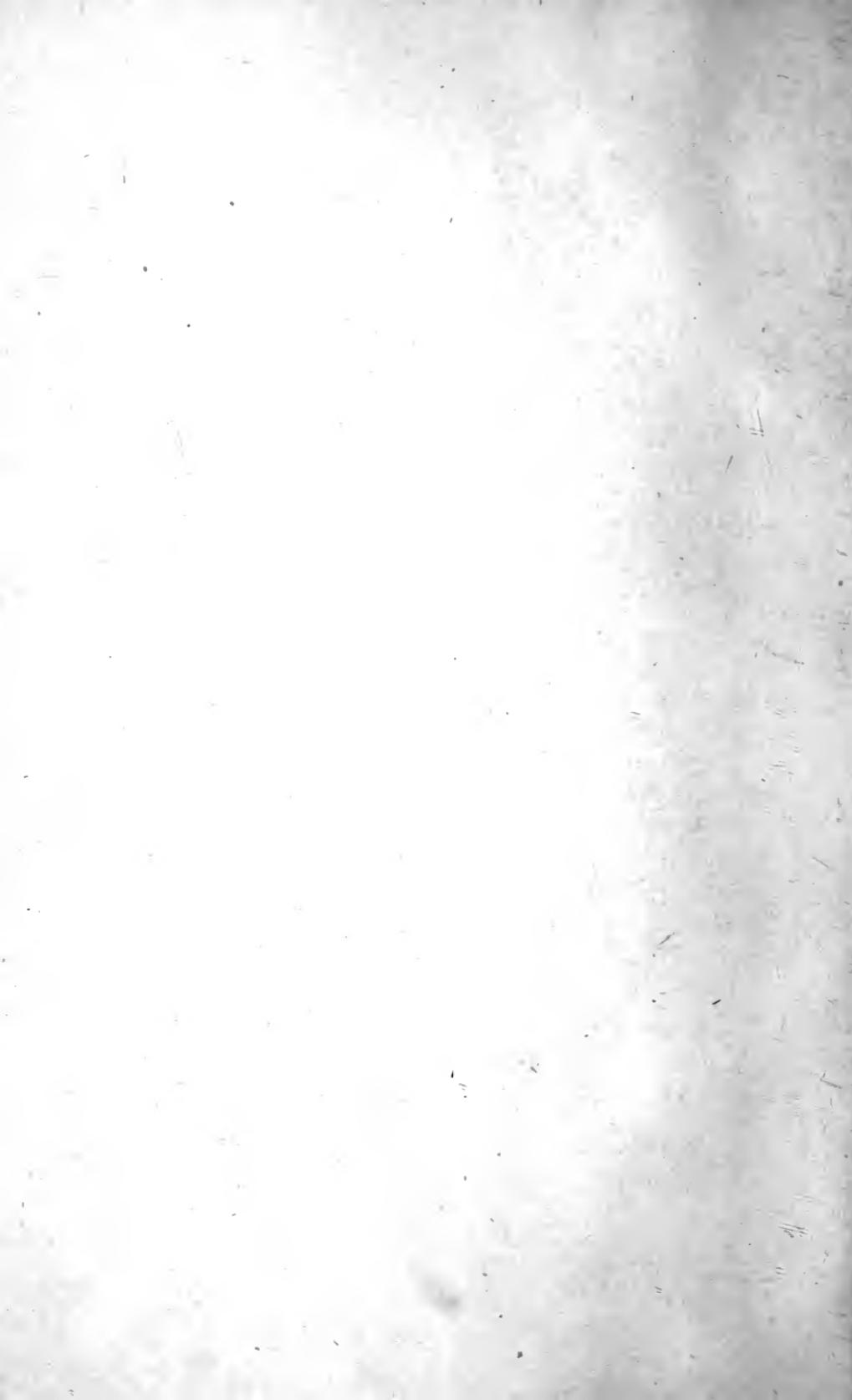
This list will be found to contain both British and Foreign types; but as the locality is given to each entry, the student desiring to ascertain the existence of British types only, will find no difficulty in eliminating the exotic ones if he desires to do so.

It is hoped that it will be possible very shortly to print similar lists of types of other groups of Invertebrata in the Museum now in course of preparation.

For the Vertebrata the student is referred to the series of Catalogues of Mammalia, Aves, Reptilia, Amphibia, and Pisces, already published by the Trustees, and also to the valuable Catalogue of British Fossil Vertebrata (1890), by A. Smith Woodward and C. D. Sherborn.

HENRY WOODWARD.

Geological Department,
British Museum (Natural History),
Cromwell Road, S.W.
23rd March, 1898.



INTRODUCTION.

THIS Catalogue contains a list of all the Types and Figured Specimens of Cephalopoda in the Collection so far as at present known. The majority are in the General Collection, but a number of the types belong to the Sowerby, William Smith, Gilbertson, and Edwards Collections.

The list also includes one or two specimens which, though not figured, have been specially referred to in literature.

Each specimen is entered under the name given to it when it was first figured or described; those names subsequently applied to any particular specimen being appended in chronological order and a cross-reference given from each.

The figures in square brackets after each entry correspond to the number of the specimen in the Register.

If the specimen is specially referred to in the text of the work quoted, this page is cited; if not, the page on which the species is described is entered. When the author's name immediately following the name of the species is placed in brackets, it refers only to the species and not to the genus.

In the main subdivisions of the Lias (Upper, Middle, and Lower), the grouping adopted by the Geological Survey of Great Britain has been used (*vide* H. B. Woodward's 'Geology of England and Wales,' 1887, p. 258). This differs somewhat from that employed by Dr. Wright.

A few specimens are included which have been wrongly referred to the Cephalopoda. An explanatory note is appended to each of these.

G. C. CRICK.

Geological Department,
British Museum (N. H.),
23rd March, 1898.

LIST OF
TYPES AND FIGURED SPECIMENS
OF
FOSSIL CEPHALOPODA
IN THE
BRITISH MUSEUM (NATURAL HISTORY).

Acanthoceras, v. Ammonites (Acanthoceras).

Acanthoteuthis speciosa, G. Münster : G. C. Crick, Geol. Mag. [4], vol. iv, p. 1, pl. i. Lower Kimeridgian (Lithographic Stone) : Eichstätt, Bavaria. [C. 5783.]

Actinoceras bigsbyi, H. G. Bronn, v. **Orthocera** sp., J. J. Bigsby.

Actinoceras bigsbyi?, H. G. Bronn : A. H. Foord, Geol. Mag. [3], vol. v, 1888, p. 489, f. 3 (i). *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 165, f. 22 (i). Ordovician : Igloolik Island, Fox Channel, Arctic America. [33452.]

Actinoceras bigsbyi?, H. G. Bronn : A. H. Foord, Geol. Mag. [3], vol. v, 1888, ff. 3(2) and 4. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 165, ff. 22 (2) & 23. Ordovician (Galena Limestone?) : Great Slave Lake, British N. America. [C. 2673.]

Actinoceras bigsbyi, H. G. Bronn : A. H. Foord, Geol. Mag. [3], vol. v, 1888, p. 487, f. 1. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 164, f. 20. Ordovician (Black River Formation) : Thessalon Island, Lake Huron. [26581.]

Actinoceras bigsbyi, H. G. Bronn : A. H. Foord, Geol. Mag. [3], vol. v, 1888, p. 487, f. 2. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 164, f. 21. Ordovician (Cincinnati Group) : Versailles, Kentucky. [25502.]

Actinoceras blakei, A. H. Foord, v. **Orthoceras (Actinoceras) cochleatum** (Schlotheim): J. F. Blake.

Actinoceras imbricatum (W. Hisinger): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 180, f. 24a. Silurian : I. of Gothland. [64541.]

Actinoceras imbricatum (W. Hisinger): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 180, f. 24b. Silurian : I. of Gothland. [C. 2031.]

Actinoceras imbricatum (W. Hisinger): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 180, f. 24c. Silurian : I. of Gothland. [C. 2711.]

Actinoceras lyonii, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 707, pl. lix, f. 1. Ordovician: Igloolik Island, Fox Channel, Arctic America. [34046.]

Actinoceras lyonii, C. Stokes : S. P. Woodward, Quart. Journ. Geol. Soc. vol. xii, 1856, p. 379, pl. vi, f. 3. Ordovician (Black River Limestone): New York State. [33462-3.] Figure appears to have been drawn from these two specimens, undoubtedly parts of the same shell.

Actinoceras richardsoni, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 708, pl. lix, ff. 2, 3. Ordovician (Galena Limestone): Lake Winnipeg, N. America. [33422.]

Actinoceras, v. also **Orthoceras (Actinoceras)**.

Aegoceras angulatum (E. F. v. Schlotheim): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xiv, ff. 5, 6; pt. iv, 1881, p. 319. Lower Lias (*angulatus*-zone): Lyme Regis, Dorset. [C. 1921.]

Aegoceras angulatum (E. F. v. Schlotheim): T. Wright, v. also **Aegoceras moreanum** (A. d'Orbigny): T. Wright.

Aegoceras bechei (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xli, ff. 1, 2; pt. v, 1882, p. 350. Lower Lias (*henleyi*-zone): Loc. (?). [C. 2210.]

Aegoceras boucaultianum (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xviii, f. 1; pt. iv, 1881, p. 327. Lower Lias (*bucklandi*-zone): Frodingham, Lincolnshire. [C. 3125.]

Aegoceras brevispina (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 362, pl. 1, ff. 13, 14. Lower Lias (*jamesoni*-zone): Robin Hood's Bay, Yorkshire. [C. 3126.]

Aegoceras catenatum (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xix, ff. 5, 6, 7; pt. iv, 1881, p. 320. Lower Lias (*planorbis*-zone): Barrow-on-Soar, Leicestershire. [C. 1875.]

Aegoceras charmassei (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xx, ff. 1, 2, 3; pt. iv, 1881, p. 323. Lower Lias (*angulatus*-zone): Lyme Regis, Dorset. [C. 1915.]

Aegoceras densinodum (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxix, ff. 8, 9; pt. v, 1882, p. 351. Lower Lias (*ibex*-zone): Loc. (?). [C. 1888.]

Aegoceras densinodum (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 350, pl. 1, ff. 11, 12. Lower Lias (*jamesoni*-zone): Loc. (?). [C. 1920.]

Aegoceras gagatum (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxvii, ff. 8, 9; pt. v, 1882, p. 364. Lower Lias (probably from *oxynotus*-zone): Robin Hood's Bay, Yorkshire. [C. 2228.]

Aegoceras henleyi (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxiii, ff. 1, 2, 3; pt. v, 1882, p. 366. Lower Lias (*henleyi*-zone): near Charmouth, Dorset. [C. 1912.]

Aegoceras heterogenum (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxvi, f. 4 (suture-line); pt. v, 1882, p. 371. Middle Lias (Marlstone): Yorkshire coast. [C. 1870.]

Aegoceras ibex (F. A. Quenstedt): T. Wright, v. **Amaltheus ibex** (F. A. Quenstedt): T. Wright.

Aegoceras intermedium (J. E. Portlock): T. Wright, v. **Ammomites intermedius**, J. E. Portlock.

Aegoceras jamesoni (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xi, ff. 4, 5, 6; pt. v, 1882, p. 354. Lower Lias (Lias γ —*jamesoni*-zone): Hechingen, Württemberg. [C. 1866.]

Aegoceras jamesoni (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 353, pl. li, ff. 1, 2. Lower Lias (*jamesoni*-zone): Mungar, Somerset. [C. 2207.]

Aegoceras jamesoni (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 354, pl. li, f. 3. Lower Lias (Lias γ —*jamesoni*-zone): Hechingen, Würtemberg. [C. 1867.]

Aegoceras jamesoni (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 353, pl. li, f. 4. Lower Lias (*jamesoni*-zone): Island of Pabba, near I. of Skye. [C. 1868.]

Aegoceras jamesoni (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 354, pl. li, ff. 5, 6. Lower Lias (*jamesoni*-zone): Loc. (?). [C. 2209.] (? the specimen here figured.)

Aegoceras laqueolus (U. Schloenbach): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xv, f. 1; pt. iv, 1881, p. 316. (Named *Aegoceras liassicum* (A. d'Orbigny) in explanation of plate.) Lower Lias (*angulatus*-zone): Frodingham, Lincolnshire. [C. 3127.]

Aegoceras laqueolus (U. Schloenbach): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xv, f. 2; pt. iv, 1881, p. 316. (Named *Aegoceras liassicum* (A. d'Orbigny) in explanation of plate.) Lower Lias (*angulatus*-zone): Harbury cutting, near Southam, Warwickshire. [C. 1878.]

Aegoceras laqueolus (U. Schloenbach): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, p. 316, pl. xv, ff. 10, 11, 12; pt. iv, 1881, p. 316. (Named *Aegoceras tortile* (A. d'Orbigny) in explanation of plate.) Lower Lias: France. [C. 2230.]

Aegoceras laqueolus (U. Schloenbach): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xvi, ff. 1, 2; pt. iv, 1881, p. 316. Lower Lias (*angulatus*-zone): Redcar, Yorkshire. [C. 2229.]

Aegoceras liassicum (A. d'Orbigny): T. Wright, v. **Aegoceras laqueolus** (U. Schloenbach): T. Wright.

Aegoceras milleri, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxvii, ff. 10, 11; pt. v, 1882, p. 344. Lower Lias (*jamesoni*-zone): Island of Pabba, near I. of Skye. [C. 1887.]

Aegoceras moreanum (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xvii, ff. 1, 2; pt. iv, 1881, p. 322. ("Considered to be a variety of *Aegoceras angulatum* and named *Aegoceras angulatum* in the explanation of Plate xvii."—Wright.) Lower Lias (*angulatus*-zone): near Charmouth, Dorset ("Lyme Regis," Wright). [C. 2227.]

Aegoceras pettos (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 364, pl. lxix, ff. 5, 6. Lower Lias (Lias γ -*jamesoni*-zone): Pliensbach, Würtemberg. [C. 1869.]

Aegoceras planicosta (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxiv, f. 1; pt. v, 1882, p. 336. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2231.]

Aegoceras planicosta (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxiv, f. 2; pt. v, 1882, p. 336. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2232.]

Aegoceras planicosta (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxiv, f. 3; pt. v, 1882, p. 335. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2233.]

Aegoceras planicosta (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxiv, f. 4; pt. v, 1882, p. 336. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2234.]

Aegoceras planicosta (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxiv, f. 5; pt. v, 1882, p. 337. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2235.]

Aegoceras portlockii, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlvi, ff. 4, 5; pt. v, 1882, p. 372. Lower Lias (*jamesoni*-zone): Carncastle, Ballygally Head, Co. Antrim. [C. 1877.]

Aegoceras sagittarium, J. F. Blake: T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 355, pl. lii, ff. 1, 2. Lower Lias (*jamesoni*-zone): Robin Hood's Bay, Yorkshire. [C. 3124.]

Aegoceras sagittarium, J. F. Blake: T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 356, pl. lii A, ff. 1, 2. Lower Lias (*jamesoni*-zone): Robin Hood's Bay, Yorkshire. [C. 1922.]

Aegoceras sagittarium, J. F. Blake : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 356, pl. lii A, ff. 3, 4. Lower Lias (*jamesoni*-zone) : Robin Hood's Bay, Yorkshire. [C. 1873.]

Aegoceras sagittarium, J. F. Blake : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 356, pl. lii A, f. 5. Lower Lias (*jamesoni*-zone) : Robin Hood's Bay, Yorkshire. [C. 1874.]

Aegoceras sagittarium, J. F. Blake : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 356, pl. lii A, f. 6. Lower Lias (*jamesoni*-zone) : Robin Hood's Bay, Yorkshire. [C. 1875.]

Aegoceras slatteri, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 374, pl. 1, ff. 1, 2, 3, 8. Lower Lias (? *oxynotus*-zone) : Drake's Broughton, near Pershore, Worcestershire. [C. 6091.]

Aegoceras slatteri, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 374, pl. 1, f. 4. Lower Lias (? *oxynotus*-zone) : Drake's Broughton, near Pershore, Worcestershire. [C. 6092.]

Aegoceras slatteri, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 374, pl. 1, f. 5. Lower Lias (? *oxynotus*-zone) : Drake's Broughton, near Pershore, Worcestershire. [C. 6093.]

Aegoceras slatteri, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 374, pl. 1, ff. 6, 7. Lower Lias (? *oxynotus*-zone) : Drake's Broughton, near Pershore, Worcestershire. [C. 6094.]

Aegoceras striatum (J. C. M. Reinecke) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlii, ff. 1, 3; pt. v, 1882, p. 378. Lower Lias (*henleyi*-zone) : Loc. (?). [C. 1899.]

Aegoceras striatum (J. C. M. Reinecke) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlii, ff. 2, 4; pt. v, 1882, p. 378. Lower Lias (*henleyi*-zone) : Loc. (?). [C. 2211.]

Aegoceras submuticum (A. Oppel) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxvii, ff. 1, 2; pt. v, 1882, p. 338. Lower Lias (*armatus*-zone) : Lyme Regis, Dorset. [C. 2212.]

Aegoceras taylori (J. de C. Sowerby) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxi, f. 5; pt. v, 1882, p. 349. Lower Lias (*jamesoni*-zone) : Lyme Regis, Dorset. [C. 2213.]

Aegoceras tortile (A. d'Orbigny) : T. Wright, v. **Aegoceras laqueolus** (U. Schloenbach) : T. Wright.

Aegoceras valdani (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxviii, f. 3; pt. v, 1882, p. 358. Lower Lias (*ibex*-zone) : Loc. (?). [C. 1871.]

Aegoceras valdani (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 359, pl. lxix, ff. 2, 3, 4. Lower Lias (*ibex*-zone) : Würtemberg. [C. 1872.]

Agoniatites bohemicus (J. Barrande) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 34, ff. 5 e, f. Lower Devonian (Étage F) : Hlubočep, Bohemia. [70976 a.]

Agoniatites vanuxemi (J. Hall) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 58, f. 22. Middle Devonian (Marcellus Shale, Hamilton Group) : New York State. [34909.]

Agoniatites verna-rhenanus (F. Maurer) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 286, f. 141 (suture-line). Lower Devonian (Orthoceras-Schiefer) : Olkenbach, N.E. of Wittlich, Rhenish Prussia. [C. 5936.]

Aipoceras, v. Gyroceras (Aipoceras).

Amaltheus greenoughi (J. Sowerby) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xliv; pt. v, 1882, p. 384. Lower Lias (? zone) : Somerset. [82363.] "The figured specimen has no locality attached to it, but the rock appears to resemble the Lias of Lyme."—Wright.

Amaltheus guibalianus (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlv, ff. 1, 2; pt. v, 1882, p. 386. Lower Lias (*oxynotus*-zone) : Loc. (?). [C. 2224.]

Amaltheus guibalianus (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlv, f. 4; pt. v, 1882, p. 386. Lower Lias (*oxynotus*-zone) : Leckhampton, Gloucestershire. [C. 1882.]

Amaltheus guibalianus (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlv, ff. 6, 7; pt. v, 1882, p. 385. Lower Lias (*oxynotus*-zone) : Loc. (?). [C. 1895.] From the "Wright coll." but some doubt about its being the figured specimen. It is slightly larger than Wright's figure and does not show the inner whorls.

Amaltheus ibex (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxix, f. 4 (named *Aegoceras ibex* in the explanation of plate); pt. v, 1882, p. 395. Lower Lias (*ibex*-zone): Leckhampton, Gloucestershire. [C. 1897.]

Amaltheus ibex (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxxix, f. 5 (enlarged and in the explanation of plate named *Aegoceras ibex*); pt. v, 1882, p. 395. Lower Lias (*ibex*-zone): Coltham Lane Brick-fields, Cheltenham. [C. 1896.]

Amaltheus lymensis, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlvi, ff. 1, 2; pt. v, 1882, p. 391; Lower Lias (*oxynotus*-zone): Black Ven, Charmouth, Dorset. [C. 2225.]

Amaltheus lymensis, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlvi, ff. 1, 2; pt. v, 1882, p. 391. Lower Lias (*oxynotus*-zone): Lyme Regis, Dorset. [C. 2226.]

Amaltheus margaritatus (P. D. de Montfort): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 398, pl. liii, f. 1. Middle Lias (*margaritatus*-zone): Loc. (?). [C. 2215.]

Amaltheus margaritatus (P. D. de Montfort): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 397, pl. lvi, f. 6. Middle Lias (*margaritatus*-zone): near Reutlingen, Würtemberg. [C. 1864.]

Amaltheus margaritatus (P. D. de Montfort): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. 398, pl. lvi, f. 15. Middle Lias (*margaritatus*-zone): Loc. (?). [C. 1865.]

Amaltheus oxynotus (F. A. Quenstedt): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlvi, ff. 4-6; pt. v, 1882, p. 387. Lower Lias (*oxynotus*-zone): Loc. (?). [C. 1894.]

Amaltheus spinatus (J. G. Bruguière): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lvi, ff. 1-3; pt. vi, 1883, p. 403. Middle Lias (*spinatus*-zone): Loc. (?). [C. 2214.]

Amaltheus wiltshirei, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iv, 1881, pl. xlvi, f. 3; pt. v, 1882, p. 393. Lower Lias (*henleyi*-zone): Golden Cap, near Charmouth, Dorset. Wrongly referred by Wright in his explanation of pl. xlvi to the *oxynotus*-zone.

Ammonites acucinctus (R. Strachey): H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 87, pl. xviii, ff. 2 *a*, *b*. Jurassic: Niti Pass, Himalaya. [C. 5035.] Figure reversed and much restored.

Ammonites? acuto-costatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 121, pl. vi, f. 13. Trias: St. Cassian. [35970 *a*.] Klipstein does not indicate that his figure is enlarged, but the specimen is only 9·75 mm. long.

Ammonites acutus, J. Sowerby, Min. Conch. vol. i, p. 51, 1813, pl. xvii, f. 1. "Cast in blackish Pyrites": near Minster, Isle of Sheppey. [43979.]

Ammonites angulatus, J. Sowerby, Min. Conch. vol. ii, p. 9, 1815, pl. cvii, f. 1 (reversed). Upper Lias: Whitby, Yorkshire. [43896.]

Ammonites annulatus, J. Sowerby, Min. Conch. vol. iii, p. 41, 1819, pl. ccxxii, ff. 3-4 & 5 (two specimens). Upper Lias: Ilminster, Somerset. [43894.]

Ammonites annulatus, J. Sowerby, Min. Conch. vol. iii, p. 41, 1819, pl. ccxxii, f. 2. Upper Lias: Whitby, Yorkshire. [43894.]

Ammonites aon, G. Münster: J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 62, pl. vii. ff. 6 *a-e*. Trias: Rajahoti, Himalaya. [C. 4850.]

Ammonites armato-cingulatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 128, pl. vii, ff. 10 *a*, *b*. Trias: St. Cassian. [35963 *a*.]

Ammonites armatus?, J. Sowerby: W. Smith, Strata identified by organized Fossils, 1816, p. 22, pl. xii, f. 4 (reversed). Oxford Clay: Thames and Severn Canal, Siddington. [C. 636.]

Ammonites athleta, J. Phillips: R. Damon, Geol. Weymouth, Suppl. 1880, pl. xviii, f. 7. Oxford Clay: Loc. (?). [C. 3315.]

Ammonites athletus, J. Phillips: R. Damon, Geol. Weymouth, Suppl. 1860, pl. i, ff. 4, 4 *a*. Oxford Clay: Weymouth. [C. 3295.]

Ammonites auritus, J. Sowerby, Min. Conch. vol. ii, p. 75, 1816, pl. cxxxiv. "Micaceous sand": Devizes Canal. [43932.]

Ammonites ausseeanus?, F. v. Hauer : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 65, pl. vii, ff. 2 *a-e*. Upper Trias : Raj-hoti, Himalaya. [C. 4855 *a*.]

Ammonites austeni, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. ii, 1854, p. 28, pl. xii, ff. 1 *a, b* (reversed). Grey Chalk : Guildford, Surrey. [C. 3382.]

Ammonites bakeriæ, J. de C. Sowerby, Min. Conch. vol. vi, p. 134, pl. dlxx, f. 1. 1827. Drift : Braunston, Northamptonshire. [19515.]

Ammonites banksii, J. Sowerby, Min. Conch. vol. ii, p. 229, 1818, pl. cc. Inferior Oolite : W. of England. [43910.]

Ammonites batteni, R. Strachey, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, pl. xi, ff. 2 *a-c*. Trias : Niti Pass, Himalaya. [C. 4867.] These figures are named on the Plate "*Am. Batteni*," but the species appears not to be referred to in the text.

Ammonites bidenticulatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 116, pl. v, ff. 7 *a, b*. Trias : St. Cassian. [35991 *a*.] Tablet with 7 specimens labelled in Klipstein's handwriting "*Ammonites bidenticulatus*, nob. : St. Cassian. V. 7." The specimen 35991 *a*, although a little larger than Klipstein indicates, is probably the type.

Ammonites binus, J. Sowerby, Min. Conch. vol. i, p. 208, 1815, pl. xcii, f. 3. Gault : Bramerton, Norfolk. [43956.]

Ammonites biplex, J. Sowerby, Min. Conch. vol. iii, p. 168, 1821, pl. cxciii, f. 1 (reversed). Drift (*ex Kimeridge Clay*) : Suffolk. [43898 *a*.]

Ammonites biplex, J. Sowerby, Min. Conch. vol. iii, p. 168, 1821, pl. cxciii, f. 2. Drift (*ex Kimeridge Clay*) : Barrow, Suffolk. [43898 *b*.]

Ammonites biplex, J. Sowerby : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 79, pl. xi, f. 1 *a*. Jurassic : Niti Pass, Himalaya. [C. 5033.]

Ammonites biplicatus, G. A. Mantell, Foss. S. Downs, 1822, p. 91, pl. xxii, f. 6. Gault : Folkestone. [9024.] Some of the matrix removed since specimen was drawn.

Ammonites birchi, J. Sowerby, Min. Conch. vol. iii, p. 122, 1820.
Lias : Craymouth. [43923.] Specimen not figured.

Ammonites blagdeni, J. Sowerby, Min. Conch. vol. ii, p. 231, 1818,
pl. cci. Lower Oolite : Loc. (?). [43908.]

Ammonites ? bouei, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen
Alpen, 1843, p. 123, pl. vii, ff. 4 a, b. Trias : St. Cassian. [35980.]

Ammonites braikenridgii, J. Sowerby, Min. Conch. vol. ii, p. 187,
1817, pl. clxxxiv, lower fig. Inferior Oolite : [? Bayeux, Nor-
maundy]. [43903.]

Ammonites braikenridgii, J. Sowerby : J. Morris & J. Lycett, Moll.
Gt. Oolite (Mon. Pal. Soc.), pt. i, 1850, p. 111, pl. xiv, f. 1. Great
Oolite : near Scarborough, Yorkshire. [46553.]

Ammonites brevispina, J. de C. Sowerby, Min. Conch. vol. vi, p. 106,
1827, pl. dlvi, f. 2 (numbered 1 on plate). Lias : Island of Pabba,
Inverness, Scotland. [43915.]

Ammonites brocchii, J. Sowerby, Min. Conch. vol. ii, p. 233, 1818,
pl. ccii, larger fig. Inferior Oolite : W. of England. [43906 a.]

Ammonites brocchii, J. Sowerby, Min. Conch. vol. ii, p. 233, 1818,
pl. ccii, smaller fig. Inferior Oolite : Dundry, Somerset. [43906 b.]

Ammonites brodiei, J. Sowerby, Min. Conch. vol. iv, p. 71, 1822,
pl. cccli (reversed). Inferior Oolite : "Isle of Portland?" [43905.]

Ammonites browni, J. Sowerby, Min. Conch. vol. iii, p. 114, 1820,
pl. cclxiii, ff. 4 & 5. Inferior Oolite : Dundry, Somerset. [43966.]

Ammonites bunburianus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal.
Soc.), pt. i, 1853, p. 25, pl. ix, ff. 3 a, b, c. "Chalk with siliceous
grains" : Chardstock, Somerset. [50155.]

Ammonites callisto, A. d'Orbigny : R. Damon, Geol. Weymouth,
Suppl. 1888, pl. xiii, f. 2. Kimeridge Clay : Weymouth. [C. 3299.]

Ammonites calloviensis, J. Sowerby, Min. Conch. vol. ii, p. 3, 1815,
pl. civ, ff. 1, 2, & 3 ; three specimens. Kellaways Rock : Kellaways,
Wilts. [43924.]

Ammonites catillus, J. de C. Sowerby, Min. Conch. vol. vi, p. 123, 1827, pl. dlxiv, f. 2 (reduced). Greensand: Nursted, near Petersfield. [43893.]

Ammonites catinus, G. A. Mantell, Foss. S. Downs, 1822, p. 198, pl. xxii, f. 10. Lower Chalk: near Lewes, Sussex. [C. 3379.]

Ammonites catinus, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. ii, 1854, p. 29, pl. xiii, ff. 1 *a*, *b*. Grey Chalk: near Devizes, Wiltshire. [88583.]

Ammonites cinctus, G. A. Mantell, Foss. S. Downs, 1822, p. 116 (described but not figured). *Id.*: J. de C. Sowerby, Min. Conch. vol. vi, p. 122, pl. dlxiv, f. 1, 1827. *Id.*: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 25, pl. ix, ff. 2 *a*, *b*. Chalk Marl ["Grey Chalk"—*Sharpe*]: Middleham, Sussex. [5702.]

Ammonites? cingulatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 125, pl. vii, ff. 6 *a*, *b* slightly enlarged. Trias: St. Cassian. [36001.]

Ammonites communis, J. Sowerby, Min. Conch. vol. ii, p. 10, 1815, pl. cvii, ff. 2 & 3 (two specimens). Upper Lias: Whitby, Yorkshire. [43895 *a*, *b*.]

Ammonites complanatus, G. A. Mantell, Foss. S. Downs, 1822, p. 118 (described but not figured). *Id.*: J. de C. Sowerby, Min. Conch. vol. vi, p. 122, 1827, pl. dlxix, f. 1. *Id.*: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 19, pl. vii, ff. 1 *a*, *b*. Chalk Marl ["Grey Chalk"—*Sharpe*]: Hamsey, Sussex. [5683.]

Ammonites complanatus, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 20, pl. vii, f. 2. Chalk Marl: Hamsey, Sussex. [5733.]

Ammonites concavus, J. Sowerby, Min. Conch. vol. i, p. 214, 1815, pl. xciv, lower figure. *Lioceras concavum* (J. Sowerby): S. S. Buckman, Inf. Oo. Amm. (Mon. Pal. Soc.), pt. i, 1887, p. 94, pl. ii, ff. 6, 7. Inf. Oolite: between Ilminster and Yeovil, Scmerset. [43944.]

Ammonites constrictus, J. Sowerby, Min. Conch. vol. ii, p. 189, 1817, pl. [clxxxiv] *a*, f. 1. Chalk: St. Colombe, Normandy. [43988.]

Ammonites conybeari, J. Sowerby, Min. Conch. vol. ii, p. 70, 1816, pl. cxxxii. Lias: near Bath. [43971.]

Ammonites cordatus, J. Sowerby, Min. Conch. vol. i, p. 51, 1813, pl. xvii, f. 2. Corallian: Shotover, near Oxford. [43980 a.]

Ammonites cordatus, J. Sowerby, Min. Conch. vol. i, p. 51, 1813, pl. xvii, f. 4 (reversed). Corallian: Axminster, Devon. [43980 b.]

Ammonites corrugatus, J. de C. Sowerby, Min. Conch. vol. v, p. 74, 1824, pl. ccccli, f. 3 (reversed). Inferior Oolite: Dundry, Somerset. [43951.]

Ammonites coupei, A. Brongniart: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 24, pl. ix, ff. 1 a, b. Grey Chalk: near Devizes, Wiltshire. [88585.]

Ammonites credneri, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 119, pl. vi, f. 10. Trias: St. Cassian. [35957.]

Ammonites cristatus, J. de C. Sowerby, Min. Conch. vol. v, p. 24, 1823, pl. cccxxi, f. 3 (reversed). Oxford Clay: near Weymouth. [43385.]

Ammonites cunningtoni, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. ii, 1854, p. 34, pl. xv, ff. 2 a, b, c. Grey Chalk: Upton Scudamore, near Warminster. [88704.]

Ammonites curvatus, G. A. Mantell, Foss. S. Downs, 1822, p. 118, pl. xxi, f. 18. *Id.*: J. de C. Sowerby, Min. Conch. vol. vi, p. 154, 1827, pl. dlxxix, f. 2. Chalk Marl: Hamsey, Sussex. [5739.]

Ammonites dechenii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 118, pl. vi, ff. 6 a, b, c. Trias: St. Cassian. [33968.]

Ammonites decipiens, J. Sowerby, Min. Conch. vol. iii, p. 169, 1821, pl. ccxciv (reversed). Drift (*ex* Kimeridge Clay): Highgate Hill, Middlesex. [43901.] If the original, the lower fig. has been much restored.

Ammonites denarius, J. de C. Sowerby, Min. Conch. vol. vi, p. 78, 1826, pl. dxl, f. 1. Greensand: Blackdown, Dorset. [43928.]

Ammonites dentatus, J. Sowerby, Min. Conch. vol. iv, p. 3, 1821, pl. cccviii, upper, lower & right-hand figs. (reversed; three specimens). Gault: Folkestone. [43927 a, b, c.]

Ammonites deverianus, A. d'Orbigny: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 43, pl. xix, ff. 5 a, b. Grey Chalk: Sussex. [34549.]

Ammonites diffissus?, F. v. Hauer: J. W. Salter, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 64, pl. vii, f. 1. Upper Trias: Raj-hoti, Himalaya. [C. 4845 a.]

Ammonites diffissus, F. v. Hauer: J. W. Salter, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 64, pl. vii, ff. 3 a-d. Upper Trias: Niti Pass, Himalaya. [C. 4844 a.]

Ammonites discus, J. Sowerby, Min. Conch. vol. i, p. 37, 1813, pl. xii. Cornbrash: Bedford. [43942.]

Ammonites discus, J. Sowerby: W. Smith, Strata identified by organized Fossils, 1816, p. 26, pl. xiv, f. 2. Cornbrash: S.W. of Wincanton. [C. 649.]

Ammonites duncani, J. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1880, pl. xviii, f. 2. Oxford Clay: ? Weymouth. [C. 3311.]

Ammonites ellipticus, J. Sowerby, Min. Conch. vol. i, p. 209, 1815, pl. xcii, f. 4. Lias: Charmouth, Dorset. [43957.]

Ammonites erugatus, W. Bean MS.: J. Phillips, Geol. Yorkshire, vol. i, 1835, p. 168, pl. xiii, f. 13. Lower Lias: near Whitby. [37982.] Marked as the figured example, but there is some doubt about it.

Ammonites eudoxus, A. d'Orbigny: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiii, ff. 1, 1 a. Kimeridge Clay: Weymouth. [C. 3298.]

Ammonites eudoxus, A. d'Orbigny: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiv, f. 1. Kimeridge Clay: Weymouth. [C. 3302.]

Ammonites euomphalus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. ii, 1854, p. 31, pl. xiii, ff. 4 a, b, c (reversed). Lower Chalk: "Man of War Cove, Dorsetshire"—Sharpe. [50158.]

Ammonites excavatus, J. Sowerby, Min. Conch. vol. ii, p. 5, 1815,
pl. cv. Corallian : Shotover, near Oxford. [43976.]

Ammonites falcatus, G. A. Mantell, Foss. S. Downs, 1822, p. 117,
pl. xxi, f. 6. *Id.* : J. de C. Sowerby, Min. Conch. vol. vi, p. 153,
1827, pl. dlxxix, f. 1 (upper figure). Chalk Marl : Middleham,
Sussex. [5737.] Matrix has been reduced since the specimen was
drawn.

Ammonites falcatus, G. A. Mantell, Foss. S. Downs, 1822, p. 117,
pl. xxi, f. 12. *Id.* : J. de C. Sowerby, Min. Conch. vol. vi, p. 153,
1827, pl. dlxxix, f. 1 (lower figure). Chalk Marl : Stoneham,
Sussex. [33546.]

Ammonites falcatus, G. A. Mantell ; D. Sharpe, Foss. Moll. Chalk
(Mon. Pal. Soc.), pt. i, 1853, p. 21, pl. vii, ff. 6 *a*, *b*. "Chloritic
Marl : Gore Cliff, I. of W."—*Sharpe*. [50289.]

Ammonites falcatus, G. A. Mantell : D. Sharpe, Foss. Moll. Chalk
(Mon. Pal. Soc.), pt. i, 1853, p. 22, pl. vii, ff. 8 *a*, *b*. Chloritic Marl :
Bonchurch, I. of Wight. [50284.]

Ammonites falcifer, J. Sowerby, Min. Conch. vol. iii, p. 99, 1820,
pl. cccliv, f. 2 (reversed). Upper Lias : Ilminster, Somerset.
[43946.]

Ammonites fibulatus, J. de C. Sowerby, Min. Conch. vol. iv, p. 147,
1823, pl. ccccvii, f. 2. Upper Lias : Whitby, Yorkshire. [43911.]
? The figured specimen.

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F.
Blanford, Palæont. Niti, 1865, p. 61, pl. vi, ff. 1 *a-c*. Trias : Raj-
hoti, Himalaya. [C. 4846 *a*.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F.
Blanford, Palæont. Niti, 1865, p. 61, pl. viii, f. 1 *a*. Trias : Raj-
hoti, Himalaya. [C. 4848 *a*.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter and
H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, f. 1 *b*. *Hungarites*
nitiensis, E. v. Mojsisovics, Denkschr. d. k. Akad. Wissensch. Wien,
math.-naturw. Cl., vol. lxiii, 1896, p. 669, f. 2 (p. 670). Upper
Trias ("Karnische Stufe"—*Mojs.*) : Raj-hoti, Himalaya. [C. 4848 *b*.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, f. 1 c. *Hungarites nitiensis*, E. v. Mojsisovics, Denkschr. d. k. Akad. Wissensch., Wien, math.-naturw. Cl., vol. lxiii, 1896, p. 669, f. 3 (p. 670). Upper Trias ("Karnische Stufe"—Mojs.) : Raj-hoti, Himalaya. [C. 4848 c.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, f. 3 a, (? b). *Arpadites stracheyi*, E. v. Mojsisovics, Denkschr. d. k. Akad. Wissensch., Wien, math.-naturw. Cl., vol. lxiii, 1896, p. 621, fig. Upper Trias ("Karnische Stufe"—Mojs.) : Raj-hoti, Himalaya. [C. 4847 a.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, f. 3 c. Trias : Raj-hoti, Himalaya. [C. 4847 b.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, ff. 3 e-g. Trias : Raj-hoti, Himalaya. [C. 4847 c.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, ff. 4 a, d. Trias : Himalaya. [C. 4849 a.]

Ammonites floridus, X. Wülfen : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 61, pl. viii, ff. 4 b, c. Trias : Himalaya. [C. 4849 b.]

Ammonites fontinalis, W. H. Hudleston, Geol. Mag. [3] vol. vii, 1890, p. 241, pl. ix, ff. 1 a, b. 'Cretaceo-Jurassic' : Primrose Springs, north of Lake Eyre, S. Australia. [C. 5306.]

Ammonites gaytani, A. v. Klipstein : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 65, pl. vii, f. 7. Trias : Gunesunga, Himalaya. [C. 4859.]

Ammonites gaytani, A. v. Klipstein : J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 65, pl. vii, f. 8 a. Trias : Raj-hoti, Himalaya. [C. 4858 a.]

Ammonites gemmatus, J. Phillips : R. Damon, Geol. Weymouth, Suppl. 1888, pl. xviii, f. 6 (reversed). Oxford Clay : Weymouth. [C. 3814.]

[**Ammonites giganteus**,] "original shell replaced by silex, and showing the foliated septa and the position of the siphuncle," J. Sowerby, British Mineral. vol. iv, p. 14, 1809, pl. ccex; referred to in Min. Conch. vol. ii, p. 55, 1816. Portland Oolite: Fonthill, Wilts. [43897.]

Ammonites glabellus, J. Leckenby, Quart. Journ. Geol. Soc. vol. xv, 1859, p. 12, pl. ii, ff. 5 *a*, *b*, *c*. Kellaways Rock: Scarborough. [39562.]

Ammonites goldfussi, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 116, pl. vi, ff. 4 *a*–*c*. Trias: St. Cassian. [35982 *a*.] Of the four specimens labelled in Klipstein's handwriting "*Ammonites goldfussi*, nob.: St. Cassian vi, 4," that marked 35982 *a* agrees most closely with Klipstein's figure.

Ammonites goodhalli, J. Sowerby, Min. Conch. vol. iii, p. 100, 1820, pl. cclv (reversed). Greensand: Blackdown, Dorset. [43949.]

Ammonites goupilianus, A. d'Orbigny: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 38, pl. xvii, ff. 5 *a*, *b*. Chalk Marl ["Grey Chalk"—Sharpe]: Hamsey, Sussex. [33550.]

Ammonites gowerianus, J. de C. Sowerby, Min. Conch. vol. vi, p. 94, 1827, pl. dxlix, f. 2. Jurassic: Brora, Sutherland. [43917.]

Ammonites? granulosostriatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 126, pl. vii, ff. 8 *a*, *b*, *c*. Trias: St. Cassian. [35952.]

Ammonites griffithi, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 86, pl. xx, ff. 1 *a*, *b*, *c* (reversed and reduced). Jurassic: Niti Pass, Himalaya. [C. 5038.]

Ammonites gulielmii, J. Sowerby, Min. Conch. vol. iv, p. 5, 1821, pl. ccxi (reversed). Oxford Clay: Loc. (?). [43939.]

Ammonites herveyi, J. Sowerby, Min. Conch. vol. ii, p. 215, 1818, pl. cxcv, lower fig. Lower Oolite: Bradford, Wilts. [43883.]

Ammonites heterophyllus, J. Sowerby, Min. Conch. vol. iii, p. 119, 1820, pl. cclxvi (reversed). Upper Lias: Whitby. [43879.]

Ammonites hippocastanum, J. de C. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 37, pl. xvii, f. 2. Lower Chalk: "Man of War Cove, Dorsetshire"—Sharpe. [50162.]

Ammonites hippocastanum, J. de C. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 37, pl. xvii, ff. 3 a, b. Lower Chalk: Man of War Cove, Dorset ("Chardstock, Somerset"—Sharpe). [50160 b.]

Ammonites hippocastanum, J. de C. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 37, pl. xvii, ff. 4 a, b, c. Lower Chalk: Man of War Cove, Dorset ("Chardstock, Somerset"—Sharpe). [50160 a.]

Ammonites hookeri, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 83, pl. xvii, f. 1 a (reversed). Jurassic: Niti Pass, Himalaya. [C. 5048.]

Ammonites hookeri, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 83, pl. xix, ff. 1 a, b, c (reversed). Jurassic: Niti Pass, Himalaya. [C. 5049.]

Ammonites humboldtii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 112, pl. v. f. 5. Trias: St. Cassian. [35958.]

Ammonites humphriesianus, J. de C. Sowerby, Min. Conch. vol. v, p. 161, 1825, pl. d, f. 1; two specimens. Inferior Oolite: Sherborne. [43908 a, b.]

Ammonites intermedius, J. E. Portlock, Geol. Londonderry, 1843, p. 137, f. 17. *Aegoceras intermedium* (J. E. Portlock): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xv, ff. 5, 6; pt. iv, 1881, p. 314. Lower Lias (*angulatus*-zone): Ballintoy, Ireland. [C. 2236.]

Ammonites jasoni [**jason**], J. C. M. Reinecke; G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, pl. xiii, f. 4, expl. of plate. Oxford Clay: Trowbridge, Wiltshire. [32535.]

Ammonites jubar, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 82, pl. xxi, f. 1 a. Jurassic: Niti Pass, Himalaya. [C. 5044.] Natural mould; guttapercha impression figured.

Ammonites jubar, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 82, pl. xxi, f. 1 b. Jurassic: Himalaya. [C. 5030.]

Ammonites jugosus, J. Sowerby, Min. Conch. vol. i, p. 207, 1815, pl. xcii, f. 1. *Haugia variabilis* (A. d'Orbigny): S. S. Buckman, Inf. Oo. Amm. (Mon. Pal. Soc.), pt. iii, 1889, p. 146, pl. xxiii, ff. 11, 12, 13. Inf. Oolite: White Lackington Park, near Ilminster, Somerset. [43934.]

Ammonites koenigi, J. Sowerby, Min. Conch. vol. iii, p. 113, 1820, pl. cclxiii, ff. 1 & 2 (reversed; two specimens). Kellaways Rock: Kellaways, Wilts. [43891 a, b.]

Ammonites koenigi, J. Sowerby, Min. Conch. vol. iii, p. 113, 1820, pl. cclxiii, f. 3. Kellaways Rock: Charmouth, Dorset. [43891 c.]

Ammonites laeviusculus, J. de C. Sowerby, Min. Conch. vol. v, p. 73, 1824, pl. ccccli, ff. 1 & 2; two specimens. Inferior Oolite: Dundry, Somerset. [43950 a, b.]

Ammonites lamberti, J. Sowerby, Min. Conch. vol. iii, p. 73, 1819, pl. ccxlvi, f. 1. Oxford Clay: Dorset. [43588.]

Ammonites ? larva, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 127, pl. vii, ff. 9 a, b, c. Trias: St. Cassian. [33695.] The specimen only exhibits three nodes as shown in figs. 9 b, c, not four as indicated in 9 a.

Ammonites latæcosta, J. de C. Sowerby, Min. Conch. vol. vi, p. 106, 1827, pl. dlvi, f. 1 (numbered 2 on plate). Lias: Loc. (?). [43916.]

Ammonites latilabiatus, H. G. Bronn: A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 119, pl. vi, f. 8 (slightly enlarged). Trias: St. Cassian. [35954 b.] This specimen was mounted with the type of "*Ammonites quadrilabiatus*" with Klipstein's original label "*Am. quadrilabiatus*, Bronn, vi. 3."

Ammonites laetus, J. Parkinson: J. Sowerby, Min. Conch. vol. iv, p. 3, 1821, pl. cccix, ff. 3, 4 & 5 (two specimens). Gault: Folkestone. [43929 a, b.]

Ammonites lewesiensis, G. A. Mantell, Foss. S. Downs, 1822, p. 199, pl. xxii, f. 2. Lower Chalk: near Lewes, Sussex. [C. 3378.]

Ammonites lewesiensis, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 46, pl. xxi, ff. 1 a, b, c. Grey Chalk: near Dover. [36832.]

Ammonites listeri (W. Martin): J. de C. Sowerby, Min. Conch. vol. v, p. 163, 1825, pl. di, f. 1 (two specimens). Coal-Measures: north of Halifax, Yorkshire. [43909 *a, b.*]

Ammonites longispinus, J. de C. Sowerby, Min. Conch. vol. v, p. 164, 1825, pl. di, f. 2. Oxford Clay: near Weymouth. [43920.]

Ammonites longispinus, J. de C. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiv, f. 2. Kimeridge Clay: Weymouth. [C. 3303.]

Ammonites loscombi, J. Sowerby, Min. Conch. vol. ii, p. 185, pl. clxxxiii. 1817, Lower Lias: Lyme Regis, Dorset. [33425.]

Ammonites luidii, W. Martin, v. **Conchyliolithus N. Ammonites (luidii)**, &c.

Ammonites mantelli, J. Sowerby, Min. Conch. vol. i, p. 119, 1814, pl. lv, lower fig. (reversed). Chalk Marl: Ringmer, Sussex. [43940.]

Ammonites mantelli, J. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 40, pl. xviii, ff. 4 *a, b.* "Grey Chalk" (Sharpe): Bonchurch, I. of Wight. [50288.]

Ammonites mantelli, J. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 40, pl. xviii, ff. 6 *a, b.* Chloritic Marl: I. of Wight. [50285.]

Ammonites mantelli, J. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 40, pl. xviii, ff. 7 *a, b, c.* Chloritic Marl: "Bonchurch, I. of Wight" (Sharpe). [50161.]

Ammonites mantelli, J. Sowerby, var. **costata**, G. A. Mantell, Foss. S. Downs, 1822, p. 113, pl. xxi, f. 9. Chalk Marl: Hamsey, Sussex. [C. 5028.]

Ammonites mantelli, J. Sowerby, var. **costata**, G. A. Mantell, Foss. S. Downs, 1822, p. 114, pl. xxii, f. 1. Chalk Marl: Sussex. [5694.]

Ammonites mariae, A. d'Orbigny: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xviii, f. 3. Oxford Clay: Weymouth. [C. 3312.]

Ammonites maximiliani-leuchtenbergensis, A. v. Klipstein, Beitr. zur geol. östlichen Alpen, 1843, p. 114, pl. vi, ff. 1 *a, b, c.* Trias: St. Cassian. [35947 *a.*]

Ammonites medea, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 84, pl. xix, ff. 5 a, b (reversed). Jurassic: Niti Pass, Himalaya. [C. 5047.]

Ammonites milletianus, A. d'Orbigny: F. Dixon, Geol. Sussex, 1850, p. 359, pl. xxix, f. 15. Chalk Marl: Sussex. [33630.]

Ammonites ? mirabilis, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 108, pl. v, f. 2. Trias: St. Cassian. [35964 a.]

Ammonites multilobatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 129, pl. ix, ff. 1 a, b, c. Trias: St. Cassian. [35953 a.] The specimen is somewhat larger than Klipstein indicates.

Ammonites multicostata, J. de C. Sowerby, Min. Conch. vol. v, p. 76, 1824, pl. cccliv (reduced and reversed). Lower Lias: near Bath, Somerset. [44464.]

Ammonites murchisonæ, J. de C. Sowerby, Min. Conch. vol. vi, p. 95, 1827, pl. dl. *Ludwigia murchisonæ* (J. de C. Sowerby): S. S. Buckman, Inf. Oo. Amm. (Mon. Pal. Soc.), pt. i, 1887, p. 17, pl. ii, ff. 1, 2. Jurassic: Holme, near Portree, I. of Skye. [43948.]

Ammonites mutabilis, J. de C. Sowerby, Min. Conch. vol. iv, p. 145, 1823, pl. cccev (reversed). Oxfordian: Horncastle, Lincolnshire. [43933.]

Ammonites mutabilis, J. de C. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xvi, f. 1. Kimeridge Clay: Weymouth. [C. 3306.]

Ammonites navicularis, G. A. Mantell, Foss. S. Downs, 1822, p. 198, pl. xxii, f. 5 (named by error *A. catinus* in the explanation of the plates). Upper Chalk: Offham, Kent. [5681.]

Ammonites navicularis, G. A. Mantell: D. Sharpe, Foss. Moll Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 39, pl. xviii, ff. 1 & 8. Grey Chalk: Dover ["White Nore, Dorsetshire"—*Sharpe*]. [36834.]

Ammonites navicularis, G. A. Mantell: D. Sharpe, Foss. Moll Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 39, pl. xviii, f. 2. Chalk Marl ["Grey Chalk"—*Sharpe*]: near Lewes. [C. 5027.]

Ammonites navicularis, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 39, pl. xviii, ff. 3 *a*, *b*. Lower Chalk: Chardstock, Somerset. [50287.]

Ammonites navicularis, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 40, pl. xviii, ff. 5 *a*, *b*, *c*. Lower Chalk: Chardstock, Somerset. [50159.]

Ammonites nepaulensis, J. E. Gray, Illustrations of Indian Zoology, vol. i, 1830-32, pl. c, f. 1. Jurassic: Niti Pass, Himalaya. [C. 5052.] Portion of matrix removed since figured.

Ammonites nodo-costatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 120, pl. vi, ff. 12 *a*, *b*. Trias: St. Cassian. [35961 *a*.] One of the specimens (*a*) bearing the number 35961 labelled by Klipstein with the name "*Ammonites nodo-costatus*" and marked "vi. 12," is probably the specimen, or a part of the specimen, figured by Klipstein. It has, however, only five ribs and a portion of a sixth, whilst Klipstein's figure represents eleven.

Ammonites nodosus, J. Sowerby, Min. Conch. vol. i, p. 210, 1815, pl. xcii, f. 5. "Dark brown clay": Scarborough. [43956.]

Ammonites noduloso-costatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 123. pl. vii, ff. 5 *a*, *b*, *c*. Trias: St. Cassian [35967 *a*.] Specimen smaller than Klipstein indicates; its greatest length being only 16·5 mm.

Ammonites nutfieldiensis, J. Sowerby, Min. Conch. vol. ii, p. 11, 1815, pl. cviii (reversed). Greensand: Loc. (?). [43882.] If the figured specimen, figure has been much restored.

Ammonites obtusus, J. Sowerby, Min. Conch. vol. ii, p. 151, 1817, pl. clxvii, lower fig. (reversed). Lias: Lyme Regis, Dorset. [43970.]

Ammonites octagonus, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 83, pl. xii, ff. 2 *a*, *b*. Jurassic: Himalaya. [C. 5032.]

Ammonites parkinsoni, J. Sowerby, Min. Conch. vol. iv, p. 1, 1821, pl. cccvii, right-hand figure. Inferior Oolite: Yeovil. [43925.]

Ammonites parvus, J. de C. Sowerby, Min. Conch. vol. v, p. 70, 1824, pl. cccxl ix, f. 2 (two specimens). "Found at the depth of 80 ft. in a newly sunk well at Tunbridge." [43876 *a*, *b*.]

Ammonites peramplus, G. A. Mantell: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 26, pl. x, ff. 3 *a*, *b*. Middle Chalk: Oldbury Hill, Wiltshire. [88587.]

Ammonites perarmatus, J. Sowerby, Min. Conch. vol. iv, p. 72, 1822, pl. ccclii. Coralline Oolite: Malton, Yorkshire. [43921.]

Ammonites perarmatus, J. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1880, pl. xviii, f. 4. Oxford Clay: Weymouth. [C. 3313.]

Ammonites planodiscus, J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 63, pl. viii, ff. 5 *a*, *b*. Trias: Raj-hoti, Himalaya. [C. 4856 *a*.]

Ammonites planodiscus, J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 63, pl. viii, ff. 6 *a*, *b*, *c*. Trias: Raj-hoti, Himalaya. [C. 4857.]

Ammonites planorbis, J. de C. Sowerby, Min. Conch. vol. v, p. 69, 1824, pl. ccccxlviii, upper fig. (reversed). Lias: Watchet, Somerset. [43875.]

Ammonites planorbis, J. de C. Sowerby, Min. Conch. vol. v, p. 69, 1824, pl. ccccxlviii, lower fig. Lias: Lincolnshire. [43875.]

Ammonites planulatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 134, 1827, pl. dlxx, f. 5; *id.*, J. de C. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. ii, 1854, p. 29, pl. xii, f. 3. Chalk Marl ("Grey Chalk"—Sharpe): Hamsey, Sussex. [9381.]

Ammonites plicatilis, J. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xvii, f. 3. Coral Rag: Osmington, near Weymouth. [C. 3309.]

Ammonites plicomphalus, J. Sowerby, Min. Conch. vol. iv, p. 82, 1822, pl. ccclix. Spilsby Sandstone: Bolingbroke, Lincolnshire. [43892 *a*.]

Ammonites plicomphalus, J. Sowerby, Min. Conch. vol. iv, p. 145, 1823, pl. ccciv (reversed). Spilsby Sandstone: Bolingbroke, Lincolnshire. [43892 *b*.]

Ammonites proboscideus, var. β , J. Sowerby, Min. Conch. vol. iv, p. 4, 1821, pl. cccx, f. 5 (reversed). Gault: Folkestone. [43931.]

Ammonites pseudo-mutabilis, P. de Loriol : R. Damon, Geol. Weymouth, Suppl. 1888, pl. xvi, f. 2. Kimeridge Clay : Weymouth. [C. 3307.]

Ammonites quadrilabiatus, H. G. Bronn : A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 116, pl. vi, f. 3. Trias : St. Cassian. [35954 a.]

Ammonites rhomagensis, A. Brongniart : J. de C. Sowerby, Min. Conch. vol. vi, p. 25, pl. dxv, upper fig. Chalk Marl : Lewes, Sussex. [43983.]

Ammonites rhomagensis, A. Brongniart : J. de C. Sowerby, Min. Conch. vol. vi, p. 25, pl. dxv, lower fig. Chalk Marl : Sussex. [43983.]

Ammonites robustus, R. Strachey, MS. : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 85, pl. xvi, ff. 1 a, c. Jurassic : Himalaya. [C. 5050.]

Ammonites robustus, R. Strachey, MS. : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 85, pl. xvi, f. 1 b. Jurassic : Himalaya. [C. 5046.]

Ammonites rotiformis, J. de C. Sowerby, Min. Conch. vol. v, p. 76, 1824, pl. ccccliii [reduced and reversed]. Lias : near Yeovil. [43975.]

Ammonites rotula, J. de C. Sowerby, Min. Conch. vol. vi, p. 136, 1827, pl. dlxx, f. 4. Speeton Clay : Speeton. [43885 a.] Probably original of two upper figures. It is accompanied by a very much decomposed example [43885 b], possibly the original of the lower figure.

Ammonites rotundus, J. Sowerby, Min. Conch. vol. iii, p. 169, 1821, pl. cxciii, f. 3. Kimeridge Clay : Purbeck. [43899.]

Ammonites scriptus, R. Strachey, MS. : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 81, pl. xvi, ff. 2 a, b, c. Jurassic : Niti Pass, Himalaya. [C. 5045.] Anterior portion of specimen not figured.

Ammonites serratus, J. de C. Sowerby : R. Damon, Geol. Weymouth, Suppl. 1888, pl. xv, f. 5. Calcareous Grit : Weymouth. [C. 3305.]

Ammonites sphæricus (W. Martin): J. Sowerby, Min. Conch. vol. i, p. 116, 1814, pl. liii, f. 2. *Glyphioceras sphæricum* (W. Martin): A. H. Foord & G. C. Crick, Cat. Foss. Ceph. British Museum, pt. iii, 1897, p. 154, f. 73 c; p. 159, f. 75. Carboniferous Limestone: Derbyshire. [43871.]

Ammonites spinosissimus, R. Damon, Geol. Weymouth, Suppl. 1888 [fly-sheet at end], pl. xiv, f. 3. Kimeridge Clay: Weymouth. [C. 3304.]

Ammonites spinosus, J. de C. Sowerby, Min. Conch. vol. vi, p. 78, 1826, pl. dxl, f. 2; two specimens. Oxfordian: Loc. (?). [43937 a, b.] Smaller specimen decomposing.

Ammonites spinulo-costatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 112, pl. v, f. 6, two upper figures (35966 a) and the suture-line (35966 b). Trias: St. Cassian. [35966 a, b.]

Ammonites splendens, J. Sowerby, Min. Conch. vol. ii, p. 1, 1815, pl. ciii, f. 2. Gault: Folkestone. [43920.] Rapidly decomposing.

Ammonites splendens, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 89, pl. xxi, f. 13. Gault: Lewes. [9301.]

Ammonites stephanoides, A. Oppel: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiii, f. 4. Kimeridge Clay: Weymouth. [C. 3300.]

Ammonites strangewaysi, J. Sowerby, Min. Conch. vol. iii, p. 99, 1820, pl. ccxiv, ff. 1 & 3. Lias: Ilminster, Somerset. [43947.]

Ammonites striatulus, J. de C. Sowerby, Min. Conch. vol. v, p. 23, 1823, pl. cccxxi, f. 1. *Grammoceras striatulum* (J. de C. Sowerby): S. S. Buckman, Inf. Oo. Amm. (Mon. Pal. Soc.), pt. iv, 1890, p. 173, pl. xxvi, ff. 7-10. Lias: Robin Hood's Bay, Yorkshire. [43953.] ? Original of Sowerby's figure.

Ammonites striatus, J. Sowerby, Min. Conch. vol. i, p. 115, 1814, pl. liii, f. 1. *Glyphioceras striatum* (J. Sowerby): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 168, f. 78 (suture-line). Carboniferous Limestone: Derbyshire. [43870.]

Ammonites subarmatus, G. Young & J. Bird: J. de C. Sowerby, Min. Conch. vol. iv, p. 146, 1823, pl. cccvii, f. 1. Upper Lias: Whitby, Yorkshire. [43912.]

Ammonites subdenticulatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 125, pl. vii, ff. 7 a, b (35992 a); 7 c, d (35992 b). Trias: St. Cassian. [35992 a, b.]

Ammonites sublævis, J. Sowerby, Min. Conch. vol. i, p. 117, 1814, pl. liv, large fig. Kellaways Rock: Christian Malford, Wilts. [43881.]

Ammonites subradiatus, J. de C. Sowerby, Min. Conch. vol. v, p. 23, 1823, pl. cccxxi, f. 2. Inferior Oolite: between Bath and Bristol. [43943.]

Ammonites subradiatus, J. de C. Sowerby, with operculum *in situ*, S. P. Woodward, 'The Geologist,' 1860, p. 336, woodc. *Id.*: H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 346, woodc. Inferior Oolite: Dundry, Somerset. [39627.]

Ammonites sussexiensis, G. A. Mantell, Foss. S. Downs, 1822, p. 114, pl. xx, f. 2. Chalk Marl: Hamsey, Sussex. [5691.]

Ammonites sutherlandiæ, J. de C. Sowerby, Min. Conch. vol. vi, p. 121, 1827, pl. dlxiii, f. 2 (reversed). Jurassic: Braambury, Brora, Sutherland. [43873.]

Ammonites tenuistriata, J. E. Gray, Illustrations of Indian Zoology, vol. i, 1830-32, pl. c, f. 4. *Ammonites tenuistriatus*, J. E. Gray: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 78, pl. xv, ff. 2 b, c. Jurassic: Niti Pass, Himalaya. [C. 5051.] Without doubt Gray's type; but some of matrix removed before being partially figured by Blanford, who quotes Gray's species as *A. tenuisulcatus*.

Ammonites tenuistriatus?, J. E. Gray: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 78, pl. xiv, f. 2 (reversed). Jurassic: Himalaya. [C. 5039.]

Ammonites tenuistriatus, J. E. Gray: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 78, pl. xv, f. 2 a. Jurassic: Himalaya. [C. 5036.] Natural mould of the cast figured.

Ammonites tenuistriatus, v. also **Ammonites wallichii**, J. E. Gray.

Ammonites tenuisulcatus, v. **Ammonites tenuistriata**, J. E. Gray.

Ammonites tessonianus, A. d'Orbigny, Pal. Frang., Terr. Jur., vol. i, 1842, p. 392, pl. 130, ff. 1, 2. Inferior Oolite : St. Vigor, near Bayeux (Calvados), France. [37228.]

Ammonites triplex, J. de C. Sowerby, v. **Ammonites triplicatus**, J. Sowerby.

Ammonites triplicatus, J. Sowerby, Min. Conch. vol. i, p. 208, 1815, pl. xcii, f. 2. Kimeridge Clay : Portland. [43955.]

Ammonites triplicatus, J. Sowerby, Min. Conch. vol. iii, p. 167, 1821, pl. cxcii. *A. triplex*, J. de C. Sowerby, ibid., vol. vi, p. 249 (Systematical Index), 1835 ; vol. vii, p. 2 (Alphabetical Index), 1840. Coralline Oolite : Malton, Yorkshire. [43900.] J. de C. Sowerby re-named this specimen *A. triplex*, and reserved the name *A. triplicatus* for example figured on pl. xcii, f. 2.

Ammonites triplicatus, J. Sowerby, Min. Conch. vol. iii, p. 167, 1821, pl. cxciii, f. 4. *A. triplex*, J. de C. Sowerby, ibid., vol. vi, p. 249 (Systematical Index), 1835 ; vol. vii, p. 2 (Alphabetical Index), 1840. Calcareous Grit : Shotover, near Oxford. [43955.] J. de C. Sowerby re-named this specimen *A. triplex*, and reserved the name *A. triplicatus* for example figured on pl. xcii, f. 2.

Ammonites triplicatus, J. Sowerby : R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiii, f. 3. Kimeridge Clay : Weymouth. [C. 3316.]

Ammonites triplicatus, J. Sowerby : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 80, pl. xiii, ff. 1 a, b. Jurassic : Himalaya. [C. 5042.]

Ammonites triplicatus, J. Sowerby : H. F. Blanford, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 80, pl. xiii, f. 1 c (reduced). Jurassic : Niti Pass, Himalaya. [C. 5031 & C. 5031 a.] Natural mould [C. 5031 a] of the gutta-percha cast [C. 5031] figured.

Ammonites tuberculatus, J. Sowerby, Min. Conch. vol. iv, p. 4, 1821, pl. cccx, ff. 1 & 3 (reversed ; two specimens). Gault : Folkestone. [43930 a, b.] Rapidly decomposing.

Ammonites turneri, J. de C. Sowerby, Min. Conch. vol. v, p. 75, 1824, pl. ccccli, upper figure (reversed). Drift (or Lias) : Wymondham Abbey, Norfolk. [43973 a.]

Ammonites turneri, J. de C. Sowerby, Min. Conch. vol. v, p. 75, 1824, pl. cccclii, lower figure (reversed). Lias: Watchet, Somerset, [43973 b.]

Ammonites umbilicatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 117, pl. vi, f. 5. Trias: St. Cassian. [35978 a.] The five specimens 35978 a-e bear a label in Klipstein's handwriting "Am. nov. spec. (mit einem starken Nabelknoten) umbilicatus, nob., St. C. vi. 5." The largest example (35 mm. in diameter) is probably the specimen figured by Klipstein, much reduced and somewhat restored.

Ammonites umbo, R. Strachey, MS.: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 78, pl. xvii, ff. 2 a-d. Jurassic: Niti Pass, Himalaya. [C. 5040.]

Ammonites undatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 134, 1827, pl. dlxix, f. 2. Upper Chalk: Sussex. [43940 a.] Figure restored.

Ammonites ungeri, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 118, pl. vi, f. 7. Trias: St. Cassian. [35946 a.]

Ammonites varians, J. Sowerby, Min. Conch. vol. ii, p. 169, 1817, pl. clxxvi, largest figure. Lower Chalk: Bidcombe. [43962 a.] Portions of both sides of specimen probably figured.

Ammonites varians, J. Sowerby, Min. Conch. vol. ii, p. 169, 1817, pl. clxxvi, upper figure. Lower Chalk: Loc. (?). [43962 b.]

Ammonites varians, J. Sowerby, Min. Conch. vol. ii, p. 169, 1817, pl. clxxvi, two smallest figures. Lower Chalk: Sussex. [43962 c.]

Ammonites varians, J. Sowerby, Min. Conch. vol. ii, p. 169, 1817, pl. clxxvi, left-hand lowest figure. Lower Chalk: Ringmer, Sussex. [43962 d.]

Ammonites varians, J. Sowerby, Min. Conch. vol. ii, p. 169, 1817, pl. clxxvi, right-hand lowest figure. Lower Chalk: Wilts. [43962 e.]

Ammonites varians, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 115, pl. xxi, f. 5. Chalk Marl: Loc. (?). [33547.]

Ammonites varicosus, J. de C. Sowerby, Min. Conch. vol. v, p. 74, 1824, pl. ccccli, ff. 4, 5 (two specimens). Greensand: Blackdown, Dorset. [43952 a, b.]

Ammonites velledæ, H. Michelin: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 39, pl. xvii, ff. 7 a, b. Upper Chalk: Norwich. [C. 3110.]

Ammonites veltheimii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 122, pl. vii, ff. 3 a, b. Trias: St. Cassian. [35959 a.]

Ammonites vertebralis, J. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1888, pl. xvii, f. 2. Coral Rag: Weymouth. [C. 3308.]

Ammonites vertumnus, J. Leckenby: R. Damon, Geol. Weymouth, Suppl. 1860, pl. i, ff. 3, 3 a. Oxford Clay: Weymouth. [C. 3294.]

Ammonites wallichii, J. E. Gray, Illustrations of Indian Zoology, vol. i, 1830-32, pl. c, f. 3 (reversed). *Id.*: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 84, pl. xv, ff. 1 a, b; 2 d (reversed) [2 b on some impressions of this plate, and named *A. tenuistriatus*]. Jurassic: Himalaya. [C. 5041.]

Ammonites wiltonensis, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 53, pl. xxiii, ff. 10 a, b, c. Middle Chalk ["hard, gritty Chalk, with green stains"]: Oldbury Hill, Wiltshire. [88785.]

Ammonites winterbottomi, J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 63, pl. vii, ff. 5 a, b, c. Trias: Raj-hoti, Himalaya. [C. 4852.]

Ammonites woollgari, G. A. Mantell, Foss. S. Downs, 1822, p. 197, pl. xxi, f. 16. *Id.*: J. de C. Sowerby, Min. Conch. vol. vi, p. 25, 1828, pl. dlxxxvii, f. 1. Lower Chalk: near Lewes, Sussex. [5682.]

Ammonites sp., J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 64, pl. vi, ff. 3 a-c. Trias: Raj-hoti, Himalaya. [C. 4851 a.]

Ammonites sp., J. W. Salter, in J. W. Salter & H. F. Blanford, *Palæont. Niti*, 1865, p. 64, pl. vi, f. 4. Trias : Gunesguna, Himalaya. [C. 4860.]

Ammonites sp., J. W. Salter, in J. W. Salter & H. F. Blanford, *Palæont. Niti*, 1865, p. 65, pl. vii, ff. 4 *a*, *b*, *c*, *d*. Trias : Raj-hoti, Himalaya. [C. 4854 *a*.]

Ammonites, W. Smith, *Strata identified by organized Fossils*, 1816, p. 18, pl. ix, f. 7. Kimeridge Clay : North Wilts Canal. [C. 631.]

Ammonites, W. Smith, *Strata identified by organized Fossils*, 1816, p. 24, pl. xiii, f. 4. Kellaways Rock : Kellaways, Wilts. [C. 643.]

Ammonites (Acanthoceras) mammillaris, E. F. v. Schlotheim : J. Prestwich, 'Geology,' vol. ii, 1888, pl. x, ff. 3 *a*, *b*. Gault (Albian) : Escragnolles (Var), France. [37618 *a*.]

Ammonites (Haploceras) peramplus, G. A. Mantell : J. Prestwich, 'Geology,' pt. ii, 1888, pl. x, ff. 9 *a*, *b*. Chalk Marl ["Upper Chalk (Senonian)" —Prestwich] : Hamsey, Sussex. [5701.]

Ammonites (Hoplites) deshayesii, A. Leymerie : J. Prestwich, 'Geology,' vol. ii, 1888, pl. x, ff. 2 *a*, *b*. Lower Greensand (Neocomian) : Atherfield, I. of Wight. [70520.]

Ammonites (Schloenbachia) rostratus, J. Sowerby : J. Prestwich, 'Geology,' vol. ii, 1888, pl. x, ff. 5 *a*, *b* (reversed). Gault (Albian) : near Devizes, Wiltshire. [88581.]

Ammonites (Schloenbachia) varians, J. Sowerby : J. Prestwich, 'Geology,' vol. ii, 1888, pl. x, ff. 8 *a*, *b*. Upper Greensand ["Lower Chalk (Turonian)" —Prestwich] : Warminster. [37664.]

"**Anaptychus** perhaps belonging to *Arietites conybæri*," T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. viii, 1886, p. 483, pl. lxxxviii, f. 3. Lower Lias : Loc. (?). [39849.]

Anaptychus belonging to *Arietites stellaris*, T. Wright, Lias Amm. (Mon. Pal. Soc.) pt. viii, 1886, p. 483, pl. lxxxviii, f. 2. Lower Lias : Charmouth, Dorset. [C. 1931.]

Anaptychus, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. viii, 1886, p. 483, pl. lxxxviii, f. 4. Middle Lias : Lyme Regis, Dorset. [C. 316.]

Anarcestes lateseptatus? (H. E. Beyrich): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 34, f. 5 c. Lower Devonian: Wissenbach, Nassau. [C. 1728.]

Anarcestes simulans (J. Barrande): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 41, f. 8 (suture-line). Devonian (Étage G, bande g₃): Hlubočep, Bohemia. [70972 a.]

Ancyloceras audouli, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 22, pl. vi, no. 12, pl. vii, no. 12 bis. Neocomian: Cheiron (Basses-Alpes), France. [73806.]

Ancyloceras fournerti, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 20, pl. vii, no. 10. Neocomian: Cheiron (Basses-Alpes), France. [46991.]

Ancyloceras jauberti, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 25, pl. ix, no. 17. Neocomian: Anglès (Basses-Alpes), France. [46882.]

Ancyloceras jourdani, J. E. Astier, Cat. descrip. Aneyloceras, 1851, p. 23, pl. viii, no. 13. Neocomian: Anglès (Basses-Alpes), France. [46986.]

Ancyloceras matheronianus, A. d'Orbigny: G. A. Mantell, Geol. I. of Wight, 1854, p. 320, lign. 41. Lower Greensand: Atherfield, I. of Wight. [C. 3748.]

Ancyloceras mulsanti, J. E. Astier, Cat. descrip. Aneyloceras, 1851, p. 18, pl. vi, no. 8. Neocomian: Cheiron (Basses-Alpes), France. [46990.]

Ancyloceras panescorsii, J. E. Astier, Cat. descrip. Aneyloceras, 1851, p. 15, pl. iii, no. 3. Neocomian: Barrême (Basses-Alpes), France. [46973.]

Ancyloceras pugnairii, J. E. Astier, Cat. descrip. Aneyloceras, 1851, p. 16, pl. i, no. 5. Neocomian: Escragnolles (Var), France. [46979.]

Ancyloceras sablieri, J. E. Astier, Cat. descrip. Aneyloceras, 1851, p. 15, pl. iv, no. 4. Neocomian: Cheiron (Basses-Alpes), France. [73802.]

Ancyloceras sartousii, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 24, pl. iii, no. 15. Neocomian: Anglès (Basses-Alpes), France. [46985.]

Ancyloceras seringei, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 25, pl. viii, no. 16. Neocomian: Cheiron (Basses-Alpes), France. [46978.]

Ancyloceras simplex, A. d'Orbigny: C. Darwin, Geol. Obs. S. America (Voyage of the Beagle), 1846, pl. v, f. 2. Cretaceous: Chili, S. America. [2612.]

Ancyloceras tabarelli, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 19, pl. vii, no. 9. Neocomian: Anglès (Basses-Alpes), France. [46972.]

Ancyloceras terveri, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 23, pl. vii, no. 14. Neocomian: Anglès (Basses-Alpes), France. [46984.]

Ancyloceras thiollierei, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 18, pl. v, no. 7. Neocomian: Barrême (Basses-Alpes), France. [46970.]

Ancyloceras vanden-heckii, J. E. Astier, Cat. descrip. Ancyloceras, 1851, p. 21, pl. ii, no. 11. Neocomian: Anglès (Basses-Alpes), France. [46881.]

Aptychus icenicus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 57, pl. xxiv, f. 7a (reversed). Upper Chalk: Norwich. [C. 3082.]

Aptychus peramplus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 58, pl. xxiv, f. 10a (reversed). Upper Chalk: Norwich. [C. 3081.] Since the figure was drawn the fragment indicated on the left-hand side of the figure (right-hand side of the specimen) has been removed.

Aptychus portlocki, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 56, pl. xxiv, f. 2 (reversed). Upper Chalk: Norwich. [C. 3083.]

Aptychus portlocki, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 56, pl. xxiv, f. 3 (reversed). Upper Chalk: Norwich. [C. 3084.]

Aptychus portlocki, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 56, pl. xxiv, f. 4 (reversed). Upper Chalk: Norwich. [35490.]

Aptychus rugosus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 57, pl. xxiv, ff. 8a (left-hand figure), 8b (right-hand figure) [reversed]. Upper Chalk: Norwich. [C. 3079.] Upper part of specimen broken since figured.

Aptychus rugosus, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 57, pl. xxiv, ff. 8a (right-hand figure), 8b (left-hand figure) [reversed]. Upper Chalk: Norwich. [C. 3078.]

Aptychus probably belonging to *Cosmoceras parkinsoni*, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. viii, 1885, pl. lxxxviii, f. 1. Inferior Oolite: Leckhampton Hill, Gloucestershire. [C. 1935.]

Aptychus, R. Damon, Geol. Weymouth, Suppl. 1880, pl. xiv, f. 4, one side of lower figure. Kimeridge Clay: Weymouth. [C. 3318.]

Aptychus, R. Damon, Geol. Weymouth, Suppl. 1880, pl. xiv, f. 4, one side of upper figure. Kimeridge Clay: Weymouth. [C. 3319.]

Aptychus, H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 352, pl. ix, f. 3. *Id.*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 278, f. 138. Upper Devonian: Bicken, near Herborn, Nassau. [C. 1717.]

Aptychus, H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 352, pl. ix, f. 4. *Id.*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 278, f. 137. Upper Devonian: Bicken, near Herborn, Nassau. [C. 650 c.]

Aptychus, H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 352, pl. ix, f. 5. *Id.*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 277, f. 135. Upper Devonian: Bicken, near Herborn, Nassau. [C. 650 a.]

Aptychus, H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 352, pl. ix, f. 6. *Id.*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 277, f. 136. Upper Devonian: Bicken, near Herborn, Nassau. [C. 650 b.]

Arietites bisulcatus (J. G. Bruguière): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. iv, ff. 1-4; pt. iv, 1881, p. 275 (reduced, not nat. size as Wright states). Lower Lias (*bucklandi*-zone): near Berkeley, Gloucestershire. [C. 1923.]

Arietites bonnardii (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xi, ff. 1, 2, 3; pt. iv, 1881, p. 287. Lower Lias (*turneri*-zone): Lyme Regis, Dorset. [C. 1891.]

Arietites brooki (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. vi, f. 4; pt. iv, 1881, p. 280. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 1926.]

Arietites collenotii (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, p. 306, pl. vi, f. 1; pt. iv, 1881, p. 306 (*Arietites denotatus* (Simpson) in explanation of plate). Lower Lias (*oxynotus*-zone): Robin Hood's Bay, Yorkshire. [C. 1881.]

Arietites conybeari (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. ii, ff. 1, 2, 3; pt. iv, 1881, p. 273. Lower Lias (*bucklandi*-zone): Saltford, near Bath. [C. 1930.]

Arietites conybeari, Anaptychus of, v. under **Anaptychus**.

Arietites crossi, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. x, ff. 1, 2; pt. iv, 1881, p. 283. Lower Lias (*bucklandi*-zone): West Halton, Lincolnshire. [C. 3123.]

Arietites denotatus (Simpson): T. Wright, v. **Arietites collenotii** (A. d'Orbigny): T. Wright.

Arietites nodulosus, v. **Arietites subnodosus** (Young & Bird).

Arietites obtusus (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxi, ff. 1, 2; pt. iv, 1881, p. 293. Lower Lias (*obtusus*-zone): Bredon, Worcestershire. [C. 2222.]

Arietites obtusus (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxi, ff. 3, 4; pt. iv, 1881, p. 293. Lower Lias (*obtusus*-zone): Bredon, Worcestershire. [C. 2223.]

Arietites raricostatus (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. vii, ff. 2, 3, 4; pt. iv, 1881, p. 298. Lower Lias (*raricostatus*-zone): Loc. (?). [88980.]

Arietites raricostatus (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. vii, f. 6; pt. iv, 1881, p. 299. Lower Lias (*raricostatus*-zone): Lyme Regis, Dorset. [67956.]

Arietites raricostatus (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxvi, ff. 8, 9, 10; pt. iv, 1881, p. 298. Lower Lias (*raricostatus*-zone): Loc. (?). [C. 1924.]

Arietites raricostatus (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xxvi, ff. 12, 13, 14; pt. iv, 1881, p. 298. Lower Lias (*raricostatus*-zone): Loc. (?) [C. 1925.]

Arietites rotiformis (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. v, f. 4; pt. iv, 1881, p. 278. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 1927.]

Arietites rotiformis (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. ix, ff. 1, 2; pt. iv, 1881, p. 278. Lower Lias (*bucklandi*-zone): L'Auxois, Semur (Côte-d'Or), France. [C. 1892.]

Arietites sauzeanus (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. viii, f. 4; pt. iv, 1881, p. 281. Lower Lias (*bucklandi*-zone): Darlingscott, near Shipston-on-Stour, Worcestershire. [C. 2219.]

Arietites sauzeanus (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. viii, ff. 5, 6; pt. iv, 1881, p. 281. Lower Lias (*bucklandi*-zone): Darlingscott, near Shipston-on-Stour, Worcestershire. [C. 1890.]

Arietites scipionianus (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xix, ff. 8, 9, 10; pt. iv, 1881, p. 290. Lower Lias (*planorbis*-zone): Cheltenham. [C. 1893.] A little doubtful if this is the figured specimen.

Arietites semicostatus (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. i, ff. 4, 5; pt. iv, 1881, p. 284. Lower Lias (*bucklandi*-zone): Vale of Gloucester. [C. 2220.]

Arietites semicostatus (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. i, f. 7; pt. iv, 1881, p. 285. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2221 a.]

Arietites semicostatus (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. i, f. 8; pt. iv, 1881, p. 285. Lower Lias (*bucklandi*-zone): Lyme Regis, Dorset. [C. 2221 b.]

Arietites stellaris, Anaptychus of, v. under **Anaptychus**.

Arietites subnodosus (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. i, 1878, pl. vi, ff. 2, 3 (enlarged); pt. iv, 1881, p. 288. Named *nodosus* in the explanation of the plate. Lower Lias (*oxynotus*-zone): Robin Hood's Bay, Yorkshire. [C. 1880.]

Arietites turneri (J. de C. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. ii, 1879, pl. xii, ff. 1, 2, 3; pt. iv, 1881, p. 292. Lower Lias (*turneri*-zone): Bredon, Worcestershire. [C. 1914.]

Arpadites stracheyi, E. v. Mojsisovics, v. **Ammonites floridus**, X. Wülfen: J. W. Salter.

Aturia aturi (B. de Basterot): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 336, ff. 71 a, 72. Oligocene: Bordeaux, France. [36838 a.]

Aturia aturi (B. de Basterot): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 338, f. 73 (portion of siphuncle, enlarged). Oligocene: Dax, France. [34385.]

Aturia aturi (B. de Basterot), var. **australis**, F. M'Coy: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 336, f. 71 b. Miocene?: Muddy Creek, Victoria, Australia. [C. 1548.]

Aturia charlesworthi, A. H. Foord, v. **Nautilus ziczac**, J. Sowerby.

Aturia delphinus (E. Forbes): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 349, ff. 75 a, b. Eocene: Kotri, Sind, India. [23282.]

Aturia zic-zac (J. Sowerby): F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 55, pl. ix, f. 1 e. *Nautilus?* (*Olymenia?*) *zic-zac*, J. Sowerby, J. de C. Sowerby in F. Dixon, Geol. Sussex, 1850, pp. 110, 194, pl. viii, f. 19 (upper & lower ff.). *Aturia zic-zac* (J. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 344, ff. 74 a, b. Eocene: Bracklesham, Sussex. [32650.]

Aturia zic-zac (J. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 344, ff. 74 c, d. Eocene: Kressenberg, Bavaria. [C. 925.]

Aturia zic-zac (J. Sowerby), var. β , F. E. Edwards, v. **Nautilus ziczac**, J. Sowerby.

Baculites anceps, Lamarck : J. Prestwich, 'Geology,' vol. ii, 1888, pl. xii, f. 16. Upper Chalk (Baculite Limestone) : Normandy. [32573.]

Baculites baculoides? (G. A. Mantell) : G. C. Crick, Proc. Malac. Soc. vol. ii, pt. 2, 1896, woodc. p. 80. Lower Chalk : Chardstock, Somerset. [C. 422.]

Baculites baculoides (G. A. Mantell), v. **Baculites obliquatus**, J. de C. Sowerby.

Baculites faujasii, Lamarck : J. de C. Sowerby, in F. Dixon's 'Geol. Sussex,' 1850, pl. xxvii, f. 24 (description of plate). Chalk : Sussex. [33620.] Marked as figured specimen, but if so, it has been much broken since figured.

Baculites obliquatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 186, 1828, pl. dxcii, f. 2, left-hand figure. *Baculites baculoides*, G. A. Mantell, Medals of Creation, 1844, vol. ii, p. 499, lign. 110, f. 2. Chalk Marl : Hamsey, Sussex. [44005 a.]

Baculites obliquatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 186, 1828, pl. dxcii, f. 2, right-hand figure and section. Chalk Marl : Hamsey, Sussex. [44005 b.]

Baculites obliquatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 186, 1828, pl. dxcii, f. 3, left-hand figure. Chalk Marl : Hamsey, Sussex, [44005 c.]

Baculites vagina, E. Forbes : C. Darwin, Geol. Obs. S. America ('Voyage of the 'Beagle'), 1846, pp. 126 & 131, pl. v, f. 3. Cretaceous : Chili, S. America. [C. 2611.]

Barrandeoceras bohemicum (J. Barrande) : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 78, ff. 10 a, b. Silurian (Étage E) : Karlstein, Bohemia. [70959.]

"**Belemnite**, with the phragmocone and its elongated processes," G. A. Mantell, Phil. Trans. vol. cxl, 1850, p. 397, pl. xxviii, ff. 1, 2. Oxford Clay : Trowbridge, Wiltshire. [R. 662.]

Belemnite, G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, p. 181, pl. xv, f. 3. Oxford Clay : Trowbridge, Wiltshire. [C. 5021.]

Belemnite, cone of (alveola), R. Damon, Geol. Weymouth, Suppl. 1888, pl. xiii. f. 7. Kimeridge Clay: Weymouth. [C. 3301.]

Belemnitella, phragmocone of, in flint, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 6, figs. A, B. *Id.*, G. A. Mantell, Geol. I. of Wight, 3rd ed. 1854, p. 317, lign. 38, ff. 1, 2. Chalk: near Ventnor, I. of Wight. [3661.]

Belemnites abbreviatus, J. S. Miller: J. de C. Sowerby, Min. Conch. vol. vi, p. 179, 1828, pl. dxc, f. 2. Oolite: Weymouth. [43828.] (Not Inferior Oolite, but either Kimeridge Clay or Corallian.)

Belemnites abbreviatus, J. S. Miller: J. Phillips, Brit. Belemnitidæ (Mon. Pal. Soc.), pt. v, 1870, p. 125, pl. xxxiv, f. 84. *Id.*, J. S. Miller: J. Prestwich, 'Geology,' vol. ii, 1888, p. 223, f. 118 a. Calcareous Grit: Seend, Wiltshire. [C. 2273.]

Belemnites abbreviatus, J. S. Miller: R. Damon, Geol. Weymouth, Suppl. 1888, pl. v, f. 11. Coral Rag: Weymouth. [C. 3297.]

Belemnites acutus, J. S. Miller: J. de C. Sowerby, Min. Conch. vol. vi, p. 180, 1828, pl. dxc, f. 7. Lias: Weston, near Bath. [43830.]

Belemnites attenuatus, G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, p. 177, pl. xv, f. 1. Oxford Clay: Wiltshire. [C. 5022.]

Belemnites attenuatus, G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, p. 177, pl. xv, f. 2. Oxford Clay: Chippenham, Wiltshire. [30466.] Most probably the specimen here figured, though somewhat broken since drawn.

Belemnites attenuatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 176, 1828, pl. dlxxxix, f. 2 (three specimens). Gault: Folkestone. [43825 a, b, c.]

Belemnites baudouini, A. d'Orbigny: J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, p. 358, pl. xxvii, f. 29. Chalk Marl: Sussex. [C. 5024.]

Belemnites bessinus, A. d'Orbigny: J. Prestwich, 'Geology,' vol. ii, 1888, p. 205, f. 108 e. Great Oolite (Stonesfield Slate): Stonesfield. [C. 443.]

Belemnites bruguierianus, A. d'Orbigny: T. H. Huxley, Mem. Geol. Surv., Monog. ii (Structure of the Belemnitidæ), 1864, p. 12, pl. i, ff. 1, 1 *a*. Lower Lias: Charmouth, Dorset. [74106.]

Belemnites clavatus, H. D. de Blainville: J. Prestwich, 'Geology,' vol. ii, 1888, p. 184, f. 87 *a*. Lias: Charmouth, Dorset. [39896 *a*.]

Belemnites compressus, H. D. de Blainville: J. de C. Sowerby, Min. Conch. vol. vi, p. 182, 1828, pl. dxc, f. 4. Inferior Oolite: near Scarborough. [43831.]

Belemnites elongatus, J. S. Miller: T. H. Huxley, Mem. Geol. Surv., Monog. ii (Structure of the Belemnitidæ), 1864, p. 16, pl. i, ff. 2, 2 *a*. Lower Lias: Charmouth, Dorset. [39855.]

Belemnites elongatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 178, 1828, pl. dxc, f. 1. *Id.*: J. Phillips, Brit. Belemn. (Mon. Pal. Soc.), pt. ii, 1865, p. 50, pl. vii, f. 17. Lias: Crick Tunnel, near Daventry, Northamptonshire. [39872.]

Belemnites giganteus, E. F. v. Schlotheim: J. Morris & J. Lycett, Gt. Oolite Mollusca (Mon. Pal. Soc.), pt. i, 1850, p. 108, pl. xiv, ff. 4, 4 *a*. Inferior Oolite: Scarborough. [C. 5025.]

Belemnites hastatus, H. D. de Blainville: J. Prestwich, 'Geology,' vol. ii, 1888, p. 219, f. 117 *a*. Oxford Clay: near Cambridge. [30676 *a*.]

Belemnites listeri, G. A. Mantell, Foss. S. Downs, 1822, p. 88, pl. xix, f. 17. Gault: Ringmer, Sussex. [9406 *a*.]

Belemnites listeri, G. A. Mantell, Foss. S. Downs, 1822, p. 88, pl. xix, f. 18. Gault: Ringmer, Sussex. [9406 *b*.]

Belemnites listeri, var., G. A. Mantell, Foss. S. Downs, 1822, p. 88, pl. xix, f. 23. Gault: Ringmer, Sussex. [9407.]

Belemnites minimus, M. Lister: J. Prestwich, 'Geology,' vol. ii, 1888, p. 279, f. 145 *e*. Gault: near Folkestone. [C. 835.]

Belemnites minimus, M. Lister: J. de C. Sowerby, Min. Conch. vol. vi, p. 175, 1828, pl. dlxxxix, f. 1 (two upper figures on left and the section; three specimens). Gault: Folkestone. [43824 *a, b, c*.]

Belemnites minimus, M. Lister : J. de C. Sowerby, Min. Conch. vol. vi, p. 175, 1828, pl. dlxxxix, f. 1 (the two largest figures; two specimens). Speeton Clay : Speeton Cliff, Yorkshire. [43824 d, e.]

Belemnites mucronatus, E. F. v. Schlotheim : J. de C. Sowerby, Min. Conch. vol. vi, p. 205, 1829, pl. dc, ff. 1, 2, & 4. (Three specimens.) Chalk : Norwich. [43833 a, b, c.]

Belemnites mucronatus, E. F. v. Schlotheim : J. de C. Sowerby, Min. Conch. vol. vi, p. 205, 1829, pl. dc, f. 6. Chalk : Loc. (?). [43833 d, e.]

Belemnites mucronatus, E. F. v. Schlotheim : J. de C. Sowerby, Min. Conch. vol. vi, p. 205, 1829, pl. dc, f. 7. Chalk : Margate. [43833 f.]

Belemnites oweni, Blainville [*errore*] : J. Prestwich, 'Geology,' vol. ii, 1888, p. 219, f. 117 b. Oxford Clay : Peterborough. [50203 a.]

Belemnites owenii, S. P. Pratt : R. Owen, Phil. Trans. vol. cxxxiv, 1844, p. 66, pl. ii, f. 6. Oxford Clay : Christian Malford, Wiltshire. [88604 a.]

Belemnites owenii, S. P. Pratt : R. Owen, Phil. Trans. vol. cxxxiv, 1844, p. 79, pl. vi, ff. 1, 2, 3. Oxford Clay : Christian Malford, Wiltshire. [C. 5020.]

Belemnites paxillosus, P. C. Voltz : J. Prestwich, 'Geology,' vol. ii, 1888, p. 184, f. 87 b. Middle Lias (Marlstone) : South Petherton, Somerset. [70431.]

Belemnites polygonalis, H. D. de Blainville : R. B. Newton, Quart. Journ. Geol. Soc. vol. xl, 1889, p. 333, pl. xiv, ff. 3, 4. Neocomian : Ankaraobato, Madagascar. [C. 3578.]

Belemnites puzosianus, A. d'Orbigny : G. A. Mantell, Phil. Trans. vol. cxl, 1850, p. 396, pl. xxx. Oxford Clay : Trowbridge, Wiltshire. [32572.]

Belemnites semicanaliculatus, H. D. de Blainville : J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, p. 358, pl. xxvii, f. 23. Lower Chalk : Sussex. [C. 5023.]

Belemnites sulcatus, J. S. Miller: H. F. Blanford, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 76, pl. x, ff. 1-6. (Six specimens.) Jurassic: Niti Pass, Himalaya. [C. 2566-71.]

Belemnites sulcatus, J. S. Miller: H. F. Blanford in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 76, pl. x, f. 8 (portion of phragmocone). Formation(?) : Niti Pass, Himalaya. [C. 2572.] The specimen has been broken across and shows a subcentral siphuncle.

Belemnites sp., Proöstracum of, G. C. Crick, Proc. Malac. Soc. vol. ii, pt. 3, 1896, pp. 117-119, pl. ix, ff. 1, 2, 3. Upper Lias: Alderton, Gloucestershire. [C. 5257 & counterpart.]

Belemnites sp., R. Etheridge, Jun., Papers & Proc. & Rep. Roy. Soc. Tasmania, 1879 (1880), p. 18, pl. facing p. 22, ff. 1, 2, 3. Oolite: From the Plains westward of Mt. Abundance, Australia. [21573.]

Belemnites, W. Smith, Strata identified by organized Fossils, 1816, p. 13, pl. vii, f. 5. Gault: Prisley Farm, Bedfordshire. [C. 625 a.]

Belemnites (phragmocone), T. H. Huxley, Mem. Geol. Surv., Monog. ii (Structure of the Belemnitidae), 1864, pl. i, p. 14, ff. 4, 4 a. Lower Lias: Charmouth, Dorset. [83963.]

Belemnite, large, W. Smith, Strata identified by organized Fossils, 1816, p. 22, pl. xii, f. 1. Oxford Clay: Dugrove Farm. [C. 640.]

Belemnosis plicata, F. E. Edwards, v. **Beloptera anomala**, J. de C. Sowerby.

Belemnoteuthis antiquus, C. Pearce: T. H. Huxley, Mem. Geol. Surv., Monog. ii (Structure of the Belemnitidae), 1864, p. 18, pl. ii, f. 2. Oxford Clay: Christian Malford, Wiltshire. [21452.]

Belemnoteuthis antiquus, C. Pearce: G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, p. 174, pl. xiii, f. 2. Oxford Clay: Trowbridge, Wiltshire. [32577.]

Belemnoteuthis antiquus, C. Pearce: G. A. Mantell, Phil. Trans. vol. cxxxviii, 1848, p. 174, pl. xiii, f. 3. Oxford Clay: Christian Malford, Wiltshire. [32576.]

Belemnoteuthis antiquus, C. Pearce : G. A. Mantell, 'Petrifications and their teachings,' 1851, p. 459, lign. 100. *Id.* : G. A. Mantell, 'Medals of Creation,' vol. ii, 1854, p. 460, lign. 145. *Id.* : J. Prestwich, 'Geology,' vol. ii, 1888, p. 218, f. 116. Oxford Clay : Christian Malford, Wiltshire. [25966.]

Belemnoteuthis montefiorei, J. Buckman, Proc. Dorset Nat. Hist. & Antiq. Field Club, vol. iii, 1879, pp. 141-3, plate facing p. 142. Lower Lias Shales : between Charmouth and Lyme Regis, Dorset. [C. 5026.] Since the figure was drawn, the uppermost portion of the slab has been detached and so replaced that the arms have the same general direction as the rest of the body.

Belemnus pusulatum, C. Koenig, Icones Fossilium Sectiles, 1825, pl. xvii, f. 216 b. Chalk : Loc. (?). [C. 5762.]

Beloceras sagittarium (G. & F. Sandberger) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 275, f. 133a. Upper Devonian : Adorf, Waldeck. [C. 1845.]

Beloptera anomala, J. de C. Sowerby, Min. Conch. vol. vi, p. 184, 1828, pl. dxci, f. 2. *Belemnosis plicata*, F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 40, pl. ii, ff. 3 a-e. *Spirulirostra anomala* (J. de C. Sowerby) : R. B. Newton & G. F. Harris, Proc. Mal. Soc. vol. i, pt. 3, 1894, p. 124, woodcuts. London Clay : Highgate. [43823.]

Beloptera belemnitoidea, H. D. de Blainville : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 36, pl. ii, ff. 1 a-c. Middle Eocene : Bracklesham Bay. [70997 b.]

Beloptera belemnitoidea, H. D. de Blainville : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 36, pl. ii, ff. 1 d, e. Middle Eocene : Bracklesham Bay. [70997 a.]

Beloptera belemnitoidea, H. D. de Blainville : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 36, pl. ii, ff. 1 f, g. Middle Eocene : Bracklesham, Sussex. [39907 a.]

Beloptera belemnitoidea, H. D. de Blainville : J. de C. Sowerby, Min. Conch. vol. vi, p. 183, 1828, pl. dxci, f. 3. Calcaire grossier : France. [43822.]

Beloptera belemnitoidea, H. D. de Blainville : J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, p. 109, pl. ix, f. 18 (upper figure). Middle Eocene : Bracklesham, Sussex. [39907 b.]

Beloptera belemnitoidea, H. D. de Blainville; J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, p. 109, pl. ix, f. 18 (lower figures). Middle Eocene: Bracklesham, Sussex. [39907 c.]

Beloptera levesquei, A. d'Orbigny: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 37, pl. ii, ff. 2 a, b, c. London Clay: Highgate. [69339 b.]

Beloptera levesquei, A. d'Orbigny; F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 37, pl. ii, ff. 2 d, e. London Clay: Highgate. [69339 a.]

Beloptera sepioidea, H. D. de Blainville: J. de C. Sowerby, Min. Conch. vol. vi, p. 183, 1828, pl. dxci, f. 1. Calcaire grossier: France. [82884.] Much broken since figured.

Belosepia blainvillii? (G. P. Deshayes): J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 194, pl. ix, f. 10. Middle Eocene: Bracklesham, Sussex. [39904 a.]

Belosepia blainvillii (G. P. Deshayes), v. **Belosepia sepioidea** (H. D. de Blainville), var. **blainvillii**, G. P. Deshayes.

Belosepia brevispina, J. de C. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 32, pl. i, ff. 2 a-c. Middle Eocene: Bracklesham Bay. [70996 a.]

Belosepia cuvieri, G. P. Deshayes: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 31, pl. i, ff. 3 a-d. Middle Eocene: Bracklesham Bay. [70995 a.]

Belosepia cuvieri (A. d'Orbigny): J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 193, pl. ix, f. 11 (upper figure). Middle Eocene: Bracklesham, Sussex. [39914.]

Belosepia longirostris (G. P. Deshayes): J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 194, pl. ix, f. 15 a (upper and lower figures); two specimens. Middle Eocene: Bracklesham, Sussex. [C. 5013-4.]

Belosepia longirostris (G. P. Deshayes): J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 194, pl. ix, f. 15 b. Middle Eocene: Bracklesham, Sussex. [C. 5015.]

Belosepia longispina (G. P. Deshayes): J. de C. Sowerby, in F. Dixon Geol. Sussex, 1850, pp. 109, 194, pl. ix, ff. 12, 12 g. Middle Eocene : Bracklesham, Sussex. [39917.]

Belosepia oweni, J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 193, pl. ix, f. 13 a. Middle Eocene : Bracklesham, Sussex. [C. 5011.]

Belosepia oweni, J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 193, pl. ix, f. 13 b. Middle Eocene : Bracklesham, Sussex. [C. 5012.]

Belosepia sepioidea (H. D. de Blainville): R. B. Newton & G. F. Harris, Proc. Malac. Soc. vol. i, pt. 3, 1894, p. 120, pl. x, ff. 1-3. Middle Eocene : Bracklesham Bay, Sussex. [C. 3546.]

Belosepia sepioidea (H. D. de Blainville), var. **blainvillii**, G. P. Deshayes : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 29, pl. i, ff. 1 g, 1 i. *Belosepia blainvillii* (G. P. Deshayes) : J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 193, pl. ix, f. 16. Middle Eocene : Bracklesham Bay, Sussex. [C. 3053.]

Belosepia sepioidea (H. D. de Blainville), var. **blainvillii**, G. P. Deshayes : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 31, pl. i, fig. 1 h. *Belosepia blainvillii* (Deshayes) : J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 109, 193, pl. ix, f. 17. Lower Eocene (London Clay) : I. of Sheppey. [39915.]

Belosepia sepioidea (H. D. de Blainville), var. **longirostris**, G. P. Deshayes : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 29, pl. i, ff. 1 a-c. Middle Eocene : Bracklesham Bay. [70992 a.]

Belosepia sepioidea (H. D. de Blainville), var. **longispina**, G. P. Deshayes : F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 29, pl. i, ff. 1 d-f. Middle Eocene : Bracklesham Bay. [70993 a.]

Brancoceras ixion (J. Hall) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 132, ff. 62 a, b, c. Lower Carboniferous (Goniatite Limestone, Kinderhook Group) : Rockford, Indiana, United States. [C. 96.]

Centroceras, v. **Temnocheilus** (**Centroceras**).

Ceratites brevicostatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 134, pl. viii, ff. 6 a-c. Trias : St. Cassian. [35975.] Smaller than Klipstein indicates.

Ceratites infundibuliformis, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 130, pl. viii, ff. 1 a-c. Trias : St. Cassian. [35976.] Although not thus indicated on Klipstein's label, it agrees so well with the figure (except that it is a little smaller than indicated), that there cannot be much doubt as to its being the figured specimen.

Ceratites ? jägeri, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 133, pl. viii, ff. 4 a, b. Trias : St. Cassian. [35990 a.] Rather smaller, and aperture less perfect, than Klipstein indicates.

Ceratites karstenii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 132, pl. viii, ff. 3 a, b, c. Trias : St. Cassian. [35987.] Slightly smaller than Klipstein indicates.

Ceratites meriani, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 134, pl. viii, ff. 5 a, b, c. Trias : St. Cassian. [35973.] This specimen does not exactly agree with Klipstein's figure and is moreover somewhat smaller than he indicates. To the tablet is attached a label "*Ceratites meriani*, nob., St. Cass. viii. 5." Another specimen has been attached to the same tablet, but is now missing.

Clydonutilus, v. Nautilus (Clydonutilus).

Clymenia undulata, G. Münster : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 26, ff. 4 a, b. Upper Devonian (Clymenien-Kalk) : Ebersdorf, Silesia. [C. 1955.]

Clymenia ?, v. Nautilus ? (Clymenia ?).

Coccoteuthis hastiformis (E. Rüppell) : G. C. Crick, Geol. Mag. [4], vol. iii, 1896, p. 439, pl. xiv. Lower Kimeridgian (Lithographic Stone) : Solenhofen, Bavaria. [C. 5775.]

Coccoteuthis latipinnis, R. Owen, Quart. Journ. Geol. Soc. vol. xi, 1855, p. 124, pl. vii. Kimeridge Clay : Kimeridge. [C. 5018.]

Coelonautilus cariniferus (J. de C. Sowerby) : A. H. Foord & G. C. Crick, Geol. Mag. [3], vol. vi, 1889, p. 495, f. C (reversed). *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 106, f. 15 C (reversed). Carboniferous Limestone : Black-rock, Cork Harbour, Ireland. [43861.]

Coelonautilus cariniferus (J. de C. Sowerby) : A. H. Foord & G. C. Crick, Geol. Mag. [3], vol. vi, 1889, p. 495, ff. A, B, D. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 106, ff. 15 A, B, D. Carboniferous Limestone : Cork, Ireland. [50190.]

Cœlonautilus globatus (J. de C. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 129, ff. 20 *a*, *b*. Carboniferous Limestone: Kildare, Ireland. [30229.]

Cœlonautilus globatus (J. de C. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 130, f. 21. Carboniferous Limestone: Ireland. [30933.]

Cœlonautilus gradus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 126, f. 19 *a*. Carboniferous Limestone: Kildare, Ireland. [36947.]

Cœlonautilus gradus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 126, f. 19 *b*. Carboniferous Limestone: Kildare, Ireland. [30224.]

Cœlonautilus gradus, A. H. Foord, Cat. Foss. Ceph., British Museum. pt. ii, 1891, p. 126, f. 19 *c*. Carboniferous Limestone: Dublin. [1695.]

Cœlonautilus multicarinatus (J. de C. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 114, ff. 16 *a*, *b*. Carboniferous Limestone: Ireland. [50192.]

Cœlonautilus paucicarinatus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 116, ff. 17 *a*, *b*. Carboniferous Limestone: Ireland. [C. 2835.]

Cœlonautilus pinguis (L. G. de Koninck): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 118, ff. 18 *a*, *b*. Carboniferous Limestone: Ireland. [43862.]

Column composed of circular discs, &c., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. ii, 1824, p. 204, pl. xxx, f. 6. Silurian (Niagara Group): Drummond Island, Lake Huron. [2724.]

Column composed of circular discs, &c., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. ii, 1824, p. 204, pl. xxx, f. 7. *Discosorus remotus*, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 197, with a reference to Bigsby's figure. Silurian (Niagara Group): Drummond Island, Lake Huron. [33437.]

Conchorhynchus cassianus, H. v. Meyer: A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 145, pl. ix, f. 7 *a*. Trias: St. Cassian. [36016.]

Conchyliolithus N. Ammonites (*luidii*) anfractibus extrinsecis teretibus, &c., W. Martin, Petrificata Derbyiensia, 1809, pl. xxxv, ff. 1, 2, and App. p. 16. Carboniferous Limestone: near Ashford, Derbyshire. [C. 1547.]

Cone of Belemnite (*alveola*), v. **Belemnite**, cone of.

Conularia teres, J. Sowerby, Min. Conch. vol. iii, p. 108, 1820, pl. eclx, ff. 1 & 2 (reversed). *Orthoceras teres* (J. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 121. Carboniferous Limestone: "Tronlie Bank," near Glasgow. [36475.]

"**Cornu ammonis**," J. Parkinson, Org. Rem. vol. iii, p. 140, pl. ix, f. 8 (reversed). Gault: "Foreign (?)." [43932.] Decomposing.

Cosmoceras parkinsoni, Aptychus probably belong to, v. under **Aptychus**.

Crioceras astierianus, A. d'Orbigny, Pal. Franç., Terr. Crét. vol. i, 1840–1842, p. 468, Atlas, pl. cxv bis, ff. 3, 4. Gault: Escragnolles (Var), France. [46953.]

Crioceras duvalli, C. Leveillé: J. Prestwich, 'Geology,' vol. ii, 1888, pl. xii, f. 3. Neocomian: Barrême (Basses-Alpes), France. [46924.]

Crioceratites bowerbankii, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, p. 410, pl. xxxiv, ff. 1, 1 a. Lower Greensand: I. of Wight. [46474.]

Cyrtoceras approximatum (J. de C. Sowerby): J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 172, pl. xx, ff. 1, 1 a. Wenlock Beds?, Dudley. [69780.]

Cyrtoceras ? bdellalites, J. Phillips, Pal. Foss. Cornwall, &c., 1841, p. 117, pl. xlvi, f. 223 a. Middle Devonian: Mudstone Bay, S. Devon. [C. 1574 a.]

Cyrtoceras ? bdellalites, J. Phillips, Pal. Foss. Cornwall, &c., 1841, p. 117, pl. xlvi, f. 223 b. Middle Devonian: Mudstone Bay, S. Devon. [C. 1574 b.]

Cyrtoceras centrifugum, J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 13, pl. ii, f. 1. Lower Silurian (Ordovician?): Rimkin, Himalaya Mts. [C. 4529.]

Cyrtoceras depressum, G. A. Goldfuss : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 263, ff. 46 a, b. Middle Devonian : Gerolstein, Eifel. [66380.]

Cyrtoceras fimbriatum, J. Phillips, Pal. Foss. Cornwall, &c., 1841, p. 114, pl. xliv, f. 214 a. Middle Devonian : Newton Bushel, S. Devon. [C. 1748.]

Cyrtoceras intermedium ?, F. M'Coy : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 179, pl. xviii, f. 13. Wenlock series : Dudley. [83602.]

Cyrtoceras macrum, J. F. Blake, v. **Cyrtoceras plebeium** (J. Barrande) : J. F. Blake.

Cyrtoceras nautiloideum, J. Phillips, Pal. Foss. Cornwall, &c., 1841, p. 116, pl. xlvi, f. 220 a. Middle Devonian : Newton Bushel, Devon. [C. 1749.]

Cyrtoceras nodosum, J. Phillips, Pal. Foss. Cornwall, &c., 1841, p. 116, pl. xlvi, f. 221. Middle Devonian : Newton Bushel, Devon. [C. 1747.]

Cyrtoceras obliquum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 269, ff. 47 a, b. Middle Devonian : Gerolstein, Eifel. [66378.]

Cyrtoceras plebeium (J. Barrande) : J. F. Blake, Brit. Foss. Ceph., pt. i, 1882, p. 176, pl. xix, f. 5. Wenlock Limestone : Dudley. [73909.] Named *Cyrtoceras macrum* in explanation of Plate.

Cyrtoceras præcox, J. W. Salter : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 166, pl. xviii, f. 6. Upper Tremadoc : Garth, near Portmadoc, Carnarvonshire. [C. 4059.]

Cyrtoceras sp., R. Etheridge, Quart. Journ. Geol. Soc. vol. xxxiv, p. 608, no figure. *Orthoceras arcticum*, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 38, ff. 3 a-d. Silurian (Niagara Formation) : Offley Island, Kennedy Channel, Arctic America (lat. 81° 16'). [89169.]

Cyrtoceras sp., J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 173, pl. x, f. 8. Middle Bala : Ardwell, Ayrshire. [C. 3436.]

Cyrtoceras (Meloceras) clathratum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 304, ff. 48 a, b. Silurian (Calcaires ampéliqueux) : Feuguerolles (Calvados), France. [81667.]

Dimorphoceras discrepans (T. Brown) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 223, f. 106 (suture-line). Carboniferous : High Green Wood, Yorkshire. [C. 256.]

Dimorphoceras gilbertsoni (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 221, f. 105 b. Carboniferous : locality not recorded. [C. 249.]

Dimorphoceras gilbertsoni (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 221, f. 105 c (suture-line). Carboniferous : locality not recorded. [C. 249.]

Dimorphoceras gilbertsoni (J. Phillips), v. **Goniatites gilbertsoni**, J. Phillips.

Dimorphoceras looneyi (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 224, f. 107 (suture-line). Carboniferous : Halifax, Yorkshire. [C. 5293 a.]

Discites compressus (J. Sowerby) : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 86, ff. 11 a, b. Carboniferous Limestone : Kildare, Ireland. [C. 134.]

Discites hibernicus, A. H. Foord & G. C. Crick, Geol. Mag. [3], vol. x, 1893, p. 254, woodc. A-D. Carboniferous Limestone : St. Doulagh's, co. Dublin, Ireland. [C. 4584.]

Discites (Phacoceras) oxystomus (J. Phillips) : A. H. Foord, v. **Nautilus oxystomus**, J. Phillips.

Discosorus conoideus, J. Hall : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 194, ff. 25 a, b. Silurian (Niagara Group) : Drummond Island, Lake Huron. [C. 2726.]

Discosorus gracilis, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 198, f. 26 a. Silurian (Niagara Group) : Niagara. [38562.]

Discosorus gracilis, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 198, f. 26 b. Silurian (Niagara Group) : Drummond Island, Lake Huron. [33424.]

Discosorus remotus, A. H. Foord, v. **Column composed of circular discs &c.**, J. J. Bigsby.

Dorateuthis syriaca, H. Woodward, Geol. Mag. [2], vol. x, 1883, p. 1, pl. i, f. 1. Upper Cretaceous (Senonian) : Sahel Alma, near Beirût, Lebanon, Syria. [C. 5017.]

Ellipsolites compressus, J. Sowerby, Min. Conch. vol. i, p. 84, 1813, pl. xxxviii, upper and lower figs.; two specimens. Carboniferous Limestone : Black-rock, near Cork, Ireland. [43867 a, b.]

Ellipsolithes funatus, J. Sowerby, Min. Conch. vol. i, p. 81, 1813, pl. xxxii. Carboniferous Limestone : Black-rock, near Cork, Ireland. [43884.]

Ellipsolithes ovatus, J. Sowerby, Min. Conch. vol. i, p. 83, 1813, pl. xxxvii. Carboniferous Limestone : Black-rock, near Cork, Ireland. [43872 a.]

Endoceras festinans, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 163, pl. xvii, ff. 3, 3a. Ordovician (Bala) : Worthin, Shropshire. [65249.]

Endoceras rottermundi, J. Barrande, Syst. Sil. de la Bohême, vol. ii, Texte iii, 1874, p. 749; pl. ccxx, 1866, ff. 9-11. Ordovician (Black River Formation) : Lake Huron. [C. 2662.]

Endoceras trochleare, W. Hisinger : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 147, f. 15. Ordovician (*Orthoceras*-Limestone) : Gerbz, Sweden. [15406.] Only a portion of specimen figured.

Endoceras trochleare, W. Hisinger, var. **percostatum**, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 147, f. 16. Ordovician (*Orthoceras*-Limestone) : Kinnekulle (Westrogothia), Sweden. [C. 2650.] Only a portion of specimen figured.

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 129, f. 11. Ordovician (*Orthoceras*-Limestone) : Kinnekulle (Westrogothia), Sweden. [C. 2622.]

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 131, f. 13. Ordovician (*Orthoceras*-Limestone) : Oeland, Sweden. [C. 2631.]

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 138, f. 14 a. Ordovician (*Orthoceras*-Limestone): Kinnekulle (Westrogothia), Sweden. [C. 2619.] Lower portion only of specimen figured.

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 138, f. 14 c. Ordovician (*Orthoceras*-Limestone): Kinnekulle (Westrogothia), Sweden. [C. 2634.]

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 138, f. 14 b. Ordovician (*Orthoceras*-Limestone): Kinnekulle (Westrogothia), Sweden. [C. 2627.] Only the lower portion of specimen figured.

Endoceras wahlenbergi, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 138, f. 14 d. Ordovician (*Orthoceras*-Limestone): Kinnekulle (Westrogothia), Sweden. [C. 2625.]

Endoceras sp., A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 129, f. 10. Ordovician (*Orthoceras*-Limestone): Sweden. [C. 2645.] Only the upper portion of specimen figured.

Ephippioceras clitellarium (J. de C. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 100, ff. 13 a, b. Coal-Measures: Madeley, Shropshire. [C. 417.]

Ephippioceras costatum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 104, f. 14. Coal-Measures: Madeley, Shropshire. [C. 467 a.]

Gastrioceras carbonarium (L. v. Buch): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 230, ff. 110 a, b, c. Lower Coal-Measures: Halifax, Yorkshire. [C. 5939.]

Gastrioceras carbonarium (L. v. Buch): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 230, f. 110 d (suture-line). Coal-Measures: Lancashire. [C. 2273.] Specimen decomposing.

Gastrioceras coronatum, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 236, ff. 112 a, b, d, e. Carboniferous: locality not recorded. [97356.]

Gastrioceras coronatum, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 236, f. 112 c (suture-line). Lower Coal-Measures : Bacup, Lancashire. [C. 5938.]

Gastrioceras jossæ (de Verneuil) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 227, ff. 109 a, b, c. Permo-Carboniferous (Artinsk-Stufe) : Perm, Russia. [C. 1505.]

Gastrioceras listeri (W. Martin) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 234, ff. 111 a, b, c. Lower Coal-Measures : Lancashire. [C. 4953.]

Gephyroceras acutum (Keyserling) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 290, f. 143 (suture-line). Upper Devonian (Domanik-Schichten) : River Uchta, tributary of the River Ishma, Govt. Archangel, Petschora-Land, Russia. [C. 5924 a.]

Gephyroceras intumescens (H. E. Beyrich) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 69, ff. 25 a, b, c. Upper Devonian : Frasnes, Belgium. [32816.]

Gephyroceras intumescens (H. E. Beyrich); v. also **Goniatites intumescens**, H. E. Beyrich.

Gephyroceras keyserlingi (C. G. Giebel) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 288, f. 142 (suture-line). Upper Devonian (Domanik-Schichten) : River Uchta, tributary of the River Ishma, Govt. Archangel, Petschora-Land, Russia. [C. 5926.]

Gephyroceras retrorsum? (L. v. Buch) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 70, f. 30 (suture-line). Upper Devonian : Saltern Cove, near Torquay, Devon. [C. 1967.]

Glyphioceras bidorsale (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 201, f. 97 (suture-line). Carboniferous Shale : Woodfold, Yorkshire. [C. 277.]

Glyphioceras bilingue (J. W. Salter) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 192, f. 93 (suture-line). Carboniferous ; Halifax, Yorkshire. [C. 5288.]

Glyphioceras crenistria (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 161, f. 76. Carboniferous Limestone : Bolland, Yorkshire. [C. 5080.]

Glyphioceras davisi, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 198, ff. 95 *a*, *b*, *c*. Carboniferous : Halifax, Yorkshire. [C. 5284.]

Glyphioceras diadema (H. E. Beyrich): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 203, ff. 98 *a*, *b*. Carboniferous : Chokier, Belgium. [64814.]

Glyphioceras diadema (H. E. Beyrich): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 203, f. 98 *c* (suture-line). Carboniferous : Chokier, Belgium. [64811.]

Glyphioceras excavatum (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 200, f. 96 (suture-line). Carboniferous Limestone : Bowes, Yorkshire. [C. 251 *b*.]

Glyphioceras fimbriatum, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 165, ff. 77 *a*, *b*, *c*. Carboniferous Limestone : locality not recorded. [C. 284 *a*.]

Glyphioceras hispanicum, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 190, ff. 91 *a*, *b*, *c*. Carboniferous : Asturias, Spain. [37492.]

Glyphioceras implicatum (J. Phillips): A. H. Foord & G. C. Crick, v. **Goniatites implicatus**, J. Phillips.

Glyphioceras micronotum (J. Phillips): A. H. Foord & G. C. Crick, v. **Goniatites micronotus**, J. Phillips.

Glyphioceras nitidum (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 187, f. 88 (suture-line). Carboniferous Limestone : Todmorden, Yorkshire. [C. 5382.]

Glyphioceras obtusum (J. Phillips): A. H. Foord & G. C. Crick, v. **Goniatites obtusus**, J. Phillips.

Glyphioceras ? paucilobum (J. Phillips): A. H. Foord & G. C. Crick, v. **Goniatites paucilobus**, J. Phillips.

Glyphioceras phillipsi, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 172, f. 80 (suture-line). Carboniferous : High Green Wood, Yorkshire. [C. 5099 a.]

Glyphioceras phillipsi, A. H. Foord & G. C. Crick, v. also **Goniatites obtusus**, J. Phillips.

Glyphioceras platylobum (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 183, ff. 86 a, b, c. Carboniferous Limestone : Todmorden, Yorkshire. [C. 5384.]

Glyphioceras reticulatum (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 194, f. 94 (suture-line). Carboniferous Limestone : Bolland, Yorkshire. [51394.]

Glyphioceras sphæricum (W. Martin) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 154, ff. 73 a, b. Carboniferous Limestone : Crowdicote, near Buxton, Derbyshire. [30214 b.]

Glyphioceras sphæricum (W. Martin) : A. H. Foord & G. C. Crick, v. also **Ammonites sphæricus**, W. Martin.

Glyphioceras stenolobum (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 185, ff. 87 a, b, c. Carboniferous Limestone : locality not recorded. [C. 263.]

Glyphioceras striatum (J. Sowerby) : A. H. Foord & G. C. Crick, v. **Ammonites striatus**, J. Sowerby.

Glyphioceras truncatum (J. Phillips) : A. H. Foord & G. C. Crick, v. **Goniatites truncatus**, J. Phillips.

Glyphioceras vesica? (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 178, f. 83 (suture-line). Carboniferous Limestone : Black Hall, Bolland, Yorkshire. [C. 280 b.]

Glyphioceras sp., A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 191, f. 92 (suture-line). Carboniferous : Asturias, Spain. [37493.]

Gomphoceras cinctum, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 197, pl. xxiii, f. 5. Lower Ludlow : Ludlow. [C. 3370.]

Gomphoceras eta, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 194, pl. xxii, ff. 5, 5 a. Lower Ludlow : Mocktree, Herefordshire ("Leintwardine"—Blake). [36963.]

Goniatites aequilobatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 139, pl. viii, ff. 14 a-c. Trias : St. Cassian. [36007 a.]

Goniatites aratus, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 66, pl. vi, ff. 16, 16 a. Middle Devonian : Barton, near Torquay, S. Devon. [C. 1802 a.]

Goniatites bidorsatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 140, pl. viii, ff. 16 a-c. Trias : St. Cassian. [35997.] Little smaller than Klipstein indicates.

Goniatites blumi, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 139, pl. viii, ff. 13 a-c. Trias : St. Cassian. [36004 a.] Tablet with eleven specimens is labelled in Klipstein's handwriting "*Goniatites blumi*, nob. : viii. 13," and doubtless the specimen 36004 a is the type. It is, however, a little smaller than Klipstein indicates.

Goniatites bronnii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 141, pl. viii, ff. 18 a, b. Trias : St. Cassian. [36014 a.] Specimen only 10 mm. in diameter.

Goniatites bronnii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 141, pl. viii, f. 18 c. Trias : St. Cassian. [36014 b.] Most probably the specimen from which the suture-line was drawn.

Goniatites carina, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, ff. 63, 64. Carboniferous Limestone : Bolland, Yorkshire. [C. 274.]

Goniatites circumflexifer ?, G. & F. Sandberger : G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 71, pl. vi, f. 17. Middle Devonian : Barton, near Torquay, S. Devon. [73810.]

Goniatites crenistria, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, ff. 7-9. Carboniferous Limestone : Bolland, Yorkshire. [C. 282 a.]

Goniatites cyclolobus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, ff. 40-42. *Pronorites cyclolobus* (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 261, ff. 125 a, b, c. Carboniferous Limestone : Grassington, Yorkshire. [C. 264.] Locality given by Phillips as "Bolland" on p. 237, but corrected in list of "Errata observed."

Goniatites dufrenoii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 142, pl. viii, ff. 20 *a*, *b*. Trias: St. Cassian. [36013 *a*.] Probably the figured specimen; if so, the figure is reversed.

Goniatites dufrenoii, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 142, pl. viii, f. 20 *c* (suture-line). Trias: St. Cassian. [36013 *b*.] Most probably the specimen from which the suture-line was drawn.

Goniatites excavatus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 235, pl. xix, f. 33. Carboniferous Limestone: Bowes, Yorkshire. [C. 251.]

Goniatites excavatus, J. Phillips, Pal. Foss. S. Devon, Cornwall, &c., 1841, pl. 1, ff. 232 *a*, *b*. *Goniatites molarius*, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 64. Middle Devonian: Wolborough, S. Devon. [C. 1803 *a*.]

Goniatites gilbertsoni, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 236, pl. xx, ff. 27, 28. *Dimorphoceras gilbertsoni* (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 221, f. 105 *a*. Carboniferous: locality not recorded. [C. 249.]

Goniatites hughesii, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 69, pl. vi, ff. 2, 2 *a*. *Tornoceras hughesii* (G. F. Whidborne): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 118, f. 54 (suture-line). Middle Devonian: Lummaton, S. Devon. [C. 1528 *a*.]

Goniatites hughesii, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 69, pl. vi, f. 3. *Tornoceras whidbornei*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 120, f. 56 (suture-line). Middle Devonian: Lummaton, S. Devon. [C. 1528 *b*.]

Goniatites implicatus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 235, pl. xix, f. 24. *Glyphioceras implicatum* (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 180, f. 84 (suture-line). Carboniferous Limestone: Black Hall, Bolland, Yorkshire. [C. 243 *a*.]

Goniatites ? infrafurcatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 136, pl. viii, ff. 9 *a*, *b*. Trias: St. Cassian. [36002.]

Goniatites intercostalis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, ff. 61 & 62. Carboniferous Limestone : Bolland, Yorkshire. [C. 245.] Referred to the genus *Leveillia*. (See Geol. Mag. [3], vol. viii, 1891, p. 205.)

Goniatites intumescens, H. E. Beyrich : with *Aptychus in situ*, H. Woodward, Geol. Mag. [3], vol. ii, 1885, p. 345, pl. ix, ff. 1, 2. *Gephyroceras intumescens* (H. E. Beyrich) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 277, ff. 134 a, b. Upper Devonian : Bicken, near Herborn, Nassau. [C. 650.]

Goniatites iris, A. v. Klipstein, Beitr. zur geol. Kennn. östlichen Alpen, 1843, p. 141, pl. viii, ff. 17 a, b. Trias : St. Cassian. [36009 a.] This specimen and two others are labelled in Klipstein's handwriting "*Goniatites(?) iris*, nob. : St. Cassian." Although not thus marked, the specimen no. 36009 a agrees so closely with Klipstein's figure, that without doubt it is the figured specimen.

Goniatites micromphalus (J. Morris) : A. H. Foord, Geol. Mag. [3], vol. vii, 1890, p. 104, pl. v, f. 10. Carboniferous : Liveryna, Kimberley District, Western Australia. [C. 4156.]

Goniatites micromphalus (J. Morris) : A. H. Foord, Geol. Mag. [3], vol. vii, 1890, p. 104, pl. v, f. 10 a. Carboniferous : Liveryna, Kimberley District, Western Australia. [G. 7423.]

Goniatites micronotus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, ff. 22, 23. *Glyphioceras micronotum* (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 174, f. 81 (suture-line). Carboniferous Limestone : Bolland, Yorkshire. [C. 262 a.]

Goniatites mixolobus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx. f. 43. *Prolecanites mixolobus* (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 245, ff. 116 d, e. Carboniferous Limestone : Bolland, Yorkshire. [C. 281 a.]

Goniatites molarius, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 64, pl. vi, ff. 4, 4 a. *Tornoceras molarium* (G. F. Whidborne) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 125, f. 58 (suture-line). Middle Devonian : Wolborough, S. Devon. [30306 a.]

Goniatites molarius, G. F. Whidborne, v. also **Goniatites excavatus**, J. Phillips.

Goniatites multilobatus (H. E. Beyrich): F. Roemer, Geol. Mag. [2], vol. vii, 1880, p. 145, pl. v, f. 1. Upper Devonian: Lower Dunscombe, near Chudleigh, S. Devon. [C. 1835.]

Goniatites multilobatus (H. E. Beyrich): F. Roemer, Geol. Mag. [2], vol. vii, 1880, p. 145, pl. v, f. 2. Upper Devonian: Lower Dunscombe, near Chudleigh, S. Devon. [C. 1836.]

Goniatites nitidus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 235, pl. xx, f. 10 (slightly enlarged). Carboniferous Limestone: Ribble River, Yorkshire. [C. 279 a.]

Goniatites nitidus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 235, pl. xx, f. 11 (enlarged). Carboniferous Limestone: Ribble River, Yorkshire. [C. 279 b.]

Goniatites obliquus, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 56, pl. v, f. 2 (suture-line). Middle Devonian: Wolborough, S. Devon. [C. 1740.]

Goniatites obtusus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, f. 10. *Glyphioceras obtusum* (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 170, f. 79 (suture-line). Carboniferous Limestone: Black Hall, Bolland, Yorkshire. [C. 247 a.]

Goniatites obtusus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, f. 12 (slightly enlarged). *Glyphioceras phillipsi*, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 172. Carboniferous Limestone: locality not recorded. [C. 241 a.]

Goniatites ornatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 138, pl. viii, ff. 12 a-c. Trias: St. Cassian. [35974.] Rather smaller than Klipstein indicates.

Goniatites? paucilobus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 236, pl. xx, f. 38. *Glyphioceras? paucilobum* (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 209, f. 100. Carboniferous Limestone: locality not recorded. [C. 257.] In his explanation of the plate, Phillips indicates that the figured specimen was in the Gilbertson Collection. This is the only specimen in this Collection referable to this species, and as it agrees fairly well with Phillips's figure, there can be scarcely any doubt as to its being the type-specimen.

Goniatites pentangularis, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 79, pl. vii, ff. 2, 2a. Middle Devonian : Barton, S. Devon. [G. 9845.] Not a Goniatite, but referable to the genus *Leveillia*.

Goniatites radiatus, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 140, pl. viii, ff. 15 a, b, c. Trias : St. Cassian. [35998 a.] Three specimens (35998 a-c) are labelled in Klipstein's handwriting "*Goniatites radiatus*, nob.: St. Cass.," one of which (a) agrees so closely with Klipstein's figure that most probably it is the original. It is, however, only 9 mm. in diameter.

Goniatites rotiformis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, f. 56. Carboniferous Limestone : loc. (?) [C. 271.]

Goniatites serpentinus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, f. 48. Carboniferous Limestone : Black Hall, Bolland, Yorkshire. [C. 265 a.]

Goniatites sphæricus (W. Martin) : J. Phillips, Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, f. 4 (enlarged). Carboniferous Limestone : Bolland, Yorkshire. [C. 290 a.]

Goniatites spirorbis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, f. 52. Carboniferous Limestone : Black Hall, Bolland, Yorkshire. [C. 270 a.] If the figured specimen, Phillips's figure has been somewhat restored.

Goniatites transitorius, J. Phillips : G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 61, pl. v, f. 8. Middle Devonian : Wolborough, S. Devon. [36279.]

Goniatites transitorius, J. Phillips : G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 61, pl. ix, f. 7. Middle Devonian : Wolborough, S. Devon. [23707.]

Goniatites truncatus, J. Phillips : Geol. Yorks. pt. ii, 1836, p. 234, pl. xix, ff. 20, 21 (reduced). *Glyphioceras truncatum*, (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 176, f. 82 (suture-line). Carboniferous Limestone : Bolland, Yorkshire. [C. 240.]

Goniatites vesica, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 236, pl. xx, f. 20. Carboniferous Limestone : Black Hall, Bolland, Yorkshire. [C. 280 a.]

Goniatites vittiger, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xx, ff. 59, 60. Carboniferous Limestone: Bolland, Yorkshire. [C. 273 a.]

Goniatites sp., A. H. Foord, Geol. Mag. [3], vol. vii, 1890, p. 102, pl. v, f. 4. Carboniferous? or Devonian?: Mt. Pierre, near the Fitzroy River, Kimberley District, Western Australia. [C. 4154.]

Goniatites sp., A. H. Foord, Geol. Mag. [3], vol. vii, 1890, p. 102, pl. v, f. 5. Carboniferous? or Devonian?: Mt. Pierre, near the Fitzroy River, Kimberley District, Western Australia. [C. 4153.]

Gonioceras anceps, J. Hall: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 325, ff. 49 a, b. Ordovician (Black River Formation): Watertown, Jefferson County, New York State, Canada. [C. 4079.]

Grammoceras mactra (E. Dumortier): S. S. Buckman, v. **Harpo-ceras aalense** (C. H. de Zieten): T. Wright.

Grammoceras striatulum (J. de C. Sowerby): S. S. Buckman, v. **Ammonites striatus**, J. de C. Sowerby.

Gyroceras hibernicum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 65, ff. 5 a, b. Carboniferous Limestone: near Dublin. [1706.]

Gyroceras leei, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 101, pl. xii, ff. 2, 2 a. Middle Devonian: Lummaton, S. Devon. [I. 1108.]

Gyroceras (Aipoceras) compressum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 68, ff. 6 a, b. Carboniferous Limestone: Ireland. [37873.]

Gyroceras (Trigonoceras) paradoxicum (J. de C. Sowerby): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 70, ff. 7 a, b, c. Carboniferous Limestone: Kildare, Ireland. [30223.]

Hamites armatus, J. Sowerby, Min. Conch. vol. iii, p. 234, 1819, pl. ccxxxiv, f. 2. Greensand: I. of Wight. [44007.]

Hamites armatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 121, pl. xxiii, f. 3. Chalk Marl: Hamsey, Sussex. [36567 a.]

Hamites armatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 121, pl. xxiii, f. 4. Chalk Marl: Hamsey, Sussex. [4842.]

Hamites attenuatus, J. Sowerby, Min. Conch. vol. i, p. 137, 1814, pl. lxi, ff. 4 & 5; two specimens. Gault: Folkestone. [43991 a, b.]

Hamites attenuatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 93, pl. xix, f. 29. Gault: Cooksbridge, Sussex. [9049.]

Hamites baculoides, G. A. Mantell, Foss. S. Downs, 1822, p. 123, pl. xxiii, f. 6. Chalk Marl: Sussex. [8612.]

Hamites baculoides, G. A. Mantell, Foss. S. Downs, 1822, p. 123, pl. xxiii, f. 7. Chalk Marl: Sussex. [36576 a.]

Hamites compressus, J. Sowerby, Min. Conch. vol. i, p. 138, 1814, pl. lxi, ff. 7 & 8; two specimens. Gault: Folkestone. [43992.]

Hamites cylindraceus, J. L. M. Defrance: S. P. Woodward, Man. Mollusca, 1851-56, p. 96, f. 58 (suture-lines). Upper Cretaceous, Baculite Limestone: Fréville, Normandy. [6410 b.]

Hamites gibbosus, J. Sowerby, Min. Conch. vol. i, p. 140, 1814, pl. lxii, f. 4, right-hand figure (reversed). Gault: Folkestone. [43995.]

Hamites intermedius, J. Sowerby, Min. Conch. vol. i, p. 139, 1814, pl. lxii, f. 2, right-hand figure. Gault: Folkestone. [43993.]

Hamites intermedius, J. Sowerby, Min. Conch. vol. i, p. 139, 1814, pl. lxii, ff. 2 (except right-hand figure), 3 (except left-hand figure), & 4 (except right-hand figure); five specimens. Gault: Folkestone. [43994 a-e.]

Hamites intermedius, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 93, pl. xxiii, f. 12. Gault: Ringmer, Sussex. [9042.]

Hamites nodosus, J. Sowerby, Min. Conch. vol. i, p. 30, 1818, pl. cxxvi, f. 3. Gault: Folkestone. [43997.]

Hamites plicatilis, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 121, pl. xxiii, f. 1. Chalk Marl: Hamsey, Sussex. [36568.]

Hamites plicatilis, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 122, pl. xxiii, f. 2. Chalk Marl: Hamsey, Sussex, [36567 b.]

Hamites rotundus, J. Sowerby, Min. Conch. vol. i, p. 136, 1814, pl. lxi, ff. 2 & 3; three specimens. Gault: Folkestone. [43990 a, b, c.]

Hamites spiniger, J. Sowerby, Min. Conch. vol. iii, p. 29, 1818, pl. ccxvi, f. 2; three specimens. Gault: Folkestone and Burstead. [43996 a, b, c.] Central portion is labelled "Burstead."

Hamites tenuis, J. Sowerby, Min. Conch. vol. i, p. 136, 1814, pl. lxi, f. 1. Gault: Folkestone. [43989.]

Hamites tuberculatus, J. Sowerby, Min. Conch. vol. iii, p. 30, 1818, pl. ccxvi, ff. 4 & 5; three specimens. Gault: Folkestone. [43998 a, b, c.]

Hamites turgidus, J. Sowerby, Min. Conch. vol. iii, p. 30, 1818, pl. ccxvi, f. 6. Gault: Folkestone. [43999.]

Hamites, W. Smith, Strata identified by organized Fossils, 1816, p. 13, pl. vii, f. 2. Gault: near Grumston. [C. 628.]

Hamite, fragment of a large, G. A. Mantell, Foss. S. Downs, 1822, p. 123, pl. xxiii, f. 5. Chalk Marl: Hamsey, Sussex. [36572.]

Haploceras, v. Ammonites (**Haploceras**).

Harpoceras aalense (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, pl. lxxv, f. 10; pt. vii, 1884, p. 459. **Grammoceras mactra** (E. Dumortier): S. S. Buckman, Inf. Oo. Amm. (Mon. Pal. Soc.), pt. iv, 1890, p. 193. Inferior Oolite: Loc. (?). [C. 1863.]

Harpoceras antiquum, T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lvii, ff. 1, 2; pt. vi, 1883, p. 431. Lower Lias (*jamesoni*-zone): Robin Hood's Bay, Yorkshire. [C. 1885.]

Harpoceras bifrons (J. G. Bruguière): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lix, ff. 1, 2; pt. vi, 1883, p. 437. Upper Lias (*bifrons*-zone): Whitby, Yorkshire. [C. 1929.]

Harpoceras elegans (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lxiii, ff. 1-3; pt. vii, 1884, p. 447. Upper Lias (*serpentinus*-zone): Whitby, Yorkshire. [C. 1859.]

Harpoceras insigne (Schübler): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, pl. lxxv, ff. 1-3; pt. vii, 1884, p. 453. Upper Lias (*jurensis*-zone): Loc. (?), probably from Gloucestershire. [C. 1858.]

Harpoceras levisoni (M. Simpson): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lx, ff. 1, 2; pt. vi, 1883, p. 439. Upper Lias (*bifrons*-zone): Gretton, Gloucestershire. [C. 2203.]

Harpoceras normanianum (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vii, 1884, p. 470, pl. lxxxiii, ff. 1, 2. Upper Lias ("Middle Lias?"—Wright): Somerset. [50623.]

Harpoceras opalinum (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vii, 1884, p. 464, pl. lxxx, ff. 4, 5, Inferior Oolite: near Stroud, Gloucestershire. [C. 1862.]

Harpoceras opalinum (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vii, 1884, p. 464, pl. lxxx, ff. 6, 7, 8. Inferior Oolite: Haresfield, Gloucestershire. [C. 1884.]

Harpoceras ovatum (G. Young & J. Bird): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lxiii, ff. 4-7; pt. vii, 1884, p. 446. Upper Lias (*serpentinus*-zone): Whitby, Yorkshire. [C. 2202.]

Harpoceras radians (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lxiv, ff. 5-7; pt. vii, 1884, p. 450. Upper Lias (Lias ξ—*jurensis*-zone): Aalen, Würtemberg. [22082.]

Harpoceras radians (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, pl. lxxiv, ff. 1, 2; pt. vii, 1884, p. 449. Upper Lias Sands (*jurensis*-zone): Ozleworth, Gloucestershire. [C. 1917.]

Harpoceras radians (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vii, 1884, p. 451, pl. lxxxii, ff. 4-6. Upper Lias (*communis*-zone): Down Cliff, Charmouth ("East Brent Knoll, Somerset"—Wright). [C. 2200.]

Harpoceras serpentinum (J. C. M. Reinecke): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lviii, ff. 1, 2, 3; pt. vi, 1883, p. 433. Upper Lias (*serpentinus*-zone): Loc. (?). [C. 1918.]

Harpoceras variabile (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, p. lxvii, ff. 3, 4; pt. vii, 1884, p. 457. Upper Lias (*jurensis*-zone): Frocester, Gloucestershire. [C. 1860.]

Harpoceras variabile (A. d'Orbigny): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lxvii, ff. 5, 6; pt. vii, 1884, p. 457. Upper Lias (*jurensis*-zone): near Bridport, Somerset. [C. 1861.]

Haugia variabilis (A. d'Orbigny): S. S. Buckman, v. **Ammonites jugosus**, J. Sowerby.

Helicoceras elegans, C. König, Icones fossilium sectiles, 1825, pl. xix, f. 249, is a Gasteropod.

Hercoglossa cassiniana, A. H. Foord & G. C. Crick: R. B. Newton & G. F. Harris, Proc. Malac. Soc. vol. i, pt. 3, 1894, p. 129, pl. x, ff. 4, 5. London Clay: Sheppen. [35492.]

Hercoglossa, v. also **Nautilus (Hercoglossa)**.

Hoplites subundoræ, A. Pavlow, Bull. Soc. Imp. Nat. Moscou, 1891, nos. 2 & 3 (1892), pl. iv (i), f. 8; no. 4 (1892), p. 457. Speeton Clay (Beds F.—Kimeridgian): Speeton, Yorkshire. [C. 4650.]

Hoplites, v. also **Ammonites (Hoplites)**.

Hungarites nitiensis, E. v. Mojsisovics, v. **Ammonites floridus**, X. Wülfen: J. W. Salter.

Huronia bigsbei, C. Stokes, v. **Huronia sp. ii**, J. J. Bigsby.

Huronia obliqua, C. Stokes: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 200, f. 28. Silurian (Niagara Group): Drummond Island, Lake Huron. [36087.]

Huronia obliqua, C. Stokes, v. **Huronia sp. iv**, J. J. Bigsby.

Huronia portlockii, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 710, pl. lx, f. 5. Silurian (Niagara Group): Drummond Island, Lake Huron. [33418.]

Huronia sphæroidalis, C. Stokes, v. **Huronia sp. v**, J. J. Bigsby.

Huronia turbinata, C. Stokes, v. **Huronia sp. iii**, J. J. Bigsby.

Huronia vertebralis, C. Stokes, v. **Huronia, sp. i**, J. J. Bigsby.

Huronia, sp. i, J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 202, pl. xxviii, f. 2. *Huronia vertebralis*, C. Stokes, ibid., explanation of plate. Silurian (Niagara Group): Drummond Island, Lake Huron. [23460.]

Huronia, sp. ii, J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 203, pl. xxviii, f. 1. *Huronia bigsbei*, C. Stokes, ibid., explanation of plate. Silurian (Niagara Group): Drummond Island, Lake Huron. [C. 2948.]

Huronia, sp. iii, J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 203, pl. xxviii, f. 3. *Huronia turbinata*, C. Stokes, ibid., explanation of plate. Silurian (Niagara Group): Drummond Island, Lake Huron. [C. 2954.]

Huronia, sp. iv, J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 203, pl. xxviii, f. 4. *Huronia obliqua*, C. Stokes, ibid., explanation of plate. Silurian (Niagara Group): Drummond Island, Lake Huron. [33433.]

Huronia, sp. v, J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, 1824, p. 203, pl. xxviii, f. 5. *Huronia sphaeroidalis*, C. Stokes, ibid., explanation of plate. Silurian (Niagara Group): Drummond Island, Lake Huron. [33863.]

Huronia sp., C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 710, pl. ix, f. 2. Silurian (Niagara Group): Drummond Island, Lake Huron. [33417.]

Huronia sp., C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 710, pl. ix, f. 3. Silurian (Niagara Group): Drummond Island, Lake Huron. [33419.]

Jovellania murrayi (E. Billings): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 329, ff. 50 a, b, c. Ordovician (Trenton Formation): St. Joseph's Island, Lake Huron. [26584.]

Large Belemnite, W. Smith, Strata identified by organized Fossils, 1816, p. 22, pl. xii, f. 1. Oxford Clay: Dudgrove Farm. [C. 640.]

Lioceras concavum (J. Sowerby): S. S. Buckman, v. **Ammonites concavus**, J. Sowerby.

Lituites iuliformis, J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 14, pl. ii, ff. 2, 2 a. Silurian ?: Chorhoti Pass, Himalaya. [C. 4531.]

Loligo affinis, C. Koenig, Icones Fossilium Sectiles, 1825, pl. xvii, f. 203 (reversed). Lower Kimeridgian (Lithographic Stone): Solenhofen, Bavaria. [C. 5761.]

Loligo longævus, C. Koenig, Icones Fossilium Sectiles, 1825, pl. xvii, f. 202 (reversed). Lower Kimeridgian (Lithographic Stone): Solenhofen, Bavaria. [C. 5760.]

Ludwigia murchisonæ (J. de C. Sowerby): S. S. Buckman, v. **Ammomites murchisonæ**, J. de C. Sowerby.

Lytoceras fimbriatum (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 407, pl. lxxi, f. 1. Middle Lias (*margaritatus*-zone): Lyme Regis, Dorset. [C. 1916.]

Lytoceras fimbriatum (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 407, pl. lxxii, ff. 1-3. Middle Lias (*margaritatus*-zone): Lyme Regis, Dorset. [C. 1913.]

Lytoceras fimbriatum (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 408, pl. lxxii, f. 4 (suture-line). Middle Lias (*margaritatus*-zone): Lyme Regis, Dorset. [C. 1889.]

Lytoceras hircinum (F. F. v. Schlotheim): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 415, pl. lxxv, f. 6. Upper Lias (*jurensis*-zone): Frocester Hill, Gloucestershire. [C. 1854.]

Lytoceras hircinum (F. F. v. Schlotheim), var.: T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 415, pl. lxxv, f. 7. Upper Lias (*jurensis*-zone): Frocester Hill, Gloucestershire. [C. 1855.]

Lytoceras hircinum (F. F. v. Schlotheim): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 416, pl. lxxvi, f. 6. Upper Lias (*jurensis*-zone): Germany. [C. 1856.]

Lytoceras jurense (C. H. de Zieten): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 413, pl. lxxiv, ff. 3, 4, 5. Upper Lias: Loc. (?), but probably from Frocester Hill, v. Wright, p. 314. [C. 1901.] From the "Wright coll.," but some doubt about its being the figured specimen.

Lytoceras lineatum (E. F. v. Schlotheim): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. v, 1882, pl. lxix, f. 1; pt. vi, 1883, p. 409. Middle Lias (*henleyi*-zone): Lyme Regis, Dorset. [C. 2206.]

Lytoceras torulosum (Schübler): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, pt. 417, pl. lxxvi, f. 4. Brown Jura a (Upper Lias): Metzingen, Würtemberg. [C. 2199.]

Lytoceras torulosum (Schübler): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 417, pl. lxxvi, f. 5. Upper Lias (*jurensis*-zone): Loc. (?), probably from Würtemberg. [C. 1857.]

Maeneceras terebratum (G. & F. Sandberger): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 121, ff. 57 a, b. Middle Devonian: Adorf, Waldeck. [C. 1843.]

Mandible of Nautiloid, lower, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 367, f. 78 g. Lias: Lyme Regis. [C. 1526.]

Mandible of Nautiloid, lower, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 369, f. 80 d. Lower Chalk: Dover. [37869.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, p. 367, ff. 78 a, b, c. Inferior Oolite: Swanswick, Bath. [34509.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, p. 367, ff. 78 d, e, f. Lias: Lyme Regis, Dorset. [35039.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 368, f. 79 a. Gault: near Folkestone. [C. 842 a.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 368, ff. 79 b, c. Gault: near Folkestone. [C. 842 b.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, p. 368, f. 79 d. Gault: near Folkestone. [C. 842 c.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 368, ff. 79 e, f, g. Neocomian?: S. of France. [73814 a.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 369, f. 80 a. Chalk: Offham Pit, Lewes, Sussex. [98207.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 369, ff. 80 b, c. Lower Chalk: Maidstone. [39788.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 369, ff. 80 e, f, g. Upper Greensand: Devizes, Wiltshire. [88876 a.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 370, ff. 81 a, b, c. Cambridge Greensand: Cambridge. [39626.]

Mandible of Nautiloid, upper, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 371, ff. 83 a, b, c. Miocene: Malta. [C. 3465 a.]

Mandibles of *Nautilus pompilius*, Linn., v. under **Nautilus pompilius**, Linn.

Meloceras, v. **Cyrtoceras** (**Meloceras**).

Mimoceras ambigena (J. Barrande): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 38, f. 6 (suture-line). Devonian (Étage G, bande g₃): Hlubočep, Bohemia. [70971 b.]

Mimoceras compressum (H. E. Beyrich): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, p. 34, f. 5 a. Lower Devonian: Wissenbach, Nassau. [C. 1726.]

Münsteria praelonga, E. Deslongchamps, Mém. Soc. Linn. Norm. vol. v, 1835, p. 65, pl. ii, f. 3. Gt. Oolite (Calcaire de Caen): Allemagne, near Caen (Calvados), France. [70572.]

N. Ammonites (*luidii*) &c., W. Martin, v. **Conchyliolithus N. Ammonites** (*luidii*) &c.

Nautilite, J. Parkinson, Organic Remains, 1811, p. 105, pl. vii, f. 15.
Nautilus parkinsoni, F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 49, pl. vii. Lower Eocene (London Clay): Harwich. [43869.]

Nautilus archiacianus, A. d'Orbigny: J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, p. 358, pl. xxix, f. 8. Chalk Marl: Sussex. [33617.]

Nautilus armatus, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, pl. xl, ff. 8 (upper & lower figures); expl. of plate. Coal-Measures: Coalbrook Dale, Shropshire. [C. 4687-8.]

Nautilus bayfieldi, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 406, f. 7 a. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 295, f. 66 a. Upper Chalk: Norwich. [C. 3103.]

Nautilus bayfieldi, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 406, f. 7 b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 295, f. 66 b. Upper Chalk: Norwich. [C. 3102.]

Nautilus biangulatus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xvii, f. 22. Carboniferous Limestone: locality not recorded. [C. 5332.]

Nautilus bilobatus, J. Sowerby, Min. Conch. vol. iii, p. 89, 1891, pl. cxlix, f. 2 (reversed). Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43863.]

Nautilus bistrialis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xvii, f. 21. Carboniferous Limestone: Bolland, Yorkshire. [C. 220 a.]

Nautilus burtonensis, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 288, ff. 17 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 233, ff. 54 a, b. Inferior Oolite: Burton-Bradstock, Dorset. [C. 2841.]

Nautilus calloviensis, A. Oppel: A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 290, ff. 18 *a*, *b*. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 234, ff. 55 *a*, *b*. Calcareous Grit: Marcham, Berkshire. [88979.]

Nautilus cantabrigiensis, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 288, ff. 63 *a*, *b*. Cambridge Greensand: Cambridge. [68510.]

Nautilus cariniferus, J. de C. Sowerby, Min. Conch. vol. v, p. 130, 1824, pl. cccclxxxii, f. 3. Carboniferous Limestone: Black-rock, Cork Harbour, Ireland. [43861.]

Nautilus cariniferus, J. Sowerby: J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xvii, f. 19. Carboniferous Limestone: Yorkshire. [C. 231.]

Nautilus centralis, J. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 45, pl. iii, f. 1 *a*. London Clay: Railroad, near Chalk Farm, Middlesex. [69651.]

Nautilus centralis, J. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 45, pl. iii, f. 1 *b*. London Clay: near Chalk Farm, Middlesex. [68934.]

Nautilus centralis, J. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 45, pl. iii, f. 1 *c*. London Clay: Loc. (?). [C. 6853.]

Nautilus centralis, J. Sowerby: J. de C. Sowerby in F. Dixon, Geol. Sussex, 1850, pp. 110, 121, 228, pl. xiv, f. 28. Eocene: Bognor, Sussex. [30243.]

Nautilus clausus, A. d'Orbigny: A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 224, f. 6 ("anterior boundary of the impression of the shell-muscle"). *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 226, f. 50 ("anterior boundary &c. shell-muscle"). Inferior Oolite: Caen, Normandy. [37024.]

Nautilus clitellarius, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, pl. xl, f. 5 *a*; expl. of plate. Coal-Measures: Coalbrookdale, Shropshire. [C. 4695.]

Nautilus cliterrarius, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, pl. xl, f. 5 b; expl. of plate. Coal-Measures: Coalbrookdale, Shropshire. [C. 4692.]

Nautilus comptoni, J. Sowerby, Min. Conch. vol. ii, p. 45, 1816, p. cxxi, belongs to the *Foraminifera*.

Nautilus concavus, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, pl. xl, f. 6 (right-hand figures); expl. of plate. Coal-Measures: Coalbrookdale, Shropshire. [C. 4698.]

Nautilus cyclostomus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xvii, f. 29. Carboniferous Limestone: Castleton, Derbyshire. [C. 224.]

Nautilus cyclostomus?, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xxi, f. 13 (somewhat reduced). Carboniferous Limestone: Whitewell, Derbyshire. [C. 226.]

Nautilus deslongchampsianus, A. d'Orbigny: D. Sharpe, Foss. Mollusca Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 12, pl. iii, ff. 1 a, b. Grey Chalk: near Lewes, Sussex. [32552 a.]

Nautilus deslongchampsianus, A. d'Orbigny: A. H. Foord & G. C. Crick, v. **Nautilus neocomiensis**, A. d'Orbigny: D. Sharpe.

Nautilus discus, J. Sowerby, Min. Conch. vol. i, p. 39, 1813, pl. xiii. Carboniferous Limestone: near Kendal, Westmoreland. [43866.]

Nautilus dorsalis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 231, pl. xvii, f. 17. Carboniferous Limestone: Loc. (?). [C. 211.]

Nautilus dorsalis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 231, pl. xviii, ff. 1, 2. *Solenochelus dorsalis* (J. Phillips): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 166, ff. 27 a, b. Carboniferous Limestone: Bolland, Yorkshire. [C. 2971.]

Nautilus elegans, J. Sowerby, Min. Conch. vol. ii, p. 33, 1816, pl. cxvi. *Id.*: G. A. Mantell, Foss. S. Downs, 1822, pl. xx, f. 1. *Id.*: A. H. Foord & G. C. Crick, Geol. Mag. [3], vol. vii, 1890, p. 548, ff. 1 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 272, ff. 60 a, b. Lower Chalk: Ringmer, Sussex. [5761.]

Nautilus elegans, J. Sowerby, Min. Conch. vol. ii, p. 33, 1816,
pl. cxvi; specimen probably used for figure of siphuncle. Chalk:
Loc. (?) [43859.]

Nautilus elegans, J. Sowerby : G. A. Mantell, Foss. S. Downs, 1822,
p. 113, pl. xxi, f. 4. Chalk Marl : Hamsey, Sussex. [70579.]

Nautilus elegans, J. Sowerby : G. A. Mantell, Foss. S. Downs, 1822,
p. 113, pl. xxi, f. 8. Chalk Marl : Sussex. [33552.]

Nautilus elegantoides, A. d'Orbigny : A. H. Foord & G. C. Crick,
Geol. Mag. [3], vol. vii, 1890, p. 549, ff. 2 a, b. *Id.* : A. H. Foord,
Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 278, ff. 61 a, b.
Upper Greensand (Grès Vert) : Honfleur (Calvados), France.
[37001.]

Nautilus excavatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 55,
1826, pl. dxxix, f. 1 (reversed). Inferior Oolite : Dorsetshire.
[43855.]

Nautilus expansus, J. de C. Sowerby, Min. Conch. vol. v, p. 83,
1824, pl. ccclviii, f. 1. Chalk Marl : Hamsey, Sussex. [43849.]

Nautilus fischeranus, A. H. Foord & G. C. Crick, Ann. Mag. Nat.
Hist. [6], vol. v, 1890, p. 272, ff. 6 a, b. *Id.* : A. H. Foord,
Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 207, ff. 39 a, b.
Upper Lias : Fontaine-Étope-Four (Calvados), France. [37007.]

Nautilus glaber, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist.
[6], vol. v, 1890, p. 279, ff. 10 a, b. *Id.* : A. H. Foord, Cat. Foss.
Ceph., British Museum, pt. ii, p. 216, ff. 44 a, b. Inferior Oolite :
Bayeux (Calvados), France. [C. 2840.]

Nautilus globatus, J. de C. Sowerby, Min. Conch. vol. v, p. 129, 1824,
pl. cccclxxxi, upper figure (reversed). Carboniferous Limestone :
Ireland. [43861.]

Nautilus globatus, J. de C. Sowerby, Min. Conch. vol. v, p. 129, 1824,
pl. cccclxxxi, lower figure. Carboniferous Limestone : Cork, Ireland.
[43848.]

Nautilus globatus, J. de C. Sowerby : J. Phillips, Geol. Yorks. pt. ii,
1836, p. 232, pl. xvii, f. 28. Carboniferous Limestone : Bolland,
Yorkshire. [C. 229.]

Nautilus goniolobus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xvii, f. 23. Carboniferous Limestone: Bolland, Yorkshire. [C. 221.]

Nautilus hexagonus, J. de C. Sowerby: R. Damon, Geol. Weymouth, Suppl. 1888, pl. v, f. 10. Coral Rag: Weymouth. [C. 3296.]

Nautilus hunstantonensis, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 402, ff. 4 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 290, ff. 64 a, b. Red Chalk: Hunstanton, Norfolk. [C. 932.]

Nautilus hunstantonensis, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 402, f. 5. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 291, f. 65. Red Chalk: Hunstanton, Norfolk. [82449.]

Nautilus imperialis, J. Sowerby, Min. Conch. vol. i, p. 9, 1812, pl. i, upper figure (reversed). Lower Eocene (London Clay): Highgate, Middlesex. [43844.]

Nautilus imperialis, J. Sowerby, Min. Conch. vol. i, p. 9, 1812, pl. i, right-hand middle figure (reversed). Lower Eocene (London Clay): Minster, I. of Sheppey. [C. 6854.]

Nautilus imperialis, J. Sowerby: J. de C. Sowerby, Min. Conch. vol. vii, p. 35, 1843, pl. dxxvii, f. 4. Lower Eocene (London Clay): Loc. (?). [43844.]

Nautilus imperialis, J. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 47, pl. viii, f. 1. Lower Eocene (London Clay): Hampstead Well, Middlesex. [71000.]

Nautilus inæqualis, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 88, pl. xxi, ff. 14, 15. Gault: Norlington, Sussex. [34885.]

Nautilus inequalis, J. Sowerby, Min. Conch. vol. i, p. 88, 1813, pl. xl, lower figures. Gault: Folkestone, Kent. [43850.]

Nautilus ingens, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 232, pl. xviii, f. 4. Carboniferous Limestone: Yorkshire. [C. 5326.]

Nautilus inornatus, A. d'Orbigny : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 282, ff. 12 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 220, ff. 47 a, b. Inferior Oolite : Burton Bradstock, Dorsetshire. [C. 2843.]

Nautilus ? involvens, J. W. Salter, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 12, pl. ii, ff. 3, 3 a. "Formation somewhat uncertain"—*Salter*: Gunesgunga, Himalaya. [C. 4530.]

Nautilus jourdani, E. Dumortier : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 268, ff. 2 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 203, ff. 35 a, b. Upper Lias ; Floore, Northamptonshire. [19587.]

Nautilus libanoticus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 405, f. 6 a. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 305, f. 67 a. Upper Cretaceous (Senonian) : Sahel Alma, near Beirût, Lebanon, Syria. [C. 542.]

Nautilus libanoticus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 405, f. 6 b (test). *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 305, f. 67 b (test). Upper Cretaceous (Senonian) : Sahel Alma, near Beirût, Lebanon, Syria. [C. 542 a.]

Nautilus libanoticus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 405, f. 6 d (mandible). *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 305, f. 67 d (mandible). Upper Cretaceous (Senonian) : Sahel Alma, near Beirût, Lebanon, Syria. [C. 2918.]

Nautilus libanoticus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 371, f. 82. *Id.* : mandible of, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 405, f. 6 c. *Id.* : mandible of, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 305, f. 67 c. Upper Cretaceous (Senonian) : Sahel Alma, near Beirût, Lebanon, Syria. [83663.]

Nautilus lineatus, J. Sowerby, v. **Nautilus pseudolineatus**, A. H. Foord & G. C. Crick.

Nautilus lineolatus, A. H. Foord & G. C. Crick : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 228, ff. 51 a, b. Inferior Oolite : Vetney Cross, Dorset. [C. 3188.]

Nautilus multicarinatus, J. Sowerby, Min. Conch. vol. v, p. 129, 1824, pl. cccclxxxii, f. 2. Carboniferous Limestone : Black-rock, near Cork, Ireland. [43862.]

Nautilus multiseptatus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 283, ff. 13 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 221, ff. 48 a, b. Inferior Oolite : Duston, Northamptonshire. [82379 b.]

Nautilus multiseptatus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 283, f. 13 c. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 221, f. 48 c. Inferior Oolite : Duston, Northamptonshire. [82379 a.]

Nautilus neocomiensis, A. d'Orbigny : D. Sharpe, Foss. Mollusca Chalk (Mon. Pal. Soc.), pt. i, 1853, p. 15, pl. v, ff. 3 a, b, c. *Nautilus deslongchampsianus*, A. d'Orbigny : A. H. Foord & G. C. Crick, Geol. Mag. [3], vol. viii, 1891, p. 25. Grey Chalk : Urchfont, near Devizes, Wiltshire. [88640.]

Nautilus obesus, J. Sowerby : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 280, ff. 11 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 218, ff. 45 a, b. Inferior Oolite : Dundry, Somerset. [39623.]

Nautilus obesus?, J. Sowerby : muscular impression of, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 223, f. 5. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 219, f. 46. Inferior Oolite : Duston, Northamptonshire. [82328 b.]

Nautilus orbignyanus, E. Forbes, in Darwin's Geol. Obs. S. America (Voyage of the 'Beagle'), pp. 126, 131; Appendix, p. 265, pl. v, ff. 1 a, b. Cretaceous : Concepcion, Chili. [C. 2613.]

Nautilus ornatus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 273, ff. 7 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 209, ff. 40 a, b. Inferior Oolite : Dundry, Somerset. [51952.]

Nautilus oxystomus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 233, pl. xxii, ff. 35, 36 (reduced). *Discites (Phacoceras) oxystomus* (J. Phillips) : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 98, ff. 12 a, b (reduced). Carboniferous Limestone : Loc. (?). [C. 209.]

Nautilus parkinsoni, F. E. Edwards, v. **Nautilite**, J. Parkinson.

Nautilus perinflatus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 286, ff. 15 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 229, ff. 52 a, b. Inferior Oolite: Bristol, Gloucestershire. [18398.]

Nautilus polygonalis, J. de C. Sowerby, Min. Conch. vol. vi, p. 56, 1826, pl. dxxx. Inferior Oolite: Dorsetshire? Lower figure represents other side of upper figure, is reversed and completed from other half of specimen. [43851.]

Nautilus polygonalis, J. de C. Sowerby: A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 222, f. 4. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 214, f. 43. Inferior Oolite: Loc. (?). [C. 2847.]

Nautilus pompilius, Linn.: (upper and lower mandibles), A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 364, ff. 76 a-d. Recent. [C. 5019.]

Nautilus pseudolineatus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 277, ff. 8 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 213, ff. 41 a, b. Inferior Oolite: Loc. (?). [43854 a.] Named *Nautilus lineatus* in description of figures.

Nautilus pseudolineatus, A. H. Foord & G. C. Crick, v. also **Nautilus sp. nov.**, A. H. Foord & G. C. Crick.

Nautilus radiatus, J. Sowerby, Min. Conch. vol. iv, p. 78, 1822, pl. ccclvi. Greensand: "Malton." [43858.]

Nautilus regalis, J. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 46, pl. viii, f. 5. Lower Eocene (London Clay): Loc. (?). [43846.]

Nautilus regalis, J. Sowerby: J. de C. Sowerby, Min. Conch. vol. vii, p. 35, 1843, pl. dcxxvii, f. 5 (numbered 6 on plate). Lower Eocene (London Clay): St. Catherine's Docks, London. [43846.]

Nautilus robustus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 271, ff. 5 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 206, ff. 38 a, b. Upper Lias: Moutiers, Curcy (Calvados), France. [37010.]

Nautilus saxbii, J. Morris, Ann. Mag. Nat. Hist. [2], vol. i, 1848, p. 106, woodc. *Nautilus saxbyi*, J. Morris: G. A. Mantell, Medals of Creation, 2nd ed., 1854, p. 472, lign. 152. *Nautilus (Hercoglossa) saxbyi*, J. Morris: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 311, ff. 68 a, b. Lower Greensand: Atherfield, I. of Wight. [47019.]

Nautilus saxbyi, J. Morris: G. A. Mantell, v. **Nautilus saxbii**, J. Morris.

Nautilus semiundatus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 279, f. 62 a. Upper Greensand: Devizes, Wiltshire. [88590 b.]

Nautilus semiundatus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 279, f. 62 b. Upper Greensand: Swanage Bay, Dorset. [37901.]

Nautilus simillimus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 267, ff. 3 a, b. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 195, ff. 34 a, b. Lower Lias: Charmouth, Dorset. [39887.]

Nautilus sowerbii, J. de C. Sowerby in F. Dixon, Geol. Sussex, 1850, pp. 121, 228, pl. xiv, f. 15. Lower Eocene (London Clay): Bognor, Sussex. [32726.]

Nautilus sowerbyi, J. de C. Sowerby: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 48, pl. viii, f. 3. Lower Eocene (London Clay): Bognor, Sussex. [71001 a.]

Nautilus striatus, J. Sowerby, Min. Conch. vol. ii, p. 183, 1817, pl. clxxxii, middle fig. Lias: Lyme Regis, Dorset. [43852.]

Nautilus subsulcatus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 233, pl. xvii, f. 18. Carboniferous Limestone: Bolland, Yorkshire. [C. 237.]

Nautilus sulcatus, J. de C. Sowerby, Min. Conch. vol. vi, p. 137, 1827, pl. dlxxi, f. 2. Carboniferous Limestone: ? Castleton. [43868.] Specimen showing "the external surface of the shell."

Nautilus terebratus, E. Dumortier: A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 269, ff. 3 a, b, 4. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 204, ff. 36 a, b, 37. Upper Lias: near Lincoln. [C. 3096.]

Nautilus tetragonus, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 233, pl. xvii, f. 24. Carboniferous Limestone: Northumberland? [C.222.]

Nautilus tetragonus?, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 233, pl. xvii, ff. 26, 27. Carboniferous Limestone: Bolland, Yorkshire. [C. 237 c.] Probably the figured specimen, but if so, Phillips's figure is not quite accurate.

Nautilus truncatus, J. Sowerby, Min. Conch. vol. ii, p. 49, 1816, pl. cxxiii (reversed). Lias: Keynsham, S.E. of Bristol. [44117 a.] Only part of specimen figured.

Nautilus tuberculatus, J. Sowerby, Min. Conch. vol. iii, p. 90, 1819, pl. cclxix, f. 4 (reversed). Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43864.]

Nautilus tuberculatus, J. Sowerby, v. also **? Genus**, J. Sowerby (*infra*, p. 96).

Nautilus urbanus, J. de C. Sowerby, Min. Conch. vol. vii, p. 36, 1843, pl. dcxxviii, lower central and left-hand figures. *Id.*: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 47, pl. iii, f. 2 a. Lower Eocene (London Clay): Sheppney. [71001.]

Nautilus urbanus, J. de C. Sowerby, Min. Conch. vol. vii, p. 36, 1843, pl. dcxxviii, upper and lower right-hand figures. *Id.*: F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 46, pl. iii, f. 2 b. Lower Eocene (London Clay): St. Catherine's Docks, London. [44061.]

Nautilus ziczac, J. Sowerby, Min. Conch. vol. i, p. 12, 1812, pl. i, lowest figure. *Aturia ziczac* (J. Sowerby): F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, pl. ix, ff. 1 a, b. Lower Eocene (London Clay): Highgate, Middlesex. [43869.]

Nautilus ziczac, J. Sowerby: E. Charlesworth, Mag. Nat. Hist. new series, vol. i, 1837, p. 533, f. 66. *Id.*: G. A. Mantell, Wonders of Geology, 6th ed., vol. i, 1848, p. 247, lign. 40, ff. 1, 2. *Aturia zic-zac* (J. Sowerby): var. β , F. E. Edwards, Eocene Mollusca (Mon. Pal. Soc.), pt. i, 1849, p. 56, pl. ix, ff. 1 g, h. *Aturia charlesworthi*, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 346. Lower Eocene (London Clay): Primrose Hill, London. [68918.]

Nautilus sp. nov., muscular impression of, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 222, f. 3. *Nautilus pseudolineatus*, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 278, f. 9. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 214, f. 42. Inferior Oolite : Sherborne, Dorset. [69767.]

Nautilus (Clydonauutilus) spirolobus, A. v. Dittmar : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 188, ff. 33 a, b. Upper Muschelkalk : Someraukogel, near Hallstadt, Austria. [C. 3101.]

Nautilus ? (Clymenia ?) zic-zac (J. Sowerby) : J. de C. Sowerby, v. **Aturia zic-zac** (J. Sowerby) : F. E. Edwards.

Nautilus (Hercoglossa) aegyptiacus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 395, f. 86. Eocene : Mokattam Range, near Cairo, Egypt. [70378.]

Nautilus (Hercoglossa) aganiticus, E. F. v. Schlotheim : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 394, ff. 1 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 237, ff. 56 a, b. Inferior Oolite : Villecomte, Lothringen. [C. 3173.]

Nautilus (Hercoglossa) cassinianus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 408, f. 9. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 333, ff. 70 a, b. Lower Eocene (London Clay) : Finchley, Middlesex. [71003.]

Nautilus (Hercoglossa) danicus, E. F. v. Schlotheim : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 407, f. 8. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 179, f. 32 b. Upper Chalk : Faxe, Denmark. [C. 3106.]

Nautilus (Hercoglossa) franconicus, A. Oppel : A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 395, ff. 2 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 239, ff. 57 a, b. Kellaways Rock : Scarborough? [C. 3109.]

Nautilus (Hercoglossa) portlandicus, A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, 1890, p. 397, ff. 3 a, b. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 241, ff. 58 a, b. Portland Oolite : I. of Portland? [62165.]

Nautilus (Hercoglossa) saxbyi, J. Morris: A. H. Foord, v. **Nautilus saxbii**, J. Morris.

Nomismoceras ornatum, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 219, ff. 104 *a, b, c*. Carboniferous : Halifax, Yorkshire. [C. 5279.]

Nomismoceras rotiforme (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 216, f. 103 (suture-line). Carboniferous Limestone : Bolland, Yorkshire. [C. 273 *c*.]

Nomismoceras spirorbis (J. Phillips): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 212, ff. 102 *a, b, c*. Carboniferous Limestone : Bolland, Yorkshire. [C. 273 *b*.]

Olcostephanus (Polyptychites) beani, A. Pavlow, Bull. Soc. Imp. Nat. Moscou, 1891, no. 4 (1892), p. 481, pl. xv (viii), ff. 7 *a, b*. Speeton Clay (Portlandian ; ? upper part of Aquilonian) : Speeton, Yorkshire. [37640.]

Olcostephanus (Simbirskites) concinnus (J. Phillips): A. Pavlow, Bull. Soc. Imp. Nat. Moscou, 1891, no. 4 (1892), p. 501, pl. xviii (xi), f. 16. Speeton Clay (Neocomian, C₆) : Speeton, Yorkshire. [C. 4651.]

Ophidioceras articulatum (J. de C. Sowerby): J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 230, pl. xviii, f. 15. Lower Ludlow : Ludlow, Shropshire. [37899.]

Ophidioceras geometricum, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 231, pl. xviii, ff. 16, 16 *a*. Lower Ludlow : Dudley, Worcestershire ("Ludlow"—Blake). [73896.]

Ormoceras backii, C. Stokes, v. **Orthocera sp.**, J. J. Bigsby.

Ormoceras bayfieldi, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 709, pl. lx, f. 1. Silurian (Niagara Group) : Drummond Island, Lake Huron. [33416.]

Ormoceras whitei, C. Stokes, v. **Orthocera sp.**, J. J. Bigsby.

Orthocera annulata, J. Sowerby, Min. Conch. vol. ii, p. 73, 1816, pl. cxxxiii. Silurian : Coalbrookdale, Shropshire. [43839.]

Orthocera breynii ?, W. Martin: J. Sowerby, Min. Conch. vol. i, p. 132, 1814, pl. lx, f. 5. Carboniferous Limestone: Derbyshire. [43840.]

Orthocera conica, J. Sowerby, Min. Conch. vol. i, p. 131, 1814, pl. lx, ff. 1, 2, & 3; two specimens. Upper Lias: Whitby, Yorkshire. [43827 a, b.]

Orthocera cordiformis, J. Sowerby, Min. Conch. vol. iii, p. 85, 1819, pl. cxcvii, f. 1. Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43834 a.]

Orthocera cordiformis, J. Sowerby, Min. Conch. vol. iii, p. 85, 1819, pl. cxcvii, f. 2. Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [39883.]

Orthocera cordiformis, J. Sowerby, Min. Conch. vol. iii, p. 85, 1819, pl. cxcvii, f. 3. Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43834 b.]

Orthocera ellipticum, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 144, pl. ix, ff. 5 a, b. Trias: St. Cassian. [36039.]

Orthocera freieslebense, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 143, pl. ix, ff. 4 a, b. Trias: St. Cassian. [36038.]

Orthocera fusiformis, J. de C. Sowerby, Min. Conch. vol. vi, p. 167, 1828, pl. dlxxxviii, f. 1. *Orthoceras fusiforme*, J. de C. Sowerby: J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, ff. 14, 15. Carboniferous Limestone: Bolland, Yorkshire. [C. 200.]

Orthocera fusiformis, J. de C. Sowerby, Min. Conch. vol. vi, p. 167, 1828, pl. dlxxxviii, f. 2 (reversed). Carboniferous Limestone: Ireland. [43837.]

Orthocera gigantea, J. Sowerby, Min. Conch. vol. iii, p. 81, 1819, pl. cxcvi, f. 1 (reversed and reduced). Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43835 a.]

Orthocera gigantea, J. Sowerby, Min. Conch. vol. iii, p. 81, 1819, pl. cxcvi, f. 2 (reversed). Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43835 b.]

Orthocera gigantea, J. Sowerby, Min. Conch. vol. iii, p. 81, 1819, pl. ccxlvii, ff. 3 & 5 (reversed). Carboniferous (Calciferous Sandstone) : Closeburn, Dumfriesshire. [43835 c.]

Orthocera gigantea, J. Sowerby, Min. Conch. vol. iii, p. 81, 1819, pl. ccxlvii, f. 4 (reversed). Carboniferous (Calciferous Sandstone) : Closeburn, Dumfriesshire. [43835 d.]

Orthocera paradoxica, J. de C. Sowerby, Min. Conch. vol. v, p. 81, 1824, pl. cccclvii. Carboniferous Limestone : Ireland. [43842.]

Orthocera politum, A. v. Klipstein, Beitr. zur geol. Kenntn. östlichen Alpen, 1843, p. 144, pl. x, f. 6. *Orthoceras politum*, A. v. Klipstein : (apex of), A. Hyatt, 'Genesis of the Arietidae' (Smithsonian Contrib. to Knowledge), 1889, p. 10, ff. 6-8. *Id.* : (apex of), J. Barrande, Syst. Sil. de Böheme, vol. ii, texte v, p. 1325 ; vol. ii, Suppl. 1877, pl. 488, case xi, ff. 1, 2, & 3. Trias : St. Cassian. [36040 a.]

Orthocera steinhaueri, J. Sowerby, Min. Conch. vol. i, p. 132, 1814, pl. lx, f. 4. Coal-Measures : north of Halifax, Yorkshire. [43841.]

Orthocera striata, J. Sowerby, Min. Conch. vol. i, p. 129, 1814, pl. lviii. Carboniferous Limestone : Black-rock, near Cork, Ireland. [43836.]

Orthocera undulata, J. Sowerby, Min. Conch. vol. i, p. 130, 1814, pl. lix, ff. 1, 2 (reversed). Carboniferous Limestone : Scaleber, near Settle, Yorkshire. [43838.]

Orthocera sp., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 204, pl. xxx, f. 1. *Ormoceras backii*, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 709, with a reference to Bigsby's figure. Silurian (Niagara Group) : Drummond Island, Lake Huron. [33429.]

Orthocera sp., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1829, p. 198, pl. xxv, f. 1. *Actinoceras bigsbyi*, H. G. Bronn, Lethaea Geogn. vol. i, 1837, p. 98, pl. i, f. 8. Ordovician (Black River Formation) : Thessalon Island, Lake Huron. [33448.]

Orthocera sp., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 198, pl. xxv, f. 2. *Actinoceras bigsbyi*, H. G. Bronn, Lethaea Geogn. vol. i, 1837, p. 98. Ordovician (Black River Formation) : Thessalon Island, Lake Huron. [C. 2664.] Part of infilling of siphuncular tube has been broken away since figured.

Orthocera sp., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 198, pl. xxv, f. 3. *Actinoceras bigsbyi*, H. G. Bronn, Lethaea Geogn. vol. i, 1837, p. 98. Ordovician (Black River Formation): Thessalon Island, Lake Huron. [C. 2668.] Part of infilling of siphuncular tube has been broken away since figured.

Orthocera sp., J. J. Bigsby, Trans. Geol. Soc. [2], vol. i, pt. 2, 1824, p. 204, pl. xxx, f. 2. *Ormoceras whitei*, C. Stokes, Trans. Geol. Soc. [2], vol. v, 1840, p. 709 (with a reference to Bigsby's figure). Silurian (Niagara Group): Drummond Island, Lake Huron. Since the figure was drawn the upper left-hand portion of the specimen has been damaged and the lowest 'bead' of the siphuncle has disappeared. The tablet bears a pencil note to the following effect:—"N.B. Two fragments of this specimen have been broken off and lost by Dew. June 1854. S. P. W[oodward]."] [33423.]

Orthoceras angulare, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 4. Carboniferous Limestone: Bolland, Yorkshire. [C. 198.]

Orthoceras angulatum, G. Wahlenberg: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 71, ff. 7 *a*, *b*. Silurian: I. of Gothland. [64545.]

Orthoceras angulatum, G. Wahlenberg: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 71, f. 7 *c* (sculpture). Silurian: I. of Gothland, Sweden. [C. 2026.]

Orthoceras angulatum, G. Wahlenberg: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 71, f. 7 *d* (plaster cast). Silurian: I. of Gothland, Sweden. [C. 2027.]

Orthoceras angulatum, G. Wahlenberg: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 71, ff. 7 *e*, *f*. Silurian: I. of Gothland, Sweden. [C. 1497.]

Orthoceras annulare, J. Phillips, v. **Orthoceras annulatum**, J. Sowerby: J. Phillips.

Orthoceras annulatum, J. Sowerby: J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 89, pl. iv, f. 2. Wenlock Limestone: Locality (?). [33518.]

Orthoceras annulatum, J. Sowerby: J. Phillips, Geol. Yorks. pt. ii, 1836, p. 239, pl. xxi, f. 9 (named *O. annulare* in explanation of plate). Carboniferous Limestone: Bowes, Yorkshire. [C. 176 *a*.] g 2

Orthoceras annulatum, J. Sowerby : J. Phillips, Geol. Yorks. pt. ii, 1836, p. 239, pl. xxi, f. 10 (named *O. annulare* in explanation of plate). Carboniferous Limestone : Loc. (?). [C. 206.]

Orthoceras arcticum, A. H. Foord, v. **Cyrtoceras sp.**, R. Etheridge.

Orthoceras barrandei, J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 177, pl. ix, f. 19. Silurian (May Hill Sandstone) : Mulloch, Ayrshire. [C. 4062.]

Orthoceras barrandei, J. W. Salter : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 79, pl. xviii, f. 1. Lower Ludlow : Mocktree Hill, Herefordshire. [C. 4063.]

Orthoceras chinense, A. H. Foord, v. **Orthoceras sp.**, S. P. Woodward.

Orthoceras cinctum, J. de C. Sowerby : J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xxi, f. 1. Carboniferous Limestone : Bolland, Yorkshire. [C. 184.]

Orthoceras darwini, E. Billings : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 77, f. 8. Silurian : Offley Island, Kennedy Channel, Arctic America. [C. 2143 a.]

Orthoceras docens, J. Barrande, Bull. Soc. géol. France, [2], vol. xii, 1855, p. 455, pl. xii, f. 3 (reversed). Silurian (Étage E) : Dworetz, Bohemia. [C. 2955.]

Orthoceras duponti, J. Barrande : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 92, pl. v, ff. 2, 2 a. Wenlock Limestone : Dudley, Worcestershire. [83607.]

Orthoceras elegans, A. v. Klipstein : A. Hyatt, 'Science,' vol. iii, 1884, p. 126, ff. 3 & 7. *Id.* : A. Hyatt, 'Genesis of the Arietidæ' (Smithsonian Contributions to Knowledge), 1889, p. 10, ff. 4 & 5. Trias : St. Cassian. [36036 a.]

Orthoceras elegans, A. v. Klipstein : A. Hyatt, 'Science,' vol. iii, 1884, p. 126, ff. 4, 5, & 6. *Id.* : A. Hyatt, 'Genesis of the Arietidæ' (Smithsonian Contributions to Knowledge), 1889, p. 10, ff. 1, 2, & 3. *Id.* : J. Barrande, Syst. Sil. de la Bohême, vol. ii, texte v, 1887, p. 1324 ; vol. ii, Suppl. 1877, pl. 488, case ix, ff. 1, 2, & 3. Trias : St. Cassian. [36036 b.]

Orthoceras fusiforme, J. de C. Sowerby : J. Phillips, v. **Orthocera fusiformis**, J. de C. Sowerby.

Orthoceras gesneri, W. Martin : J. Phillips, Geol. Yorks. pt. ii, 1836, p. 239, pl. xxi, f. 6. Carboniferous Limestone : Bolland, Yorkshire. [C. 199.]

Orthoceras giganteum, J. Sowerby : J. Phillips, Geol. Yorks. pt. ii, 1836, p. 237, pl. xxi, f. 3 (somewhat reduced). Carboniferous Limestone : Bolland, Yorkshire. [C. 174.]

Orthoceras grayi, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 102, pl. xiii, f. 6. Wenlock Limestone : Dudley, Worcestershire. [83607.]

Orthoceras hisingeri, E. Boll : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 65, ff. 6 a, b, c. Silurian : I. of Gothland, Sweden. [C. 2025.]

Orthoceras imbricatum, G. Wahlenberg : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 153, pl. xiv, f. 1. Upper Ludlow : Ludlow. ("Wenlock Beds : Dudley"—Blake.) [83615.]

Orthoceras inequiseptum, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 7 (reduced). Carboniferous Limestone : Bolland, Yorkshire. [C. 175.]

Orthoceras kinnekullense, A. H. Foord, Ann. Mag. Nat. Hist. [5], vol. xx, 1887, p. 401, ff. 2 a-d. *Id.* : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 3, ff. 1 a-d. Ordovician (*Orthoceras*-limestone) : Kinnekulle Hill, Westrogothia, Sweden. [C. 1951.]

Orthoceras laterale, J. Phillips, v. **Orthoceras undulatum**, J. Sowerby : J. Phillips.

Orthoceras ludense, J. de C. Sowerby : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 156, pl. x, f. 1. Wenlock Beds : Dudley. [83617.]

Orthoceras ludense, J. de C. Sowerby : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 156, pl. x, f. 3. Lower Ludlow : Herefordshire. [33837.]

Orthoceras nummularius, J. de C. Sowerby, in Murchison, Sil. Syst., 1839, p. 632, pl. xiii, f. 24. Wenlock Shale : Whitfield Quarry, Tortworth, Gloucestershire. [C. 3501.]

Orthoceras ornatum, E. Boll: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 65, ff. 5 *a*, *b*, *c*. Silurian: I. of Gothland. [C. 1812 *a*.]

Orthoceras politum, A. v. Klipstein: A. Hyatt, 'Genesis of the Arietidæ' (Smithsonian Contrib. to Knowledge), 1889, p. 11, ff. 18 & 19. Trias: St. Cassian. [36040 *b*.]

Orthoceras politum, A. v. Klipstein, v. also **Orthocera politum**.

Orthoceras politum, F. M'Coy: J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 173, pl. x, f. 5. Ordovician (M. Bala): Piedmont Glen, Girvan, Ayrshire. [C. 2079.]

Orthoceras politum, F. M'Coy: J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 173, pl. x, f. 6 *a*. Ordovician (M. Bala): Piedmont Glen, Girvan, Ayrshire. [C. 2081.] Upper part only of specimen figured.

Orthoceras politum, F. M'Coy: J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 173, pl. x, f. 6 *b*. Ordovician (M. Bala): Knockgeirn, Ayrshire. [C. 2082.]

Orthoceras pulchellum?, F. v. Hauer: J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 67, pl. viii, f. 8. Upper Trias: Niti, Himalaya. [C. 3500 *a*.]

Orthoceras pulchellum?, F. v. Hauer: J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 67, pl. viii, f. 10 *a*. Upper Trias: Niti, Himalaya. [C. 3500 *b*.]

Orthoceras pulchellum?, F. v. Hauer: J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 67, pl. viii, f. 10 *b*. Upper Trias: Niti, Himalaya. [C. 3500 *c*.]

Orthoceras pygmæum, L. G. de Koninck, Descr. anim. foss. Belgique, 1844, p. 507, pl. xlvi, ff. 5 *a*, *b*. Coal-Measures: Chokier, Belgium. [64812.]

Orthoceras reticulatum, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 11. Carboniferous Limestone: Bolland, Yorkshire. [C. 181.]

Orthoceras revalese, A. H. Foord, Ann. Mag. Nat. Hist. [5], vol. xx, 1887, p. 402, f. 3. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 5, f. 2. Ordovician (*Orthoceras*-limestone) : Reval, Estonia, Russia. [C. 2090.]

Orthoceras scalpratum, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, pl. xl, f. 3 (right-hand figure); expl. of plate. Coal-Measures : Coalbrookdale, Shropshire. [C. 4689.]

Orthoceras scalpratum, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, pl. xl, f. 3 (left-hand figure); expl. of plate. Coal-Measures : Coalbrookdale, Shropshire. [C. 4690.]

Orthoceras schlotheimi, J. Steininger: J. E. Lee, Geol. Mag. [2], vol. iv, 1877, p. 100, pl. v, f. 10 c. Upper Devonian: Saltern Cove, near Torquay, S. Devon. [C. 4068.]

Orthoceras steinhaueri, J. Sowerby: J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 5. Carboniferous Limestone: Loc. (?). [C. 185.]

Orthoceras striatissimum, J. W. Salter, in J. W. Salter & H. F. Blanford, Palaeont. Niti, 1865, p. 15, pl. ii, f. 4. Lower Silurian (Ordovician ?) : Chorhoti Pass, Himalaya Mts. [C. 2096 a.] This specimen imbedded in matrix and labelled "Strachey, pl. 2, f. 4," is probably the original of the lower left-hand figure.

Orthoceras subannulare, G. Münster: J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 94, pl. v, ff. 6, 6 a. Lower Ludlow? : Dudley, Worcestershire. [83597.]

Orthoceras sulcatum, J. Fleming: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 123, f. 9 (enlarged). Lower Carboniferous Limestone Group: Lanark, Scotland. [39818 a, b.] Figure drawn from the two specimens combined.

Orthoceras teres (J. Sowerby): A. H. Foord, v. **Conularia teres**, J. Sowerby.

Orthoceras trigonale, d'Archiac & E. de Verneuil: (siphuncle), S. P. Woodward, Quart. Journ. Geol. Soc. vol. xii, 1856, p. 380, pl. vi, f. 5. Middle Devonian: Gerolstein, Eifel. [34015.]

Orthoceras undulatum, J. Sowerby: J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 8 (somewhat reduced; named *Orthoceras laterale* in the explanation of the plate). Carboniferous Limestone : Bolland, Yorkshire. [C. 192.]

Orthoceras unguis, J. Phillips, Geol. Yorks. pt. ii, 1836, p. 238, pl. xxi, f. 2. Carboniferous Limestone: Bolland, Yorkshire. [C. 196 a.]

Orthoceras unguis, J. Phillips: A. Hyatt, Gen. Arietidæ (Smithsonian Contrib. to Knowledge), 1889, p. 11, ff. 13–15. Carboniferous Limestone: Dublin. [30257.]

Orthoceras vaginatum?, E. F. v. Schlotheim: J. W. Salter, Quart. Journ. Geol. Soc. vol. vii, 1851, p. 177, pl. x, f. 7. Ordovician (Ardwell Group=M. Bala): Ardwell, Ayrshire. [C. 2642.] Lower portion only of specimen figured.

Orthoceras vicarii, G. F. Whidborne, Devon. Fauna S. England (Mon. Pal. Soc.), pt. ii, 1890, p. 129, pl. xiii, f. 5. Middle Devonian: Lummaton, S. Devon. [C. 5416.]

Orthoceras sp. i, J. W. Salter, in Appendix to P. C. Sutherland's 'Journal of a Voyage in Baffin's Bay and Barrow Straits, in the years 1850–1851, etc.,' 1852, p. ccxxiii, no fig. Silurian: Beechy Island, Arctic Regions. [96965.]

Orthoceras sp. ii, J. W. Salter, in Appendix to P. C. Sutherland's 'Journal of a Voyage in Baffin's Bay and Barrow Straits, in the years 1850–1851, etc.,' 1852, p. ccxxiii, no fig. Silurian: Griffith's Island, Arctic Regions. [96952–3.]

Orthoceras sp., A. H. Foord, Geol. Mag. [3], vol. vii, 1890, p. 102, pl. iv, f. 3. Devonian?: Mt. Pierre, Kimberley District, W. Australia. [C. 4152.]

Orthoceras sp., W. Pengelly, The Geologist, 1861, p. 345, frontispiece, f. 2. Devonian: Teignmouth, Devon. [C. 5651.]

Orthoceras sp., J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 67, pl. viii, f. 7. Upper Trias: Niti, Himalaya. [C. 3497.]

Orthoceras sp., J. W. Salter, in J. W. Salter & H. F. Blanford, Palæont. Niti, 1865, p. 67, pl. viii, f. 9. Upper Trias: Niti, Himalaya. [C. 3499.]

Orthoceras sp., J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, pl. xl, f. 4; expl. of plate. Coal-Measures: Coalbrookdale, Shropshire. [C. 4684.]

Orthoceras sp., S. P. Woodward, Quart. Journ. Geol. Soc. vol. xii, 1856, p. 378, pl. vi, f. 1. *Orthoceras chinense*, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 100, with a reference to S. P. Woodward's figure. Devonian? : China. [51418.]

Orthoceras (Actinoceras) cochleatum (E. F. v. Schlotheim) : J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 161, pl. xv, f. 7. *Actinoceras blakei*, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. i, 1888, p. 176. Upper Llandovery? : Gwernyfed, near Builth, Brecknockshire. [48745.] Only a portion of the specimen was figured by Prof. Blake.

Pericyclus doohylensis, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 151, ff. 72a, b, c. Carboniferous Limestone : Doohyle, near Rathkeale, co. Limerick, Ireland. [C. 5934.]

Pericyclus furcatus (F. M'Coy) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 150, ff. 71a, b, c. Carboniferous Limestone : Clane, co. Kildare, Ireland. [C. 5933.]

Phacoceras, v. *Nautilus* (**Phacoceras**).

Phylloceras heterophyllum (J. Sowerby) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 425 ; pt. vii, 1884, pl. lxxviii, ff. 1, 2. Upper Lias (*communis*-zone) : Whitby, Yorkshire. [C. 6855.]

Phylloceras loscombi (J. Sowerby) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. iii, 1880, pl. xl, ff. 4, 5 ; pt. vi, 1883, p. 419. Lower Lias (*ibex*-zone) : Lyme Regis ["Charmouth"—Wright], Dorset. [C. 2205.]

Phylloceras subcarinatum (G. Young & J. Bird) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 428 ; pt. vii, 1884, pl. lxxxii, ff. 1-3. Upper Lias (*communis*-zone) : Whitby, Yorkshire. [C. 1906.] From the "Wright coll." but some doubt about its being the figured example.

Phylloceras zetes (A. d'Orbigny) : T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vi, 1883, p. 422, pl. lxxvii, ff. 1, 2. Middle Lias (*spinatus*-zone) : Stanley Hill, Gloucestershire. [C. 1886.]

Pleuronauutilus nodoso-carinatus (F. Roemer) : A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 481, woodc. Carboniferous Limestone : Caton, Lincolnshire. [C. 4478.]

Polyptychites, v. *Olcostephanus* (**Polyptychites**).

Prolecanites compressus (J. Sowerby) : A. H. Foord & G. C. Crick, Geol. Mag. [4], vol. i, 1894, p. 11, pl. i, ff. 1-5. *Id.* : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 253, f. 121. Carboniferous Limestone: Little Island, Queenstown Harbour, Ireland. [C. 4630.]

Prolecanites compressus (J. Sowerby) : A. H. Foord & G. C. Crick, Geol. Mag. [4], vol. i, p. 11, pl. i, f. 6 (suture-line). *Id.* : G. C. Crick, Trans. Manchester Geol. Soc. vol. xxiii, pt. iii, 1895, woodc., p. 86: *Id.* : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 245, ff. 116 *a*, *c*. Carboniferous Limestone: Scarlet, I. of Man. [C. 3496.]

Prolecanites discoides, A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 256, ff. 122 *a*, *b*, *c*. Carboniferous Limestone: locality not recorded. [C. 231.]

Prolecanites mixolobus (J. Phillips) : A. H. Foord & G. C. Crick, v. **Goniatites mixolobus**, J. Phillips.

Prolecanites serpentinus (J. Phillips) : A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 258, f. 123 (suture-line). Carboniferous Limestone: Black Hall, Chipping, Lancashire. [39812.]

Proöstracum of *Belemnites* sp., G. C. Crick, v. **Belemnites** sp., proöstracum of, G. C. Crick.

Scaphites æqualis, J. Sowerby : F. Dixon, v. **Scaphites obliquus**, J. Sowerby.

Scaphites æqualis, J. Sowerby : J. Prestwich, v. **Scaphites costatus**, G. A. Mantell.

Scaphites costatus, G. A. Mantell, Foss. S. Downs, 1822, p. 120, pl. xxii, f. 8. Chalk Marl: Hamsey, Sussex. [32545.]

Scaphites costatus, G. A. Mantell, Foss. S. Downs, 1822, p. 120, pl. xxii, f. 12. *Scaphites æqualis*, J. Sowerby : J. Prestwich, 'Geology,' vol. ii, 1818, pl. xii, f. 12. Chalk Marl: Hamsey, Sussex. [4798.]

Scaphites equalis, J. Sowerby, Min. Conch. vol. i, p. 53, 1813, pl. xviii, ff. 1, 2. "Greensand: Yeovil." [43986.]

Scaphites gigas, J. de C. Sowerby, Trans. Geol. Soc. [2], vol. v, 1840, p. 411, pl. xxxiv, ff. 2, 2 a. Lower Greensand: Isle of Wight. [46473.]

Scaphites obliquus, J. Sowerby, Min. Conch. vol. i, p. 54, 1813, pl. xviii, ff. 4, 6, & 7; two specimens. Chalk Marl: Hamsey, near Lewes, Sussex. [43987 a, b.] These two specimens in Sowerby collection are believed to be the figured examples.

Scaphites obliquus, J. Sowerby: F. Dixon, 'Geol. Sussex,' 1850, p. 359, pl. xxix, f. 11 (*S. aequalis* in expl. of plate). Chalk Marl: Sussex. [33624.]

Scaphites striatus, G. A. Mantell, Foss. S. Downs, 1822, p. 120, pl. xxii, f. 11. Chalk Marl: Hamsey, Sussex. [4799 a.]

Schloenbachia, v. **Ammonites (Schloenbachia)**.

Sepia prisca, G. Koenig, Icones Fossilium Sectiles, 1825, pl. xvii, f. 201 (reversed). Lower Kimeridgian (Lithographic Stone): Solenhofen, Bavaria. [C. 5759.]

Silex, shell replaced by, v. [**Ammonites giganteus**], J. Sowerby.

Simbirskites, v. **Olcostephanus (Simbirskites)**.

Solenocheilus caledonicus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 172, ff. 30 a, b. Carboniferous Limestone (Upper Limestone Group): Arden Quarry, Nitshill, near Glasgow. [C. 2548.]

Solenocheilus conspicuus (L. G. de Koninck): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 175, ff. 31 a, b. Carboniferous Limestone: Rathkeale, co. Limerick, Ireland. [C. 297.]

Solenocheilus dorsalis (J. Phillips): A. H. Foord, v. **Nautilus dorsalis**, J. Phillips.

Solenocheilus hibernicus, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 171, ff. 28 a, b. Carboniferous Limestone: Ireland. [C. 4505.]

Solenocheilus latiseptatus (L. G. de Koninck): A. H. Foord & G. C. Crick, Ann. Mag. Nat. Hist. [6], vol. v, p. 221, f. 2. *Id.*: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 172, f. 29. Carboniferous Limestone (Upper Limestone Group): Arden Quarry, Nitshill, near Glasgow. [C. 2549 b.]

Spirulirostra anomala (J. de C. Sowerby): R. B. Newton & G. F. Harris, v. **Beloptera anomala**, J. de C. Sowerby.

Stephanoceras commune (J. Sowerby): T. Wright, Lias Amm. (Mon. Pal. Soc.), pt. vii, 1884, p. 474, pl. lxxxiii, ff. 3, 4. Upper Lias (*communis*-zone): Whitby, Yorkshire. [89017.]

Subclymenia evoluta (J. Phillips): G. C. Crick, Geol. Mag. [4], vol. iii, p. 417 woodc. *Id.*: A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 282, ff. 139 *a*, *b*, *c*. Carboniferous Limestone: locality not recorded, probably Yorkshire. [C. 5336.]

Temnocheilus carbonarius, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 151, ff. 25 *a*, *b*. Coal-Measures: Coalbrookdale, Shropshire. [C. 4482.]

Temnocheilus coronatus, F. McCoy: A. H. Foord & G. C. Crick, Geol. Mag. [4], vol. i, 1894, p. 296 woodc. Carboniferous Limestone: Stebden Hill, near Cracoe, Yorkshire. [C. 4998.]

Temnocheilus cricki, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 149, ff. 24 *a*, *b*, *c*. Carboniferous Limestone: I. of Man. [C. 4485.]

Temnocheilus latus, F. B. Meek & A. H. Worthen: A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 143, f. 23. Carboniferous Limestone: Loc. (?). [C. 4486.]

Temnocheilus (Centroceras) tetragonus (d'Archiac & E. de Verneuil): A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 163, ff. 26 *a*, *b*. Middle Devonian: Gerolstein, Eifel. [66383.]

Teudopsis brodiæi, W. Carruthers, Quart. Journ. Geol. Soc. vol. xxvii, 1871, p. 448, woodc. Purbeck Beds: Dorset. [C. 5251.]

Teudopsis bunelii, E. Deslongchamps, Mém. Soc. Linn. Norm. vol. v, 1835, p. 74, pl. iii, f. 3. Upper Lias: Amayé-sur-Orne, Normandy. [74009.]

Tornoceras ausavense (J. Steininger): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 107, f. 47 (suture-line). Upper Devonian: Büdesheim, Eifel. [C. 1811 g.]

Tornoceras hughesii (G. F. Whidborne): A. H. Foord & G. C. Crick, v. **Goniatites hughesii**, G. F. Whidborne.

Tornoceras molarium (G. F. Whidborne): A. H. Foord & G. C. Crick, v. **Goniatites molarius**, G. F. Whidborne.

Tornoceras simplex (L. v. Buch): A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 69, ff. 25 d, e. Upper Devonian: Büdesheim, Eifel. [89185 e.]

Tornoceras subundulatum, F. Frech: A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 115, f. 51 (suture-line). Upper Devonian: Vailhan (Hérault), France. [C. 4627.]

Tornoceras subundulatum, var. **falcata**, F. Frech: A. H. Foord & G. C. Crick, Cat. Foss. Ceph., British Museum, pt. iii, 1897, p. 116, f. 52 (suture-line). Upper Devonian: Vailhan (Hérault), France. [C. 4791.]

Tornoceras whidbornei, A. H. Foord & G. C. Crick, v. **Goniatites hughesii**, G. F. Whidborne.

Trigonoceras, v. **Gyroceras** (**Trigonoceras**).

Trochoceras regulare, J. F. Blake, Brit. Foss. Ceph. pt. i, 1882, p. 221, pl. xxix, f. 7. Wenlock Limestone: Dudley. [C. 4092.]

Trochoceras subquadratum, A. H. Foord, Cat. Foss. Ceph., British Museum, pt. ii, 1891, p. 31, ff. 3 a, b. Woolhope Limestone: Hay-head, E. of Walsall, Staffordshire. [C. 1606.]

Turrilites bechii, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 66, pl. xxvi, ff. 13 a, b. Chalk with siliceous grains: near Lyme Regis, Dorset. [88.]

Turrilites bergeri?, A. Brongniart: var., D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 65, pl. xxvii, f. 10. Chloritic Marl: Bonchurch, I. of Wight. [50282.]

Turrilites costatus, Lamarck: G. A. Mantell, Foss. S. Downs, 1822, p. 124, pl. xxiv, f. 1. Chalk Marl: Sussex. [10790.]

Turrilites costatus, Lamarck: J. Prestwich, 'Geology,' vol. ii, pl. xii, f. 14. Lower Chalk: Loc. (?). [C. 567.]

Turrilites costatus, Lamarck: J. Sowerby, Min. Conch. vol. i. p. 81, 1813, pl. xxxvi, right-hand figure. Greensand: Hornsingham, Wiltshire. [44002 a.]

Turrilites costatus, Lamarck: J. Sowerby, Min. Conch. vol. i, p. 81, 1813, pl. xxxvi, middle and left-hand figures; two specimens. Chalk Marl: Hamsey, Sussex. [44002 b, c.]

Turrilites costatus, Lamarck, var. **triplicatus**, J. de C. Sowerby: D. Sharpe, v. **Turrilites triplicatus**, J. de C. Sowerby.

Turrilites gravesianus, A. d'Orbigny: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 62, pl. xxv, ff. 7 a, b. Grey Chalk: Lewes, Sussex. [33557.]

Turrilites mantelli, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 63, pl. xxv, f. 5. Grey Chalk: near Lewes, Sussex. [32568.]

Turrilites mantelli, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 63, pl. xxv, ff. 6 a, b. Grey Chalk: near Lewes, Sussex. [32551.]

Turrilites morrisii, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 65, pl. xxvi, ff. 7 a, b. Chloritic Marl: I. of Wight. [50281.]

Turrilites morrisii, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 65, pl. xxvi, f. 8. Chloritic Marl: Ventnor, I. of Wight. [C. 169.]

Turrilites puzosianus, A. d'Orbigny: var., D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 68, pl. xxvii, f. 11. Chloritic Marl: Bonchurch, I. of Wight. [50283.]

Turrilites triplicatus, J. de C. Sowerby, in F. Dixon, Geol. Sussex, 1850, pp. 350, 359, pl. xxix, f. 16. *Turrilites costatus*, Lamarck, var. *triplicatus*, J. de C. Sowerby: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 66, pl. xxvii, f. 15. Chalk Marl: Sussex. [33619.]

Turrilites tuberculatus, Bosc: G. A. Mantell, Foss. S. Downs, 1822, p. 125, pl. xxiv, f. 7. *Id.*: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, pl. xxv, f. 1. Chalk Marl: Middleham, Sussex. [5762.]

Turrilites tuberculatus, Bosc: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 61, pl. xxv, f. 2. Chalk Marl: Sussex. [32567.]

Turrilites tuberculatus, Bosc: D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 61, pl. xxv, f. 4. Grey Chalk: Ventnor, I. of Wight. [50280.]

Turrilites tuberculatus, Bosc: var., G. A. Mantell, Foss. S. Downs, 1822, p. 124, pl. xxiv, f. 3. Chalk Marl: Lewes, Sussex. [36609.]

Turrilites tuberculatus, Bosc: J. Sowerby, Min. Conch. vol. i, p. 169, 1814, pl. lxxiv. Chalk Marl: Middleham, near Ringmer, Sussex. [5761.]

Turrilites undulata, J. Sowerby, Min. Conch. vol. i, p. 171, 1814, pl. lxxv, left-hand figures; two specimens. Chalk Marl: Hamsey Sussex. [44004 *a*, *b*.]

Turrilites undulatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 124, pl. xxiii, f. 14. Chalk Marl: Sussex. [5773.]

Turrilites undulatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 124, pl. xxiii, f. 16. Chalk Marl: Hamsey, Sussex. [5777.]

Turrilites undulatus, J. Sowerby: G. A. Mantell, Foss. S. Downs, 1822, p. 124, pl. xxiv, f. 8. Chalk Marl: Hamsey, Sussex. [5771.]

Turrilites wiestii, D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, p. 67, pl. xxvii, ff. 9 *a*, *b*. Chalk with siliceous grains: Chardstock, Somersetshire. [50279.]

Turrilites, sp. indet., D. Sharpe, Foss. Moll. Chalk (Mon. Pal. Soc.), pt. iii, 1856, pl. xxvi, ff. 12 *a*, *b*. Grey Chalk: Sussex. [5770.]

Xiphoteuthis elongata? (De la Beche): T. H. Huxley, Mem. Geol. Surv., Monog. ii (Structure of the Belemnitidæ), 1864, p. 17, pl. iii, ff. 1, 1 *a*. Middle Lias: Charmouth, Dorset. [39852.]

? Genus, J. Sowerby, Min. Conch. vol. iii, p. 90, 1819, pl. cexlix, f. 5 (reversed). Carboniferous (Calciferous Sandstone): Closeburn, Dumfriesshire. [43863.] Referred to by Sowerby under *Nautilus tuberculatus*.

INDEX.

—o—

- alense (*Harpoceras*), 62.
abbreviatus (*Belemnites*), 38.
acucinctus (*Ammonites*), 9.
acuto-costatus (*Ammonites* ?), 9.
acutum (*Gephyroceras*), 52.
acutus (*Ammonites*), 9.
— (*Belemnites*), 38.
ægyptiaca (*Hercoglossa*), 79.
ægyptiacus (*Nautilus*), 79.
æqualis (*Scaphites*), 90, 91.
aequilobatus (*Goniatites*), 55.
affinis (*Loligo*), 66.
aganitica (*Hercoglossa*), 79.
aganiticus (*Nautilus*), 79.
ambigena (*Mimoceras*), 68.
ammonis, *Cornu*, 47.
anceps (*Baculites*), 37.
— (*Goniceras*), 60.
angulare (*Orthoceras*), 83.
angulatum (*Aegoceras*), 2, 5.
— (*Orthoceras*), 83.
angulatus (*Ammonites*), 9.
annulare (*Orthoceras*), 83, 84.
annulata (*Orthoceras*), 80.
annulatum (*Orthoceras*), 83, 84.
annulatus (*Ammonites*), 9.
anomala (*Beloptera*), 42.
— (*Spirulirostra*), 42.
antiquum (*Harpoceras*), 62.
antiquus (*Belemniteuthis*), 41, 42.
aon (*Ammonites*), 9.
approximatum (*Cyrtoceras*), 47.
aratus (*Goniatites*), 55.
archiacianus (*Nautilus*), 69.
arcticum (*Orthoceras*), 48.
armato-cingulatus (*Ammonites*), 9.
armatus ? (*Ammonites*), 9.
— (*Hamites*), 60, 61.
— (*Nautilus*), 69.
articulatum (*Ophidioceras*), 80.
asterianus (*Crioceras*), 47.
athleta (*Ammonites*), 9.
athletus (*Ammonites*), 9.
attenuatus (*Belemnites*), 38.
— (*Hamites*), 61.
aturi (*Aturia*), 36.
—, var. *australis* (*Aturia*), 36.
audouli (*Ancyloceras*), 31.
auritus (*Ammonites*), 9.
ausavense (*Tornoceras*), 93.
ausseeanus ? (*Ammonites*), 10.
austeni (*Ammonites*), 10.
australis (*Aturia aturi*, var.), 36.
backii (*Ormoceras*), 82.
baculoides (*Baculites*), 37.
— ? (*Baculites*), 37.
— (*Hamites*), 61.
bakeriæ (*Ammonites*), 10.
banksii (*Ammonites*), 10.
barrandei (*Orthoceras*), 84.
batteni (*Ammonites*), 10.
baudouini (*Belemnites*), 38.
bayfieldi (*Nautilus*), 69.
— (*Ormoceras*), 80.
bdellalites (*Cyrtoceras* ?), 47.
beani (*Olcostephanus*), 80.
— (*Polyptychites*), 80.
bechii (*Aegoceras*), 2.
bechii (*Turrilites*), 93.
belemnitoidea (*Beloptera*), 42, 43.
bergeri ? (*Turrilites*), 93.
bessinus (*Belemnites*), 38.
biangulatus (*Nautilus*), 69.
bidenticulatus (*Ammonites*), 10.
bidorsale (*Glyphioceras*), 52.
bidorsatus (*Goniatites*), 55.
bifrons (*Harpoceras*), 62.
bigsbei (*Huronia*), 65.
bigsbyi (*Actinoceras*), 1, 82, 83.
bilingue (*Glyphioceras*), 52.
bilobatus (*Nautilus*), 69.
binus (*Ammonites*), 10.
biplex (*Ammonites*), 10.

- biplicatus (Ammonites), 10.
 birchi (Ammonites), 11.
 bistrialis (Nautilus), 69.
 bisulcatus (Arietites), 34.
 blagdeni (Ammonites), 11.
 blainvillii (Belosepia), 44.
 —? (Belosepia), 43.
 — (Belosepia sepioidea, var.), 44.
 blakei (Actinoceras), 89.
 blumi (Goniatites), 55.
 bohemicum (Barrandeoceras), 37.
 bohemicus (Agoniatites), 7.
 bonnardi (Arietites), 34.
 boucaultianum (Aegoceras), 2.
 bouei (Ammonites?), 11.
 bowerbankii (Crioceratites), 47.
 braikenridgii (Ammonites), 11.
 brevicostatus (Ceratites), 44.
 brevispina (Aegoceras), 3.
 — (Ammonites), 11.
 — (Belosepia), 43.
 breynii ? (Orthocera), 81.
 brocchii (Ammonites), 11.
 brodiei (Teudopsis), 92.
 brodiei (Ammonites), 11.
 bronni (Goniatites), 55.
 brooki (Arietites), 34.
 browni (Ammonites), 11.
 bruguierianus (Belemnites), 39.
 bunburianus (Ammonites), 11.
 bunelii (Teudopsis), 92.
 burtonensis (Nautilus), 69.
 caledonicus (Solenocheilus), 91.
 callisto (Ammonites), 11.
 calloviensis (Ammonites), 11.
 — (Nautilus), 70.
 cantabrigiensis (Nautilus), 70.
 carbonarium (Gastrioceras), 51.
 carbonarius (Temnocheilus), 92.
 carina (Goniatites), 55.
 cariniferus (Celonautilus), 45.
 — (Nautilus), 70.
 cassianus (Conchorhynchus), 46.
 cassiniana (Hercoglossa), 64, 79.
 cassinianus (Nautilus), 79.
 catenatum (Aegoceras), 3.
 catillus (Ammonites), 12.
 catinus (Ammonites), 12, 21.
 centralis (Nautilus), 70.
 centrifugum (Cyrtoceras), 47.
 charlesworthi (Aturia), 78.
 charmassei (Aegoceras), 3.
 chinense (Orthoceras), 89.
 cinctum (Gomphoceras), 54.
 — (Orthoceras), 84.
 cinetus (Ammonites), 12.
 cingulatus (Ammonites?), 12.
 circumflexifer ? (Goniatites), 55.
 clathratum (Cyrtoceras), 49.
 — (Meloceras), 49.
- clausus (Nautilus), 70.
 clavatus (Belemnites), 39.
 clitelarium (Ephippioceras), 51.
 clitelarius (Nautilus), 70, 71.
 cochleatum (Actinoceras), 89.
 — (Orthoceras), 89.
 collenotii (Arietites), 34.
 communis (Stephanoceras), 92.
 communis (Ammonites), 12.
 complanatus (Ammonites), 12.
 compressum (Aipoceras), 60.
 — (Gyroceras), 60.
 — (Mimoceras), 68.
 compressus (Belemnites), 39.
 — (Discites), 49.
 — (Ellipsolites), 50.
 — (Hamites), 61.
 — (Prolecanites), 90.
 comptoni (Nautilus), 71.
 concavum (Lioceras), 12.
 concavus (Ammonites), 12.
 — (Nautilus), 71.
 concinnus (Olcostephanus), 80.
 — (Simbirskites), 80.
 conica (Orthocera), 81.
 conoideus (Discosorus), 49.
 conspicuus (Solenocheilus), 91.
 constrictus (Ammonites), 12.
 conybeari (Ammonites), 13.
 — (Arietites), 30, 34.
 cordatus (Ammonites), 13.
 cordiformis (Orthocera), 81.
 coronatum (Gastrioceras), 51, 52.
 coronatus (Temnocheilus), 92.
 corrugatus (Ammonites), 13.
 costata (Ammonites mantelli, var.), 20.
 costatum (Ephippioceras), 51.
 costatus (Scaphites), 90.
 — (Turrilites), 94.
 —, var. triplicatus (Turrilites), 94.
 coupei (Ammonites), 13.
 credneri (Ammonites), 13.
 crenistria (Glyphioceras), 53.
 — (Goniatites), 55.
 ericki (Temnocheilus), 92.
 cristatus (Ammonites), 13.
 crossi (Arietites), 34.
 cunningtoni (Ammonites), 13.
 curvatus (Ammonites), 13.
 cuvieri (Belosepia), 43.
 cyclobus (Goniatites), 55.
 — (Pronorites), 55.
 cyclostomus (Nautilus), 71.
 cylindraceus (Hamites), 61.
 danica (Hercoglossa), 79.
 danicus (Nautilus), 79.
 darwini (Orthoceras), 84.
 davisii (Glyphioceras), 53.

- dechenii (Ammonites), 13.
 decipiens (Ammonites), 13.
 delphinus (Aturia), 36.
 denarius (Ammonites), 13.
 denotatus (Arietites), 34.
 densinodum (Aegoceras), 3.
 dentatus (Ammonites), 14.
 depressum (Cyrtoceras), 48.
 deshayesii (Ammonites), 30.
 — (Hoplites), 30.
 deslongchampsianus (Nautilus), 71,
 75.
 deverianus (Ammonites), 14.
 diadema (Glyphioceras), 53.
 diffissus (Ammonites), 14.
 discoides (Prolecanites), 90.
 discrepans (Dimorphoceras), 49.
 discus (Ammonites), 14.
 — (Nautilus), 71.
 docens (Orthoceras), 84.
 doohylensis (Pericyclus), 89.
 dorsalis (Nautilus), 71.
 — (Solenocheilus), 71.
 dufrenoii (Goniatites), 56.
 duncani (Ammonites), 14.
 duponti (Orthoceras), 84.
 duvalli (Crioceras), 47.
 elegans (Harpoceras), 63.
 — (Helicoceras), 64.
 — (Nautilus), 71, 72.
 — (Orthoceras), 84.
 elegantooides (Nautilus), 72.
 ellipticum (Orthocera), 81.
 ellipticus (Ammonites), 14.
 elongata ? (Xiphoteuthis), 96.
 elongatus (Belemnites), 39.
 equalis (Scaphites), 90.
 erugatus (Ammonites), 14.
 eta (Gomphoceras), 55.
 eudoxus (Ammonites), 14.
 euomphalus (Ammonites), 14.
 evoluta (Subclymenia), 92.
 excavatum (Glyphioceras), 53.
 excavatus (Ammonites), 15.
 — (Goniatites), 56.
 — (Nautilus), 72.
 expansus (Nautilus), 72.
 falcata (Tornoceras subundulatum,
 var.), 93.
 falcatus (Ammonites), 15.
 falcifer (Ammonites), 15.
 faujasii (Baculites), 37.
 festinans (Endoceras), 50.
 fibulatus (Ammonites), 15.
 fimbriatum (Cyrtoceras), 48.
 — (Glyphioceras), 53.
 — (Lytoceras), 66.
 fischeranus (Nautilus), 72.
 floridus (Ammonites), 15, 16.
 fontinalis (Ammonites), 16.
 fourneti (Aencyloceras), 31.
 franconica (Hercoglossa), 79.
 franconicus (Nautilus), 79.
 freieslebense (Orthocera), 81.
 funatus (Ellipsolithes), 50.
 furcatus (Pericyclus), 89.
 fusiforme (Orthoceras), 81.
 fusiformis (Orthocera), 81.
 gagateum (Aegoceras), 3.
 gaytani (Ammonites), 16.
 gemmatus (Ammonites), 16.
 geometricum (Ophidioceras), 80.
 gesneri (Orthoceras), 85.
 gibbosus (Hamites), 61.
 gigantea (Orthocera), 81, 82.
 giganteum (Orthoceras), 85.
 giganteus (Ammonites), 17.
 — (Belemnites), 39.
 gigas (Scaphites), 91.
 gilbertsoni (Dimorphoceras), 49,
 56.
 — (Goniatites), 56.
 glabellus (Ammonites), 17.
 glaber (Nautilus), 72.
 globatus (Celonautilus), 46.
 — (Nautilus), 72.
 goldfussi (Ammonites), 17.
 goniolobus (Nautilns), 73.
 goodhalli (Ammonites), 17.
 goupiliatus (Ammonites), 17.
 gowerianus (Ammonites), 17.
 gracilis (Discosorus), 49.
 gradus (Celonautilus), 46.
 granuloso-striatus (Ammonites ?),
 17.
 gravesianus (Turrilites), 94.
 grayi (Orthoceris), 85.
 greenoughi (Amaltheus), 7.
 griffithi (Ammonites), 17.
 guibalianus (Amaltheus), 7.
 gulielmii (Ammonites), 17.
 hastatus (Belemnites), 39.
 hastiformis (Coccoteuthis), 45.
 henleyi (Aegoceras), 3.
 herveyi (Ammonites), 17.
 heterogenum (Aegoceras), 3.
 heterophyllum (Phylloceras), 89.
 heterophyllus (Ammonites), 17.
 hexagonus (Nautilus), 73.
 hibernicum (Gyroceras), 60.
 hibernicus (Discites), 49.
 — (Solenocheilus), 91.
 hippocastanum (Ammonites), 17,
 18.
 hircinum (Lytoceras), 66.
 —, var. (Lytoceras), 66.
 hisingeri (Orthoceras), 85.
 hispanicum (Glyphioceras), 53.

- hookeri (Ammonites), 18.
 hughesii (Goniatites), 56.
 — (Tornoceras), 56.
 humboldtii (Ammonites), 18.
 humphriesianus (Ammonites), 18.
 hunstantonensis (Nautilus), 73.

 ibex (Aegoceras), 8.
 — (Amaltheus), 8.
 icenicus (Aptychus), 32.
 imbricatum (Actinoceras), 2.
 — (Orthoceras), 85.
 imperialis (Nautilus), 73.
 implicatum (Glyphioceras), 56.
 implicatus (Goniatites), 56.
 inæqualis (Nautilus), 73.
 inequalis (Nautilus), 73.
 inquiseptum (Orthoceras), 85.
 infrafurcatus (Goniatites ?), 56.
 infundibuliformis (Ceratites), 45.
 ingens (Nautilus), 73.
 inornatus (Nautilus), 74.
 insigne (Harpoceras), 63.
 intercostalis (Goniatites), 57.
 intermedium (Aegoceras), 18.
 — ? (Cyrtoceras), 48.
 intermedius (Ammonites), 18.
 — (Hamites), 61.
 intumescens (Gephyroceras), 52,
 57.
 — (Goniatites), 57.
 involvens (Nautilus ?), 74.
 iris (Goniatites), 57.
 iuliformis (Lituites), 66.
 ixion (Brancooceras), 44.

 jägeri (Ceratites ?), 45.
 jamesoni (Aegoceras), 3, 4.
 jason (Ammonites), 18.
 jauberti (Ancyloceras), 31.
 jossæ (Gastrioceras), 52.
 jourdani (Ancyloceras), 31.
 — (Nautilus), 74.
 jubar (Ammonites), 18.
 jugosus (Ammonites), 19.
 jurensis (Lytoceras), 67.

 karstenii (Ceratites), 45.
 keyserlingi (Gephyroceras), 52.
 kinnekullense (Orthoceras), 85.
 koenigi (Ammonites), 19.

 læviuseulus (Ammonites), 19.
 lamberti (Ammonites), 19.
 laqueolus (Aegoceras), 4.
 larva (Ammonites ?), 19.
 latæcosta (Ammonites), 19.
 laterale (Orthoceras), 87.
 lateseptatus ? (Anarcestes), 31.
 latilabiatus (Ammonites), 19.
 latipinnis (Coccoteuthis), 45.

 latiseptatus (Solenocheilus), 92.
 latus (Temnocheilus), 92.
 laetus (Ammonites), 19.
 leei (Gyroceras), 60.
 levesquei (Beloptera), 43.
 levisoni (Harpoceras), 63.
 lewesiensis (Ammonites), 19.
 liassicum (Aegoceras), 4.
 libanoticus (Nautilus), 74.
 lineatum (Lytoceras), 67.
 lineatus (Nautilus), 76.
 lineolatus (Nautilus), 74.
 listeri (Ammonites), 20.
 — (Belemnites), 39.
 — (Gastrioceras), 52.
 longaevus (Loligo), 66.
 longirostris (Belosepia), 43.
 — (Belosepia sepioidea, var.), 44.
 longispina (Belosepia), 44.
 — (Belosepia sepioidea, var.), 44.
 longispinus (Ammonites), 20.
 looneyi (Dimorphoceras), 49.
 loscombi (Ammonites), 20.
 — (Phylloceras), 89.
 ludense (Orthoceras), 85.
 luidii (Ammonites), 47.
 — (Conchyliolithus N. Ammonites), 47.
 — (Nautilites), 47.
 lymensis (Amaltheus), 8.
 lyonii (Actinoceras), 2.

 macrum (Cyrtoceras), 48.
 mactra (Grammoceras), 62.
 mammillare (Acanthoceras), 30.
 mammillaris (Ammonites), 30.
 mantelli (Ammonites), 20.
 — (Turrilites), 94.
 —, var. costata (Ammonites), 20.
 margaritatus (Amaltheus), 8.
 marie (Ammonites), 20.
 matheronianus (Ancyloceras), 31.
 maximiliani-leuchtenbergensis (Ammonites), 20.
 medea (Ammonites), 21.
 meriani (Ceratites), 45.
 micromphalus (Goniatites), 57.
 micronotum (Glyphioceras), 57.
 micronotus (Goniatites), 57.
 milleri (Aegoceras), 4.
 milletianus (Ammonites), 21.
 minimus (Belemnites), 39, 40.
 mirabilis (Ammonites ?), 21.
 mixolobus (Goniatites), 57.
 — (Prolecanites), 57.
 molarium (Tornoceras), 57.
 molarius (Goniatites), 56, 57.
 montefiorei (Belemnoteuthis), 42.
 moreanum (Aegoceras), 5.
 morrisii (Turrilites), 94.
 mucronatus (Belemnites), 40.

- mulsanti (*Ancyloceras*), 31.
 multicarinatus (*Cœlonautilus*), 46.
 — (Nautilus), 75.
 multicostata (*Ammonites*), 21.
 multilobatus (*Ammonites*), 21.
 — (*Goniatites*), 58.
 multiseptatus (Nautilus), 75.
 murchisonæ (*Ammonites*), 21.
 — (*Ludwigia*), 21.
 murrayi (*Jovellania*), 65.
 mutabilis (*Ammonites*), 21.

 nautiloideum (*Cyrtoceras*), 48.
 navicularis (*Ammonites*), 21, 22.
 neocomiensis (Nautilus), 75.
 nepaulensis (*Ammonites*), 22.
 nitidum (*Glyphioceras*), 53.
 nitidus (*Goniatites*), 58.
 nitiensis (*Hungarites*), 15, 16.
 nodo-costatus (*Ammonites*), 22.
 nodoso-carinatus (*Pleuronautilus*), 89.
 nodosum (*Cyrtoceras*), 48.
 nodosus (*Ammonites*), 22.
 — (*Hamites*), 61.
 noduloso-costatus (*Ammonites*), 22.
 nodulosus (*Arietites*), 36.
 normanianum (*Harpoceras*), 63.
 nummularius (*Orthoceras*), 85.
 nutfieldiensis (*Ammonites*), 22.

 obesus (Nautilus), 75.
 obliqua (*Huronia*), 64, 65.
 obliquatus (*Baculites*), 37.
 obliquum (*Cyrtoceras*), 48.
 obliquus (*Goniatites*), 58.
 — (*Scaphites*), 91.
 obtusum (*Glyphioceras*), 58.
 obtusus (*Ammonites*), 22.
 — (*Arietites*), 34.
 — (*Goniatites*), 58.
 octagonus (*Ammonites*), 22.
 opalinum (*Harpoceras*), 63.
 orbignyanus (Nautilus), 75.
 ornatum (*Nomismoceras*), 80.
 — (*Orthoceras*), 86.
 ornatus (*Goniatites*), 58.
 — (Nautilus), 75.
 ovatum (*Harpoceras*), 63.
 ovatus (*Ellipsolithes*), 50.
 oweni (*Belemnites*), 40.
 — (*Beloepia*), 44.
 owenii (*Belemnites*), 40.
 oxynotus (*Amaltheus*), 8.
 oxystomum (*Phacoceras*), 75.
 oxystomus (*Discites*), 75.
 — (Nautilus), 75.

 panescorsii (*Ancyloceras*), 31.
 paradoxica (*Orthocera*), 82.
 paradoxicum (*Gyroceras*), 60.

 paradoxicum (*Trigonoceras*), 60.
 parkinsoni (*Ammonites*), 22.
 — (*Cosmoceras*), 33.
 — (Nautilus), 69.
 parvus (*Ammonites*), 22.
 paucicarinatus (*Colœnautilus*), 46.
 paucilobum (*Glyphioceras*?), 58.
 paucilobus (*Goniatites*?), 58.
 paxillosus (*Belemnites*), 40.
 pentangularis (*Goniatites*), 59.
 peramplum (*Haploceras*), 30.
 peramplus (*Ammonites*), 23, 30.
 — (*Aptychus*), 82.
 perarmatus (*Ammonites*), 23.
 percostatum (*Endoceras* *trochleare*, var.), 50.
 perinflatus (Nautilus), 76.
 pettos (*Aegoceras*), 5.
 philippi (*Glyphioceras*), 54, 58.
 pinguis (*Colœnautilus*), 46.
 planicosta (*Aegoceras*), 5.
 planodiscus (*Ammonites*), 23.
 planorbis (*Ammonites*), 23.
 planulatus (*Ammonites*), 23.
 platylobum (*Glyphioceras*), 54.
 plebeium (*Cyrtoceras*), 48.
 plicata (*Belemnosis*), 42.
 plicatilis (*Ammonites*), 23.
 — (*Hamites*), 61, 62.
 plicomphalus (*Ammonites*), 23.
 politum (*Orthocera*), 82.
 — (*Orthoceras*), 82, 86.
 polygonalis (*Belemnites*), 40.
 — (Nautilus), 76.
 pompilius (Nautilus), 76.
 portlandica (*Hercoglossa*), 79.
 portlandicus (Nautilus), 79.
 portlocki (*Aptychus*), 32, 33.
 portlockii (*Aegoceras*), 5.
 — (*Huronia*), 64.
 præcox (*Cyrtoceras*), 48.
 prælonga (*Muensteria*), 68.
 prisca (*Sepia*), 91.
 proboscideus, var. (*Ammonites*), 23.
 pseudolineatus (Nautilus), 76, 79.
 pseudo-mutabilis (*Ammonites*), 24.
 pugnairii (*Ancyloceras*), 31.
 pulchellum? (*Orthoceras*), 86.
 pusulatum (*Belemnnum*), 42.
 puzosianus (*Belemnites*), 40.
 — (*Turrilites*), 94.
 pygmæum (*Orthoceras*), 86.

 quadrilateratus (*Ammonites*), 19, 24.

 radians (*Harpoceras*), 63.
 radiatus (*Goniatites*), 59.
 — (Nautilus), 76.
 raricostatus (*Arietites*), 34, 35.
 regalis (Nautilus), 76.
 regulare (*Trochoceras*), 93.

- remotus (*Discosorus*), 46.
 reticulatum (*Glyphioceras*), 54.
 — (Orthoceras), 86.
 retrorsum ? (*Gephyroceras*), 52.
 revalense (*Orthoceras*), 87.
 rhomagenis (*Ammonites*), 24.
 richardsoni (*Actinoceras*), 2.
 robustus (*Ammonites*), 24.
 — (Nautilus), 76.
 rostrata (*Schloenbachia*), 30.
 rostratus (*Ammonites*), 30.
 rotiforme (*Nomismoceras*), 80.
 rotiformis (*Ammonites*), 24.
 — (Arietites), 35.
 — (Goniatites), 59.
 rottermundi (*Endoceras*), 50.
 rotula (*Ammonites*), 24.
 rotundus (*Ammonites*), 24.
 — (Hamites), 62.
 rugosus (*Aptychus*), 33.
 sablieri (*Ancyloceras*), 31.
 sagittarium (*Aegoceras*), 5, 6.
 — (Beloceras), 42.
 sartousii (*Ancyloceras*), 32.
 sauzeanus (*Arietites*), 35.
 saxbi (Nautilus), 77.
 saxbyi (*Hercoglossa*), 77.
 — (Nautilus), 71.
 scalpratum (*Orthoceras*), 87.
 schlotheimi (*Orthoceras*), 87.
 scipionianus (*Arietites*), 35.
 scriptus (*Ammonites*), 24.
 semicanaliculatus (*Belemnites*), 40.
 semicostatus (*Arietites*), 35.
 semiundatus (Nautilus), 77.
 sepioidea (*Beloptera*), 43.
 — (Belosepia), 44.
 —, var. blainvillii (*Belosepia*), 44.
 —, var. longirostris (*Belosepia*), 44.
 —, var. longispina (*Belosepia*), 44.
 seringei (*Ancyloceras*), 32.
 serpentinum (*Harpoceras*), 63.
 serpentinus (*Goniatites*), 59.
 — (Prolecanites), 90.
 serratus (*Ammonites*), 24.
 simillimus (Nautilus), 77.
 simplex (*Ancyloceras*), 32.
 — (Tornoceras), 93.
 simulans (*Anarcestes*), 31.
 slatteri (*Aegoceras*), 6.
 sowerbii (Nautilus), 77.
 sowerbyi (Nautilus), 77.
 sp. (*Ammonites*), 29, 30.
 — (Belemnites), 41.
 — (Cyrtoceras), 48.
 — (Endoceras), 51.
 — (*Glyphioceras*), 54.
 — (Goniatites), 60.
 — (Hamites), 62.
 sp. (Huronia), 65.
 — (Nautilus), 79.
 — (Orthocera), 82, 83.
 — (Orthoceras), 88, 89.
 — (Turrilites), 95.
 speciosa (*Acanthotheuthis*), 1.
 sphæricum (*Glyphioceras*), 25, 54.
 sphæricus (*Ammonites*), 25.
 — (Goniatites), 59.
 sphæroidalis (*Huronia*), 65.
 spinatus (*Amaltheus*), 8.
 spiniger (*Hamites*), 62.
 spinosissimus (*Ammonites*), 25.
 spinosus (*Ammonites*), 25.
 spinulo-costatus (*Ammonites*), 25.
 spirolobus (*Clydonautilus*), 79.
 — (Nautilus), 79.
 spirorbis (Goniatites), 59.
 — (*Nomismoceras*), 80.
 splendens (*Ammonites*), 25.
 steinhaueri (*Orthocera*), 82.
 — (*Orthoceras*), 87.
 stellaris (Arietites), 30.
 stenolobum (*Glyphioceras*), 54.
 stephanoides (*Ammonites*), 25.
 stracheyi (*Arpadites*), 16.
 strangewaysi (*Ammonites*), 25.
 striata (*Orthocera*), 82.
 striatissimum (*Orthoceras*), 87.
 striatulum (*Grammoceras*), 25.
 striatus (*Ammonites*), 25.
 striatum (*Aegoceras*), 6.
 — (*Glyphioceras*), 25.
 striatus (*Ammonites*), 25.
 — (Nautilus), 77.
 — (Scaphites), 91.
 subannulare (*Orthoceras*), 87.
 subarmatus (*Ammonites*), 25.
 subcarinatum (*Phylloceras*), 89.
 subdenticulatus (*Ammonites*), 26.
 sublevis (*Ammonites*), 26.
 submuticum (*Aegoceras*), 6.
 subnodosus (Arietites), 36.
 subquadratum (*Trochoceras*), 93.
 subradiatus (*Ammonites*), 26.
 subsulcatus (Nautilus), 77.
 subundoræ (Hoplites), 64.
 subundulatum (*Tornoceras*), 93.
 —, var. falcata (*Tornoceras*), 93.
 sulcatum (*Orthoceras*), 87.
 sulcatus (*Belemnites*), 41.
 — (Nautilus), 77.
 sussexiensis (*Ammonites*), 26.
 sutherlandi (*Ammonites*), 26.
 syriaca (*Dorateuthis*), 50.
 tabarelli (*Ancyloceras*), 32.
 taylori (*Aegoceras*), 6.
 tenuis (*Hamites*), 62.
 tenuistriata (*Ammonites*), 26.

- tenuistriatus (Ammonites), 26, 29.
 tenuisulcatus (Ammonites), 26.
 terebratum (Maeneceras), 67.
 terebratus (Nautilus), 77.
 teres (Conularia), 47.
 —— (Orthoceras), 47.
 terveri (Ancyloceras), 32.
 tessonianus (Ammonites), 27.
 tetragonum (Centroceras), 92.
 tetragonus (Nautilus), 78.
 —— (Temnocheilus), 92.
 thiolierei (Ancyloceras), 32.
 tortile (Aegoceras), 4.
 torulosum (Lytoceras), 67.
 transitorius (Goniatites), 59.
 trigonale (Orthoceras), 87.
 triplex (Ammonites), 27.
 triplicatus (Ammonites), 27.
 —— (Turrilites), 94.
 —— (Turrilites costatus, var.), 94.
 trochlearae (Endoceras), 50.
 ——, var. percostatum (Endoceras),
 50.
 truncatum (Glyphioceras), 59.
 truncatus (Goniatites), 59.
 —— (Nautilus), 78.
 tuberculatus (Ammonites), 27.
 —— (Hamites), 62.
 —— (Nautilus), 78, 96.
 —— (Turrilites), 95.
 turbinata (Huronia), 65.
 turgidus (Hamites), 62.
 turneri (Ammonites), 27, 28.
 —— (Arietites), 36.
 umbilicatus (Ammonites), 28.
 umbo (Ammonites), 28.
 undatus (Ammonites), 28.
 undulata (Clymenia), 45.
 —— (Orthocera), 82.
 —— (Turrilites), 95.
 undulatum (Orthoceras), 87.
 undulatus (Turrilites), 95.
 ungeri (Ammonites), 28.
 unguis (Orthoceras), 88.
 urbanus (Nautilus), 78.
 vagina (Baculites), 37.
 vaginatum ? (Orthoceras), 88.
 valdani (Aegoceras), 7.
 vanden-heckii (Ancyloceras), 32.
 vanuxemi (Agoniatites), 7.
 variabile (Harpoceras), 64.
 variabilis (Haugia), 19.
 varians (Ammonites), 28, 30.
 —— (Schloenbachia), 30.
 varicosus (Ammonites), 29.
 velleda (Ammonites), 29.
 veltheimii (Ammonites), 29.
 verna-rhenanus (Agoniatites), 7.
 vertebralis (Ammonites), 29.
 —— (Huronia), 65.
 vertumnus (Ammonites), 29.
 vesica ? (Glyphioceras), 54.
 —— (Goniatites), 59.
 vicarii (Orthoceras), 88.
 vittiger (Goniatites), 60.
 wahlenbergi (Endoceras), 50, 51.
 wallichii (Ammonites), 29.
 whidbornei (Tornoceras), 56.
 whitei (Ormoceras), 83.
 wiestii (Turrilites), 95.
 wiltonensis (Ammonites), 29.
 wiltshirei (Amaltheus), 8.
 winterbottomi (Ammonites), 29.
 woollgari (Ammonites), 29.
 zetes (Phylloceras), 89.
 ziczac (Aturia), 78.
 —— (Nautilus), 78.
 zic-zac (Aturia), 36.
 —— (Clymenia ?), 36.
 —— (Nautilus ?), 36.

D. J. G. Office
 29 APR. 98









