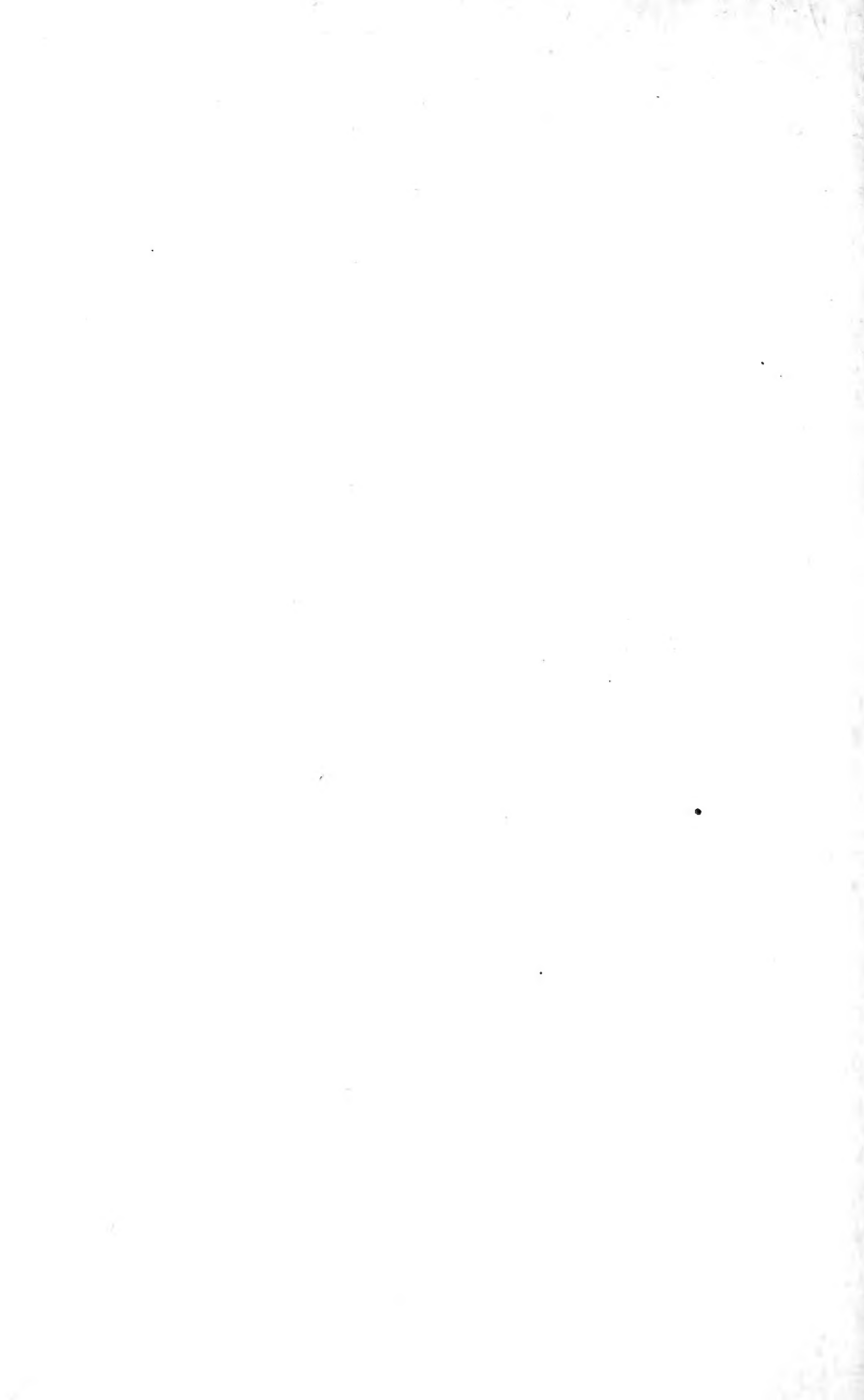


UNIV. OF  
TORONTO  
LIBRARY











4/11/11  
dec. 11

T

K

PALAEONTOLOGY

## INTERNATIONAL COUNCIL.

DR. CYRUS ADLER (UNITED STATES).  
PROF. H. E. ARMSTRONG (UNITED KINGDOM).  
N. TYPALDO BASSIA (GREECE).  
DR. JOSEF DONABAUM (AUSTRIA).  
DR. J. BRUNCHORST (NORWAY).  
DR. E. W. DAHLGREN (SWEDEN).  
E. M. DOWSON (EGYPT).  
PROF. A. FAMINTZIN (RUSSIA).  
PROF. DR. J. H. GRAF (SWITZERLAND).  
PROF. J. W. GREGORY (VICTORIA).  
DR. M. KNUDSEN (DENMARK).  
PROF. D. J. KORTEWEG (HOLLAND).  
PROF. H. LAMB (S. AUSTRALIA).  
PROF. A. LIVERSIDGE (NEW SOUTH WALES).  
PROF. R. NASINI (ITALY).  
DON F. DEL PASO Y TRONCOSO (MEXICO).  
PROF. H. POINCARÉ (FRANCE).  
COL. D. PRAIN (INDIA).  
PROF. GUSTAV RADOS (HUNGARY).  
HON. C. H. RASON (W. AUSTRALIA).  
PROF. J. SAKURAI (JAPAN).  
R. TRIMEN, (CAPE COLONY).  
PROF. DR. O. UHLWORM (GERMANY).

## EXECUTIVE COMMITTEE.

PROF. H. E. ARMSTRONG.  
DR. HORACE T. BROWN.  
PROF. A. FAMINTZIN.  
LEONARD C. GUNNELL.  
PROF. H. McLEOD.  
DR. P. CHALMERS MITCHELL.  
PROF. R. NASINI.  
PROF. H. POINCARÉ.  
PROF. DR. O. UHLWORM.

## DIRECTOR.

DR. H. FORSTER MORLEY.

## REFEREE FOR THIS VOLUME.

DR. IVOR THOMAS.



~~S Bb~~  
~~ICT2~~

711

# INTERNATIONAL CATALOGUE

OF

# SCIENTIFIC LITERATURE

EIGHTH ANNUAL ISSUE.

# K

# PALAEONTOLOGY

---

PUBLISHED FOR THE INTERNATIONAL COUNCIL

BY THE

ROYAL SOCIETY OF LONDON

LONDON:

HARRISON AND SONS, 45, ST. MARTIN'S LANE

*France*: GAUTHIER-VILLARS, Paris

*Germany*: R. FRIEDLÄNDER UND SOHN, Berlin

1910 (NOVEMBER)

10707 /  
/ / / / /

2  
7403  
R882  
D. K.  
1908

[Material received between Sept. 1908 and Dec. 1909.]

---

The *International Catalogue of Scientific Literature* is in effect a continuation of the Royal Society's *Catalogue of Scientific Papers* which will, when completed, consist of an Author Catalogue and Subject Index covering the period of 1800-1900. Twelve quarto volumes of the Author Catalogue covering the period 1800-1883 have already been published; the volumes for 1884-1900 are in course of preparation. The Subject Index will be issued separately for each of the seventeen sciences dealt with in the International Catalogue of Scientific Literature, and will be arranged in accordance with its Schedules. The volumes for Pure Mathematics and Mechanics are published. The Subject Index for Physics is in preparation.

# INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE.

GOVERNMENTS AND INSTITUTIONS CO-OPERATING IN THE PRODUCTION  
OF THE CATALOGUE.

- The Government of Austria.
- The Government of Belgium.
- The Government of Canada.
- The Government of Cuba.
- The Government of Denmark.
- The Government of Egypt.
- The Society of Sciences, Helsingfors, Finland.
- The Government of France.
- The Government of Germany.
- The Royal Society of London, Great Britain.
- The Government of Greece.
- The Government of Holland.
- The Government of Hungary.
- The Asiatic Society of Bengal, India.
- The Government of Italy.
- The Government of Japan.
- The Government of Mexico.
- The Government of New South Wales.
- The Government of New Zealand.
- The Government of Norway.
- The Academy of Sciences, Cracow.
- The Polytechnic Academy, Oporto, Portugal.
- The Government of Queensland.
- The Government of Russia.
- The Government of the Cape of Good Hope.
- The Government of South Australia.
- The Government of Spain.
- The Government of Sweden.
- The Government of Switzerland.
- The Smithsonian Institution, United States of America
- The Government of Victoria.
- The Government of Western Australia.

# INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE.

## CENTRAL BUREAU.

34 AND 35, SOUTHAMPTON STREET,  
STRAND,

LONDON, W.C.

*Director.*—H. FORSTER MORLEY, M.A., D.Sc.

---

## REGIONAL BUREAUS.

All communications for the several Regional Bureaus are to be sent to the addresses here given.

- Austria.**—Herr Hofrat Dr. Josef v. Karabacek, Direktor, K. K. Hofbibliothek, Vienna.
- Belgium.**—Monsieur Louis Masure, Secrétaire-Général de l'Office International de Bibliographie, Brussels.
- Canada.**—Prof. J. G. Adami, McGill College, Montreal.
- Cuba.**—Prof. Santiago de la Huerta, Havana.
- Denmark.**—Dr. Martin Knudsen, Jens Koefoedsgade 2, Copenhagen. O.
- Egypt.**—E. M. Dowson, Esq., A.I.C.E., Director-General, Survey Department, Cairo.
- Finland.**—Herr Dr. G. Schauman, Bibliothekar der Societät der Wissenschaften, Helsingfors.
- France.**—Monsieur le Dr. J. Deniker, 8, Rue de Buffon, Paris.
- Germany.**—Herr Prof. Dr. O. Uhlworm, Enckeplatz, 3A, Berlin, S.W
- Greece.**—Monsieur P. Calogeropoulos, Boulē tōn Ellēnōn, 20 Homer Street, Athens.
- Holland.**—Heer Prof. D. J. Korteweg, Universitāt, Amsterdam.
- Hungary.**—Herr Prof. Gustav Rados, viii, Muzeumkörut, Múegyetem, Buda-Pest.
- India and Ceylon.**—The Hon. Sec., Asiatic Society of Bengal, 57, Park Street, Calcutta.
- Italy.**—Cav. E. Mancini, Accademia dei Lincei, Palazzo Corsini, Lungara, Rome.

- Japan.**—Prof. J. Sakurai, Imperial University, Tokyo.
- Mexico.**—Señor Don José M. Vigil, Presidente del Instituto Bibliografico Mexicano, Biblioteca Nacional, Mexico City.
- New South Wales.**—The Hon. Sec., Royal Society of New South Wales, Sydney.
- New Zealand.**—The Director, New Zealand Institute, Wellington N.Z.
- Norway.**—Mr. A. Kiær, Universitetet, Kristiania.
- Poland (Austrian, Russian and Prussian).**—Dr. T. Estreicher, Sekretarz, Komisya Bibliograficzna, Akademii Umiejętności, Cracow.
- Portugal.**—Senhor F. Gomez Teixeira, Academia Polytechnica do Porto Oporto.
- Queensland.**—John Shirley, Esq., B.Sc., Cordelia Street, South Brisbane.
- Russia.**—Monsieur E. Heintz, l'Observatoire Physique Central Nicolas, Vass. Ostr. 23-me ligne, 2, St. Petersburg.
- South Africa.**—Dr. L. Péringuey, South African Museum, Cape Town, Cape of Good Hope.
- South Australia.**—The Librarian, Public Library of South Australia, Adelaide.
- Spain.**—Señor Don José Rodriguez Carracido, Real Academia de Ciencias, Valverde 26, Madrid.
- Straits Settlements.**—The Director, Raffles Museum, Singapore.
- Sweden.**—Dr. E. W. Dahlgren, Royal Academy of Sciences, Stockholm.
- Switzerland.**—Herr Prof. Dr. J. H. Graf, Schweizerische Landesbibliothek, Berne.
- The United States of America.**—Leonard C. Gunnell, Esq., Smithsonian Institution, Washington.
- Victoria.**—Thomas S. Hall, Esq., Hon. Sec. Royal Society of Victoria, Victoria Street, Melbourne.
- Western Australia.**—J. S. Battye, Esq., Victoria Public Library, Perth.

## INSTRUCTIONS.

The present volume contains (a) Schedules and Indexes in four languages; (b) An Author Catalogue; (c) A Subject Catalogue.

The Schedules have been revised in accordance with the decisions of the International Convention of 1905.

The Subject Catalogue begins with some general sections 0000 to 0220. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the publications arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the Index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the right-hand top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1908, but includes those portions of the literature of 1901-1907 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes. There are also entries dated 1909.

### TOPOGRAPHICAL SYMBOLS.

These symbols are letters printed in *italics*. They are explained in the Topographical Classification. They are not used instead of Registration numbers, but for sub-dividing certain sections.

## CONTENTS.

	PAGE
Author Catalogue .. .. .	19
Subject Catalogue .. .. .	69
Palaeozoology:	
Stratigraphical .. .. .	77
Zoological .. .. .	119
List of New Genera and Species .. .. .	158
Palaeobotany:	
Stratigraphical .. .. .	197
Botanical .. .. .	208
List of New Genera and Species .. .. .	217
Alphabetical List of New Specific and Generic Names ..	223

International Catalogue of Scientific Literature

SCHEDULE

OF

CLASSIFICATION

---

(K) PALÆONTOLOGY

## (K) PALÆONTOLOGY.

- 0000 Philosophy.  
 0010 History. Biography.  
 0020 Periodicals. Reports of Institutions, Societies, Congresses. etc.  
 0030 General Treatises, Text Books, Dictionaries, Collected Works, Tables.  
 0032 Bibliographies.  
 0040 Addresses, Lectures, etc., of a general character.  
 0050 Pedagogy.  
 0060 Institutions, Museums, Collections.  
 0070 Nomenclature.  
 0100 Distribution of Life (Animal and Vegetable) in Past Times.  
 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.  
 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)  
 0210 Fossils of Indeterminate Biological Character.  
 0220 Fossilisation.

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the sub-division of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological subdivisions are identical with those used in the Zoological schedule. The numbers for Botanical subdivisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

## (K) PALÄONTOLOGIE.

- Philosophie.  
 Geschichte. Biographien.  
 Periodica, Berichte von Instituten, Gesellschaften, Kongressen etc.  
 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, Sammelwerke, Tabellen.  
 Bibliographien.  
 Festreden, Vorträge u. s. w., allgemeiner Art.  
 Pädagogik.  
 Institute, Museen, Sammlungen.  
 Nomenklatur.  
 Verteilung des Lebens (des tierischen und pflanzlichen) in vergangenen Zeiten.  
 Zonare Paläontologie; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.  
 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)  
 Fossilien unbestimmten biologischen Charakters.  
 Versteinerung.

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl welche die Unterabteilung des Tier- oder Pflanzenreiches anzeigt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numerieren sein: K 55.6700.

Die Nummern für die zoologischen Unterabteilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabteilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nötig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.



## (K) PALÉONTOLOGIE.

- 0000 Philosophie.  
 0010 Histoire. Biographies.  
 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.  
 0030 Traités généraux, Manuels, Dictionnaires, Recueils, Tables.  
 0032 Bibliographies.  
 0040 Discours, Cours, etc., d'un caractère général.  
 0050 Enseignement.  
 0060 Institutions, Musées, Collections.  
 0070 Nomenclature.  
 0100 Distribution géographique des animaux et des plantes dans les temps passés.  
 0150 Paléontologie stratigraphique : changements de formes dans les couches successives, etc.  
 0200 Evolution. (*Voy. aussi* L. 4300 N 0223 ; M 4400.)  
 0210 Fossiles dont le caractère biologique n'est pas déterminé.  
 0220 Fossilisation.

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231 ; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *et*.

## (K) PALEONTOLOGIA.

- Filosofia.  
 Storia. Biografie.  
 Periodici. Resoconti di Istituti, Società, Congressi, ecc.  
 Trattati generali, Libri di testo, Dizionari, Raccolte, Tavole.

- Bibliografie.  
 Discorsi, Letture, ecc., aventi un carattere generale.  
 Pedagogia.  
 Istituti, Musei, Collezioni.  
 Nomenclatura.  
 Distribuzione della vita (animale e vegetale) nei passati tempi.

- Paleontologia stratigrafica : mutazioni (cambiamenti di forma in strati successivi), ecc.  
 Evoluzione. (*Vedi anche* L 4300 ; N 0223 ; M 4400.)

- Fossili il cui carattere biologico è indeterminato.  
 Fossilizzazione.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero stratigrafico-geologico (due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231 ; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *et*.

Paleozoologia.		38 Fossils of doubtful Strati- graphical position.	39 General.	45 Paleo- zoic (General).	50 Lower Paleo- zoic.
0231	Paleozoologia ... ..	38, 0231	39, 0231	45, 0231	50, 0231
5231	Ferobrata ... ..	38, 5231	39, 5231	45, 5231	50, 5231
6031	Mammalia ... ..	38, 6031	39, 6031	45, 6031	50, 6031
5831	Aves ... ..	38, 5831	39, 5831	45, 5831	50, 5831
5931	Reptilia et Batrachia ... ..	38, 5931	39, 5931	45, 5931	50, 5931
5431	Pi-ces ... ..	38, 5431	39, 5431	45, 5431	50, 5431
5031	Tunicata, Amphioxus, &c. ... ..	38, 5031	39, 5031	45, 5031	50, 5031
2431	Artropoda, incl. Insecta ... ..	38, 2431	39, 2431	45, 2431	50, 2431
3431	Myriopoda ... ..	38, 3431	39, 3431	45, 3431	50, 3431
3031	Arachnida ... ..	38, 3031	39, 3031	45, 3031	50, 3031
2831	Xiphosura, Euriptera, Trilobita, &c. ... ..	38, 2831	39, 2831	45, 2831	50, 2831
2631	Crustacea ... ..	38, 2631	39, 2631	45, 2631	50, 2631
2231	<i>Mollusca</i> , incl. Cephalopoda, Gastropoda, Amphineura, Scaphopoda et Lamellibran- chiata (Pelecypoda) ... ..	38, 2231	39, 2231	45, 2231	50, 2231
2031	Brachiopoda, incl. Bryozoa (Polyzoa) ... ..	38, 2031	39, 2031	45, 2031	50, 2031
1831	Vermes ... ..	38, 1831	39, 1831	45, 1831	50, 1831
1031	Echinodermata ... ..	38, 1031	39, 1031	45, 1031	50, 1031
0831	Coelenterata, incl. Graptolithoidea ... ..	38, 0831	39, 0831	45, 0831	50, 0831
0631	Poritera ... ..	38, 0631	39, 0631	45, 0631	50, 0631
0431	Protozoa ... ..	38, 0431	39, 0431	45, 0431	50, 0431
0131	Fossilia affinitatis vel originis incertae ... ..	38, 0131	39, 0131	45, 0131	50, 0131

Paleobotanica.		38	39	45	50
5000	Paleobotanica generalis ... ..	38, 5000	39, 5000	45, 5000	50, 5000
5400	Dicotyledones ... ..	38, 5400	39, 5400	45, 5400	50, 5400
6000	Monocotyledones ... ..	38, 6000	39, 6000	45, 6000	50, 6000
6500	Gymnospermeae ... ..	38, 6500	39, 6500	45, 6500	50, 6500
6600	Cycadofilices (Pteridospermeae) ... ..	38, 6600	39, 6600	45, 6600	50, 6600
6700	Pteridophyta ... ..	38, 6700	39, 6700	45, 6700	50, 6700
7000	Musi et Hepaticae ... ..	38, 7000	39, 7000	45, 7000	50, 7000
7300	Characeae ... ..	38, 7300	39, 7300	45, 7300	50, 7300
7400	Algae et Schizophyceae ... ..	38, 7400	39, 7400	45, 7400	50, 7400
7600	Lichenes ... ..	38, 7600	39, 7600	45, 7600	50, 7600
7700	Fungi, Bacteria, et Mycetozoa ... ..	38, 7700	39, 7700	45, 7700	50, 7700
7900	Plantae incertae sedis ... ..	38, 7900	39, 7900	45, 7900	50, 7900

Übersetzung obiger stratigraphischer Überschriften.

Fossils of doubtful stratigraphical position ... ..	38	Fossilien zweifelhafter stratigraphischer Stellung ... ..	38
General ... ..	39	Allgemeines ... ..	39
Paleozoic (General) ... ..	45	Paleozoicum (Allgemeines) ... ..	45
Lower Paleozoic ... ..	50	Unteres Paleozoicum ... ..	50
Upper Paleozoic ... ..	55	Oberes Paleozoicum ... ..	55
Mesozoic (General) ... ..	60	Mesozoicum (Allgemeines) ... ..	60
Triassic ... ..	65	Trias ... ..	65
Jurassic ... ..	70	Jura ... ..	70
Cretaceous ... ..	75	Kreide ... ..	75
Cenozoic (Tertiary) (General) ... ..	80	Känozoicum (Tertiär) (Allgemeines) ... ..	80
Lower Cenozoic, Eocene, Oligocene ... ..	85	Unteres Tertiär, Eocän, Oligocän ... ..	85
Upper Cenozoic, Miocene, Pliocene ... ..	90	Oberes Tertiär, Miocän, Pliocän ... ..	90
Pleistocene and Recent ... ..	95	Quartär und recente Bildungen ... ..	95

55	60	65	70	75	80	85	90	95
Upper Palaeozoic.	Mesozoic (General).	Triassic.	Jurassic.	Cretaceous.	Cenozoic (Tertiary) (General).	Lower Cenozoic Eocene, Oligocene.	Upper Cenozoic Miocene, Pliocene	Pleistocene and Recent.
55.0231	60.0231	65.0231	70.0231	75.0231	80.0231	85.0231	90.0231	95.0231
55.5231	60.5231	65.5231	70.5231	75.5231	80.5231	85.5231	90.5231	95.5231
55.6031	60.6031	65.6031	70.6031	75.6031	80.6031	85.6031	90.6031	95.6031
55.5831	60.5831	65.5831	70.5831	75.5831	80.5831	85.5831	90.5831	95.5831
55.5631	60.5631	65.5631	70.5631	75.5631	80.5631	85.5631	90.5631	95.5631
55.5431	60.5431	65.5431	70.5431	75.5431	80.5431	85.5431	90.5431	95.5431
55.5031	60.5031	65.5031	70.5031	75.5031	80.5031	85.5031	90.5031	95.5031
55.2431	60.2431	65.2431	70.2431	75.2431	80.2431	85.2431	90.2431	95.2431
55.3431	60.3431	65.3431	70.3431	75.3431	80.3431	85.3431	90.3431	95.3431
55.3031	60.3031	65.3031	70.3031	75.3031	80.3031	85.3031	90.3031	95.3031
55.2831	60.2831	65.2831	70.2831	75.2831	80.2831	85.2831	90.2831	95.2831
55.2631	60.2631	65.2631	70.2631	75.2631	80.2631	85.2631	90.2631	95.2631
55.2231	60.2231	65.2231	70.2231	75.2231	80.2231	85.2231	90.2231	95.2231
55.2031	60.2031	65.2031	70.2031	75.2031	80.2031	85.2031	90.2031	95.2031
55.1831	60.1831	65.1831	70.1831	75.1831	80.1831	85.1831	90.1831	95.1831
55.1031	60.1031	65.1031	70.1031	75.1031	80.1031	85.1031	90.1031	95.1031
55.0831	60.0831	65.0831	70.0831	75.0831	80.0831	85.0831	90.0831	95.0831
55.0631	60.0631	65.0631	70.0631	75.0631	80.0631	85.0631	90.0631	95.0631
55.0431	60.0431	65.0431	70.0431	75.0431	80.0431	85.0431	90.0431	95.0431
55.0131	60.0131	65.0131	70.0131	75.0131	80.0131	85.0131	90.0131	95.0131
55	60	65	70	75	80	85	90	95
55.5000	60.5000	65.5000	70.5000	75.5000	80.5000	85.5000	90.5000	95.5000
55.5400	60.5400	65.5400	70.5400	75.5400	80.5400	85.5400	90.5400	95.5400
55.6000	60.6000	65.6000	70.6000	75.6000	80.6000	85.6000	90.6000	95.6000
55.6500	60.6500	65.6500	70.6500	75.6500	80.6500	85.6500	90.6500	95.6500
55.6600	60.6600	65.6600	70.6600	75.6600	80.6600	85.6600	90.6600	95.6600
55.6700	60.6700	65.6700	70.6700	75.6700	80.6700	85.6700	90.6700	95.6700
55.7000	60.7000	65.7000	70.7000	75.7000	80.7000	85.7000	90.7000	95.7000
55.7300	60.7300	65.7300	70.7300	75.7300	80.7300	85.7300	90.7300	95.7300
55.7400	60.7400	65.7400	70.7400	75.7400	80.7400	85.7400	90.7400	95.7400
55.7600	60.7600	65.7600	70.7600	75.7600	80.7600	85.7600	90.7600	95.7600
55.7700	60.7700	65.7700	70.7700	75.7700	80.7700	85.7700	90.7700	95.7700
55.7900	60.7900	65.7900	70.7900	75.7900	80.7900	85.7900	90.7900	95.7900

*Traduction des titres stratigraphiques ci-dessus.*

Fossiles de position stratigraphique douteuse ... ..	38	Fossili di dubbia posizione stratigrafica ... ..	38
Généralités ... ..	39	Generalità ... ..	39
Paléozoïque (Généralités) ... ..	45	Paleozoico (Generalità) ... ..	45
Paléozoïque inférieur ... ..	50	Paleozoico inferiore ... ..	50
Paléozoïque supérieur ... ..	55	Paleozoico superiore ... ..	55
Mésozoïque (Généralités) ... ..	60	Mesozoico (Generalità) ... ..	60
Triasique ... ..	65	Triasico ... ..	65
Jurassique ... ..	70	Giurassico ... ..	70
Crétacé ... ..	75	Cretaceo ... ..	75
Néozoïque (Tertiaire) (Généralités) ... ..	80	Cenozoico (Terziario) (Generalità) ... ..	80
Néozoïque inférieur. Eocène, Oligocène ... ..	85	Cenozoico inferiore. Eocene, Oligocene ... ..	85
Néozoïque supérieur. Miocène, Pliocène ... ..	90	Cenozoico superiore. Miocene, Pliocene ... ..	90
Pleistocène et terrains récents ... ..	95	Pleistocene e recente ... ..	95



International Catalogue of Scientific Literature

---

**TOPOGRAPHICAL CLASSIFICATION**

### TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany, Zoology, etc.]

#### 1.—MAIN DIVISIONS.

- a. The Earth as a whole.
- b. Land as a whole.
- c. Ocean as a whole.
- d. Europe and Mediterranean Sea and Islands.
- e. Asia and Malay Archipelago, Celebes and Timor inclusive.
- f. Africa and Madagascar.
- g. North America, including Mexico.
- h. Central and South America, and West Indian Islands.
- i. Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k. Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l. Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m. Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n. Pacific and Islands from the Arctic Circle to Lat. 45° S.; and between meridian 147° E. of Greenwich and the coast of South America.
- o. Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand. (*See mb.*)

### TOPOGRAPHISCHE KLASSIFIKATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

#### 1.—HAUPT-ABSCHNITTE.

- Die Erde als Ganzes.
- Das Festland als Ganzes.
- Der Ocean als Ganzes.
- Europa und das Mittelländische Meer mit seinen Inseln.
- Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- Afrika und Madagaskar.
- Nord-Amerika, einschliesslich Mexiko.
- Central- und Süd-Amerika, Westindische Inseln.
- Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- Arktisches Gebiet: Grönland und der nördlich des Polarkreises oder der Küsten von Amerika, Asien und Europa gelegene Raum, je nachdem das Eine oder das Andere weiter nach Norden liegt.
- Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südlich von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd Amerika.
- Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O.L.; im Osten bis zur Küste von Australien und dem Meridian 147° O.L.
- Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- Antarktisches Gebiet, umfasst das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Teile von Süd-Amerika und Neu-Seelands. (*Siehe mb.*)

## CLASSIFICATION TOPO- GRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

### 1.—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe avec la Mer méditerranéenne et ses îles.
- e. Asie et Archipel Malais, Célèbes et Timor inclus.
- f. Afrique et Madagascar.
- g. Amérique du Nord, le Mexique inclu.
- h. Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques : Groenland et la zone au nord, soit du cercle polaire, soit des côtes américaines, asiatiques et européennes.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique; et à l'ouest par la côte de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S.; à l'ouest par le méridien 20° E. (Greenwich); à l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S.; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande. (*Voy. mb.*)

## CLASSIFICAZIONE TOPO- GRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia ecc.]

### 1.—DIVISIONI PRINCIPALI.

La Terra nel suo complesso.

Le terre emerse.

L'oceano nel suo complesso.

Europa e mare Mediterraneo con le sue isole.

Asia e Arcipelago Malese, compreso Celebes e Timor.

Africa e Madagascar.

America settentrionale, compreso il Messico.

America Centrale e Meridionale, e Indie Occidentali.

Australia, Tasmania e Nuova Zelandia colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.

Regione Artica : Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell'America continentale, dell'Asia e dell'Europa.

L'Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S.; limitato nella sua parte meridionale, oltre la costa Africana, dal 20° E. da Greenwich ad Est, e dalla costa dell'America meridionale ad Ovest.

L'Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente dal meridiano 20° E. da Greenwich, a Levante dalla costa dell'Australia e dal 147° E. da Greenwich.

Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell'America meridionale.

Regione Antartica : cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell'America del Sud e della Nuova Zelandia. (*Vedi mb.*)

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu klassifizieren.

## 2.—SUB-DIVISIONS.

### d. EUROPE AND MEDITERRANEAN SEA AND ISLANDS.

- da.* Scandinavia: Sweden, Norway, Denmark; Iceland, Faeroes.  
*db.* Russian Empire and Russia in Europe (including Caucasus).  
*dba.* Northern Russia.  
*dbb.* Southern Russia.  
*dbc.* Central Russia.  
*dbd.* Caucasus.  
*dbe.* Ural.  
*dc.* German Empire.  
*dd.* Holland; Belgium; Luxemburg.  
*de.* British Islands.  
*df.* France and Corsica.  
*dg.* Iberian Peninsula (including Pyrenees): Spain (with the Balearic Islands); Portugal.  
*dh.* Italy. Sicily (with Lipari Islands and Pantellaria). Sardinia.  
*di.* Switzerland.  
*dii.* Alps.  
*dk.* Austria-Hungary (Bosnia and Herzegovina included).  
*dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro and Greece).  
*dm.* Mediterranean and Islands (Crete, Cyprus and Malta).  
*dn.* Black Sea and Sea of Azov.  
*do.* Baltic and Islands.  
*dp.* North Sea.  
*dq.* English Channel, including Channel Islands.

### e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.  
*ea.* West Siberia.  
*ea.* East Siberia.  
*eac.* Central Asiatic Russia.  
*eb.* China and Dependencies: Mongolia, Tibet, etc. Corea.  
*ec.* Japanese Islands; Formosa.  
*ed.* French Indo-China: Tonquin, Annam, etc.

## 2.—UNTERABTHEILUNGEN.

### EUROPA UND DAS MITTELLÄNDISCHE MEER MIT SEINEN INSELN.

- Skandinavien: Schweden, Norwegen, Dänemark; Island, Faröer  
 Das russische Reich und das Europäische Russland (einschl. Kaukasus).  
 Nordrussland.  
 Südrussland.  
 Centralrussland.  
 Kaukasus.  
 Ural.  
 Das Deutsche Reich.  
 Holland; Belgien; Luxemburg.  
 Die Britischen Inseln.  
 Frankreich und Corsica.  
 Iberische Halbinsel (einschl. Pyrenäen): Spanien (mit den balearischen Inseln); Portugal.  
 Italien. Sicilien (mit den liparischen Inseln und Pantellaria). Sardinien.  
 Die Schweiz.  
 Die Alpen.  
 Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).  
 Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).  
 Das Mittelländische Meer mit seinen Inseln (Crete, Cypern und Malta).  
 Schwarzes Meer und Asowsches Meer.  
 Die Ostsee mit ihren Inseln.  
 Die Nordsee.  
 Englischer Kanal, einschl. Kanalinseln.

### ASIEN UND DER MALAYISCHE ARCHIPEL.

- Asiatisches Russland.  
 Westsibirien.  
 Ostsibirien.  
 Russisches Centralasien.  
 China und zugehörige Länder: Mongolen, Tibet etc. Korea.  
 Japanische Inseln; Formosa.  
 Französisches Indo-China: Tonking, Annam etc.



N.B.—En général les îles qui se trouvent à plus de 160 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

## 2.—SUBDIVISIONS.

### d. EUROPE AVEC LA MÉDITERRANÉENNE ET SES ÎLES.

- da.* Scandinavie : Suède, Norvège, Danemark ; Islande, îles Féroé.  
*db.* Empire russe et Russie d'Europe avec le Caucase.  
*dba.* Russie Septentrionale.  
*dbb.* Russie Méridionale.  
*dbc.* Russie Centrale.  
*dbd.* Caucase.  
*dbe.* Région des Monts Oural.  
*dc.* Empire Germanique.  
*dd.* Hollande ; Belgique ; Luxembourg.  
*de.* Îles Britanniques.  
*df.* France et Corse.  
*dg.* Péninsule ibérique (avec les Pyrénées) : Espagne (et Baléares) ; Portugal.  
*dh.* Italie. Sicile avec les îles Lipari et Pantellaria). Sardaigne.  
*di.* Suisse.  
*dii.* Alpes.  
*dk.* Autriche-Hongrie (avec Bosnie et Herzégovine).  
*dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).  
*dm.* Méditerranée avec ses îles (Crète, Chypre et Malte).  
*dn.* Mer Noire et Mer d'Azov.  
*do.* La Baltique et ses îles.  
*dp.* Mer du Nord.  
*dq.* La Manche et ses îles.

### e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.  
*ea.* Sibérie Occidentale.  
*eab.* Sibérie Orientale.  
*ea.* Asie centrale russe.  
*eb.* Chine et ses dépendances : Mongolie, Tibet, etc. Corée.  
*ec.* Archipel du Japon ; Formose.  
*ed.* Indo-Chine Française : Tonkin, Annam, etc.

## 2.—SUDDIVISIONI.

### EUROPA, MARE MEDITERRANEO E LE SUE ISOLE.

- Scandinavia : Svezia, Norvegia, Danimarca ; Islanda, Fär Öer.  
 Impero Russo e Russia Europea compreso il Caucaso.  
 Russia Settentrionale.  
 Russia Meridionale.  
 Russia Centrale.  
 Caucaso.  
 Urali.  
 Impero Germanico.  
 Olanda ; Belgio ; Lussemburgo.  
 Isole Britanniche.  
 Francia e Corsica.  
 Penisola iberica (compresi i Pirenei) : Spagna (e isole Baleari) ; Portogallo.  
 Italia : Sicilia (colle isole Lipari e Pantellaria) e Sardegna.

- Svizzera.  
 Alpi.  
 Austria-Ungheria (comprese Bosnia ed Erzegovina).  
 Penisola Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).  
 Mediterraneo e Isole (Creta, Cipro e Malta).  
 Mar Nero e Mare di Azof.  
 Il Baltico e le sue isole.  
 Mare del Nord.  
 La Manica e le isole della Manica.

### ASIA E ARCHIPELAGO MALESE.

- Russia Asiatica.  
 Siberia Occidentale.  
 Siberia Orientale.  
 Russia Asiatica Centrale.  
 Cina e dipendenze : Mongolia, Tibet, etc. Corea.  
 Archipelago del Giappone. Formosa.  
 Indo-Cina Francese : Tonchino, Annam, etc.

- ee.* Siam.  
*ef.* British India : Himalaya ; Burma ; Ceylon.  
*eg.* Malay Peninsula from Isthmus of Kra ; Malay Archipelago, including Halmahera (Gilolo) Ceram, Kei Islands, Timorlaut and Timor ; the Philippines and China Sea.  
*eh.* Persia ; Afghanistan ; Baluchistan ; Pamirs.  
*ei.* Asiatic Turkey ; Arabia.  
*ek.* Caspian ; Sea of Aral (Aralo-Caspian depression).  
*el.* Persian Gulf.

*f.* AFRICA AND MADAGASCAR.

- fa.* Mediterranean States : Marocco, Algiers, Tunis, Tripoli.  
*fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 5° N. ; Egyptian Sudan ; Abyssinia ; Eritrea ; Somaliland (British, French, Italian) ; Socotra. Nile River System as a whole.  
*fc.* Sahara and the Central Sudan ; Wadai, etc.  
*fd.* West Africa, from Marocco to the Congo, including French Sudan and Upper Niger Region, but excluding Western Sahara.  
*fe.* Congo State and Angola. Congo River System as a whole.  
*ff.* East Africa ; British (with Uganda) ; German ; Portuguese (north of the Zambezi) ; British Central Africa ; Lake Region. Works relating to Portuguese East Africa as a whole should be indexed under this section only.  
*fg.* South Africa—South of Angola and the Zambezi.  
*fh.* Madagascar and Comoro Group.  
*fi.* Red Sea and Islands.

*g.* NORTH AMERICA.

- ga.* Alaska and Aleutian Islands.  
*gb.* Canada as a whole.  
*gc.* Canadian Dominion West : Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.  
*gd.* Canadian Dominion East ; Newfoundland.  
*ge.* The Laurentian Lakes.  
*gf.* United States as a whole.

- Siam.  
 Britisch - Indien, einschliesslich Himalaya, Burma, Ceylon.  
 Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel einschliesslich Halmahera (Gilolo), Ceram, Kei Inseln, Timorlaut und Timor ; Philippinen ; Chinesisches Südmeer.  
 Persien ; Afghanistan ; Belutschistan ; Pamir.  
 Asiatische Türkei ; Arabien.  
 Das Kaspische Meer ; der Aral-See (Aralo-Kaspische Depression).  
 Der Persische Golf.

AFRIKA UND MADAGASKAR.

- Die Mittelmeer-Staaten : Marokko, Algier, Tunis, Tripolis.  
 Nordost-Afrika : Ägypten und Nilthal bis 5° N. Br. ; Egyptischer Sudan ; Abessynien ; Eriträa ; Somaliland (britisch, französisch, italienisch) ; Sokotra. Flusssystem des Nils als Ganzes.  
 Die Sahara und der Central-Sudan ; Wadai etc.  
 West-Afrika, von Marokko bis zum Kongo, einschl. des französischen Sudans und der oberen Nigerregion, aber ohne die westliche Sahara.  
 Kongo-Staat und Angola. Flusssystem des Kongo als Ganzes.  
 Ostafrika ; britisch (mit Uganda) ; deutsch ; portugiesisch (nördlich des Sambesi) ; britisch Centralafrika ; Seenregion. Arbeiten, die sich auf portugiesisch Ostafrika als Ganzes beziehen, sind nur in diese Abteilung aufzunehmen.  
 Süd-Afrika, südlich von Angola und dem Sambesi.  
 Madagaskar und Komoren.  
 Das Rothe Meer mit seinen Inseln.

NORD-AMERIKA.

- Alaska und Aleutische Inseln.  
 Canada als Ganzes.  
 West-Canadisches Gebiet : Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.  
 Ost-Canadisches Gebiet ; Newfoundland.  
 Gebiet der Laurentischen Seen.  
 Vereinigte Staaten als Ganzes.

- ee. Siam.  
 ef. Indes Britanniques : Himalaya ; la Birmanie ; Ceylan.  
 eg. La Péninsule Malaise depuis l'isthme de Kra ; l'Archipel Malais, y compris Halmahera (Gilolo) Ceram, îles de Kei, Timorlaut et Timor ; les Philippines et la Mer de Chine.  
 eh. Perse ; Afghanistan ; Bélouchistan ; les Pamirs.  
 ei. Turquie d'Asie ; Arabie.  
 ek. Mer Caspienne ; Mer d'Aral (dépression Aralo-Caspienne).  
 el. Golfe persique.

#### f. AFRIQUE ET MADAGASCAR.

- fa. Pays méditerranéens : Maroc, Algerie, Tunisie, Tripoli.  
 fb. N.E. africain ; Egypte et la vallée du Nil jusqu'au 5° de lat. N. ; Soudan égyptien ; Abyssinie ; Erythrée ; Somaliland (britannique, français, italien) ; Socotra. Réseau hydrographique du Nil dans son entier.  
 fc. Le Sahara et le Soudan central ; Wadai, etc.  
 fd. Ouest africain, du Maroc au Congo, le Soudan français et la région supérieure du Niger inclus, mais sans le Sahara de l'ouest.  
 fe. État du Congo et Angola. Réseau hydrographique du Congo dans son entier.  
 ff. Est africain ; britannique (avec Uganda) ; allemand ; portugais (au nord du Zambèze) ; Afrique centrale britannique ; Région lacustre. Les ouvrages se rapportant à L'Est africain portugais dans son entier doivent être inscrits dans cette rubrique seulement.  
 fg. Sud africain—Au sud d'Angola et du Zambèze.  
 fh. Madagascar et groupe des Comores.  
 fi. La Mer Rouge et ses îles.

#### g. AMÉRIQUE DU NORD.

- ga. Alaska et îles Aléoutines.  
 gb. Le Canada dans son entier.  
 gc. Puissance du Canada de l'ouest (Yukon, Colombie britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).  
 gd. Puissance du Canada de l'est ; Terre neuve.  
 ge. Région des grands lacs laurentiens.  
 gf. États-Unis dans leur entier.

- Siam.  
 India Britannica : Himalaya ; Birmanie ; Ceylan.  
 Penisola Malese dall'Istmo di Kra ; Arcipelago Malese, comprendendovi Halmahera (Gilolo), Ceram, isole di Kei, Timorlaut e Timor ; le Filippine e il Mar della Cina.  
 Persia ; Afghanistan ; Belucistan ; Pamir.  
 Turchia Asiatica ; Arabia.  
 Il Caspio ; mare Aral (depressione Caspio-Arale).  
 Golfo Persico.

#### AFRICA E MADAGASCAR.

- Stati mediterranei : Marocco, Algeria, Tunisia, Tripolitania.  
 Africa del N.E. ; Egitto e Valle del Nilo fino al 5° di Lat. N. ; Sudan Egiziano ; Abissinia ; Eritrea ; Somalia (Britannica, Francese, Italiana) ; Socotra. Rete idrografica del Nilo in complesso.  
 Sahara e Sudan centrale ; Wadai, ecc.  
 Africa occidentale dal Marocco al Congo, comprendendovi il Sudan francoese e la regione superiore del Niger, ma senza il Sahara occidentale.  
 Stato del Congo e Angola. Rete idrografica del Congo in complesso.  
 Africa orientale ; britannica (con Uganda) ; tedesca ; portoghese (a nord dello Zambesi) ; Africa centrale britannica ; Regione dei laghi. I lavori riferentisi alla Africa orientale portoghese in complesso si devono catalogare in questa rubrica soltanto.  
 Africa australe a sud di Angola e dello Zambesi.  
 Madagascar e Gruppo delle Comore.  
 Il Mar Rosso e le sue isole.

#### AMERICA SETTENTRIONALE.

- Alaska ed isole Aleutine.  
 Il Canada in generale.  
 Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).  
 Dominio del Canada orientale ; Terranova.  
 I Laghi Laurenziani.  
 Gli Stati Uniti in generale.

- |            |   |   |
|------------|---|---|
| <i>gg.</i> | North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana). | Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana). |
| <i>gh.</i> | South Eastern United States, East of Mississippi.   | Südosten der Vereinigten Staaten, östlich vom Mississippi.  |
| <i>gi.</i> | Western United States, West of Mississippi.   | Westen der Vereinigten Staaten, westlich vom Mississippi.   |
| <i>gk.</i> | Mississippi River System as a whole.  | Flusssystem des Mississippi als Ganzes.   |
| <i>gl.</i> | Mexico.   | Mexiko.   |
|            | <i>h.</i> CENTRAL AND SOUTH AMERICA AND WEST INDIES.  | CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.  |
| <i>hb.</i> | Central America ; Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.   | Central-Amerika : Guatemala, Honduras ; Britisch-Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.   |
| <i>hc.</i> | West Indian Islands ; Caribbean Sea ; Gulf of Mexico.   | Westindische Inseln ; Caraibisches Meer ; Golf von Mexiko.  |
| <i>hd.</i> | Guiana : British, Dutch, and French ; Venezuela ; Trinidad ; Curaçao.   | Guyana : Britisch, Niederländisch und Französisch ; Venezuela ; Trinidad ; Kurassao.  |
| <i>he.</i> | Colombia ; Ecuador.   | Columbia ; Ecuador.   |
| <i>hf.</i> | Peru.   | Peru.   |
| <i>hg.</i> | Bolivia.  | Bolivia.  |
| <i>hh.</i> | Brazil and Amazon River System as a whole.  | Brasilien und Flusssystem des Amazonas als Ganzes.  |
| <i>hi.</i> | Argentina with Patagonia as a whole ; Uruguay and Paraguay.   | Argentinien mit Patagonien als Ganzes ; Uruguay und Paraguay.   |
| <i>hk.</i> | Chili.  | Chile.  |
| <i>hl.</i> | Tierra del Fuego and neighbouring islands ; Falkland Islands.   | Feuerland und benachbarte Inseln ; Falkland Inseln.   |
| <i>hm.</i> | The Andes.  | Die Anden.  |
|            | <i>i.</i> AUSTRALASIA.  | AUSTRALASIEN.   |
| <i>ia.</i> | New Guinea with Waigoe, Misool and Aroo Islands.  | Neu-Guinea, mit Waigoe, Misool und Aroo-Inseln.   |
| <i>ib.</i> | Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).   | Bismarek-Archipel (Neu-Pommern etc. bis Salomo-Inseln).   |
| <i>ic.</i> | Australia as a whole.   | Australien als Ganzes.  |
| <i>id.</i> | Queensland.   | Queensland.   |
| <i>ie.</i> | New South Wales with Norfolk and Lord Howe Islands.   | Neu-Süd-Wales mit Norfolk- und Lord Howe-Inseln.  |
| <i>if.</i> | Victoria.   | Victoria.   |
| <i>ig.</i> | South Australia.  | Süd-Australien.   |
| <i>ih.</i> | Western Australia.  | West-Australien.  |
| <i>ii.</i> | Tasmania.   | Tasmanien.  |
| <i>ik.</i> | New Zealand and neighbouring Islands (Kermadec, Auckland, Chatham, Macquario Islands, etc.).  | Neu-Seeland und benachbarte Inseln (Kermadec-, Auckland-, Chatham-, Macquario-Inseln etc.).   |
| <i>il.</i> | New Caledonia, New Hebrides, and Loyalty Islands.   | Neu-Caledonien, Neue Hebriden und Loyalitäts-Inseln.  |

- gg* États-Unis du Nord-Est, à l'est du Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh* États-Unis du sud-est, à l'est du Mississippi.
- gi* États-Unis de l'ouest, à l'ouest du Mississippi.
- gk* Réseau hydrographique du Mississippi dans son entier.
- gl* Mexique.
- h* AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDES OCCIDENTALES.
- hb* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica ; Panama.
- hc* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité ; Curaçao.
- he* Colombie ; Ecuateur.
- hf* Pérou.
- hg* Bolivie.
- hh* Brésil et réseau hydrographique de l'Amazone dans son entier.
- hi* République Argentine avec la Patagonie en entier ; Uruguay et Paraguay.
- hk* Chili.
- hl* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm* Les Andes.
- Stati Uniti del Nord-Est, ad E. del Mississippi* (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- Stati Uniti del Sud-Est, ad E. del Mississippi.*
- Stati Uniti occidentali, ad W. del Mississippi.*
- Rete idrografica del Mississippi in complesso.*
- Messico.*
- AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.
- America Centrale : Guatemala ; Honduras ; Honduras Britannico ; Salvador ; Nicaragua ; Costa Rica ; Panama.
- Indie occidentali ; Mar dei Caribi ; Golfo del Messico.
- Guiana : britannica, olandese e francese ; Venezuela ; Trinidad ; Curaçao.
- Columbia ; Ecuador.
- Perù.
- Bolivia.
- Brasile e rete idrografica dell'Amazoni in complesso.
- Argentina colla Patagonia in complesso ; Uruguay e Paraguay.
- Chili.
- Terra del Fuoco e Isole vicine ; Isole Falkland.
- Le Ande.
- i* AUSTRALIE.
- ia* Nouvelle Guinée avec les îles Waigoe, Misool et Aroo.
- ib* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic* L'Australie dans son entier.
- id* Queensland.
- ie* Nouvelle Galles du sud et<sup>e</sup> îles Norfolk et Lord Howe.
- if* Victoria.
- ig* Australie du sud.
- ih* Australie occidentale.
- ii* Tasmanie.
- ik* Nouvelle Zélande et îles avoisinantes (Kermadec, Auckland, Chatham, Macquaries, etc.).
- il* Nouvelle Calédonie, Nouvelles Hébrides et îles Loyauté.
- AUSTRALIA E OCEANIA.
- Nuova Guinea colle Isole Waigoe, Misool ed Aroo.
- Arcipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).
- Australia in generale.
- Queensland.
- Nuova Galles del Sud colle isole Norfolk e Lord Howe.
- Victoria.
- Australia meridionale.
- Australia occidentale.
- Tasmania.
- Nuova Zelanda e isole vicine (Kermadec, Auckland, Chatham, Macquario, etc.).
- Nuova Caledonia, Nuove Ebridi e Isole Loyalty.

	<b>j. POLAR REGIONS IN GENERAL.</b>	<b>POLARGEBIET IM ALLGEMEINEN.</b>
	<b>k. ARCTIC.</b>	<b>ARKTISCHES GEBIET.</b>
<i>ka.</i>	Arctic Ocean.	Der Arktische Ocean.
<i>kb.</i>	Greenland.	Grönland.
<i>kc.</i>	Archipelago north of North America.	Archipel nördlich von Nord-Amerika.
<i>kd.</i>	Islands north of Europe and Asia.	Inseln nördlich von Europa und Asien.
	<b>l. ATLANTIC.</b>	<b>ATLANTISCHES GEBIET.</b>
<i>la.</i>	North Atlantic Ocean and Islands not otherwise specified.	Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
<i>lb.</i>	Azores ; Canaries ; Madeira ; Cape Verde.	Azoren ; Kanaren ; Madeira ; Cap Verde.
<i>lc.</i>	South Atlantic and Islands.	Der Südatlantische Ocean mit seinen Inseln.
	<b>m. INDIAN OCEAN.</b>	<b>INDISCHER OCEAN.</b>
<i>ma.</i>	Ocean and Islands N. of Equator.	Ocean und Inseln nördlich vom Aequator.
<i>mb.</i>	Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.	Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu - Amsterdam und St. Paul.
	<b>n. PACIFIC.</b>	<b>PACIFISCHES GEBIET.</b>
<i>na.</i>	North Pacific Ocean (North of Equator).	Nordpazifischer Ocean (nördlich vom Aequator).
<i>nb.</i>	South Pacific Ocean (South of Equator).	Südpazifischer Ocean (südlich vom Aequator).
<i>nc.</i>	Behring Sea and Islands (excluding Aleutian Archipelago).	Berings Meer, nebst Inseln (ohne Aleuten-Archipel).
<i>nd.</i>	Sandwich Islands and scattered groups N. of Equator and E. of 180°.	Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
<i>ne.</i>	Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.	Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und westlich vom 180. Grad.
<i>nf.</i>	Fiji Islands, Friendly Islands (Tonga), Samoa, Ellice, Phœnix Islands, etc., west of Meridian 160° W. of Greenwich.	Fidschi-Inseln, Freundschafts-Inseln (Tonga), Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W.L.
<i>ng.</i>	Galapagos Islands.	Galapagos-Inseln.
<i>nh.</i>	Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.	Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 16° W.L.
	<b>o. ANTARCTIC.</b>	<b>ANTARKTISCHES GEBIET.</b>
<i>oi.</i>	Antarctic Continent as a whole.	Der Antarktische Kontinent als Ganzes.
<i>ob.</i>	S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.	Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
<i>oc.</i>	Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.	Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
<i>od.</i>	Islands to Southward and Southeast of New Zealand and Area South of Pacific.	Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

*j.* REGIONS POLAIRES EN GÉNÉRAL.  
*k.* RÉGIONS ARCTIQUES.

- ka.* Océan arctique.  
*kb.* Groenland.  
*kc.* Archipel au nord de l'Amérique du Nord.  
*kd.* Iles au nord de l'Europe et de l'Asie.

*l.* ATLANTIQUE.

- la.* Océan Atlantique septentrional, et les îles qui n'ont pas été spécifiées ailleurs.  
*lb.* Açores ; Canaries ; Madère ; Cap Vert.  
*lc.* Atlantique méridional et ses îles.

*m.* OCEAN INDIEN.

- ma.* Océan et îles au nord de l'Equateur.  
*mb.* Océan et îles au sud de l'Equateur, les Mascareignes et les îles Amsterdam et St. Paul.

*n.* PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).  
*nb.* Pacifique méridional (au sud de l'Equateur).  
*nc.* Mer de Behring et ses îles (moins l'archipel aléoutien.)  
*nd.* Iles Sandwich, avec les groupes insulaires situés au nord de l'Equateur et à l'est du 180°.  
*ne.* Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.  
*nf.* Iles Fidji, îles des Amis (Tonga), Samoa, Ellice, Phénix et autres, situées à l'ouest du méridien 160° O. (Greenwich).  
*ng.* Iles Galapagos.  
*nh.* Iles de la Société, Pomoutou, Marqueses et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

*o.* RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.  
*ob.* Géorgie du Sud, groupe des Sandwichs et autres îles au sud de l'Atlantique méridional.  
*oc.* Iles du Prince Edouard, Crozet, Kerguelen et autres îles au sud de l'Océan Indien.  
*od.* Iles au sud et au sud-est de la Nouvelle Zélande et la zone au sud du Pacifique.

REGIONI POLARI IN GENERALE.  
 REGIONE ARTICA.

- Oceano Artico.  
 Groenlandia.  
 Arcipelago dell' America del Nord.  
 Isole a N. dell' Europa e dell' Asia.

OCEANO ATLANTICO.

- Oceano Atlantico settentrionale e sue isole, non indicate altrove.  
 Azorre ; Canarie ; Madera ; isole del Capo Verde.  
 Atlantico meridionale e sue isole.

OCEANO INDIANO.

- Oceano e isole a Nord dell' Equatore.  
 Oceano e isole a Sud dell' Equatore, comprendovvi le Mascarene, Amsterdam e S. Paolo.

OCEANO PACIFICO.

- Pacifico del Nord (a N. dell' Equatore).  
 Pacifico del Sud (a S. dell' Equatore).  
 Mar di Behring e sue isole (senza l'arcipelago delle Aleutine).  
 Isole Sandwich e gruppi sparsi a N. dell' Equatore e ad E. del 180°.  
 Isole dei Ladroni, Palau, Caroline e Marshall, con altre isole a N. dello Equatore e ad ovest del 180°.  
 Isole Figi degli Amici (Tonga), Samoa, Ellice, Fenice, etc., ad ovest del 160° W. da Greenwich.  
 Isole Galapagos.  
 Isole della Società, Arcipelago di Low, Marchesi e altre isole del Pacifico meridionale, ad Est del meridiano 168° W. da Greenwich.

REGIONE ANTARTICA.

- Regione antartica in generale.  
 Georgia australe, gruppo delle Sandwich e altre isole a Sud dell'Atlantico meridionale.  
 Isole del Principe Edoardo, Crozet, Kerguelen e altre isole a Sud dell'Oceano Indiano.  
 Isole a Sud e a Sud-Est della Nuova Zélanda e regione a Sud del Pacifico.





## AUTHOR CATALOGUE.

References to previous volumes will be made thus: [r. K. 3, No.—]=VOLUME FOR PALAEOLOGY, THIRD ANNUAL ISSUE. The number refers to the serial numbers in Author Catalogue.

- Abel**, O[thenio]. Ein neuer Reptilientypus aus der Triasformation Ungarns. Wien, Verh. ZoolBot. Ges., **57**, 1907, ((246-248)). [65.5631 dk]. 5267
- Die Anfänge des Säugtierstammes. Wien, Verh. ZoolBot. Ges., **57**, 1907, ((249)-(250)). [39.6031 0200]. 5268
- Bau und Lebensweise der Flugsaurier. Wien, Verh. ZoolBot. Ges., **57**, 1907, ((253)-(254)). [39.5631 0000]. 5269
- The genealogical history of the marine mammals. [Translated, by permission, from „Meereskunde“, Berlin, Jahrgang 1, 1907, Heft 4.] Washington, D.C., Smithsonian Inst. Rep., **1907**, 1908, (473-496, with text-fig.). [0200 39.6031 5631]. 5270
- Die Anpassungsformen der Wirbeltiere an das Meeresleben. Wien, Schr. Ver. Verbr. Natw. Kenntn., **48**, (1907-1908), 1908, (395-422). [39.5231 0000]. 5271
- Die Morphologie der Hüftbeinrudimente der Cetaceen. Wien, Denkschr. Ak. Wiss., **81**, 1908, (139-195). [39.6031 0000]. 5272
- Neuere Studien über die Systematik und Stammesgeschichte der Halbaffen und den Fund eines angeblichen Vorfahren des Menschen in Südamerika, *Tetraprothomo argentinus* Ameghino. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((35)-(38)). [90.6031 0000]. 5273
- Unsere gegenwärtige Kenntnis über den Bau und die Lebensweise von *Diprotodon australis* Owen. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((41)-(47)). [90.6031 0000]. 5274
- Abel**, O[thenio]. Angriffswaffen und Verteidigungsmittel fossiler Wirbeltiere. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((207)-(217)). [39.5231 0000]. 5275
- Die Anwendung der Röntgenstrahlen in der Paläontologie. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((232)-(236)). [0090]. 5276
- Adamović**, L[ujo]. Die Bedeutung des Vorkommens der Salbei in Serbien. Bot. Jahrb., Leipzig, **41**, 1908, (175-179, mit 1 Taf.). [80.5400]. 5277
- Adams**, Charles C[hristopher]. The post-glacial dispersal of the North American biota. [With bibliography.] Report of the Eighth International Geographic Congress, Washington, D.C., **1904**, 1905, (623-637, with map). [0100]. 5278
- Adloff**, [P.]. Ausgestorbene Menschenaffen und ihre Beziehungen zum Menschen. Königsberg, Schr. physik. Ges., **48**, 1907, (113-116). [80.6031 0000]. 5279
- Airaghi**, Carlo. Fossili permiani dei dintorni di Recoaro. Milano, Atti Soc. ital. Sc. nat., **46**, 1907, (38-57, con tav.). [55.2031 .2231 dk]. 5280
- Coralli dei calcari grigi del Veneto. Milano (Atti Congr. Natural. ital. in Milano 15-19 settem. 1906). 1907, (299-313, con tav. 6\*). [70.0831 dk]. 5281
- Albrecht**, Gustav. Ernst Friedel 1837-1907. Ein Gedenkblatt zum 70. Geburtstag. Arch. Brandenburgia, Ber-

- lin. **12**, 1907, Tl I, (1-93, mit 1 Portr. u. 1 Taf.). [0010]. 5282
- Aldrich**, Truman] H[eminway]. A new Eocene fossil from Claiborne. Nautilus, Boston, Mass., **22**, 1908, (13, with text-fig.). [85.2231 gh]. 5283
- New Eocene fossils from Alabama and Mississippi. Nautilus, Boston, Mass., **22**, 1908, (74-76, with pl.). [85.2231 gh]. 5284
- Alessandri (De)**, Giulio. Contribuzione allo studio dei cirripedi fossili della Francia. Atti Congr. nat. ital., Milano 15-19 settem. 1906, 1907, (362-367). Estr. (1-8). 25 cm. [39.2631 df]. 5285
- Cirripèdes fossiles des faluns de Touraine. Feuille jeunes natural., Paris, **38**, 1908, (218-214, av. fig.). [90.2631 df]. 5286
- Alexat v. Cottreau**.
- Allahverdjiw**, D. Contribution à l'étude du système silurien en Bulgarie. Paris, Bul. soc. géol., (sér. 4), **8**, (330-341 av. pl. et carte). [50.0831 dl]. 5287
- Allix**. Sur les Ostracodes fossiles et leur recherche. Feuille jeunes natural., Paris, **39**, 1908, (7-9). [39.2631]. 5288
- Ammon**, Ludwig von. Ueber eine coronate Qualle (*Ephyropsites jurassicus* [n. g. n. sp.] aus dem Kalkschiefer. Geogn. Jahreshfte, München, **19**, (1906), 1908, (169-186, mit 1 Taf.). [70.0831 de]. 5289
- Amthor**, R. Das Bonebed im Rhät des Apfelstädtgrundes südöstlich von Gotha. Zs. Natw., Leipzig, **80**, 1908, (91-96, mit 1 Taf.). [65.5231 de]. 5290
- Anderson**, Robert v. Arnold, R.
- Andrée**, K. Ueber das Vorkommen eines Nautilus in der Culmgrauwacke des Oberharzes bei Wildemann. N. Jahrb. Min., Stuttgart, **1908**, 1, (145-156, mit 2 Taf.); Centralbl. Min., Stuttgart, **1908**, (293). [55.2231 de]. 5291
- Ueber den Erhaltungszustand eines Goniatiten und einiger anderer Versteinerungen aus dem Banderz des Rammelsberger Kieslagers. Zs. prakt. Geol., Berlin, **16**, 1908, (166-167, mit 1 Taf.). [38.2231 de 0220]. 5292
- Andrews**, C. W. A descriptive catalogue of the tertiary vertebrata of the Fayûm, Egypt, based on the collection of the Egyptian Government in the Geological Museum, Cairo, and on the collection in the British Museum (Natural History). London, 1906, (I-XXXVII, 1-324, figs. [geol. map], pls. I-XXVI). 4to. [0060 80.6031 .5831 .5631 .5431 fb]. 5293
- [Andrusov, N. I.] Андрусовъ, Н. И.** О родѣ *Arcicardium* Fischer. [Ueber die Gattung *Arcicardium* Fischer.] Ann. géol. minér., Novo-Alexandria, **9**, 1907, (105-110, deutsch. Rés. 111-114, mit 2 Taf.). [90.2231 db]. 5294
- Следы палеодинозыхъ пластовъ въ южной Россіи. [Spuren der Paludinschichten in Südrussland.] Kiev. Zap. Obsč. Jest., **20**, 1908, (385-419, deutsch. Rés. 421-425, mit 1 Taf.). [30.2231 dbb]. 5295
- Angelis d'Ossat (De)**, Gioachino. Altri zoantari del terziario della Patagonia, Buenos Aires. An. Mus. Nac., Buenos Aires, (Ser. 3), **9**, 1907, (93-102, con tav., con 2 fig.). 28 cm. [80.0831 hi]. 5296
- Aradi, V. jun.** Der Jura des Ofener Gebirges und allgemeine Betrachtung über die tektonischen Verhältnisse desselben. Centralbl. Min., Stuttgart, **1908**, (391-393). [70.0231]. 5297
- Arber**, E. A. N. On the past history of the ferns. Ann. Bot. Oxford, **20**, 1906, (215-232, with fig.). [0010 39.6700]. 5298
- Catalogue of the fossil plants of the *Glossopteris*-flora in the department of geology, British Museum (Natural History). London, 1905, (i-lxxiv, 1 255, figs., pls. i-viii). Svo. [55.6500 i .6700 ie 0060 0100]. 5299
- Arlidt**, Theodor. Die Ausbreitung einiger Arachnidenordnungen. (Mygalomorphen, Skorpione, Pedipalpen, Solipugen, Palpigraden.) Arch. Natg., Berlin, **74**, Bd I, 1908, (389-458). [39.3031]. 5300
- Die Heimat der Elefanten. Gaea, Leipzig, **44**, 1908, (97-104, mit 1 Taf.). [39.6031]. 5301
- Die alttertiäre Säugetierwelt Afrikas. Natw. Rdsch., Braunschweig, **23**, 1908, (285-287, 301-303, 316-318). [85.6031 f]. 5302
- Ueber die jüngeren Formationen Argentiniens und Südamerika als Entwicklungszentrum der Säugetiere.

- Natw. Rdsch., Braunschweig, **23**, 1908, (453-456). [39.6031 *h*]. 5303
- Arltdt**, Theodor. Theromorphe Reptilien. Natw. Rdsch., Braunschweig, **23**, 1908, (569-571, 585-587). [39.5631]. 5304
- Afrikanische Elemente in der neogenen und quartären Fauna von Südwest-Europa. Natw. Wochenschr., Jena, **23**, 1908, (625-630). [90.95.0231 *d* 0100]. 5305
- Die Entwicklung der Kontinente und ihrer Lebewelt. Ein Beitrag zur vergleichenden Erdgeschichte. Leipzig (W. Engelmann), 1907, (XIX+730, mit 23 Kart.). 25 cm. 20 M. [0100 0150 0200]. 5306
- Arnold**, Ralph. Geological reconnaissance of the coast of the Olympic peninsula, Washington. Rochester, N.Y., Bull. Geol. Soc. Amer., **17**, 1906, (451-468, with pl., maps, text fig.). [39.0231 *gi*]. 5307
- Geology and oil resources of the Summerland district, Santa Barbara county, California. [With notes and illustrations of Mollusca from the Eocene, Miocene and Pliocene and Bryozoa from the Pliocene.] Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **321**, (1-93, with pl., text-fig., maps). [39.0231 *gi* 90.2031 *gi* 80.2231 *gi*]. 5308
- Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc. **34**, 1908, (345-390, with pl.). [75.2231 *gi* 80.2231 *gi* 85.1031 *gi* 75.85.90.2231 85.1031 *gi*]. 5309
- Description of a new brittle star from the upper Miocene of the Santa Cruz mountains, California. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc. **34**, 1908, (403-406, with pl.). [90.1031 *gi*]. 5310
- and **Anderson**, Robert. Geology and oil resources of the Santa Maria oil district, Santa Barbara county, California. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **322**, 1907, (1-161, with pl. (partly col.), maps). [39.0231 *gi* 39.7400 *gi*]. 5311
- v. Eldridge, G. H.
- Bach**, Franz. Das Alter des „Belvedereschotters“. Centralbl. Min., Stuttgart, **1908**, (386-390). [90.6031]. 5312
- Baldwin**, W. Notes on the Palaeontology of Sparth Bottoms (Lanes.). Rochdale, Trans. Lit. Sci. Soc., **1905**, (1-7, with figs.). [55.3031 *de*]. 5313
- *Prestwichia anthrax* and *Belinurus lunatus* from Sparth Bottoms, Rochdale (Lanes.). London, Trans. Inst. Min. Engin., **29**, 1906, 621-624, (figs.); Manchester, Trans. Geol. Soc., **29**, 1906, (124-127, figs.). [55.2631 *de*]. 5314
- Baquié**, Georges. Sur les gisements à Echinides des environs de N.-s.-s. (Hérault). Béziers, Bul. soc. étud. sci. nat., **29**, 1908, (63-68). [85.1031 *de*]. 5315
- Barbani**, A. Cenni sul Mastodonte di Petrojo (Prov. di Siena) e sugli Strati Levantini in cui si rinvenne. Riv. ital. paleont., Perugia, **13**, 1907, (91-99, con tav.). [90.6031 *dh*]. 5316
- Barbour**, Erwin Hinckley. Notice of a new fossil rhinoceros from Sioux county, Nebraska. Nebraska Geological Survey, Lincoln, **2**, 1906, (311-318, with illustr.). [90.6031 *gi*]. 5317
- Baren**, J[ohan] van. Over den ouderdom der fossile flora van Tegelen. [Vom Alter der fossilen Flora von Tegelen.] Amsterdam, Tijdschr. K. Ned. Aardr. Gen., (Ser. 2), **25**, 1908, (377-378). [95.5000 *dd*]. 5318
- Barrow**, G. v. Pocock.
- Bassani**, Francesco. Su alcuni avanzi di pesci nell'arenaria glauconiosa delle isole Eremiti. Napoli, Rend. Acc. sc., (Ser. 3), **13**, 1907, (156-160, con fig. Estr. 1-7, con fig.). [90.5431 *dh*]. 5319
- Bassler**, R. S. The Nettelroth collection of invertebrate fossils [chiefly from Palaeozoic strata outcropping in the vicinity of Louisville, Ky.]. Washington, D.C., Smithsonian Inst. Misc. Collect. Q. **52**, 1908, (121-152, with 2 pl., 1 port.). [0060 45.0231 *gf*]. 5320
- The formation of geodes with remarks on the silicification of fossils. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc. **35**, 1908, (133-154, with pl., text-fig.). [0220]. 5321
- v. Ulrich, E. O.

- Bassoli, G. G.** I pesci terziari della regione emiliana. Riv. ital. paleontol., Perugia, **13**, 1907, (36-43). [80.5431 *dh*]. 5322
- Bate, (Miss) Dorothea M. A.** The pigmy hippopotamus of Cyprus. Geol. Mag., London, [5], **3**, 1906, (241-245, fig., pl. XV). [95.6031 *dm*]. 5323
- Bather, F. A.** Index Generum et Specierum Animalium. Geol. Mag., London, [5], **3**, 1906, (38). [0030]. 5324
- The age of "the Mount-Torlesse Annelid." Geol. Mag., London, [5], **3**, 1906, (46-47); London, Q. J. Geol. Soc., **62**, 1906, (IV). [38.1831 *ik*]. 5325
- The species of *Botryocerinus*. [Abstract] Geol. Mag., London, [5], **3**, 1906, (324). [50.55.1031]. 5326
- Genus *Schizoblastus* Etheridge & Carpenter. [In: **Boehm, G.** Geologische Mitteilungen aus dem Indo-Australischen Archipel. VI.] N. Jahrb. Min., Stuttgart, Beilagebd **25**, 1908, (303-319). [55.1031]. 5327
- Bayger, I. A.** Zaba wodna. (*Rana esculenta* L. v. *ridibunda* Pall.) z pleistocenu staruńskiego. [*Rana esculenta* du pleistocène de Starunia.] Kosmos, Lwów, **33**, 1908, (489-491). [95.5631 *dk*]. 5328
- Beck, R.** *Mastodon* in the Pleistocene of South Africa near Kimberley (Cape Colony). Geol. Mag., London, [5], **3**, 1906, (49-50, fig.). [95.6031 *ij*]. 5329
- Bellini, Raffaello.** Sul *Pecten medius* Lamk. citato da Philippini e Scacchi tra i fossili della regione Flegrea. Roma, Boll. Soc. Geol. ital., **26**, 1907, (310-342). [95.2231 *dh*]. 5330
- r. Pigorini.
- Berry, Edward W.** A brief sketch of fossil plants. New Jersey, Rep. Geol., Trenton, **1905**, 1906, (99-133, with pl., drawn, text-fig.). [0030]. 5331
- The flora of the Cliffwood clays. New Jersey, Rep. Geol., Trenton, **1905**, 1906, (135-172, with pl.). [75.5000-5100-5500-5600-5700 *gj*]. 5332
- A mid Cretaceous species of *Torreya*. Amer. J. Sci., New Haven, Conn., Ser. 4, **25**, 1908, (382-386, with text-fig.). [75.5000 *gh*]. 5333
- Some araucarian remains from the Atlantic coastal plain. New York, N.Y., Bull. Torrey Bot. Cl., **35**, 1908, (249-260, with 6 pl., maps). [75.6500 *gg gh*]. 5334
- Berry, Edward W.** A new Cretaceous *Bauhinia*. Torreya, New York, N.Y., **8**, 1908, (218-219, with text-fig.). [75.5400 *gh*]. 5335
- A Miocene cypress swamp. Torreya, New York, N.Y., **8**, 1908, (233-235). [90.6500 *gh*]. 5336
- Bertrand, Ch. Eug.** Les caractéristiques du genre *Taxospermum*. Paris, Bul. soc. bot., **54**, 1907, (213-224). [39.6600]. 5337
- Les caractéristiques du genre *Leptocaryon* de Brongniart. Paris, Bul. soc. bot., **54**, 1907, (452-458). [39.6600]. 5338
- Remarques sur *Taxospermum angulosum*. Paris, C.R., ass. franç. avanc. sci., **36**, (Reims, 1907), 2<sup>e</sup> Partie, 1908, (410-413). [38.6600]. 5339
- Les caractéristiques du *Cycadinocarpus augustodunensis*. Paris, Bul. soc. bot., **55**, 1908, (326-333). [39.6600]. 5340
- Bertrand, Paul.** Caractéristiques de la trace foliaire dans les genres *Gyropteris* et *Tubicaulis*. Paris, C.R., Acad. sci., **146**, 1908, (208-210). [39.6700]. 5341
- Sur les stipes de *Clepsydropsis*. Paris, C.R., Acad. sci., **147**, 1908, (945-947). [39.6700]. 5342
- Note sur les affinités des zygoptéridées. Paris, C.R. ass. franç. avanc. sci., **36**, (Reims, 1907), 2<sup>e</sup> Partie, 1908, (113-115). [38.6700]. 5343
- Végétaux houillers de Bruay. Lille, Ann. soc. géol., **36**, 1907, (141-145). [55.5000 *df*]. 5344
- Beutler, Karl.** Beitrag zur Kenntnis der cyclostomen Bryozoen der älteren Tertiärschichten des südlichen Bayern. Palaeontographica, Stuttgart, **54**, 1908, (205-250, mit 2 Taf.). [85.2031 *de*]. 5345
- Blackwelder, Eliot v. Willis.**
- Blayac, J.** Note sur l'existence de formations récifales à la base du Barrémien inférieur au Djebel Taya et Djeb. Debar près Guelma (Algérie). Paris, Bul. soc. géol., (ser. 4), **8**, 1908, (73-77). [75.2231 *fa*]. 5346
- Blodgett, Milled E. v. Shimer.**
- Boden, Karl.** Die geologischen Verhältnisse der Veroneser Alpen zwischen

der Etsch und dem Tale von Negrar. [Paläontologischer Teil.] Wien, Beitr. Pal. Geol. OestUng., **21**, 1908, (179-210 mit 2 Taf.). [70.2031 .2231 *dh*]. 5317

**Boehm**, G[eorg]. Zur Geologie des indo-australischen Archipels. Nachträge. I. Centralbl. Min., Stuttgart, **1908**, (503-504). II. Ueber *Macrocephalites* und die Länge seiner letzten Wohnkammer. *op. cit.* **1909**, (171-179). [39.2231 *eg ia* 55.2031 *eg* 55.70.0231 *eg*]. 5348

Geologische Mitteilungen aus dem Indo-Australischen Archipel. Unter Mitwirkung von Fachgenossen herausgegeben. VI. a) Vorjurassische Brachiopoden von Ambon, b) Jüngeres Paläozoicum von Timor, c) Jura von Roti, Timor, Babar und Buru. N. Jahrb. Min., Stuttgart, Beilagebd **25**, 1908, (293-343, mit 5 Taf.). 55.2031 .2231 .1031 .0231 70.0231 *eg*. 5349

— v. Penecke.

— v. Rouffaer.

**Boettger**, O. Liste der Mollusken aus einem Sande im Barranco von Tegina auf Tenerife (Canaren). Berlin, Monatsber. D. geol. Ges., **1908**, (246-249). [90. 95.2231 *lb*]. 5351

Die fossilen Mollusken der Hydrobienkalke von Budenheim bei Mainz. Frankfurt a. M., NachrBl. D. malakozool. Ges., **40**, 1908, (145-157). [90.2231 *dc*]. 5352

Liste der tertiären und jüngeren Versteinerungen von Timor, Rendjuwa, Sumba, Saonèk bésar und Misool. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (668-675); Edition française du Jaarb. Mijnw., **37**, 1908, (683-690). [39.0231 *eg*]. 5353

[**Bogacev**, V. V.] Богачевъ, В. В. Новые данные о геологическом распространении спаниодонтов. [Quelques faits nouveaux de la distribution géologique des Spaniodontelles.] Ann. géol. minér., Novo-Alexandria, **9**, 1907, (95-101, rés. fr. 102-105). [80.2231]. 5354

— v. Černyšev, Th.

**Boistel**, A. v. Gentil.

[**Borisjak**, A. A.] Борисьякъ, А. Фауна Донецкой Юры. I. Cephalopoda. [Die Fauna des Donez-Jura. I. Cephalopoda.] St. Peterburg, Mém. Com. géolog., (n.-sér.), **37**, 1908, (1-60, deutsch. Rés. 61-92, mit 10 Taf.). [70.2231 *dbb*]. 5355

**Borisjak**, A. A. v. Černyšev.

**Bosworth**, T. O. The zones of the Lower Chalk. Geol. Mag., London, **3**, 1906, (412-418, 574-576, with figs.). [0150]. 5356

**Boule**, Marcellin. Sur l'existence d'une faune et d'une flore permienne à Madagascar. Paris, C.R. Acad. sci., **146**, 1908, (502-504). [55.0231 .6700 *fh*]. 5357

— Lémuriens et Lémurie. Géographie, Paris, **13**, 1906, (19-23). [39.6031 *fh*]. 5358

— Albert Gaudry. Nécrologie. Anthr., Paris, **19**, 1908, (604-611, av. portr.). [0010]. 5358a

— et **Thévenin**, A. Sur de nouveaux fossiles de la cote orientale de Madagascar. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (314-315). [75.2231 .0131 .1031 .2031]. 5359

**Boulenger**, G. A. British Association. Address to Section D (Zoology). The distribution of African Freshwater Fishes. London, Rep. Brit. Ass., **1905**, 1906, (412-432). [See Geol. Lit. no. 12, 1904, (25).] [0100]. 5361

**Bourgeat**. Sur trois niveaux à Bryozoaires de la région de la Serre (Jura). Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (38-40). [70.2031 *df*]. 5362

**Boursac**, J. Valeur stratigraphique de *Nummulites laevigatus* Link. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (101-102). [85.0431]. 5363

**Brakenhoff**, H. Der untergegangene Eibenhorst zu Horstermoor. Bremen, Abh. natw. Ver., **19**, 1908, (276-279). [95.6500 *dc*]. 5364

**Branca**, W[ilhelm]. Fossile Flugtiere und Erwerb des Flugvermögens. Berlin, Abh. Ak. Wiss., **1908**, (1-49). [39.0231 5631 0200]. 5364a

— Nachtrag zur Embryonenfrage bei *Ichthyosaurus*. Berlin, Sitzber. Ak. Wiss., **1908**, (392-396). [60.5631]. 5365

**Branner**, J. C. v. Jordan.

**Branson**, E. B. *Cladodus compressus*, a correction. Science, New York, N.Y., (N. Ser.), **27**, 1908, (311-312). [55 5431]. 5366

— *Dinichthys intermedius* Newberry from the Huron shale. Science, New York, N.Y., (N. Ser.), **28**, 1908, (94). [55.5431 *gg*]. 5367

- Branson, E. B.** Notes on *Dinichthys terrelli* Newberry, with a restoration. Ohio Nat., Columbus, **8**, 1908, (363-369, with illustr.). [55.5431]. 5368
- Braun, Gustav.** Ueber ein Vorkommen verkieselter Baumstämme an der Ostküste von Island. Centralbl. Min., Stuttgart, **1908**, (66-67). [38.5000 da]. 5369
- Brehm, V.** Die geographische Verbreitung der Copepoden und ihre Beziehung zur Eiszeit. (Nebst Nachtrag: Verbreitung d. Copep. auf d. Balkanhalbinsel.) Intern. Rev. Hydrobiol., Leipzig, **1**, 1908, (447-462, 676-678). [95.2631]. 5370
- Brest, Edoardo.** Calcari nummulitici e *Nummulites* dell'Ascolano. Ascoli Piceno, 1907, (1-8). 24 cm. [85.0431 dh]. 5371
- Brögger, A. W.** En kjökkenmødding fra ældre stenalder i Norge. [Un "kjökkenmødding" de l'âge primitif de la pierre en Norvège.] Ymer, Stockholm, **28**, 1908, (122-140, av. fig.). [95.0231 da]. 5372
- Broili, F[erd.].** Systematische und biologische Bemerkungen zu der permischen Gattung *Lysorophus*. Anzt. Anz., Jena, **33**, 1908, (290-298). [55.5631]. 5373
- Ueber die rhachitomen Wirbel der Stegocephalen. Berlin, Monatsber. D. geol. Ges., **1908**, (235-240, mit 1 Taf.). [38.5631]. 5374
- Ein montiertes Skelett von *Labilosaurus hamatus* Cope, einem Cotylosaurier aus dem Perm von Texas. Berlin, Zs. D. geol. Ges., **60**, 1908, (63-67, mit 1 Taf.). [55.5631 gi]. 5375
- Ein Dicynodontierrest aus der Karooformation. N. Jahrb. Min., Stuttgart, **1908**, I, (1-15, mit 1 Taf.). [65.5631 fg]. 5376
- Ichthyosaurierreste aus der Kreide. N. Jahrb. Min., Stuttgart, Beilagebd **25**, 1908, (422-442). [55.5631 de]. 5377
- Brooks, Alfred H[ulse] and Kindle, Edward M[artin].** Paleozoic and associated rocks of the Upper Yukon, Alaska. R., Bull. Geol. Soc. Amer., New York, N.Y., **19**, 1908, (255-314, with pl., maps, tables). [45.0231 gi 60.0231 gi]. 5378
- Broom, R.** The origin of mammals. London, Brit. Ass., **1905**, 1906, (437-438). [0200 39.6031]. 5379
- Broom, R.** On the South African Diaptosaurian reptile *Howesia*. London, Proc. Zool. Soc., **1906**, (591-600, pls. xl and xli). [65.5631 fg]. 5380
- On the South African Dinosaur (*Hortalotarsus*). Cape Town, Trans. S. Afric. Phil. Soc., **16**, 1906, (201-205, pl. iii). [55.5631]. 5381
- On the Permian and triassic faunas of South Africa. Geol. Mag., London, **3**, 1906, (29-30). [55.65.5631 fg]. 5382
- On the pareiasaurian genus *Propappus* (Pareiasauria). Cape Town, Ann. S. Afric. Mus., **4**, 1908, (351-359, pl. xlv.). [65.5631 fg]. 5383
- On some new Therocephalian Reptiles (Anomodontia, Therocephalia). Cape Town, Ann. S. Afric. Mus., **4**, 1908, (361-367). [65.5631 fg]. 5384
- On the Inter-relationship of the known Therocephalian genera (Therocephalia). Cape Town, Ann. S. Afric. Mus., **4**, 1908, (369-372). [55.5631 0000]. 5385
- On a new Labyrinthodont, *Rhinesuchus whaitsi*, from the Permian beds of South Africa (Labyrinthodontia). Cape Town, Ann. S. Afric. Mus., **4**, 1908, (373-376, pl. xlvi, fig. 3). [55.5631 fg]. 5386
- Note on the species of *Mesosaurus* (? Pterosauria). Cape Town, Ann. S. Afric. Mus., **4**, 1908, (379-380). [70.5631]. 5387
- The fossil fishes of the upper Karroo beds of South Africa. Cape Town, Ann. S. Afric. Mus., **7**, 1909, (251-269, pls. xi-xiii). [65.5431 fg]. 5388
- Notice of some new South African fossil amphibians and reptiles (Stegocephalia). Cape Town, Ann. S. Afric. Mus., **7**, 1909, (270-278). [65.5631 fg]. 5389
- On a large extinct species of *Bubalis* (Ungulata). Cape Town, Ann. S. Afric. Mus., **7**, 1909, (279-280). [95.6031]. 5390
- On the shoulder girdle of *Cynognathus* (Cynodontia). Cape Town, Ann. S. Afric. Mus., **7**, 1909, (283-284). [65.5631]. 5391
- On the evidence of a large horse recently extinct in South Africa

(Ungulata). Cape Town, Ann. S. Afric. Mus., **7**, 1909, (281-282). [95.6031 fg].

5392

**Broom, R.** An attempt to determine the horizons of the fossil Vertebrates of the Karroo. Cape Town, Ann. S. Afric. Mus., **7**, 1909, (285-289). [60.65.70.5231 fg].

5393

**Brown, Barnum.** The *Ankylosauridae*, a new family of armored dinosaurs from the Upper Cretaceous. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (187-201, with text-fig.). [75.5631 gi].

5394

————— The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals. New York, N.Y., Mem. Amer. Mus. Nat. Hist., **9**, 1908, (155-208), pls. xiv-xxv. [95.5231 gi 95.5631 gi 95.5831 gi 95.6031 gi].

5395

**Brues, Charles T[omas].** New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado. [With bibliography.] Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **51**, 1908, (257-276, with text-fig.). [80.90.2431 gi].

5396

————— Two fossil *Phoridae* from the Miocene shales of Florissant, Colorado. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (273-275, with text-fig.). [90.2431 gi].

5397

**Brydone, R. M.** Further notes on the stratigraphy and fauna of the Trimmingham Chalk. Geol. Mag., London, **3**, 1906, (13-22, 72-78, 124-131, 289-300, figs., pls. ii-v. viii and ix). [75.2031 de].

5398

**Buckman, S. S.** Brachiopod homoeomorphy; *Pygope*, *Antinomia*, *Pygites*. London, Abs. Proc. Geol. Soc., **1905 1906**, (81-82); London, Q. J., Geol. Soc., **62**, 1906, (433-454, pl. xli). [70.75.2031].

5399

————— A Cotteswold Brachiopod. A forgotten name and a neglected author. [*Rhynchonella acutiplicata* Brown.] Gloucester, Proc. Cotteswold Nat. F. Cl., **15**, 1906, (209-213). [70.2031 de].

5400

————— Some Lias Ammonites. *Schlotheimia* and species of other genera. Gloucester, Proc. Cotteswold Nat. F. Cl., **15**, 1906, (231-254, pls. x-xi). [70.2231 de].

5401

**Bullen, R. A.** Notes on some microzoa and mollusca from East Crete. Geol. Mag., London, **3**, 1906, (354-358, pls. xviii-xix). [95.2231 .2031 .2631 .0431 dm].

5402

**Buscalioni, Luigi.** La neocarpia studiata nei suoi rapporti coi fenomeni geologici e con l'evoluzione. Catania, Atti Acc. Gioenia, (Ser. 4), **20**, 1907, (Memoria 11<sup>a</sup>). [0200].

5403

————— Sull'origine della flora australiana. (Nota preventiva.) Catania, Bull. Acc. Gioenia, (N. Ser.), Fasc. **94**, **1907**, (13-16). [0200].

5404

————— L'influenza delle condizioni di clima sui caratteri specifici. (Nota preventiva.) Catania, Bull. Acc. Gioenia, (N. Ser.), Fasc. **94**, **1907**, (16-19). [0200].

5405

**Cacciamali, Giovanni Battista.** A proposito di un recente libro su Creta. Riv. ital. Sc. nat., Siena, **27**, 1907, (65-71). [95.6031 di].

5406

**Campana (Del), Domenico.** Sulla fauna della breccia ossifera del Serbaro (Romagnano). Riv. ital. paleont., Perugia, **13**, 1907, (87-90). [90.6031 dh].

5407

————— Fossili del Lias inferiore del Canal di Brenta. Riv. ital. paleont., Bologna, **13**, 1907, (123-129, con tav.). [70.2031 .2231 dh].

5408

————— Fossili della Dolomia principale della Valle del Brenta. Roma, Boll. Soc. geol. ital., **26**, 1907, (465-494, con tav.). [65.2031 .2231 dh].

5409

**Canestrelli, Giuseppe.** Revisione della fauna oligocenica di Laverda nel Vicentino. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, **1907**, (2<sup>o</sup> sem. 525-528). [85.0231 dh].

5410

**Canu, Ferdinand.** Etude sur la répartition géologique des bryozoaires. Paris, C.R., Acad. sci., **148**, 1909, (532-534). [39.2031].

5411

————— Les Bryozoaires fossiles du Miocène moyen de Marsa-Matrouh en Marmarique. Paris, C.R., Acad. sci., **148**, 1909, (959-960). [90.2031 dl].

5412

————— Les Bryozoaires fossiles des terrains tertiaires du sud-ouest de la France. Paris, Bul. soc. géol., (sér. 4), **6**, 1906, [1907], (510-518, av. pl.); **8**, 1908, (381 391, av. pl.). [80.2031 df].

5414

————— Bryozoaires des terrains tertiaires des environs de Paris. Ann.

paléont., Paris, **3**, 1908, (61-104; pag. spéc. 57-100, av. fig.). [80.2031 *df*].

5415

**Capeder**, Giuseppe. Sovra alcune forme teratologiche di Fidaridi del Miocene medio della Gardegna. Riv. ital. paleont., Perugia, **13**, 1907, (28-35, con 6 fig.). [90.1031 *dh*].

5416

**Capellini**, Giovanni. *Mastodonti* del Museo geologico di Bologna. I. Bologna, Mem. Acc. sc., (Ser. 6), **4**, 1907, (Estr. 1-21). [90.6031 *dh*].

5417

**Carpentier**, A. Note sur quelques influorescences de *Crossothea* trouvées dans le bassin houiller du Nord. Lille, Ann. soc. géol., **36**, 1907, (139-141). [55.6000 *df*].

5418

Remarques sur la flore du houiller de Crespin. Lille, Ann. soc. géol., **36**, 1907, (155-160). [55.5000 *df*].

5419

**Carruthers**, R. G. The primary septal plan of the Rugosa. Ann. Mag. Nat. Hist., London, **18**, 1906, (ser. 7), (356-363, figs., pl. IX.) [55.50.0831].

5420

**Case**, E[rmine] C[owles]. The vertebrates from the Permian bone bed of Vermilion county, Illinois. Contributions from Walker Museum (University of Chicago Press), Chicago, Ill., **1**, 1901, (1-29, with pl.). [55.5231 *gg*].

5421

On the value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America. J. Geol., Chicago, Ill., **16**, 1908, (572-580). [39.5231 *gg gi*].

5422

Notes on the skull of *Lysorophus tricarinatus* Cope [showing amphibian nature]. [With bibliography] New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (531-533, with text-fig.). [55.5631].

5423

Description of vertebrate fossils from the vicinity of Pittsburg, Pennsylvania. [Bones and fragments of Amphibia and Reptilia from the Pennsylvanian formation, (Carboniferous).] Pittsburg, Pa., Ann. Carnegie Mus., **4**, 1908, (234-241, with pl., text-fig.). [55.5631 *gg*].

5424

A great Permian delta and its vertebrate life, with restorations by the author. Pop. Sci. Mon., New York, N.Y., **73**, 1908, (557-568, with text-fig.). [55.5231 *gi*].

5425

**Cavara**, F. Avanzi di tronchi di abete bianco nello alto Appennino emiliano. Napoli, Rend. Acc. Sc., (Ser. 3), **12**, 1906, (502-503). [90.6500 *dh*].

5426

**Cayeux**, L. Découverte de *PElephas antiquus* à l'île de Délos (Cyclades). Paris, C.R. Acad. sci., **147**, 1908, (1089-1090). [95.6031 *dm*].

5427

**Caziot**. Le climat des Alpes Maritimes sur le littoral pendant le pliocène supérieur et le pléistocène, établi à l'aide des mollusques terrestres et fluviatiles. Paris, C.R. ass. franç. avan. sci., **36**, (Reims, 1907), 2<sup>e</sup> Partie, 1908, (271-274). [95.2231 *df*].

5428

Nouveau gisement pléistocène lacustre sur la rive droite du Var, près de son embouchure. Paris, Bul. soc. géol., (ser. 4), **8**, 1908, (12-13, av. fig.). [95.2231 *df*].

5429

et **Maury**, E. Mollusques terrestres postpliocènes trouvés dans une poche du terrain jurassique au Monte Carlo. Paris, Bul. soc. géol., (ser. 4), **6**, 1906, [1907], (281-287, av. fig.). [95.2231 *df*].

5430

Nouveaux gisements pliocène et post-pliocène marins, et complément des naines déjà publiées des gîtes marins de ces étages sur la côte des Alpes-Maritimes. Paris, Bul. soc. géol., (ser. 4), **7**, 1907, (72-79). [95.2231 *df*].

5431

Un gisement post-pliocène terrestre dans la vallée de la Tinée. Paris, Bul. soc. géol., (ser. 4), **7**, 1907, (158-161, av. fig.). [95.2231 *df*].

5432

**Cerio**, Ignazio v. Pigorini.

[**Černov**, A.] Черновъ, А. Артинскій ярусъ. I. Аммоней бассейновъ Ийвы, Косвы и Чусовой. I. [L'étage d'Artinsk. I. Ammonoidés des bassins de Jaiva, de Kosva et de Tchoussovaia. I.] Moskva, Bull. Soc. nat., **1906**, (270-393, rés. fr. 393-399, av. 1 pl.). [55.2231 *db*].

5433

[**Černyšev**, Th.] Чернышевъ, О. Годовой отчетъ о деятельности Императорскаго Минералогическаго Общества въ 1906 году. [Jahresbericht der Russischkaiserlichen Mineralogischen Gesellschaft zu St. Petersburg für 1906.] St. Peterburg, Verh. Russ. mineral. Ges., (2 F.), **45**, 1907, (Prot. 1-6, [9020]).

5434



[**Cernyšev**, Th. et **Borisiak**, A. A.] Чернышевъ, Т. и Борисьякъ, А. А. Памяти Николая Алексѣевича Соколова. (Некрологъ.) [A la mémoire de Nikolaj Aleksëevič Sokolov. (Nécrologie.)] St. Peterburg, Bull. Com. géol., **26**, 1907, (1-23, av. 1 pl.). [0010].

5435

[— — — **Michajlovskij**, G., **Bogačev**, V., **Sokolova**, M. et **Krištafovič**, N.] — — — Михайловскій, Г., Богачевъ, В., Соколова, М. и Криштафовичъ, Н. Николай Алексѣевич Соколовъ. Некрологъ. [Nicolaj Aleksëevič Sokolov. Nécrologie.] Ann. géol. minér., Novo-Alexandria, **9**, 1908, (199-221, av. 1 portr.). [0010].

5436

**Cerulli-Irelli**, Serafino. Fauna malacologica Mariana. Parte prima. Palaeontogr. Italica. Pisa, **13**, 1907, (65-140, Tav. 3-12; estr. 1-76, tav. 1-10). [90.2231 *dh*].

5437

**Chapman**, F. Note on an Ostracodal Limestone from Durlston Bay (Dorset). London, Proc. Geol. Ass., **19**, 1906, (283-285, 1 pl.). [70.2631].

5438

— — — and **Hawson**, D. On the importance of *Halimeda* as a Reef-Forming Organism; with a description of the *Halimeda*-Limestones of the New Hebrides. London, Abs. Proc. Geol. Soc., **1905-1906**, (105-106); London, Q.J. Geol. Soc., **62**, 1906, (702-710, pls. xlix-li). [95.7400 *ib*].

5439

**Checchia-Rispoli**, Giuseppe. Gli echinidi viventi e fossili della Sicilia. Parte seconda: Gli echinidi del piano siciliano dei dintorni di Palermo. Palaeontogr. Ital., Pisa, **13**, 1907, (199-232, con 4 tav. e 1 fig.). [90.1031 *dh*].

5440

— — — Sulla provenienza di alcune Lepidocycline dei dintorni di Termini Imerese (Palermo). Palermo, Giorn. sc. nat. econ., **27**, 1907, (a parte: 1-7). [85.0431 *dh*].

5441

— — — Nota preventiva sulla serie nummulitica dei dintorni di Bagheria e di Termini-Imerese in provincia di Palermo. Palermo, Giorn. sc. nat. econ., **27**, 1907, (1-35, estr. 1-36). [85.0431 *dh*].

5442

— — — Sopra un crostaceo dell'Eocene medio dei dintorni di Bagheria in provincia di Palermo. Roma, Boll. Soc. geol. ital., **26**, 1907, (25-28, con tav.). [85.2631 *dh*].

5443

**Checchia-Rispoli**, Giuseppe e **Gemellaro**, Mariano. Prima nota sulle orbitoidi del sistema cretaceo della Sicilia. Palermo, Giorn. sc. nat. econ., **27**, 1907, (estr. 1-15, con 2 tav.). [75.0431 *dh*].

5444

[**Chimenkov**, V.] Хименковъ, В. Къ вопросу о геологическомъ строеніи города Хвалынска и о мѣловыхъ отложенияхъ сѣвернаго поволжья Саратовской губерніи. [Der geologische Bau der Umgebung von Chwalynsk und die Kreide-Ablagerungen im Wolga-Gebiet des nördlichen Theils des Gouvern. Saratow.] Ann. géol. minér. Novo-Alexandria, **9**, 1907, (115-125, deutsch. Rés. 125-130, mit 1 Taf.). [75.2031 .2231 .1031 *db*].

5445

**Chrysler**, M. A. v. Jeffrey.

**Ciofalo**, Michele. Sulla posizione delle rocce a Lepidocycline nel territorio di Termini-Imerese (Palermo). 1<sup>a</sup> Nota. Palermo (tip. frat. Vena), 1907, (1-10, con tav.). 27 cm. [85.0431 *dh*].

5446

**Clapp**, Frederick G. Complexity of the Glacial period in north-eastern New England. Bull. Geol. Soc. Amer., New York, N.Y., **18**, (1907), (505-556, with pl., diagr., text fig., tables). [95.0231 *gg*].

5447

**Clarke**, John M[ason]. Report of the Director [of the New York State museum] 1904. Albany, N.Y., St. Educ. Dept. Mus. Rep. **58**, (1904), Vol. 1, 1906, (5-36). [0020].

5449

— — — Second [and third] Report of the Director of the Science division [of the New York State museum], including the 59th [and 60th] Report of the State museum, the 25th [and 26th] Report of the State geologist, and the Report of the State paleontologist for 1905 [and 1906]. Albany, N.Y., St. Educ. Dept. Mus. Rep. **59**, (1905), Vol. 1, 1907, (5-99, with text-fig., pl. fold. map); **60**, (1906), Vol. 1, 1908, (5-182, with pl.). [0020].

5450

— — — Report on the Geological survey, including the work of the State geologist and paleontologist, of the mineralogist and that on industrial geology. Albany, N.Y., St. Educ. Dept. Mus. Rep. **60**, 1907, (8-63, with pl., maps); Albany, N.Y., St. Educ. Dept. Mus. Bull. No. **121**, 1908, (10-74, with pl., diagrs.). [0020].

5452

- Clarke, John M[ason].** A Devonian brittlestar. Albany, N.Y., St. Educ. Dept. Mus. Bull. No. **121**, 1908, (61-71, with pl.). [55.1031]. 5453
- Early Devonian history of New York and eastern North America. Albany, N.Y., St. Educ. Dept. Mus. Mem. **9**, 1908, (1-366, with text-figs., maps, pl., partly col.). [55.0231 *gg gd* 55.0831 .1831 .2031 .2231 .2831 *gi*]. 5454
- and **Luther, D. Dana.** Geologic map and descriptions of the Portage and Nunda quadrangles, including a map of Letchworth park; accompanied by a report of the Pleistocene history of the Genesee valley by Herman L. Fairchild. Albany, N.Y., St. Educ. Dept. Mus. Bull. No. **118**, 1908, (43-88, with pl., maps). [55.0231 *gg*]. 5455
- Clark, W[illiam] Bullock, Mathews,** Edward B[ennett] *et alii.* Report on the physical features of Maryland, together with an account of the exhibits of Maryland mineral resources made by the Maryland geological survey. (Special Publication, Volume VI, Parts I and II.) Baltimore (Maryland geol. surv.), 1906, (xv+234, with pl., text-fig., map in folder). 26 cm. [0220]. 5456
- Cleland, H[er]dman F[itzgerald].** Further notes on the Calciferous (Beekmantown) formation of the Mohawk valley, with description of new species. Bull. Amer. Pal., Ithaca, N.Y., **4**, 1903, (29-50, with pl.); pagged also as Bull. **18**, (11+3-24, with pl.). [50.0231 .2031 .2231 .2631 .2831 *gg*]. 5457
- Clerici, Enrico.** Diatomee della farina calcarea raccolta presso il lago di Avigliana. Roma, Boll. Soc. geol. ital., **26**, 1907, (CXLIII CXLIV, con fig.). [95.7400 *dh*]. 5458
- Ricerche microscopiche su calcari liasici di Tivoli. Roma, Boll. Soc. geol. ital., **26**, 1907, (461-464, con fig.). [70.7400 *dh*]. 5459
- Analisi microscopica del calcare farinoso di S. Demetrio nei Vestini. Roma, Boll. Soc. geol. ital., **26**, 1907, (557-566, con tav.). [95.7400 *dh*]. 5460
- Clessin, S.** Die Tuffablagerung im Tale der schwarzen Laaber. Regensburg, Ber. natw. Ver., H. **11**, (1905-1906), 1908, (1-22). [95.2231 *de*]. 5461
- Cockerell, T[heodore] D[ru] A[lison].** Descriptions of Tertiary insects. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (51-52, 227-232, 309-312, with text fig.); **26**, 1908, (69-75, with text fig.). [80.2431 *gi*]. 5464
- Descriptions of Tertiary plants. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (65-52, with text-fig.). *id.* 2. *t.c.* (537-544, with text-fig.). [90.5000 *gi* 90.5400 *gi* 90.6000 .6500 *gi* 90.7700 *gi*]. 5465
- Some results of the Florissant expedition of 1908. Amer. Nat., Lancaster, Pa., **42**, 1908, (569-581, with text fig.). [90.0231 *gi* 90.5000 *gi* 90.5400 *gi*]. 5466
- A fossil orthopterous insect with the media and cubitus fusing. [*Palavorehnia maculata* n. g., n. sp. from the Miocene shales of Florissant, Colorado.] Ent. News, Philadelphia, Pa., **19**, 1908, (126-128. [90.2431 *gi*]. 5467
- A dragon-fly puzzle and its solution. Ent. News, Philadelphia, Pa., **19**, 1908, (455-459). [90.2431]. 5468
- Fossil *Cercopidae* (Homoptera). Milwaukee, Bull. Wis. Nat. Hist. Soc., **6**, 1908, (35-38, with text fig.). [90.2431 *gi*]. 5469
- The Miocene species of *Lymnaca*. Nautilus, Boston, Mass., **22**, 1908, (69-70). [90.2231 *gi*]. 5470
- Fossil insects from Florissant, Colorado. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (59-69, with pl.). [90.2431 *gi*]. 5471
- The fossil flora of Florissant, Colorado. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (71-110, with text-fig., pl.). [90.5000 .5400 .6000 .6500 .6700 .7300 .7700 *gi*]. 5472
- Another fossil nemestrinid fly. Philadelphia, P., Trans. Amer. Ent. Soc., **34**, 1908, (254). [90.2431 *gi*]. 5473
- Florissant; a Miocene Pompeii. Pop. Sci. Mon., New York, N.Y., **73**, 1908, (112-126, with text fig.). [90.2431 *gi* 0220 0100]. 5474
- Aspects of modern biology. [Lecture delivered before the Scientific society of the University of Colorado, Jan. 20, 1908.] Pop. Sci. Mon., New York, N.Y., **73**, 1908, (540-548). [0040]. 5475

**Cockerell, T[heodore] D[ru] A[lison].** The fossil sawfly *Perya coloradensis*. [Type of a new genus, *Phenacoperga*.] Science, New York, N.Y., (N. Ser.), **27**, 1908, (113-114). [90.2431 *gi*]. 5476

——— A new locality for Miocene mammals [at Troublesome, in Middle Park, Colorado]. Science, New York, N.Y., (N. Ser.), **28**, 1908, (683). [90.6031 *gi*]. 5477

**Cole, G. A. J.** The alleged triassic foraminifera of Chellaston, near Derby. Nature, London, **74**, 1906, (489). [65.0431 *de*]. 5478

**Colini, Angelo.** Le scoperte archeologiche del Dott. C. Rosa nella Valle della Vibrata e la civiltà primitiva degli Abruzzi e delle Marche. Bull. Paletn. ital., Parma, **32**, 1906, (117-173, 181-268, con carta geogr., fig., 15 tav.). [95.5231 *dh*]. 5479

**Collier, Arthur J[ames].** The Arkansas coal field. With reports on the paleontology by David White and G. H. Girty. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **326**, 1907, (i-vi+1-158, with pl., maps, text fig.). [39.0231 *gi* 0220]. 5480

**Combes, Paul (fils).** Sur un néotype de *Pinus (Pseudostrobus) defrancei* du Lutétien du Trocadéro (Paris). Paris, C.R. Acad. sci., **146**, 1908, (206-207). [85.6500]. 5481

——— Contribution à l'étude de la flore éocène. Sur un bois fossile nouveau appartenant à l'étage sparnacien. Paris, Bul. soc. géol., (ser. 4), **7**, 1907, (28-30, av. 1 pl.). [85.5400 *df*]. 5482

**Cook, Harold James.** A new rhinoceros from the Lower Miocene of Nebraska. [Extract from a paper read before the American society of vertebrate paleontologists, December 29, 1907, at New Haven, Conn. Amer. Nat., Lancaster, Pa., **42**, 1908, (543-545, with text fig.). [90.6031 *gi*]. 5484

**Cossmann, M.** 3<sup>e</sup> Note sur le Bathonien de Saint-Gaultier (Indre). Paris, Bul. soc. géol., (ser. 4), **7**, 1907, (225-253, av. fig.). [70.2231 *df*]. 5486

——— Le Barrémien supérieur à facies urgonien de Brouzet-les-Alais (Gard); description des Gastropodes et Pélécy-podes. [Notice stratigraphique par Edm. Pellat, 5.] Paris, Mém. soc. géol., Mém. n<sup>o</sup> **37**, (t. 15), 1907, (1-42, av. pl.). [75.2231 *df*]. 5487

**Cossmann, M.** Description de quelques Pélécy-podes jurassiques de France. Paris, C.R. ass. franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (273-283); **36**, (Reims, 1907), 2<sup>e</sup> Partie, 1908, (292-305, av. fig.). [70.2231 *df*]. 5488

**Cottreau, Jean.** Paléontologie de Madagascar. VI. Les Echinides. Ann. paléont., Paris, **3**, 1908, (145-187, av. fig. et pag. spéc.). [39.1031 *fl*]. 5490

——— et **Alexat.** Sur une sentelline nouvelle de l'Asie centrale. Paris, Bul. soc. géol., (ser. 4), **8**, 1908, (358-359, av. fig.). [90.1031]. 5491

**Couffon, O[livier].** Sur quelques crustacés des faluns de Touraine et d'Anjou, suivi d'un essai de prodrome des crustacés podophthalmaires miocènes. Feuille jeunes natural., Paris, **38**, 1908, (1-5, 35-40, av. fig.). [90.2631 *df*]. 5492

——— A propos de deux Echinides des faluns de Touraine. Feuille jeunes natural., Paris, **38**, 1908, (107). [90.1031 *df*]. 5493

**Crandall, Roderic.** The Cretaceous stratigraphy of the Santa Clara valley region in California. Amer. J. Sci., New Haven, Conn., (Ser. 4), **24**, 1907, (33-54, with map, text fig., tables). [75.0231 *gi*]. 5494

**Cross, Whitman.** The Triassic portion of the Shinarump group, Powell. [With bibliography.] J. Geol., Chicago, Ill., **16**, 1908, (97-123). [65.0231 2631 5631 *gi*]. 5495

**Cummings, E[dgar] R[oscoe].** The stratigraphy and paleontology of the Cincinnati series of Indiana. Indiana Dept. Geol. Nat. Res. Rep. Indianapolis, **32**, (1907), 1908, (605-1190, with illustr., maps, charts). [50 0231 .0631 .0831 .1031 2031 .2231 .2631 .2831 .1831 *gg*]. 5496

**Cummins, W. F.** The localities and horizons of Permian vertebrate fossils in Texas. J. Geol., Chicago, Ill., **16**, 1908, (737-745). [55.5231 *gi*]. 5497

**Dacqué, E. v. Fraas.**

**Dahms, Paul.** Mineralogische Untersuchungen über Bernstein. IX. Ueber Rumanit und Succinit. Danzig, Schr. natf. Ges., (N. F.), **12**, H. 2, 1908, (1-30). [85.6500 0090]. 5498

**Dall, William Healey.** Descriptions of new species of mollusks from the

- Pacific coast of the United States, with notes on other mollusks from the same region. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (245-257). [95.2231 *gi*]. 5499
- Dall**, William Healey. Another large Miocene *Scala*. Nautilus, Boston, Mass., **22**, 1908, (80-81). [90.2231 *ga*]. 5500
- Dal Piaz**, Giorgio. Ueber das Alter der Korallenkalkformation von Monte Zovo bei Mori (Trient). Centralbl. Min., Stuttgart, **1908**, (104-107). [70.0231]. 5501
- Dammer**, Bruno. Ueber einige neue Fundpunkte interglazialer Ablagerungen in der Lüneburger Heide. Berlin, Jahrb. geol. Landesanst., **28**, 1907, [1908], (658-665). [95.0231 *dc*]. 5502
- Darton**, Nelson H[oratio]. Geology of the Bighorn mountains. Washington, D.C., Dept. Int. U.S. Geol. Surv. Prof. Papr. No. **51**, 1906, (1-129, with pl., maps, text-fig., diagr.). [39.0231 *gi*]. 5503
- . Geology and underground waters of the Arkansas valley in eastern Colorado. Washington, D.C., Dept. Int. U.S. Geol. Surv. Prof. Papr. No. **52**, 1906, (1-90, with pl., maps (partly fold.), text-fig., tables). [39.0231 *gi*]. 5504
- . Paleozoic and Mesozoic of central Wyoming. Bull. Geol. Soc. Amer. New York, N.Y., **19**, 1908, (403-170, with pl., maps). [60.0231 *gi*]. 5505
- Dautzenberg**, Ph. r. Lamothe, de.
- Davy**, L. Bibliographie géologique, minéralogique et paléontologique du nord-ouest de la France. Bretagne, Basse-Normandie, Maine, Anjou et Vendée. Premier supplément. Nantes, Bul. soc. sci. nat., **13**, 1908, (11-95). [0032]. 5507
- Dean**, Bashford. Studies on fossil fishes during the year 1907. [A portion of the address of the retiring president of the Society of vertebrate paleontologists, New Haven, December 27, 1907. Science, New York, N.Y., (N. S.), **27**, 1908, 201-205. [39.5431]. 5508
- Deere**, E. O. A fossil fish found in the *Equus* beds in McPherson county. Topeka, Trans. Kan. Acad. Sci., **21**, Pl. **1**, 1908, 115-117, with text fig. [95.6031 *gi*]. 5509
- Delkeskamp**, Rudolf. Die Mikrophotographie in ihrer Bedeutung für Mineralogie, Petrographie und Paläontologie. Zs. Min., Stuttgart, **2**, 1908, (225-230). [0060 0090]. 5510
- Deniker**, J. L'âge du Pithécantrope. Anthr., Paris, **19**, 1908, (260-270, av. fig.). [95.6031]. 5511
- Depéret**, Charles. L'évolution des mammifères tertiaires; importance des migrations; époque pliocène. Paris, C.R. Acad. sci., **148**, 1909, (140-143). [90.6031 0200]. 5512
- . Études paléontologiques sur les *Lophiodon* du Miénois. Arch. muséum hist. nat., Lyon, **9**, 1907, (1-48, av. fig.). [39.6031 *df*]. 5513
- . Sur une nouvelle espèce de *Lophiodon* (*L. thomasi*) du Bartonien de Sergy (Aisne). Paris, Bul. soc. géol. (sér. 4), **6**, 1907, (688-692, av. fig.). [85.6031 *df*]. 5514
- . The evolution of the Tertiary mammals, and the importance of their migrations. [Extract from Paris C.R. Acad. sci., **141**, 1905, (702); **142**, 1906, (618); **143**, 1906, (1120). Especially revised by author. Translated by Johanna Kroeber. With an introductory note by Henry Fairfield Osborn.] Amer. Nat., New York, N.Y., **42**, 1908, (109-114, 166-170, 303-307). [0010 0200 80.6031]. 5515
- Dickinson**, J. The origin of fossil life. Manchester, Trans. Geol. Soc., **29**, 1906, (188-189). [0200]. 5516
- Diels**, Ludwig. Pflanzengeographie. (Sammlung Göschens. Bd 389.) Leipzig (G. J. Göschen, 1908, 161). 16 cm. 0,80 M. [39.5000]. 5517
- Diener**. C[arl]. Edmund v. Mojsisovics. Eine Skizze seines Lebensganges und seiner wissenschaftlichen Tätigkeit. Wien, Beitr. Pal. Geol. OestUng., **20**, 1907, (272-284). [0010]. 5518
- . Das Alter der Olneckschichten Sibiriens. Centralbl. Min., Stuttgart, **1908**, (233-237). [65.0231 *ea*]. 5519
- . Die Stammesgeschichte der Ammoniten im Lichte der Abstammungslehre Steinmann's. Centralbl. Min., Stuttgart, **1908**, (577-584). [39.2231 0150 0200]. 5520
- Diller**, Joseph S[ilas]. Strata containing the Jurassic flora of Oregon. Bull. Geol. Soc. Amer., New York,

N.Y., **19**, 1908, (367-402, with maps, text fig.). [70.0231 .5000 *gi*]. 5521

**Dollfus**, G[ustave] F. Revision des faunes de Mollusques terrestres et fluviatiles du Tertiaire des bassins de la Seine et de la Loire. Paris, Bul. soc. géol., (sér. 4), **6**, 1906, [1907], (249-252). [80.2231 *df*]. 5522

———— Faune malacologique du Miocène supérieur de Beaulieu (Mayenne), étage rédonien. Paris, C.R. ass. franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (304-315). [90.2231 .1031 .0831 .2031]. 5523

———— Faune malacologique du Miocène supérieur (Rédonien) de Montaigu (Vendée). Paris, C.R. ass. franç. avanc. sci., **36**, (Reims, 1907), 2<sup>a</sup> Partie, 1908, (340-353). [90.0231 *df*]. 5524

———— Sur quelques polypiers fossiles des Indes Néerlandaises. Jaarb. Mijw. Ned. Ind., Batavia, **37**, 1908, (676-686, avec 3 pl.); Edition française du Jaarb. Mijw., **37**, 1908, (691-701, av. 3 pl.). [80.0831 *eg*]. 5525

**Donald**, Jane (Mrs. G. B. Longstaff). Notes on the genera *Omospira*, *Lophospira* and *Turritoma*; with descriptions of new proterozoic species. London, Abs. Proc. Geol. Soc., 1905-1906, (106-107); London, Q. J. Geol. Soc., **62**, 1906, (552-572, pls. xliii-xliv). [55.2231]. 5526

**Douglass**, Earl. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (256-266, with text fig., pl.). [80.90.6031 *gi*]. 5527

———— Fossil horses from North Dakota and Montana. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (267-277, with pl.). [85.90.6031 *gi*]. 5528

———— Some Oligocene lizards. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (278-285, with text-fig.). [85.5631 *gi*]. 5529

———— Vertebrate fossils from the Fort Union beds. Pittsburgh, Pa., Ann. Carnegie Mus., **5**, 1908, (11-26, with 2 pl.). [85.5231 .6031 *gi*]. 5530

**Douvillé**, Henri. Charles Schumberger, notice nécrologique. Paris, Bul. soc. géol., (sér. 4), **6**, 1906 [1907], (340-350, av. portr.). [0010]. 5531

**Douvillé**, Henri. Victor Raulin, notice nécrologique. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (325-339). [0010]. 5532

———— Les calcaires à Fusulines de l'Indo-Chine. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (576-587). [60.0431 *ed*]. 5533

———— Évolution et enchaînement des foraminifères. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (588-602, av. fig.). [39.0431 0200]. 5534

———— Les Lamelibranches cavicoles ou Desmodontes. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (96-114, av. fig.). [39.2231]. 5535

———— Perforations d'Annélides. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (361-370, av. fig.). [90.1831]. 5536

———— Les couches à Lépidocyclines dans l'Aquitaine et la Vénétie. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (466-476). [80.0431 *df dh*]. 5537

———— Oligocène des environs de Tolède. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (17-18). [85.2231 *dg*]. 5538

———— Rectifications à la nomenclature de quelques Nummulites. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (267-268). [39.0431]. 5539

———— Sur des lépidocyclines d'un calcaire de l'île Grand-Kei. Jaarb. Mijw. Ned. Ind., Batavia, **37**, 1908, (690-693); Edition française du Jaarb. Mijw., **37**, 1908, (705-708). [85.0431 *eg*]. 5540

———— et **Zeiller**. Sur le terrain houiller du Sud oranais. Paris, C.R. Acad. sci., **146**, 1908, (732-737). [55.6700]. 5541

**Douvillé**, Robert. Sur la variation chez les Foraminifères du genre *Lepidocyclina*. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (51-57, av. fig.). [39.0431]. 5542

———— Sur les Lépidocyclines nouvelles. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (307-313, av. fig.). [39.0431]. 5543

———— Position stratigraphique des gisements à Lépidocyclines dans le Miocène de Provence. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (10-11). [90.0431 *df*]. 5544

———— Observations sur les faunes à Foraminifères du sommet du Nummu-

- litique italien. Paris, Bul. soc. géol., ser. 1, **8**, 1908, 88-96, av. pl. et fig., [85.0231 *ah*]. 5545
- Douvillé**, Robert. Sur les Foraminifères oligocènes et miocènes de Madagascar. Paris, Bul. soc. géol., (ser. 4), **8**, 1908, 321-323. [80.0431]. 5546
- *v. Lemoine*.
- Dubois**, Eugène]. Das geologische Alter der Kendengoder Trinit-Fauna. Amsterdam, Tijdschr. K. Ned. Aandr. Gen., (Ser. 2.), **25**, 1908, (1235-1270, mit 1 Taf.). [90.0231 .6031 .5631 .2231 *eg*]. 5547
- Duerden**, J. E. The morphology of the Madreporaria. VIII. The primary septa of the Rugosa. Ann. Mag. Nat. Hist., London, (ser. 7), **18**, 1906, (226-244). [50.0831]. 5548
- Dumble**, E[dwin] T[hodore]. Tertiary deposits of north-eastern Mexico. Science, New York, N.Y., (N. Ser.), **27**, 1908, (273). [80.2231 .0231 *gl*]. 5549
- Dusén**, I[er]. Über die tertiäre Flora der Seymour-Insel. (Wissenschaftl. Ergebnisse der Schwed. Südpolar-Exped 1901-1903, **3**, Lief. 3.) Stockholm, 1908, (27, with 4 pls.). 27 cm. [85.5400 .6500 .6700 *ob*]. 5550
- Eastman**, Charles R[ochester]. Devonian fishes of Iowa. [With special description of the auditory organ and other soft parts of *Rhadinichthys deani* Eastman sp. n. by G. H. Parker.] Iowa Geol. Surv. Rep., Des Moines, **18**, (1907), 1908, (29-360, with pl., illustr., text-fig., map). [55.5431 *gi*]. 5551
- Notice of a new coelacanth fish from the Iowa Kinderhook. J. Geol., Chicago, Ill., **16**, 1908, (357-362, with illustr.). [55.5431 *gi*]. 5552
- Eck**, Otto *v.* Staff.
- Edson**, George E. The geology of St. Albans and vicinity. Vermont, Rep. Geol. Montpelier, **5**, 1906, (133-153, with map). [50.0231 *gg*]. 5553
- Geology of the town of Swanton. [With list of Paleozoic fossils.] Vermont Rep. Geol. Burlington, **6**, (1907-1908), 1908, (210-220, with map). [45.0231 *gg*]. 5554
- Egger**, Joseph Georg. Mikrofauna der Krebsschichten des westlichen bayer. Waldes und des Gebietes um Regensburg. [Foraminiferen und Ostracoden.] Passau, Ber. natw. Ver., **20**, (1905-1907), 1908, (1-75, mit 10 Taf.). [75.0231 .2031 *de*]. 5555
- Eisel**, Robert. Ueber die Varianten des *Productus horridus* Sowerby bei Gera. Gera, Jahreshber. Ges. Natw., **49 50**, (1906-1907), 1908, (33-37, mit 2 Taf.). [55.2031 *de*]. 5556
- Ueber Verdrückungen thuringisch-sächsischer Graptolithenformen. Zs. Natw., Leipzig, **80**, 1908, (218-221). [50.0831 *de*]. 5557
- Elbert**, Joh. De nieuwste onderzoekingen over het *Pithecanthropus*-vraagstuk. Die neuesten Untersuchungen über die *Pithecanthropus*-Frage. Batavia, Nat. Tijdschr., **67**, 1908, (125-142). [95.6031 *eg*]. 5558
- Ueber das Alter der Kendeng-Schichten mit *Pithecanthropus erectus* Dubois. N. Jahrb. Min., Stuttgart, Beilagebd, **25**, 1908, (648-662). [95.6031 *eg*]. 5559
- Ueber seine Urnensch-Expedition auf Java. Bonn, Sitzber. Ges. Natk., **1908**, 1909, med. natw. Ges., Münster, (51-53). [95.6031 *eg*]. 5560
- Eldridge**, George Homans and **Arnold**, Ralph. The Santa Clara valley, Puente hills and Los Angeles oil districts, Southern California. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **309**, 1907, (i xi + 1 266, with pl., maps, charts, text-fig.). [80.0231 *gi*]. 5561
- Elles**, (Miss) Gertrude L. and **Wood**, Ethel M. R. (*Mrs. Shakespear*). [Edited by C. Lapworth.] A monograph of British graptolites. Part V. London, Monogr. Palaeont. Soc., **55**, 1906, (lxxiii-xcvi, 181-216, figs., pls., xxvi-xxvii). [50.0831]. 5562
- Enderlein**, Günther. Die biologische Bedeutung der Antarktis und ihrer Faunengebiete. Mit besonderer Berücksichtigung der Insektenwelt. [In: Deutsche Südpolar-Expedition 1901-1903, Bd 10, H. 4.] Berlin (G. Reimer), 1908, [1909], (323-360, mit 1 Karte). 35 cm. [0010 0000]. 5563
- Engelhardt**, H. und **Kinkel**, F. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1908, (149-306, mit 14 Taf.). [90.5400 .6000 .6500 .7400 .7700 .0231 .2431 .95.6500 .0231 *de*]. 5564

- Epstein**, Leopold. *Psiloveras hiltzeri* n. sp. aus den Angulaten-Kalken von Vaihingen a. F. bei Stuttgart. Stuttgart, Jahreshefte Ver. Natk., **64**, 1908, (420-421). [70.2231 *de*]. 5565
- Erdmannsdörffer**, O. H. Quarzkristalle mit Fossilresten aus dem westfälischen Massenkalk. Berlin, Monatsber. D. geol. Ges., **1908**, (32-35). [55.0831 *de*]. 5566
- Faas**, A.] Фаасъ, А. Къ познанию фауны морскихъ ежей изъ мѣловыхъ отложенияхъ Русскаго Туркестана. I. Описание нѣсколькихъ формъ найденныхъ въ Ферганской области. [On the fauna of the Echinoids from the Cretaceous deposits in Russian Turkestan. I. Description of some forms found in the province of Fergana.] St. Peterburg. Mém. Com. Géolog., (n. sér.), **49**, 1908, (1-14, engl. rés. 15-22, with 1 pl.). [75.1031 *ca*]. 5567
- Fabani**, Carlo. L'antichità del genere *Quano*. Roma (Pustet edit.). (In corso di pubblicazione nella Bibliot. "Scienza e Fede," Roma (Ser. 5<sup>a</sup>), **48**, 1906-1907. 15 cm. [39.6031]. 5568
- Fabiani**, Ramiro. Anomalie negli ambulacri di un *Echinolampas*. Padova, Atti Acc. Ven. trent., (N. Ser.), **4**, 1907, (Estr. 1-6). [90.1031 *dh*]. 5569
- Sulla presenza della Fauna Luteziana del Gazzo di Zovencedo in un'altra località dei Colli Berici. Padova, Atti Acc. ven. trent., (N. Ser.), **4**, 1907, (36-43). [85.0231 *dh*]. 5570
- Sulla costituzione geologica delle colline di Sarcedo nel Vicentino. Venezia, Atti Ist., **66**, 1907, (Parte 2<sup>a</sup>, 407-424, con carta geol.). [85.0431 *dh*]. 5571
- Falqui**, G. Su alcune piante fossili del Miocene inferiore (Oligocene) di Zusi (Sardegna). Cagliari (tip. Montorsi), 1907, (1-20). 24 cm. [85.5400 *dh*]. 5572
- Faurot**, L. Relation entre le mode de développement des Tetracorallia et celui des Hexacorallia. Paris, C.R. Acad. sci., **148**, 1909, (583-584). [39.9831]. 5573
- Favre**, François. Die Ammoniten der unteren Kreide Patagoniens. N. Jahrb. Min., Stuttgart, Beilagebd., **25**, 1908, (601-647, mit 6 Taf.). [75.2231 *hi*]. 5574
- Felix**, Johannes. Studien über die Schichten der oberen Kreideformation in den Alpen und den Mediterrangebieten. II II: Die Kreideschichten bei Gosau. Palaeontographica, Stuttgart, **54**, 1908, (251-344, mit 2 Taf.). [75.0631 *dii*]. 5575
- Felix**, Johannes. Beiträge zur Kenntnis der Korallenfauna des svrischen Cenoman. Wien, Beitr. Pal. Geol. OestUng., **22**, 1909, (169-175, mit 1 Taf.). [75.0831 *ei*]. 5576
- Fiedler**, Hermann. Ueber Säugetierreste aus braunschweigischen Torfmooren nebst einem Beitrag zur Kenntnis der osteologischen Geschlechtscharaktere des Rindschädels. Diss. Leipzig. Berlin (Druck v. Gebr. Unger), 1907, V+61, mit 1 Taf.). 25 cm. [95.6031 *de*]. 5577
- Fillozat**. Bryozaires créacés de Vendôme. Paris, Bul. soc. géol., (sér. 1, **7**, 1907. [paru en 1908], 391 399, av. fig.). [75.2031 *df*]. 5578
- Fischer**, Hermann. Ueber ein Vorkommen von Jugendformen des *Ceratites compressus* (Sandb.) E. Phil. bei Würzburg. Geogn. Jahreshefte, München, **19**, (1906., 1908, 187-189). [65.2231 0200]. 5579
- Fliche**, P. Sur une algue fossile du sinémurien. Paris, C.R. Acad. sci., **148**, 1909, (210-212). [70.7400]. 5580
- Sur une fructification du Lycopodiinée trouvée dans le Trias. Paris, C.R. Acad. sci., **148**, 1909, (259-261). [70.6700]. 5581
- Ford**, Sibille O. r. Seward.
- Fornasini**, Carlo. Indice critico delle Biloculine fossili d'Italia. Bologna, Mem. Acc. Sc., (Ser. 6, **4**, 1907, 43-62, con 3 tav. estr. 1-22, con 3 tav.). [90.0431 *dh*]. 5582
- Fourtau**, R. Sur quelques échinides éocènes d'Égypte nouveaux ou peu connus. Cairo, Bull. Inst. Eg., **1907**, (205-220, av. pls.). [85.1031 *fb*]. 5583
- Fraas**, E[berhard]. Beobachtungen über den ostafrikanischen Jura. (Mit Fossilnotizen von E. Dacqué.) Centralbl. Min., Stuttgart, **1908**, (641-651). [70.0231 *ff*]. 5584
- Ostafrikanische Dinosaurier. Palaeontographica, Stuttgart, **55**, 1908, (105-144, mit 5 Taf.). [75.5631 *ff*]. 5585
- Dinosaurierfunde in Ostafrika. Stuttgart, Jahreshefte Ver.

Nark., **64**, 1908, (LXXXIV-LXXXVI). [60.5631 ff]. 5586

**Frech, Fritz.** Die Hallstätter Kalke bei Epidaurus (Argolis) und ihre Cephalopoden. N. Jahrb. Min., Stuttgart, Festband, 1907, [1908], (1-32, mit 6 Taf.). [65.2231 dl]. 5587

——— Neuere Literatur über geologische Einflüsse auf Entwicklung und Untergang tierischer Arten. Arch. Bassenbiol., München, **5**, 1908, 612-620. [0200]. 5588

——— Die Entwicklung der Kontinente und ihrer Lebewelt. Nach Arldt. Geogr. Zs., Leipzig, **14**, 1908, 327-336. [0100]. 5589

——— Die Trias. (Schluss.) Lfg 4. Nachträge zu der mediterranen Trias. Amerikanische und circumpazifische Trias. Rückblick auf die Trias. — Druckfehlerverzeichnis. — Register. [Ua: Leitfaden geognostica. Tl 2. Bd 1. Stuttgart: E. Schweizerbart, 1908, (I-XVI), 473-623, mit 12 Taf., 1 Karte u. 1 Tab.]. 27 cm. 28 M. [65.0231]. 5590

——— Die Deszendenzlehre in der modernen Geologie. Med. Klinik, Berlin, **5**, 1909, (586-590). [0150 0200]. 5591

——— und **Rentz, Carl.** Neue Triasfauna aus Hydra und in der Argolis. N. Jahrb. Min., Stuttgart, Beilageb. **25**, 1908, 443-466. [65.0231-2231]. 5592

——— v. **Rentz.**

**Freudenberg, Wilhelm.** Die Fauna von Hundsheim in Niederösterreich. Wien. Jahrb. Geol. Reichsanst., **58**, 1908, 197-222. [95.5231-6031 dh]. 5593

**Friedberg, W.** Rodzaj *Turritella* w miocenie ziem polskich. [L'espece *Turritella* dans le miocène de la Pologne.] Kraków, Rozpr. Akad., **8 B**, 1908, (453-182, av. 2 pls.). Kraków, Bull. Intern. Acad., **1909**, 253-266. [90.2231 dh]. 5594

——— Młodszy miocen Galicji z kopalni i jego fauna. II. z tablicz. [Le miocène inférieur de la Galicie occidentale et la faune qu'il contient, II.] Kraków, Spraw. Kom. Ezyogr., **41**, 1908, 1-60. [90.2231 dh]. 5595

——— Znaczenie otworów w geol. [L'importance des foraminifères en géologie.] Wszechświat, Warszawa, **27**, 1908, (193-199). [39.0431 0600]. 5596

**Fritel, P. H.** Sur la présence des genres *Salvinia*, *Nymphaca* et *Pontederia* dans les argiles sparnaciennes du Montois. Paris, C.R. Acad. sci., **147**, 1908, (724-725). [85.5000-5400-6000-6700 df]. 5597

——— Les crabes fossiles de France. Naturaliste, Paris, **27**, 1905, 225-228, av. fig. [39.2631 df]. 5598

——— Revision des Myricacées fossiles du grès de Bellen. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (274-281, av. fig. et 1 pl.). [85.5400 df]. 5599

——— et **Viguier.** Tubercules et tiges fossiles d'*Equisetum*. Paris, C.R. Acad. sci., **146**, 1908, (1063-1065). [39.6700]. 5600

**Fritze, Adolf.** Beschreibung eines Schädels vom Riesenhirsch (*Megaceros giganteus* Blumenb.). Hannover, Jahrb. Prov. Mus., **1907-1908**, 1908, (39, mit 1 Taf.). [95.6031]. 5601

**Fucini, Alberto.** Ancora sull'età del marmo giallo di Siena. Pisa, Mem. Soc. tosc. sc. nat., **23**, 1907, (3-7, estr. 1-7). [70.2231 dh]. 5602

**Furlong, E. L.** The exploration of Samwel cave. Amer. J. Sci., New Haven, Conn., Ser. 4, **22**, 1906, (235-247, with text fig.). [95.0231 gi]. 5603

**Gaillard, C.** Les oiseaux des phosphorites du Quercy. Thèse. Ann. Univ. Lyon., (n. sér.), fasc. 23, **1908**, (156, av. fig.). [85.5831 df]. 5604

**Galdieri, Agostino.** Osservazioni geologiche sui Monti Picentini nel Salernitano. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, 1907, (2<sup>a</sup> sem. 529-534). [65.0231 dh]. 5605

**Gaub, Friedrich.** Ueber oolithbildende Opithalmidien im Dogger der Schwäbischen Alb. Centralb. Min., Stuttgart, **1908**, (584-589). [70.0431 de]. 5606

**Gaudry, Albert.** Patagonia and Antarctica. Science, New York, N.Y., (N. Ser.), **26**, 1907, (350-353). [0100 0220]. 5607

——— Fossiles de Patagonie; de l'économie dans la nature. Paris, C.R. Acad. sci., **146**, 1908, (1131-1134); Ann. paléont., Paris, **3**, 1908, (41-60, av. fig.). [39.0231-6031 hi-0000]. 5609

**Geinitz, Eugen.** Vierhörniiges Schaf aus mecklenburgischem Torfmoor.



- Güstrow, Arch. Ver. Natg., **62**, 1908, (139-140, mit 1 Taf.) [95.6031 *de*]. 5611
- Gemmellaro, Mariano v. Checchia-Rispoli.
- Gennevaux, M. v. Roman.
- Gentil, Louis et Boistel, A. Sur des gisements pliocènes de la côte occidentale du Maroc. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (7-8). [90.2231 *fa*]. 5612
- Germain, Louis. Sur quelques mollusques quaternaires de Saint-Pierre les Elbeuf. Elbeuf, Bul. soc. étud. sci. nat., **26**, 1908, (66-91). [95.2231 *df*]. 5613
- Gerth, Heinrich. Beiträge zur Phylogenie der Tubocorallier. Zs. induct. Abstammungslehre, Berlin, **1**, 1908, (11-68). [39.0831 0200]. 5614
- Gibson, W. v. Pocock.
- Gidley, James Williams. Notes on a collection of fossil mammals from Virgin Valley, Nevada. Berkeley, Univ. Cal. Pub. Bull. Dept. Geol., **5**, 1908, (235-242, with text fig.). [90.6031 *gi*]. 5615
- Description of two new species of Pleistocene ruminants of the genera *Ovibos* and *Bootherium*, with notes on the latter genus. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (681-684, with pl., text-fig.). [95.6031 *ga gg*]. 5616
- Gilbert, J. Z. Ancestors of our whales. [Description of fossils found at Los Angeles, Cal.] Los Angeles, Bull. Soc. Cal. Acad. Sci., **7**, 1908, (20-22, with pl.). [90.6031 0200 *gi*]. 5617
- Gill, Theodore N[icholas]. Origin of fresh-water faunas. [Abstract] Report of the Eighth International Geographic Congress, Washington, D.C., **1904**, 1905, (617). [0200]. 5618
- Gilmore, Charles W[hitney]. Smithsonian exploration in Alaska in 1907 in search of Pleistocene fossil vertebrates. Washington, D.C., Smithsonian Inst. Misc. Collect. **51** (Publication No. 1807), 1908, (1-38, with 13 pl., text fig.). [95.6031 *ga*]. 5619
- Girardot. Paléontostatique jurassique de la Franche-Comté méridionale. Besançon, Mém. soc. émul., (sér. 2), **1**, 1906, [paru en 1907], (141-146). [0070 70.0231]. 5620
- Girty, George H[erbert]. Report on marine Carboniferous fossils from the coal fields of Arkansas. In: Collier, A. J. The Arkansas coal field. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **326**, 1907, (31-35). [55.0231 *gi*]. 5621
- The Guadalupian fauna. Washington, D.C., Dept. Int. U.S. Geol. Surv. Prof. Papr. No. **58**, 1908, (1-649, with pl.). [55.0231 .0431 .0631 .0831 .1031 .1831 .2231 .2631 .2831 *gi*]. 5622
- On some new and old species of Carboniferous fossils. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (281-303, with pl.). [55.0631 .2231 *gi* .2031 *gf*]. 5622A
- Giuffrida-Ruggeri, V[incentino]. Die Entdeckungen Florentino Ameghinos und der Ursprung des Menschen. Globus Braunschweig **94**, 1908, (21-26), [39.6031 0200]. 5622B
- Godon, J. Découverte d'une faune quaternaire à Cambrai. Lille, Ann. soc. géol., **35**, 1906, [1907], (189-190). [95.5431 *gi*]. 5623
- Goebel, Ferdinand. Ueber ein neuentdecktes Torflager bei Hamburg. (Vorl. Mitt.) Zs. Min., Stuttgart, **2**, 1908, (41-42). [95.5000]. 5624
- Die Pendulationstheorie im Lichte der Geologie und Paläontologie. Zs. Min., Stuttgart, **2**, 1908, (78-83, 109-112, 129-136, 164-168). [0100 0150]. 5625
- Gombocz, Endre. A *Populus*-nem monographiája. [Monographia generis *Populi*.] Math. Term. Közlem., Budapest, **30**, 1908, (1-238, mit Taf. 1-11). [0200 75.85.90.95.5400 *a*]. 5626
- Goodchild, J. G. On unconformities and palaeontological breaks in relation to geological time. Edinburgh, Trans. Geol. Soc., **8**, 1905, (275-314, figs., pls. VII-IX). [0150]. 5627
- Gorka, Sándor. A jávai majomember geologiai kora. [Das geologische Alter des Affenmenschen von Java.] Pötf. Term. Köz., Budapest, **40**, 1908, (71-71). [95.6031 *eg*]. 5628
- Gortani, Michele. Sopra l'esistenza del Devoniano inferiore fossilifero nel versante inferiore delle Alpi Carniche. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, 1907, (1<sup>o</sup> sem. 108-110). [55.0231 *di*]. 5629

- Gortani, Michele.** Contribuzione allo studio del Paleozoico carnico. 2 Fauna devoniana. *Palaeontogr. Ital.*, Pisa, **13**, 1907, (1-63, con 2 tav., con 2 fig.).
3. La fauna a Clymenie del Monte Primosio. Bologna, Mem. Acc. Sc., (Ser. 6), **4**, 1907, (201-246, tav. 6-7; estr. 1-41, con 2 tav.). [55.0431 .1031 55.2031 .2231 .2831 *di*]. 5631
- *Pholidophorus facci*, n.f. nel Raibliano di Cazzaso in Carnia. *Riv. ital. paleont.*, Perugia, **13**, 1907, (117-122, con tav.). [65.5431 *di*]. 5632
- Gosselet, G.** Légende de la feuille de Montreuil avec notes d'excursions sur cette feuille et celle d'Arras. [Avec une Note (p. 31) sur les *Micraster* du Crétacé.] Lille, Ann. soc. géol., **35**, 1906, 7-106. [75.1031 *df*]. 5633
- Gothan, Walter.** Einiges über die Flora des Tertiärs und damit Zusammenhängendes. Aus d. Natur, Stuttgart, **4**, 1908, (234-242). [80.5000 0150]. 5634
- Einige von Dr. Lotz in Deutsch-Südwestafrika gesammelte fossile Hölzer. (Vorl. Mitt.) Berlin, Monatsber. D. geol. Ges., **1908**, (22-25). [38.6500 *fg*]. 5635
- Ueber die Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste. *Natw. Wochenschr.*, Jena, **23**, 1908, (219-221). [70.75.5000 0150]. 5636
- Die fossilen Hölzer von der Seymour- und Snow Hill-Insel. (Wissenschaftl. Ergebnisse der Schwed. Südpolar-Exped. 1901-1903, **3**, Lfg 8.) Stockholm, 1908, (33, with 2 pls.). 27 cm. [60.6500 *ab* 60.5400 *ab*]. 5637
- Gottsche, C.** Nachruf für Herrn Otto Semper. Hamburg, Verh. natw. Ver., (3. F.), **15**, (1907), 1908, (LIX). [0010]. 5638
- Grandidier, G.** Répartition géographique des animaux. Report of the Eighth International Geographic Congress, Washington, D.C., **1904**, 1905, (621-622). [0100]. 5639
- Granger, Walter.** A revision of the American Eocene horses. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (221-261, with diagr., text-fig., pl.). [85.6051 *gi*]. 5640
- Green, U. and Sherborn, C. D.** List of Wenlockian fossils from Porthluney, Cornwall; and Ludlowian fossils from Porthalla; and Taunusian fossils from Polye Quarry, near Looe (Cornwall). *Geol. Mag.*, London, **3**, 1906, (33-35). [50.0231 *de*]. 5641
- Greene, F. C.** The development of a Carboniferous brachiopod, *Chonetes granulifer* Owen. *J. Geol.*, Chicago, Ill., **16**, 1908, (654-663, with pl.). [55.2031]. 5642
- Greger, Darling K.** A new Devonian brachiopod retaining the original color markings. *Amer. J. Sci.*, New Haven, Conn., (Ser. 4), **25**, 1908, (313-314, with text fig.). [55.2031 *gi*]. 5643
- Gregory, J. W.** On a collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai. *Geol. Mag.*, London, **3**, 1906, (50-58, 110-118, pls. VI and VII). [90.95.0831 *ei fb*]. 5644
- Fossil Echinoidea from Sinai and Egypt. *Geol. Mag.*, London, **3**, 1906, (216-227, 246-255, pls. X and XI). [75.1031 *ei fb*]. 5645
- Grinnell, Fordyce, jun.** Quaternary myriopods and insects of California. Berkeley, Univ. Cal. Pub. Bull. Dept. Geol., **5**, 1908, (207-215, with pl.). [95. .2431 *gi*]. 5646
- Gröber, Paul.** Ueber die Faunen des untercarbonischen Transgressionsmeeres des zentralen Tian-schan, die in der Umgebung des Sartdschol-Passes gefunden worden sind. *N. Jahrb. Min.*, Stuttgart, Beilagebd **26**, 1908, (213-248, mit 6 Taf.). [55.0831 .2231 *ee*]. 5647
- Groenwall, K. A.** On the occurrence of the genus *Dimyodon* Mun.-Chalm. in the mesozoic rocks of Great Britain. *Geol. Mag.*, London, **3**, 1906, (202-206). [70.2231]. 5648
- et **Harder, Poul.** Paleocæn ved Rugaard i Jydland og dets Fauna. [Paleocene at Rugaard in Jutland and its fauna.] Kjøbenhavn, Danm. Geol. Unders., (Ser. 2), **18**, 1907, (1-102, with 1 pl., 1 map and French Summary). [85.2231 *da*]. 5649
- v. Holst.
- v. Malling.
- Guilbert, L.** Forêts immergées de la côte bretonne (baie de Saint-Brieuc). Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (511-513, av. fig.). [38.5000 *df*]. 5650

**Gwynne-Vaughan, D. T. v. Kidston.**

[Haas, Fr.] Ein neuer fossiler *Unio*. Frankfurt a. M., Nachrbl. D. malakozool. Ges., **40**, 1908, (177-178). [95.2231 *de*]. 5651

**Häberle, Daniel.** Paläontologische Untersuchung triadischer Gastropoden aus dem Gebiet von Predazzo. Heidelberg, Verh. nathist. Ver., **9**, 1908, (247-631, mit 5 Taf.). [65.2231]. 5652

**Hägg, Richard.** Über relikte und fossile Binnenmollusken in Schweden als Beweise für wärmeres Klima während der Quartärzeit. Upsala, Bull. Geol. Inst., **8**, (1906-1907), No. 8, 1908, (229-274). [95.2231]. 5653

**Hahne, Hans und Wüst, Ewald.** Die paläolithischen Fundschichten und Funde der Gegend von Weimar. (Vorl. Mitt.) Centralbl. Min., Stuttgart, **1908**, (197-210). [95.6031 .2231 *de*]. 5654

**Hall, G[ranville] Stanley.** A glance at the phyletic background of genetic psychology. [With bibliography.] Amer. J. Psych., Worcester, Mass., **19**, 1908, (149-212, with text-fig.). [0000]. 5655

**Halle, Thore G[ustafsson].** Zur Kenntnis der mesozoischen Equisetales Schwedens. Stockholm, Vet. Ak. Handl., **43**, No. 1, 1908, (56, with 9 pls.). [60.6700 *da*]. 5656

**Hamelin et Morin.** Sur un nouveau gîte fossilifère stampien à Dorvault, près Nemours (Seine-et-Marne). Bul. Muséum, Paris, **1908**, (75-78). [85.0231 *df*]. 5657

**Hamy, E. T.** Le *Gulo borealis* dans la grotte de la Grande Chambre à Rinxent (Pas-de-Calais). Boulogne-sur-Mer, Bul. soc. Acad., **7**, 1905, (386-388). [95.6031 *df*]. 5658

**Handlirsch, A[nton].** [Einige vom tiergeographischen Standpunkt interessante fossile Insekten.] Wien, Verh. ZoolBot. Ges., **58**, 1908, ((205)-(207)). [39.2431]. 5659

Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Lfg 8-9 (Schluss). Leipzig (W. Engelmann), 1908, (1121-1430, VII-IX, mit 3 Taf.). 28 cm. Die Lfg 8 M. Compl. 72 M. [0200 55.39.2431]. 5660

**Harder, E. C. v. Leith.**

**Harder, Poul v. Grönwall.**

(x-4794)

**Harlé, Edouard.** Faune quaternaire de Saint-Sébastien (Espagne). Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (82-83). [95.6031 *dg*]. 5661

— Faune quaternaire de la province de Santander (Espagne). Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (300-302). [95.6031 *dg*]. 5662

— Ossements de Renne en Espagne. Anthr., Paris, **19**, 1908, (573-577, av. fig.). [95.6031]. 5663

**Hartnagel, C. A.** Geologic map of the Rochester and Ontario beach quadrangles. Albany, N.Y., St. Educ. Dept. Mus. Bull. No. **114**, 1907, (5-35, with diagr., map in folder). [50.0231 *gf*]. 5664

**Hasebrink, Alfred.** Die Kredebildungen im Teutoburger Wald bei Lengerich in Westfalen. Bonn, Verh. nathist. Ver., **64**, (1907), 1908, (247-268, mit 1 Taf.). [75.2231 *de*]. 5665

**Hatcher, John B[ell], the late.** The Ceratopsia. Based on preliminary studies by Othniel C. Marsh. Edited and completed by Richard S. Lull. [With introduction and biographical sketch by Henry Fairfield Osborn; and bibliography.] Washington, D.C., Dept. Int. Monogr. U.S. Geol. Surv., **49**, 1907, (i-xxx + 1-300, with text-fig., pl., maps). [75.5631]. 5666

**Haupt, Oskar.** Beiträge zur Fauna des oberen Malm und der unteren Kreide in der argentinischen Cordillere. (Beiträge zur Geologie und Paläontologie von Südamerika. Hrsg. v. G. Steinhilber. 2.) N. Jahrb. Min., Stuttgart, Beilagebd., **23**, 1907, (187-236, mit 4 Taf.). [60.0231 .2231 *hi*]. 5667

**Hay, Oliver P[erry].** Descriptions of five species of North American fossil turtles, four of which are new. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **35**, 1908, (161-169, with pl., text-fig.). [70.75.85.90.5631 *gi*]. 5668

— On certain genera and species of carnivorous dinosaurs, with special reference to *Ceratopsaurus nasicornis* Marsh. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **35**, 1908, (351-366, with text-fig.). [70.5631 75.5631]. 5669

— On the habits and the pose of the Sauropodous dinosaurs, especially of *Diplodocus*. Amer. Nat.,

Lancaster, Pa., **42**, 1908, (672-681).  
[39.5631]. 5670

Hay, Oliver P[erry]. Dr. W. J. Holland on the skull of *Diplodocus*. Science, New York, N.Y., (N. Ser.), **28**, 1908, (517-519). [70.5631]. 5671

——— The fossil turtles of North America. Washington (Carnegie Institution) [Publication No. **75**], 1908, (iv+568, with pl., text-fig.). 29 cm. [39.5631 *gf* 0150]. 5672

Henderson, Junius. New species of Cretaceous invertebrates from northern Colorado. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (259-264, with pl.). [75.1831 *gi* 75.2231 *gi*]. 5673

——— The sandstone of Fossil ridge in northern Colorado and its fauna. Boulder, Univ. Colo. Stud., **5**, 1908, (179-192, with pl., text-fig.). [75.0231 .2231 .7400 *gi*]. 5674

——— The Red Beds of northern Colorado. J. Geol., Chicago, Ill., **16**, 1908, (491-492). [55.0231 *gi* 55.2231 *gi*]. 5675

Hennig, Anders. Gotlands Silur-Bryozoen. 3. [The Silurian Bryozoa of Gothland. 3.] Ark. Zool., Stockholm, **4**, No. 21, 1908, (64, with pls.). [50.2031 *da*]. 5676

Hennig, Edw. Ein neuer Fundort von *Paludina diluviana*. Berlin, Monatsber. D. Geol. Ges., **1908**, (342-347). [95.2231 *de*]. 5677

——— *Saurichthys*-Funde von Rüdersdorf. Centralbl. Min., Stuttgart, **1909**, (54-60). [65.5431 *de*]. 5678

Héribrand, Joseph. Les Diatomées fossiles d'Auvergne, 3<sup>e</sup> Mémoire. Paris, (P. Kluksiecki), 1908, (70, av. 2 pl.). 25 cm. [39.7400 *df*]. 5679

Hermann, Adam. Modern methods of excavating, preparing and mounting fossil skeletons. Amer. Nat., New York, N.Y., **42**, 1908, (43-47). [39.5231 0090]. 5680

Hermann, Rudolf. Caries bei *Mastodon*. Anat. Anz., Jena, **32**, 1908, (305-313, mit 1 Taf.). [95.6031]. 5681

——— Die östliche Randverwerfung des fränkischen Jura. Ein neuer Beitrag zur Kenntnis ihres Verlaufes und ihres Alters. Berlin, Zs. D. geol. Ges., **60**, 1908, (1-62, mit 2 Taf.). [70.0231 *de*]. 5682

Herrmann, F. Neue Fossilfunde in Hessen. Bonn, SitzBer. Ges. Natk., **1907**, 1908, Ber. niederr. geol. Ver., (40-41). [55.2831 *de*]. 5683

——— Wichtige neue Fossilfunde bei Marburg. Marburg, SitzBer. Ges. Natw., **1908**, 1909, (122-123). [50.0831]. 5684

Hess v. Wichdorff, Hans. Ueber einige in Raseneisenerz ungewandelte fossile Hirschgeweihe aus einem Raseneisensteinlager der Provinz Posen. Berlin, Jahrb. geol. Landesanst., **28**, 1907, [1908], (544-548, mit 1 Taf.). [95.6031 *de*]. 5685

——— Zur Kenntnis der alluvialen Kalklager in den Mooren Preussens, insbesondere der grossen Moor-kalklager bei Daber in Pommern. Zs. prakt. Geol., Berlin, **16**, 1908, (329-339, mit 1 Taf.). [95.7400 *de*]. 5686

Hilbert, [Richard]. Die Molluskenfauna des Diluviums der Provinzen Ost- und Westpreussen. Königsberg, Schr. physik. Ges., **48**, (1907), 1908, (371-378). [95.2231 *de*]. 5687

Hind, W. Life-zones in the British carboniferous rocks. London, Rep. Brit. Ass., **1905**, 1906, (171-174). [55.0231 *de* 0150]. 5688

——— Note on the characters of the hinge-plate in *Aviculopecten semicostatus* Portlock sp. Geol. Mag., London, **3**, 1906, (59, with fig.). [55.2231]. 5689

——— and Stobbs, J. T. The carboniferous succession below the coal-measures in North Shropshire, Derbyshire, and Flintshire. London, Abs. Proc. Geol. Soc., **1905 1906**, (88); Geol. Mag., London, **3**, 1906, (385-400, 445-459, 496-507, figs., pls. XXI and XXII). [55.0231 0150]. 5690

Hinde, George Jennings. Radiolaria from Triassic and other rocks of the Dutch East Indian Archipelago. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (694-736, with 6 pl.); Edition française du Jaarb. Mijnw., **37**, 1908, (709-751, av. 6 pl.). [39.0431 *eg*]. 5691

Hinton, M. A. C. *Gazella daviesi*, a new antelope from the Norwich Crag of Bramerton. London, Proc. Geol. Ass., **19**, 1906, (247-251). [90.6031 *de*]. 5692

——— On the fossil hare of the ossiferous fissures of Ightham, Kent,

- and on the recent hares of the *Lepus variabilis* group. Dublin, Soc. Proc. R. Soc., **12**, 1909, (225-265, with pl.). [95.6031]. 5693
- Hoehe**, E. Ueber die Frage der Klimazonenbildung im Jura und in der Kreide. A. Beleuchtung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste. Natw. Wochenschr., Jena, **23**, 1908, (218-219). [70.75.0231 0150]. 5694
- Hoernes**, R[udolf]. [Nekrolog betr. Edmund Mojsisovics Edler von Mojsvar, \*2 Oct. 1907.] Wien, Alm. Ak. Wiss., **58**, 1908, (286-294, mit 1 Taf.). [0010]. 5695
- Hoffer**, Eduard. Leo Leguermey's Mineralien- und Petrefakten-Sammlung an der Landes-Oberrealschule zu Graz. JahrBer. der steiermärk. Landes Oberrealschule in Graz, **58**, (1908-1909), 1909, (1-15). [0060]. 5696
- Hoffmann**, Kurt Otto. Der Muschelkalk der (Westpfalz) Pfalz. Zs. Min., Stuttgart, **2**, 1908, (25-30, 42-43). [65.0231]. 5697
- Hogg**, A. J. On human and other bones found at Whyteleafe (Surrey). Croydon, Proc. Trans. Nat. Hist. Sci. Soc., **1905-1906**, 1906, (125-131, 1 pl.). [95.6031]. 5698
- Mitcham gravels and their mammalian remains. Croydon, Proc. Trans. Nat. Hist. Sci. Soc., **1905-1906**, 1906, (133-141, pls. 1 and 11). [95.6031]. 5699
- Holland**, W[illiam] J[acob]. An undetermined element in the osteology of the *Mososauridae*. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (162-167, with text fig.). [75.5631]. 5700
- A preliminary account of the Pleistocene fauna discovered in a cave opened at Frankstown, Pennsylvania, in April and May, 1907. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (228-233, with pl., text-fig.). [95.5231 gg]. 5701
- *Baptanodon* not a "toothless" ichthyosaur. Science, New York, N.Y., (N. Ser.), **27**, 1908, (191-192). [70.5631]. 5702
- Dr. O. P. Hay on the skull of *Diplodocus*. Science, New York, N.Y., (N. Ser.), **28**, 1908, (644-645). [70.5631]. 5703
- A new species of the genus *Moropus*. Science, New York, N.Y., (N. Ser.), **28**, 1908, (809-810, with text-fig.). [39.6031 gi]. 5704
- Hollick**, Arthur. Drift boulders from the shore at Tottenville. New Brighton, N.Y., Proc. Staten Is. Ass. Arts Sci., **2**, 1908, (9). [39.0231 .5000 gg]. 5705
- The museum collection of fossil plants. New York, N.Y., J. Bot. Gard., **9**, 1908, (214-226, with diagr., illustr.). [0060 39.5000]. 5706
- Holst**, N[ils] Ol[of] and Grönvall, Karl A. Paleocene at Klagslaun, Skania. (Swedish) Stockholm, Sv. Geol. Unders., (Ser. C), No. **208**, 1907, [Årsbok **1**, No 5.] (27). [85.0231 da]. 5707
- Hooley**, R. W. On the skull and greater portion of the skeleton of *Goniopholis crassidens* from the Wealden shales of Atherfield (Isle of Wight). London, Abs. Proc. Geol. Soc., **1906-1907**, 1906, (10). [75.5631]. 5708
- Hovey**, Edmund Otis. The Chester, New York, mastodon. [Facsimile reproduction of sketch and description of skull and tusks of "*Elephas Mastodonta*," by P. S. Townsend, manuscript dated May 29, 1817.] New York, N.Y., Ann. Acad. Sci., **18**, 1908, (147). [95.6031]. 5709
- Howe**, Ernest. The geology of the Isthmus of Panama. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (212-237). [39.0231 hb]. 5710
- Howe**, J. A. v. Pocock.
- Huene**, Friedrich von. Paläontologisches. Jahresber. Anat., Jena, (N. F.), **13**, (1907), Tl 3, Abt. I, 1908, 156-175). [39.5231]. 5711
- Die Dinosaurier der europäischen Triasformation mit Berücksichtigung der aussereuropäischen Vorkommnisse. Lfg 1-3. Geol. u. palaeont. Abh., Jena, SupplBd **1**, 1907-1908, (XII+419, mit 111 Taf.). [65.5631]. 5712
- Ein Beitrag zur Beurteilung der Sacralrippen. Anat. Anz., Jena, **33**, 1908, (378-381). [39.5631]. 5713
- Beiträge zur Lösung der Praepubisfrage bei Dinosauriern und anderen Reptilien. Anat. Anz., Jena, **33**, 1908, (401-405). [39.5631]. 5714
- Zur Beurteilung der Saurpoden. Berlin, Monatsber. D. geol. Ges., **1908**, (294-297). [39.5631]. 5715

- Huene, Friedrich von.** Eine Zusammenstellung über die englische Trias und das Alter ihrer Fossilien. *Centralbl. Min., Stuttgart, 1908, (9-17).* [65.0231 5000 *de*]. 5716
- Neue und verkannte Pelycosaurier-Reste aus Europa. *Centralbl. Min., Stuttgart, 1908, (431-434).* [55.655631]. 5717
- Bemerkungen über *Callibrachion*. *Centralbl. Min., Stuttgart, 1908, (532-534).* [55.5631]. 5718
- Skizze zu einer Systematik und Stammesgeschichte der Dinosaurier. *Centralbl. Min., Stuttgart, 1909, (12-22).* [39.5631 0200]. 5719
- and **Lull, R[ichard]** [Swann]. On the Triassic reptile *Hallopus victor* Marsh. [With bibliography.] *Amer. J. Sci., New Haven, Conn., (Ser. 4), 25, 1908, (113-118, with text-fig.).* [65.5631]. 5720
- Hussakof, L.** Catalogue of types and figured specimens of fossil vertebrates in the American museum of natural history. New York, N.Y., *Bull. Amer. Mus. Nat. Hist., 25, 1908, (1-103, with pl., text-fig.).* [0060 39.5431]. 5721
- Hyde, Jesse E.** *Camarophorella*, a Mississippian meristelloid brachiopod. [With bibliography.] Boston, Mass., *Proc. Soc. Nat. Hist., 34, 1908, (25-66+4L, with pl.).* [55.2031 *gg*]. 5722
- Ihering, Hermann v.** Die Entstehungsgeschichte der Fauna der neotropischen Region. Wien, *Verh. Zool. Bot. Ges., 58, 1908, (282-302).* [0030]. 5723
- Archihelenis und Archinotis. *Gesammelte Beiträge zur Geschichte der neotropischen Region.* Leipzig (W. Engelmann), 1907, (III+350, mit 1 Karte. 23 cm. 6 M. [0100]. 5723a
- Issel, Arturo.** Un exemple de survivance préhistorique. (Extr. C.R. du 13<sup>o</sup> Congr. d'Anthropol. et d'Archéol. préhist.) Monaco (impr. d. Monaco), 1907, (1-14, av. fig.). 25 cm. [95.6031 *dh*]. 5724
- Issler, Alfred.** Beiträge zur Stratigraphie und Mikrofauna des Lias in Schwaben. *Palaeontographica, Stuttgart, 55, 1908, (1 101, mit 7 Taf.).* [70.0431 2631 *de*]. 5725
- Jacob, Charles.** Etude sur quelques Ammonites du Crétacé moyen. Paris, *Mém. soc. géol. (Paléontologie), Mém. No. 38, (t. 15), 1907, (1-64, av. fig.).* [75.2231]. 5726
- Jacquemet, [Eduard].** Etude du Lehm et des conglomérats des pentes de l'île de Crémieu. Marseille, *Ann. Soc. Sci. Provence, 1, 1907, (XXX-XXXV).* [95.2231]. 5727
- Essai de diagnose à l'aide des caractères extérieurs des principales hippurites des terraux crétacés de Provence. Marseille, *Ann. Soc. Sci. nat. Provence, 1, 1907, (618-632).* [75.2231 *df*]. 5728
- Jaekel, O[tto].** Ueber die Körperform der Holopocriniten. *N. Jahrb. Min., Stuttgart, Festband, 1907 [1908], (272-309).* [39.1031]. 5729
- Neue Faunde von Wirbeltieren aus Deutschlands Urzeit. *Aus d. Natur, Stuttgart, 4, 1908, (424-429).* [55.5431 *de*]. 5730
- Zu Gustav Steinmann's Geologischen Grundlagen der Abstammungslehre. *Centralbl. Min., Stuttgart, 1908, (161-171).* [0200 0150]. 5731
- [Jakovlev, N. N.] Яковлевъ, Н. Н.** О приростаніи раковины нѣкоторыхъ Strophomenacea [*Meckella, Strophalosia, Aulosteges*]. [Sur la fixation des coquilles de quelques Strophomenacea.] St. Peterburg, *Bull. Com. géol., 26, 1907, (181-198, rés. fr. 198-201, av. 2 pl.).* [39.2031]. 5732
- Прикрѣпленіе брахиоподъ, какъ основа видовъ и родовъ. [Die Anheftung der Brachiopoden als Grundlage der Gattungen und Arten.] St. Peterburg, *Mém. Com. géol. (n. Sér.), 48, 1908, (1 24, deutsch. Rés. 25-32, mit 2 Taf.).* [39.2031]. 5733
- Japha, Arnold.** Ueber subfossile und recente Walknochenfunde aus Ost- und Westpreussen. Königsberg, *Schr. physik. Ges., 48, 1907, (237-243).* [95.6031 *de*]. 5734
- Jeannel, René.** Sur la découverte, dans la grotte du Portel, de peintures paléolithiques représentant l'Homme et des Animaux. Paris, *C.R. Acad. sci., 146, 1908, (654 656).* [95.5231 *df*]. 5735
- Jeffrey, Edward C[harles].** *Araucariopitys*, a new genus of Araucarians. *Bot. Gaz., Chicago, Ill., 44, 1907, (435-444, with 3 pl.).* [75.6590 *gg*]. 5736

**Jeffrey**, Edward C[harles]. Are there foliar gaps in the Lycopside? Bot. Gaz., Chicago, Ill., **46**, 1908, (241-258, with 2 pl.). [0200 39.6700]. 5737

— and **Chrysler**, M. A. The lignites of Brandon. Vermont, Rep. Geol., Montpelier, **5**, 1906, (195-201, with pl.). [90.5000 *gg*]. 5738

**Jentzsch**, Alfred. Das Alter der Samländischen Braunkohlenformation und der Senftenberger Tertiärflora. Berlin, Jahrb. geol. Landesanst., **29**, 1908, 1, (58-61). [80.5000 *de*]. 5739

**Jodot**, Paul et **Morin**, Maurice. Indice de la présence de la faune de Rouzon dans le calcaire de la Brie à Thorigny (Seine-et-Marne). Bul. Muséum, Paris, 1908, (78-80). [85.0231 *df*]. 5711

**Joleaud**, L. Sur les faunes de l'Eocène inférieur et moyen du sud algérien et tunisien. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (295-298). [85.5431 *fa*]. 5742

**Jordan**, David Starr. Note on a fossil stickleback fish from Nevada. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **52**, 1908, (117). [95.5431]. 5743

— and **Branner**, John Casper. The Cretaceous fishes of Ceará, Brazil. [With bibliography.] Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **52**, 1908, (1-29, with 8 pl., text-fig.). [75.5431 *hh*]. 5744

**Jukes-Browne**, A. J. The zone of *Ostrea lunata*. Geol. Mag., London, **3**, 1906, (93-94, 335-336). [0150 75.2231]. 5745

— The zones of the lower chalk. [Cambridgeshire.] Geol. Mag., London, **3**, 1906, (507-511). [0150]. 5746

**Kalkowsky**, Ernst. Oolith und Stromatolith im norddeutschen Buntsandstein. Berlin, Zs. D. geol. Ges., **60**, 1908, (68-125, mit 8 Taf.). [65.7900 *dc*]. 5747

[**Karakaš**, N. I.] Каракашъ, Н. И. Нижне-мѣловыя отложения Крыма и ихъ фауна. [Le crétacé inférieur de la Crimée et sa faune.] St. Peterburg, Trav. Soc. nat., Sect. géol., **32**, 5, 1907, (1-442, rés. fr. 443-453, av. 28 pl.). [75.0831 .1031 .1831 .2031 .2231 .5431 .5631 *dbb*]. 5748

[**Karpinskij**, A. P.] Карпинский, А. П. Фридрихъ Богдановичъ

Шмидтъ. Некрологъ. [Fr. Schmidt. Nécrologie.] St. Peterburg, Bull. Ac. Sc., (Sér. 6), **2**, 1908, (1287-1294, av. 1 portr.). [0010]. 5749

**Kayser**, Emanuel. Lehrbuch der Geologie. In 2 Teilen. II 2: Geologische Formationskunde. 3. Aufl. Stuttgart (F. Enke), 1908, (X+741). 26 cm. 18,60 M. [0030]. 5750

**Keilhack**, Konrad. Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geologie, Mineralogie und Palaeontologie. Mit Beiträgen von E. von Drygalski . . . [u. A.]. 2. völlig neubearb. Aufl. Stuttgart (F. Enke), 1908, (XVI+841, mit 4 Taf.). 25 cm. 20 M. [0030]. 5751

**Kessler**, Paul. Ueber einen mit Wohnkammer erhaltenen *Macrocephalites* [*macrocephalus*]. Centralbl. Min., Stuttgart, **1908**, (40-42). [70.2231]. 5752

— *Lytoceras taeniatum* Pomp. und *Lytoceras wrighti* Buckm. Strassburg, Mitt. geol. Landesanst., **6**, 1908, (271-275, mit 1 Taf.). [70.2231 *de*]. 5753

**Kidston**, R. On the Microsporangia of the Pteridosperms. [*Lyginodendron* and *Sphenopteris*.] London, Proc. R. Soc. B, **77**, 1905, (161). London, Phil. Trans. R. Soc. B, **198**, 1906, (413-445, figs., pls. xxv-xxviii). [50.55.6600]. 5754

— The fossil plants of the carboniferous rocks of Canonbie (Dumfriesshire) and parts of Cumberland and Northumberland. Edinburgh, Trans. R. Soc., **40**, 1905, (741-833, figs., pls. I-V). [55.6700 6500 *de*]. 5755

— On a new species of *Dineuron* and of *Botryopteris* from Pettycur, Fife. Edinburgh, Trans. R. Soc., **46**, 1908, (361-364, with 1 pl.). [55.6700 *de*]. 5756

— and **Gwynne-Vaughan**, D. T. On the fossil Osmundaceae. II. Edinburgh, Trans. R. Soc., **46**, 1908, (213-232, with 4 pls.). [38.6700]. 5757

**Kilian**, Wilfrid. Sur une faune d'ammonites néocrétacée recueillie par l'expédition antarctique suédoise. Ann. Univ. Grenoble, Paris, **18**, 1906, (189-192). [75.2231 *od*]. 5758

— Sur quelques gisements d'Ammonites dans le Jurassique supérieur et le Crétacé des chaînes

- subalpines. Paris, C.R. ass. franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (293-300). [70.2231]. 5759
- Kilian**, Wilfrid. Sur la présence de *Spiticeras* dans la zone à *Hoplites boissieri* (Valanginien inf.) du sud-est de la France. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (24-25). [75.2231 *df*]. 5760
- Kindle**, Edward M[artin]. Occurrence of the Silurian fauna in western America. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (125-129). [50.0231 *g*]. 5761
- The fauna and stratigraphy of the Jefferson limestone in the northern Rocky mountain region. Bull. Amer. Pal., Ithaca, N.Y., **4**, 1908, (79-117, with pl.); paged also as Bull. **20**, (1-39, with pl.). [55.0231 *gi* 55.2031 *gi*]. 5762
- Geologie reconnaissance of the Porcupine valley, Alaska. Bull. Geol. Soc. Amer., New York, N.Y., **19**, 1908, (315-338, with map). [39.0231 *ga*]. 5763
- v. Brooks.
- Kinkel**, F. Zum Andenken an Erich Spandel. Offenbach, Ber. Ver. Natk., **43-50**, (1901-1909), 1909, Nachtrag, (1-8). [0010]. 5764
- v. Engelhardt.
- Kitchin**, F. L. The invertebrate fauna and palaeontological relations of the Uitenhage series. S. Africa, Cape Town, Ann. S. Afric. Mus., **7**, pt. 2, 1908, (82-212). [0100 0150 75.2231 .2631 *fg*]. 5765
- Kittl**, E[rnst]. Beiträge zur Kenntnis der Triasbildungen der nordöstlichen Dobrudscha. Wien, Denkschr. Ak. Wiss., **81**, 1908, (117-532, mit 4 Taf.). [65.1031 2031 2231 *dl*]. 5766
- Knapp**, A[lfons]. Ueber die Entwicklung von *Oxypticerus oxyotum* Qu. Geol. u. paläont. Abh., Jena, N.F., **8**, 1908, H. 4, (1-31, mit 4 Taf.); Diss. Tübingen. [60.2231 0200]. 5767
- Knod**, Reinhold. Devonische Faunen Bolivians. (Beiträge zur Geologie und Paläontologie von Südamerika, hrsg. von G[ustav] Steinmann. XIV.) N. Jahrb. Min., Stuttgart, Beilagebd **25**, 1908, (493-600, mit 11 Taf.). [55.0231 .0831 .1031 .2031 .2231 .2831 5000 *hg*]. 5768
- Knowlton**, Frank Hall. Description of new fossil liverwort from the Fort Union beds of Montana. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **35**, 1908, (157-159, with pl.). [85.7000 *gi*]. 5769
- Koehne**, E[mil]. Vorweltliche und lebende Taxodien. Vortrag . . . Mitt. D. dendr. Ges., Bonn, **16**, 1907, [1908], (119-122). [90.6500]. 5770
- Koehne**, W. Bemerkung zu dem Aufsätze von Herrn Rudolf Hermann in Berlin über „Die östliche Randverwerfung des Fränkischen Jura“. Berlin, Monatsber. D. geol. Ges., **1908**, (19). [70.0231 *de*]. 5771
- Koenen**, A. von. Small fossil shells preserved within the interior of larger ones and in the body-chamber of Cephalopods. Geol. Mag., London, **3**, 1906, (188-189). [39.0231 .2231]. 5772
- Ueber *Anthracosia* und *Palaeanolonta*. Berichtigung. Centralbl. Min., Stuttgart, **1908**, (65-66). [55.2231 *de*]. 5773
- Bemerkungen zur Gliederung der unteren Kreide. Centralbl. Min., Stuttgart, **1908**, (289-293). [75.2231 *de*]. 5774
- Koert**, W. *Pecten vasseli* Fuchs bei Tanga in Deutschostafrika und das Alter der dortigen „jungen Deckschichten und jungen Küstenbildungen“. Berlin, Monatsber. D. geol. Ges., **1908**, (326-328). [95.2231 *ff*]. 5775
- Koken**, E[rnst]. Indisches Perm und die permische Eiszeit. N. Jahrb. Min., Stuttgart, Festband 1907 [1908], (446-546, mit 1 Karte); [Nachträge] Centralbl. Min., Stuttgart, **1908**, (449-461). [55.0231]. 5776
- Kolesch**, Karl. Ueber die Verbreitung der *Geveillia purchisoni* Gein. in Ostthüringen. Centralbl. Min., Stuttgart, **1909**, (12). [65.2231 *de*]. 5777
- Kossmat**, Franz. Geologie [und Palaeozoologie] der Inseln Sokotra, Semha und Abd el Kuri. Wien, Denkschr. Ak. Wiss., **71**, 1. Halbband 1907, (1-62, mit 5 Taf.). [75.0831 1031 2031 2231 *fb*]. 5778
- Kranz**, W. Bemerkungen zur 7. Auflage der geologischen Uebersichtskarte von Württemberg, Baden, Elsass u. s. w. nebst Erläuterungen von C. Regelmann. Centralbl. Min., Stuttgart,



1908, (556-564, 589-596, 610-618, 651-659). [90.2231 *de*]. 5779

**Krause, Paul Gustaf.** Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung. Berlin. Jahrb. geol. Landesanst., **29**, 1908, 1 [1909], (185-326, mit 6 Taf.). [70.2031 .2231 .1831 .2631]. 5780

**Krištafovič, N. v. Černyšev.**

**Kubart, Bruno.** Pflanzenversteinerungen enthaltende Knollen aus dem Ostrau-Karwiner Kohlenbecken. Wien, SitzBer. Ak. Wiss., **117**, 1908, Abt. I, (573-578, mit 1 Taf.). [55.6600 *dk*]. 5781

**Laackmann, Hans.** Graptolitida für 1906 u. 1907. [Jahresbericht.] Arch. Natg., Berlin, **73**, Bd 2, H. 3, 1907 [1909], XVI c (1-4). [39.0831]. 5782

**Lacroix, J.** Notes sur les ossements fossiles trouvés dans les sablières de Saint-Hubert près Niort. Niort, Mém. soc. hist. sci., **3**, 1907, (269-270). [95.6031 *df*]. 5783

**Lake, P.** Trilobites from Bolivia, collected by Dr. J. W. Evans in 1901-1902. London, Abs. Proc. Geol. Soc., **1905-1906**, 1906, (93); London, Q. J. Geol. Soc., **62**, 1906, (425-430, pl. xl). [50.2831 *hg*]. 5784

————— A monograph of the British Cambrian Trilobites. Part I. London, Monogr. Palaeont. Soc., **55**, 1906, (1-28, pls. I and II). [50 2831 *de*]. 5785

**Lambert, J.** Sur un *Plesiolampas* de l'Afrique centrale. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, 693-695, av. fig.). [75 1031 *fj*]. 5786

————— Note sur quelques Échinides de la Haute-Garonne. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (695-723, av. fig.). [75.1031 *df*]. 5787

————— Sur un Echinide nouveau *Diplocidaris jacqueti*. Marseille, Ann. Soc. sci. Provence, **1**, 1907, (XIX). [70.1031 *df*]. 5788

————— Echinides des faluns de Touraine recueillis par M<sup>me</sup> la comtesse P. Lecointre. Feuille jeunes natural., Paris, **38**, 1907, (26-27); 1908, (45-49, 69-70, av. fig.). [90.1031 *df*]. 5789

————— Note sur les Echinides du calcaire pisolithique du bassin de Paris. Paris, C.R. ass. franç. avanc. sci., **36** (Reims 1907), 2<sup>e</sup> Partie, 1908, (281-292, av. fig.). [75.1031 *df*]. 5790

**Lambert, J.** Note sur quelques Echinides de la Haute-Garonne. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (360-375, av. fig.). [85.1031 *df*]. 5791

————— Sur un oursin de Timor. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (687-689, avec 1 pl.); Edition française du Jaarb. Mijnw., **37**, 1908, (702-704, avec 1 pl.). [95.1031 *eg*]. 5792

————— et Lemoine, Paul. Contribution à la géologie des colonies françaises. II. Sur deux oursins nouveaux du Jurassique de Madagascar. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (476-479). [70.1031]. 5793

**Lamothe, de et Dautzenberg, Ph.** Les gîtes fossilifères des marnes plaisanciennes du Sahel d'Alger. Catalogue général des Mollusques qu'ils renferment. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (481-505). [90.2231 *fl*]. 5794

**Lane, A[lfred] C[hurch].** Hypothesis to account for the transformation of vegetable matter into the different grades of coal. Discussion of paper by Marius R. Campbell. Econ. Geol., Lancaster, Pa., **1**, 1906, (498-499). [0150]. 5795

**Lang, W. D.** The Reptant Eleid Polyzoa. Geol. Mag., London, **3**, 1906, (60-69, figs.). [75.2031]. 5796

————— A key to the published figures of the Cretaceous forms of the Polyzooan genus *Entalophora*. Geol. Mag., London, **3**, 1906, (462-467). [75.2031]. 5797

**Langenhan, A.** Zechstein-Versteinerungen Schlesiens und Thüringens. II-IV. Zs. Min., Stuttgart, **2**, 1908, (8-11, 23-25, 53-55, 67-69, 112-115, 122-124, mit 7 Taf., 214-216, 256-258). [55.0431 *de* 55.2031 *de*]. 5798

————— Neue Funde aus der oberen Trias. Zs. Min., Stuttgart, **2**, 1908, (191-193, mit 1 Taf.). [65.0231 *de*]. 5799

**Lauby, Ant.** Découverte de plantes fossiles dans les terrains volcaniques de l'Aubrac. Paris, C.R. Acad. sci., **147**, 1908, (151-157). [39.5000 *df*]. 5800

**Launay, L. de.** La fourrure d'un écureuil tertiaire. Nature, Paris, **36**, (1<sup>er</sup> semest.), 1908, (393-395, av. fig.). [85.6031 *df*]. 5801

**Laville, A.** La marmotte d'Éragny. Paris, Bul. mém. soc. anthr., (sér. 5), **9**, 1908, (649-655, av. fig.). [95.6031]. 5802

[**Lebedev, N.**] Лебедевъ, Н. Александръ Октавіановичъ Михальскій. Некрологъ. [Aleksandr Oktavianovič Michalski. Nécrologie.] Sborn. techn. statej, Charikov, **1905**, (38-40). [0010]. 5803

**Lee, Willis Thomas.** Notes on the lower Paleozoic rocks of central New Mexico. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (180-186). [45.0231 *gi*]. 5804

**Legendre, R.** Traces fossiles d'auto-tomie. Paris, C.R. soc. biol., **65**, 1908, (662-663). [75.2631]. 5805

**Leith, Charles** [Kenneth] and **Harder, E. C.** The iron ores of the Iron Springs district, southern Utah. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **338**, 1908, (1-102, with pl. partly col., maps, text-fig.). [39.0231 *gi*]. 5806

**Lemoine, Paul.** Contribution à la géologie des colonies françaises. I. Sur des fossiles éocènes rapportés du Sénégal par le capitaine Vallier. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (447-451). III. Fossiles créacés de la côte est de Madagascar. *loc. cit.* 480. [75.0231 *fh* 85.2031 *fd*]. 5807

— et **Douvillé, Robert.** Sur le genre *Lepidocyclina* Gümbel. Paris, Mém. soc. géol., Paléontologie, No. **32**, 1904, 41, av. fig. [39.0431]. 5808

— *v.* Lambert.

**Leriche, Maurice.** Sur un appareil fanonculaire de *Cetorhinus* trouvé à l'état fossile dans le Pliocène d'Avers. Paris, C.R. Acad. sci., **146**, 1908, (875-878). [90.5431 *dd*]. 5809

— Note préliminaire sur les poissons des Faluns néogènes de la Bretagne, de l'Anjou et de la Touraine. Lille, Ann. soc. géol., **35**, 1906, [1907], (290-232). [90.5431 *df*]. 5810

— Contribution à l'étude des poissons fossiles du nord de la France et des régions voisines. Lille, Ann. soc. géol., **35**, 1906, [1907], (338-356). [39.5431 *df* *dd*]. 5811

— Revision de la faune ichthyologique des terrains néogènes du bassin du Rhône. Paris, C.R. ass.

franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (335-352, av. fig.). [90.5431 *df*]. 5812

**Leriche, Maurice.** Sur la faune ichthyologique de l'aquitainien marin des environs de Montpellier. Paris, C.R. ass. franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (352-356, av. fig.). [85.5431 *df*]. 5813

— Observations sur les poissons du Patagonien récemment signalés par M. Fl. Ameghino. Lille, Ann. soc. géol., **36**, 1907, (129-136). [80.5431 *hi*]. 5814

— Sur des corps vermiformes provenant de l'argile de Boom (Rupélien) et attribuables à des Annélides. Lille, Ann. soc. géol., **36**, 1907, (137-138, av. fig.). [85.1831 *dd*]. 5815

— Note sur *Archymyleris desaillyi* n. sp., le premier insecte trouvé dans le bassin houiller du Nord et du Pas-de-Calais. Lille, Ann. soc. géol., **36**, 1907, (164-167, av. fig.). [55.2431 *df*]. 5816

— Sur l'attribution de *Lacerta (?) eocena* Owen de l'Éocène inférieur de Suffolk à un poisson du genre *Amia*. Lille, Ann. soc. géol., **36**, 1907, (167-169). [85.5431 5631]. 5817

— Contribution à l'étude de la faune de la craie d'Epernay à *Magas pumilus*. Paris, C.R. ass. franç. avanc. sci., **36**, (Reims, 1907), 2<sup>e</sup> Partie, 1908, (334-340, av. fig.). [75.0231 *df*]. 5818

**Leroy, J.** Sur un ossement de *Rhinoceros tichorhinus* et d'autres ossements fossiles provenant des alluvions quaternaires de Saint-Germain-Village (Eure). Paris, C.R. ass. franç. avanc. sci., **35**, (Lyon, 1906, 2<sup>e</sup> Partie), 1907, (737-739). [95.6031 *df*]. 5819

**Leuchs, Kurt.** Ueber einige Invertebraten aus dem Perm von Texas. Centrabl. Min., Stuttgart, **1908**, (684-690). [55.0231 *gf*]. 5820

**Levander, Kaarlo** [ainio]. Zur Kenntnis der Verbreitung der Süswasser Bryozoen in Finland. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **34**, 1908, (97-106). [95.2031]. 5821

**Lewiński, Jan.** Utwory jurajskie koło staeyi Chęciny i ich fauna. (Les dépôts jurassiques près la station Chęciny et leur faune.) Kraków, Bull. Intern. Acad., **1908**, (408-445). [70.2031 2231]. 5821A

**Lewis, F. J.** The plant remains in the Scottish peat mosses. Part II. The Scottish Highlands. Edinburgh, Trans. R. Soc., **45**, 1906, (335-360, fig., pls. I-IV). [95.7000]. 5822

———— The history of the Scottish peat mosses and their relation to the glacial period. Scot. Geog. Mag., Edinburgh, **22**, 1906, (241-252). [95.7000]. 5823

**Lignier, O[ctave].** Sur l'origine des sphénophyllées. Paris, Bull. soc. bot., **55**, 1908, (278-288). [39.6700]. 5824

———— Nouvelles recherches sur le *Propalmophyllum liasinum* Lignier. Caen, mém. soc. linn., (sér. 7), **23**, 1908, (1-16, av. 1 pl.). [70.6000]. 5825

**Lindberg, Harald.** Förteckning öfver subfossila växtrester funna i Finlands kärr och mossar. [Verzeichnis der in den Sümpfen und Mooren Finlands gefundenen subfossilen Pflanzen.] F. Mosskult. Tidskr., Helsingfors, **8**, 1903, (186-192). [95.5000 dba]. 5826

———— Botanisk undersökning af torfmarker inom Lappo och Ilmola socknar. [Botanische Untersuchung von Torfgebieten in den Kirchspielen Lappo und Ilmola, Finland.] F. Mosskult. Tidskr., Helsingfors, **9**, 1904, (230-314). [95.5000 .0231 dba]. 5827

———— *Pterostichus vermiculosus* Mén. från Dryasafgring på Karelska näset. [Pterostichus vermiculosus Mén. aus Dryas-Ablagerung auf dem Isthmus Karelicus.] Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **34**, 1908, (46-47, deutsch. Ref. 205-206). [95.2431]. 5828

———— Botaniska meddelanden. [Botanische Mitteilungen.] Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **34**, 1908, (168-170, deutsch. Ref. 219, 220). [95.6000 dba]. 5829

**Lingelsheim, A.** Ueber die Braunkohlenhölzer von Saarau. Breslau, Jahresber. Ges. vaterl. Cultur, **85** (1907), 1908, zool.-bot. Sect., (24-36). [80.6500 de]. 5830

v. Pax.

**Linstow, O. v.** Die Verbreitung des Bibers im Quartär. Eine Literaturstudie. Madgeburg, Abh. Mus. Natk., **1**, 1908, (213-387, mit 2 Kart.). [95.6031]. 5831

**Lobley, J. L.** Biological change in geological time. London, J. Viet. Inst., **38**, 1906, (93-119). [0200]. 5832

**L[önnberg], E[inar].** Några däggdjursfossil från Skåne. [Mammal fossils from Skania.] Fauna och Flora, Uppsala, **2**, 1907, (271-274, with pl.). [95.6031 da]. 5833

———— Om några fynd i *Litorina*-lera i Norrköping 1907. [On some finds in *Litorina*-clay in Norrköping 1907.] Ark. Zool., Stockholm, **4**, No. 22, 1908, (97, with pls.): Fauna och Flora, Uppsala, **3**, 1908, (164-188, with pls.). [95.5431 .6031 .7400 da]. 5834

**Lörenthey, I[mre].** Beiträge zur Kenntnis der eozänen Dekapodenfauna Aegyptens. Math.-natw. Ber. Ungarn, Leipzig, **25**, (1907), 1908, (105-152, mit 2 Taf.). [85.2631 fb]. 5835

———— A tihanyi Fehérpart pannoniai rétegeiről. [Über die pannonischen Schichten des Fehérpart bei Tihany.] Földt. Közl., Budapest, **38**, 1908, (679-686, 716-724). [90.2231 dk]. 5836

**Löscher, Karl.** Der diluviale Mensch in unserer Gegend. Gera, Jahresber. Ges. Natw., **49-50**, (1906-1907), 1908, (71-80). [95.6031 de]. 5837

———— Ein bei Pohlitz ausgegrabenes Skelett vom wollhaarigen Nashorn. Gera, Jahresber. Ges. Natw., **49-50**, (1906-1907), 1908, (108-110). [95.6031 de]. 5838

**Lomas, J. et alii.** Report on the investigation of the fauna and flora of the Trias of the British Isles. London, Rep. Brit. Ass., **1905**, 1906, (161-170). [65.0231 .5000 de]. 5839

**Łomnicki, A. M.** Wykrycie mammuta (*Elephas primigenius* Blumb.) i nosorożca dyluwialnego (*Rhinoceros antiquitatis* Blumb.) w Staruni (pow. Bohorodczański). [Ueber den Mammuths- und *Rhinoceros*fund in Starunia.] Kosmos, Lwów, **33**, 1908, (63-72). [95.6031]. 5840

———— Mięczaki iżu pleistocénskiego wydobyte ze szybu mamutowego w Staruni (pow. Bohorodczański). [Die Mollusken im pleistocänen Thon des Mammuthschachtes in Starunia.] Kosmos, Lwów, **33**, (73-76). [95.2231 dk]. 5841

**Loomis, F[rederic] B[rewster].** Origin of the Wasatch deposits. Amer. J. Sci., New Haven, Conn., (Ser. 4), **23**, 1907, (356-364, with text-fig.). [85.0231 85.5631 .6031 gi]. 5842

- Loomis, F[rederic] B[rewster].** *Rhinocerotidae* of the Lower Miocene. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (51-64, with charts, text-fig.). [90.6031 gi]. 5843
- A new horse from the Lower Miocene. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (163-165, with text-fig.). [90.6031 gi]. 5844
- Lorenz v. Liburnau, Ludwig.** Vorlage des rekonstruierten Skelettes eines fossilen Riesenhalbaffen aus Madagaskar. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((34)-(35)). [95.6031j]. 5845
- Die in historischer Zeit ausgestorbenen Vögel. Wien, Verh. ZoolBot. Ges., **58**, 1908, ((217)-(232)). [95.5831]. 5846
- Łoziński, W.** Powstanie jeziorok dyluwialnych na niżu galicyjskim. Die diluviale Seenbildung im nordgalizischen Tieflande. Kraków, Bull. Intern. Acad., **1907**, (738-745). [95.7400]. 5847
- Lucas, F[rederic] A[ugustus].** Is *Alabamornis* a bird? Science, New York, N. Y., (N. Ser.), **27**, 1908, (311). [85.5231 6031 5831 6031]. 5848
- Lucchetti, Pantaleone.** 1° La terramara di Montecchio (Crema). 2° Le azze di Camisano cremasco. (Dalla storia naturale alla preistoria ed alla storia. Milano (Atti Congr. Natural. ital. in Milano 15-19 settem. 1906, 1907, 757-762, con fig.). 25 cm. [95.0231 dh]. 5849
- Lugeon, Maurice.** Notice nérologique sur Eugène Renevier. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (130-135). [0010]. 5850
- Lull, Richard S[wann].** Phylogeny, taxonomy, distribution, habits and environment of the Ceratopsia. In: Hatcher, J. B. The Ceratopsia. Washington, D. C., Dept. Int. U. S. Geol. Surv. Monogr. **49**, 1907, (159-195, with text-fig.). [75.5631 0200]. 5851
- The evolution of the elephant. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (169-212, with illustr., text-fig., charts). [39.6031 0200]. 5852
- The cranial musculature and the origin of the frill in the ceratopsian dinosaurs. [With bibliography.] Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (387-399, with 3 col. pl., text-fig.). [39.5631]. 5853
- Lull, Richard S[wann] v. Huene.**
- Luther, D. Dana v. Clarke.**
- Maas, O[tto].** Bemerkungen zu Simroths Pendulationstheorie. Geogr. Zs., Leipzig, **14**, 1908, (268-274). [0100]. 5854
- McClung, C[larence] E[rwin].** Ichthyological notes on the Kansas Cretaceous, I. [With bibliography.] Lawrence, Kan. Univ. Sci. Bull., **4**, 1908, (233-246, with pl., illustr.). [75.5431 gi]. 5855
- Restoration of the skeleton of *Bison occidentalis*. Lawrence, Kan. Univ. Sci. Bull., **4**, 1908, (247-252, with pl.). [95.6031]. 5856
- Major, C. I. F. Eugène Renevier.** [Obit.] Geol. Mag., London, **3**, 1906, (287-288). [0010]. 5857
- Malling, C. et Grönwall, K. A.** En Fauna i Bornholm Lias. [A fauna in the Lias of Bornholm.] Kjøbenhavn, Medd. Geol., **15**, 1909, (271-312, with 2 pls. and French summary). [70.2231 5431 da]. 5858
- Marchesetti, Carlo.** L'uomo paleolitico nella regione Giulia. Milano (Atti Congr. Natural. ital. in Milano 15-19 settem. 1906), 1907, (747-749). 25 cm. [95.6031 dh]. 5859
- Mariani, Ernesto.** Resti fossili di elefante trovati in alcune cave di sabbia vicino a Milano. Milano, Atti Soc. ital. sc. nat., **46**, 1907, (31-37, con tav.). [90.6031 dh]. 5860
- Contributo allo studio delle bivalvi del calcare di Esino nella Lombardia. Milano, Atti Soc. ital. sc. nat., **46**, 1907, (235-256, con 2 tav.). [65.2231 dh]. 5861
- Marr, J. E.** Annual general meeting, addresses to medallists and recipients of funds, and obituary notices. London, Abs. Proc. Geol. Soc., **1905 1906**, 1906, (50-58); London, Q. J. Geol. Soc., **62**, 1906, (41-45). [0010]. 5862
- Martin, G[eorge] C[urtis].** Geology and mineral resources of the Controller Bay region, Alaska. [With bibliography.] Washington, D. C., Dept. Int. Bull. U. S. Geol. Surv. No. **335**, 1908, (1-111, with pl., maps, text-fig.). [39.0231 .5000 ga]. 5863
- Martin, K[arl].** Systematische Uebersicht über die Gastropoden aus tertiären und jüngeren Ablagerungen von Java.

- N. Jahrb. Min., Stuttgart, **1907**, II, 1908, (151-162). [80.95.2231 *eg*]. 5864
- Martin**, K[arl]. Das Alter der Schichten von Soudé und Trinit auf Java. Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet., **17**, [1908]. (7-16). [90.95. 2231 *eg*]. 5865
- Martinelli**, Alfredo. La galleria di Gattico ed i suoi fossili pliocenici. Contributo al catalogo della fauna del mare pliocenico prealpino. Pisa, Mem. Soc. tosc. sc. nat., **23**, 1907, (160-226). [90. 2231 *dk*]. 5866
- Marty**. Sur la flore fossile de Lugarde (Cantal). Paris, C. R. Acad. sci., **147**, 1908, (395-397). [90.5000 *df*]. 5867
- Maslen**, A. J. v. Scott.
- Matarazzi**, Gaetano. *Elephas antiquus* Falc. rinvenuto presso Sant'Agata dei Goti. (Prov. di Benevento.) Riv. ital. Paleont., Perugia, **13**, 1907, (130-134, con tav.). [90.6031 *dh*]. 5868
- Mathews**, Edward B[ennett] v. Clark.
- Matley**, C. A. The carboniferous rocks at Rush (Co. Dublin). With an account of the faunal succession and correlation by A. Vaughan. London, Abs. Proc. Geol. Soc., **1905-1906**, 1906, (19-20); London, Q. J. Geol. Soc., **62**, 1906, (275-322, figs. [geol. maps], pls. XXIX and XXX). [55.0831 .2031 .1031 *de*]. 5869
- Matthew**, W[illiam] D[iller]. Mammalian migrations between Europe and North America. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (68-60). [0100]. 5870
- A four-horned pelycosaurian from the Permian of Texas. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (183-185, with text-fig.). [55.5631 *gi*]. 5871
- Osteology of *Blastomeryx* and phylogeny of the American *Cervidae*. [With bibliography.] New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (535-562, with text-fig.). [80.6031 90. 6031 0200 *gi*]. 5872
- Maury**, Carlotta Joaquina. A comparison of the Oligocene of western Europe and the southern United States. [Thesis Cornell university 1902.] Bull. Amer. Paleont., Ithaca, N.Y., **3**, No. **15** [1902], (1-118, with pl., maps, tables, text-fig.). [85.0231 *d gh gi* 85.2231 *gh gi*]. 5873
- Maury**, Carlotta Joaquina. -An interglacial fauna found in Cayuga valley and its relation to the Pleistocene of Toronto. J. Geol., Chicago, Ill., **16**, 1908, (565-567). [95.0231 *gg* 95.2231 *gg*]. 5874
- Maury**, F. v. Caziot.
- Mawson**, D. v. Chapman.
- Mayet**, Lucien. Etude sommaire des mammifères fossiles des faluns de la Touraine proprement dite. Ann. Univ. Lyon (science, médecine), **26**, 1909, (1-72, av. fig.). [90.6031 *df*]. 5875
- Méhely**, Lajos. A *Prospalax priscus* (Nhrg.) a mai spalaxok pliocenköri öse. [*Prospalax priscus* (Nhrg.), die pliocäne Stammform der heutigen Spalax-Arten.] Math. Termat. Közlem., Budapest, **30**, 1908, (213-258, mit 2 Taf.); Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **6**, 1908, (305-316, mit Taf. II-IV). [0200 6031. 90 *dk*]. 5876
- Méhes**, Gyula. Adatok Magyarország pliocén ostracodáinak ismeretéhez. [Beiträge zur Kenntnis der pliozänen Ostrakoden Ungarns.] Földt. Közl., Budapest, **38**, 1908, (537-568, 601-635, mit Taf. VIII-XI). [90.2631 *dk*]. 5877
- Mehlis**, C[hristian]. Diluviale Funde von Neustadt a. d. Haardt. Arch. Anthr., Braunschweig, **35**, 1908, (72-74). [95.5231 *de*]. 5878
- Menzel**, Paul. Fossile Koniferen aus der Kreide- und Braunkohlenformation Nordböhmens. Presden, SitzBer. Isis, **1908**, 1909, (27-32). [75.80.6500 *dk*]. 5879
- Ueber die Quartärfaunen im nördlichen Vorlande des Harzes und die Nehringsche Steppenhypothese. [Nebst Erwiderung von A. Wöllemann. Centralbl. Min., Stuttgart, **1909**, (87-94, 317-318). [95.0231 *de*]. 5880
- Merciai**, G[iuseppe]. L'infralias del Monte Malbe presso Perugia. Pisa, Proc. verb. Soc. tosc. sc. nat., **15**, 1906, (49-50). [65.0231]. 5881
- Sopra alcuni resti di vertebrati miocenici delle ligniti di Ribolla. Pisa, Mem. Soc. tosc. sc. nat., **23**, 1907, (79-87, con tav 3<sup>a</sup>, 4<sup>a</sup>). [90.6031 *dk*]. 5882
- Merriam**, John C[ampbell]. Triassic Ichthyosauria, with special reference to the American forms. [With bibliography.] Berkeley, Mem. Univ. Cal. 1,

- No. 1, 1908, (1-196, with pl., tables, illustr., text-fig.). [65.5631 *gi*]. 5883
- Merriam, John C**[ampbell]. Notes on the osteology of the thalattosaurian genus *Nectosaurus*. Berkeley, Univ. Cal. Pub. Bull. Dept. Geol., **5**, 1908, (217-223, with pl.). [65.5631]. 5884
- Merrill, George P**[erkins]. Carl Ludwig Rominger. [With bibliography.] Washington, D. C., Smithsonian Inst. Misc. Collect. Q., **52**, 1908, (79-82, with port.). [6010]. 5885
- Meunier, Fernand**. Les *Phoridae* et les *Leptidae* de l'ambre de la Baltique. Paris, C.R. Acad. sci., **147**, 1908, (1362-1363). [90.2431 *do*]. 5886
- Un Odonoptère du Rhétien (Lias inférieur) de Fort-Mouchard près des Arcues (Jura). Bul. Muséum, Paris, **1907**, (521-523, av. fig.). [70.2431 *df*]. 5887
- Un nouveau Protoblattiné du Stéphanien de Commentry. Bul. Muséum, Paris, **1907**, (523-525, av. fig.). [39.2431 *df*]. 5888
- Deux nouvelles Blattides du Stéphanien de Commentry (Allier). Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (284-288, av. fig.). [55.2431 *df*]. 5889
- Monographie des *Empidae* de l'ambre de la Baltique et catalogue bibliographique complet sur les Diptères de cette résine. Ann. sci. nat. zool., Paris, (sér. 9), **7**, 1908, (81-135, av. fig.). [85.2431 0032]. 5890
- Nouveaux Paléodictyoptères du Stéphanien de Commercy [et 2<sup>e</sup> note]. Bul. Muséum, Paris, **14**, 1908, (34-39, av. fig.). [55.2431 *df*]. 5891
- Nouveaux Mégasécoptéridés et nouveau Paléodictyoptère de Commentry. Bul. Muséum, Paris, **1908**, (172-175, av. fig.). [55.2431 *df*]. 5892
- Quatrième Note sur les nouveaux Insectes du Stéphanien de Commentry. Bul. Muséum, Paris, **1908**, (244-249, av. fig.). [55.2431 *df*]. 5893
- Les *Asilidae* de l'ambre de la Baltique. Paris, Bul. soc. ent., **1908**, (18-20, av. fig.). [90.2431]. 5894
- Michajlovskij, G.** Михайловскій, Г. Н. А. Соколовъ (некрологъ). [N. A. Sokolov (nécrologie).] Jurjev. Sitzb. Naturf. Ges., **16**, 1907, (XI-XXII). [0010]. 5895
- v. Černyšev.
- Michalski, A. O.** Михальскій, А. О. Замѣтки объ аммонитахъ. II. Къ познанію параблическихъ устьій у аммонитовъ и другихъ тетрабранхіатъ. [Notizen über die Ammoniten. II. Zur Kenntniss der Parabelmündungen bei den Ammoniten und anderen Tetrabranchiaten.] In: Schriften aus dem Nachlass von A. Michalski. St. Peterburg, Mém. Com. géol. (n. sér.), **32**, 1908, (69-99, deutsch. Rés. 100-125). [0030]. 5896
- Описание некоторых окаменлостей изъ окрестностей Сулева и Бялы. [Beschreibung einiger Versteinerungen aus den Umgegenden von Sulejow und Bjala.] In: Schriften aus dem Nachlass von A. Michalski. St. Peterburg, Mém. Com. géol., (n. sér.), **32**, 1908, (241-254, deutsch. Rés. 255-258). [70.0231 *dbc*]. 5897
- Mieck, A.** Zwei Mammut-Backenzähne aus der Kiesgrube bei Prenzlau. Prenzlau, Mitt. MusVer., **1**, 1902, (122-123). [95.6031]. 5898
- Missunianka, Anna.** O nowym gatunku *Edestusa*, znalezionym w wapieniu formacyi węglowej w okolicach m. Kołomyj, gub. Moskiewskiej. (Sur une nouvelle espèce d'*Edestus*, trouvée dans le calcaire houiller aux environs de Kolonna, gouv. de Moscou.) Kosmos, Lwów, **33**, 1908, (604-624). [55.5431]. 5899
- Mitchell, Evelyn Groesbeeck.** An apparently new protoblattid family from the Lower Cretaceous. Washington, D. C., Smithsonian Inst. Misc. Collect. Q., **52**, 1908, (85-86, with text-fig.). [75.2431 *gi*]. 5900
- Moodie, Roy. L.** The ancestry of the caudate Amphibia. [With bibliography.] Amer. Nat., Lancaster, Pa., **42**, 1908, (361-373, with text-fig.). [0200 39.5631]. 5901
- The clasping organs of extinct and recent Amphibia. Biol. Bull., Woods Holl, Mass., **14**, 1908, (249-259, with text-fig.). [39.5631 0150]. 5902
- The dawn of quadrupeds in North America. Pop. Sci. Mon., New York, N.Y., **72**, 1908, (558-566, with text-fig.). [0150 55.5231]. 5903
- *Dissorophus*—A correction. [*D. articulatus* synonym of *D. multicinctus*.] Science, New York, N.Y., (N. Ser.), **27**, 1908, (30-31). [55.5631]. 5904

**Mordziol, C.** Ueber *Agnostus pisi-formis* L. Centralbl. Min., Stuttgart, **1908**, (535–540). [50.2831]. 5905

**Morellet, L.** Découverte d'Algues siphonnées dans le Thanétien de Boncourt. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (261). [85.7400 *df*]. 5906

**Morin v. Hamelin.**

**Morin, H.** Ein Rätsel weniger. [*Asterosoma radiceforme*—Bau einer Sandkrabbe.] Wien, Verh. ZoolBot. Ges. **57**, 1907, ((267–270)). [75.1031]. 5907

**Morin, Maurice v. Jodot.**

**Mowbray, Louis.** The cahow: Discovery in Bermuda of fossil bones and feathers supposed to belong to the extinct bird called "cahow" by the early settlers. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (361–362). [39.5831 *la*]. 5908

**Müller, Ludwig.** Beiträge zur Kenntnis der Craniiden unter besonderer Berücksichtigung der Kreide-Formen. Abschnitt 2: Beiträge zur Organisation der Craniiden. Diss. Berlin. Halle a. S. (Druck v. K. Pritschow), 1908, (VI+33). 22 cm. [75.39.2031]. 5909

**Nägele, E[rwin].** Das „Neue Jahrbuch“ von 1807–1907. N. Jahrb. Min., Stuttgart, Festband 1907 [1908], (VII–XVIII). [0020]. 5910

**Nägler, Kurt v. Strand.**

**Napoli, Ferdinando.** Intorno alla formazione di Monteverde e di alcuni fossili rinvenuti. Roma, Mem. Acc. Nuovi Lincei, **25**, 1907, (79–82, con tav.). [90.6031 *dh*]. 5911

**Narraway, J. E. v. Raymond.**

[**Nasonov, N. V.**] **Насоновъ, Н. В.** О поступленияхъ въ Зоологическій Музей Императорской Академіи Наукъ остатковъ трупа мамонта, найденныхъ на р. Сангаюряхъ. [Sur les restes d'un cadavre de mammoth trouvés au bord de la rivière Sangajurjach et déposés au Musée Zoologique de l'Académie Impériale des Sciences.] St. Peterburg, Bull. Ac. Sc., (sér. 6), **2**, 1908, (1315–1322). [95.6031 *cab*]. 5912

**Nathorst, A[lfred] G[abriel].** De äldsta fröväxterna. [The oldest seed-plants.] Fauna och Flora, Uppsala, **1**, 1906, (30–45). [55.6600]. 5913

Paläobotanische Mitteilungen. **3**. [*Lycostrobis scotti*, eine grosse

Sporophyllähre aus den rhätischen Ablagerungen Schonens.] Stockholm, Vet.-Ak. Handl., **43**, No. 3, 1908, (14, mit 2 Taf.). [60.6600 *da*]. 5914

**Nathorst, A[lfred] G[abriel].** Paläobotanische Mitteilungen. 4–6. Stockholm, Vet.-Ak. Handl., **43**, No. 6, 1908, (32, mit 4 Taf. und 1 text-fig.). [39.5000 75.6700 *kb* 60.6500 *da*]. 5915

Paläobotanische Mitteilungen. 7. Stockholm, Vet.-Ak. Handl., **43**, No. 8, 1908, 29, mit 3 Taf. und 12 text-fig.). [60.6500]. 5916

**Naumann, Ernst.** Ueber eine präglaziale Fauna und über die Äquivalente der Ablagerungen des jüngeren Eises im Saaletale bei Jena. Berlin, Jahrb. geol. Landesanst., **29**, 1908, I, (167–183). [95.0231 *de*]. 5917

Fossilfunde im Mittleren Muschelkalk bei Grossheringen. Berlin, Monatsber. D. geol. Ges., **1908**, (71–76). [65.0231 *de*]. 5918

**Nelli, Bindo.** Formazione calcarea dello Scoglio-Troja. (Litorale livornese.) Roma, Boll. Soc. geol. ital., **26**, 1907, (172–174). [90.2231 *dh*]. 5919

Il miocene del Monte Titano nella repubblica di San Marino. Roma, Boll. Soc. geol. ital., **26**, 1907, (239–222, con 3 tav.). [90.0431 .0831 .1031 .1831 .2031 .2231 .5431 *dh*]. 5920

**Newton, E. T.** Notes on fossils from the Falkland Islands brought home by the Scottish National Antarctic Expedition in 1904. Edinburgh, Proc. R. Physic. Soc., **16**, 1906, (248–257, pl. X). [50.2031 1031 *h*]. 5921

**Newton, E. T. v. Pocock.**

**Newton, R. B.** Notice of some fossils from Singapore discovered by John B. Scrivenor, Geologist to the Federated Malay States. Geol. Mag., London, **3**, 1906, (487–496, pl. XXV). [60.2231 *eg* 70.6500 *eg*]. 5922

Note on Swainson's genus *Volutilithes*. London, Proc. Malac. Soc., **7**, 1906, (100–104, pl. XII). [75.80 .2231]. 5923

**Niedźwiedzki, J.** O nowym gatunku ostrzy miocénskich. (Über eine neue miozäne Austernart: *Ostrea leopolitana*.) Kraków, Bull. Intern. Acad., **1908**, (1073–1075). [90.2231 *dk*]. 5924

**Nopcsa**, Franz Baron. Zur Kenntnis der fossilen Eidechsen. Wien, Beitr. Pal. geol. OestUng., **21**, 1908, (33-62, mit 1 Taf.). [39.75.85.90.95.5631]. 5925

**Nordenskiöld**, Erland. Ein neuer Fundort für Säugetierfossilien in Peru. Ark. Zool., Stockholm, **4**, No. 11, 1908, (22, with pls.). [95.6031 hf]. 5926

[**Nordmann**, V.] Litteraturfortegnelse omfattende Skrifter af geologisk eller lignende Natur og som ved Emne, Forfatter eller Udgivelsessted ere knyttede til Danmark, Island og Bilandene. [A list of literature comprising works of geological or similar nature connected with Denmark, Iceland and the dependencies by subject-matter, author or place of publication.] Kjøbenhavn, Medd. Geol., **14**, 1908, (265-270). [0060]. 5927

———— Molluskfaunaen i *Cyprina*-leret og Mellemeuropas andre Eem-Aflejringer. [The mollusc fauna in the *Cyprina* clay and the other Eem beds of Central Europe.] Dr. Disp. Kjøbenhavn, **1908**, (1-159, with 2 pls.). [95.2231 d]. 5928

**Nowak**, J[an]. Kopalna flora senionska z Potylicza. [Sur la flore fossile senionienne de Potylicz.] Kraków, Rozpr. Akad., **7B**, 1907, (1-28). [75.5400 dk]. 5929

———— Badania w zakresie głównogów z górnej kredy w Polsce. (Untersuchungen über Cephalopoden der oberen Kreide in Polen. I Teil. Genus *Boeulites* Lamarck.) Kraków, Bull. Intern. Acad., **1908**, (326-353); Kraków, Rozp. Akad., **8B**, 1908, 123 151, mit 1 Taf. u. 4 Holzschnitten im Texte). [75.2231 db]. 5930

**Olfers**, E. W. M. von. Die „Ur-Insecten“. (*Thysanura* und *Collembola* im Bernstein.) Königsberg, Schr. physik. Ges., **48**, 1907, (1-10, mit 25 Taf.). [90.95.2431]. 5931

**Oliveira Pinto**, G. C. Un cas remarquable de silicification. Lisboune, Bul. Soc. Port. Sc. Nat., **1**, 1907, (174-176, avec. pl.). [75.5400]. 5932

**Oppenheim**, P[aul]. Observations sur l'âge des couches à *Palaecomastodon* du Fayoum. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (358-360). [85.6031 fb]. 5933

———— Ueber eine Eocänfauna von Ostbosnien und einige Eocänfossilien der Herzegowina. Wien, Jahrb.

Geol. RchsAnst., **58**, 1908, (311-344, mit 5 Taf.). [85.0831 .2231 dk]. 5934

**Oppenheim**, P[aul]. Ueber die Gattung *Campanile* Bayle und über eine Anzahl von Cerithien, zumal des älteren Tertiär. Centrallbl. Min., Stuttgart, **1909**, (203-215). [39.85.2231]. 5935

**Oppenheimer**, Josef. Der Malm der Schwedenschanze bei Brünn. Wien, Beitr. Pal. Geol. OestUng., **20**, 1907, (221-271, mit 3 Taf.). [70.5631 .5431 .2231 .2031 .1031 .0631 dk]. 5936

**Ortmann**, A[rnold E[dward]]. Origin of the deep-sea fauna. Report of the Eighth International Geographic Congress, Washington, D.C., **1904**, 1905, (618-620). [0200]. 5937

**Osborn**, Henry Fairfield. The present problems of paleontology. Congress of Arts and Science Universal Exposition St. Louis 1904. Boston, Mass., **4**, 1906, (566-585). [0040]. 5938

———— The skeleton of *Brontosaurus* and skull of *Morosaurus*. Nature, London, **73**, 1906, (282-284, figs.). [70.5631]. 5939

———— Explorations of John Bell Hatcher for the paleontological monographs of the United States geological survey, together with a statement of his contributions to American geology and paleontology. [With bibliography.] In: Hatcher, J. B. The Ceratopsia. Washington, D.C., Dept. Int. U.S. Geol. Surv. Monogr., **49**, 1907, (xvii-xxvi). [0010]. 5940

———— New fossil mammals from the Fayum Oligocene, Egypt. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (265 272, with text-fig.). [85.6031 fb]. 5941

———— New or little known Titanotheres from the Eocene and Oligocene. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (599-617, with illustr., text-fig.). [85.6031 gi]. 5942

———— The four inseparable factors of evolution. Theory of their distinct and combined action in the transformation of the titanotheres, an extinct family of hoofed animals in the order Perissodactyla. [Abstract.] Science, New York, N.Y., (N. Ser.), **27**, 1908, (148-150, with text-fig.). [0200 85.6031]. 5943



**Osborn, Henry Fairfield.** Coincident evolution through rectigradations and fluctuations. (Third paper.) Science, New York, N.Y., (N. Ser.), **27**, 1908, (749-752, with text fig.). [0200 85.6031]. 5944

Evolution of mammalian molar teeth to and from the triangular type, including collected and revised researches on trituberculy and new sections on the forms and homologies of the molar teeth in the different orders of mammals. [With bibliography.] Edited by W. K. Gregory. (Biological Studies and Addresses. Vol. 1.) New York (Macmillan), 1907, (ix+250, with text-fig., illustr., tables.) 23.6 cm. [0200 39.6031]. 5945

**Osimo, G[iusèppina].** Il genere "Siderolithes" Lank. Torino, Atti Acc. Sc., **42**, 1907, (273-285, con tav.). [75.0431 dk]. 5946

**Ottermann.** Die Ausbildung des Leitflözes Mausegatt in der Wittener Hauptmulde. Glückauf, Essen, **44**, 1908, (81-89). [55.5000 de]. 5947

**Pabst, Wilhelm.** Beiträge zur Kenntnis der Tierfährten in dem Rotliegenden „Deutschlands.“ IV. Berlin, Zs. D. geol. Ges., **60**, 1908, (325-345). [55.5631 de]. 5948

Die Tierfährten in dem Rotliegenden „Deutschlands.“ Halle, Nova Acta Leop., **89**, 1908, (313-481, mit 35 Taf.). [55.0231 .0131 de]. 5949

[**Palibin, I. V.**] Палибинъ, П. В. Отчетъ о палеофитологическихъ изслѣдованіяхъ въ юговосточной Россіи лѣтомъ 1904-1905 г. г. [Ueber palaeophytologische Untersuchungen im südöstlichen Russland in den Jahren 1904-1905.] Mater. geol. Ross., St. Petersburg, **23**, 1908, (261-295). [85.5000 dbb dbe]. 5950

**Pampaloni, Luigi.** Sopra alcune im-  
pronte di pine fossili raccolte dal Signor Antonio Biondi a Castelfari presso Montajone (Prov. di Firenze). Nuovo Giorn. bot. ital., Firenze, (N. Ser.), **11**, 1904, (141-148). [90.6500 dk]. 5951

**Parona, Carlo Fabrizio.** A proposito dei resti di un elefante (*El. primigenius* Blumb.), scoperto in un deposito quaternario della collina di Torino. Milano (Atti Congr. natural. ital. Milano 15-19 sett. 1906), 1907, (240-245, con tav.). [90.6031 dk]. 5952

[**Pavlova, Marie**] Павлова, Марія. *Dinotherium giganteum* Кауръ изъ окрестностей г. Тирасполя. [*Dinotherium giganteum* Кауръ des environs de Tiraspol.] Ann. géol. minér., Novo-Alexandria, **9**, 1907, (1-7, russe et français, av. 1 pl.). [90.6031 dbb]. 5953

Обзоръ русской литературы по палеонтологіи млекопитающихъ (1901-1906 г. г.). [Revue de la littérature russe pour la paléontologie des mammifères (1901-1906).] Ann. géol. minér., Novo-Alexandria, **9**, 1907, (131-138, rés. fr. 139-146). [0032]. 5954

Послѣдтретичныя жвачныя Екатеринбургскаго Музея. [Les Ruminants posttertiaires du Musée d'Ekaterinburg.] Ekaterinburg, Bull. Soc. Oural. nat., **27**, 1908, (81-92, rés. fr. 92-93, av. 2 pl.). [95.6031 dbe]. 5955

**Pax, F[erdinand].** *Bambusium sepul-  
tum* Andrä. Breslau, Jahresber. Ges. vaterl. Cultur, **85**, (1907), 1908, zool.-bot. Sect., (19-20). [80.5400 dk]. 5956

Ueber Tertiärpflanzen aus Siebenbürgen. Breslau, Jahresber. Ges. vaterl. Cultur, **85**, (1907), 1908, zool.-bot. Sect., (21-24). [80.5000 dk]. 5957

Die Tertiärflora des Zsiltales. Unter Mitwirkung von A. **Lingelsheim.** Bot. Jahrb., Leipzig, **40**, 1908, Beibl. **93**, (49-75). [85.5000 dk]. 80.5400]. 5958

Einige fossile Insekten aus den Karpathen. Zs. wiss. Insektenbiol., Berlin, **4**, 1908, (99-100). [39.2431 dk]. 5959

Fossile Insekten. Jahresbericht für 1906. Zs. wiss. Insektenbiol., Berlin, **4**, 1908, (386-388, 430-432). [39.2431]. 5960

Grundzüge der Pflanzenverbreitung in den Karpathen. Bd II. (Die Vegetation der Erde, hrsg. v. A[dolf] Engler und O[skar] Drude. X.) Leipzig (W. Engelmann), 1908, (VIII+322, mit 1 Karte). 26 cm. 25 M. [80.95.5000 dk]. 5961

**Peach, B. N.** Abstract of opening address. The higher crustacea of the carboniferous rocks of Scotland. Edinburgh, Trans. Geol. Soc., **8**, 1905, (372-373); Edinburgh, Proc. R. Physic. Soc., **16**, 1906, (230). [55.2631 de]. 5962

**Pelourde**, Fernand. Sur un nouveau type de pétiole de fougère fossile. Paris, C.R. Acad. sci., **147**, 1908, (877-879). [39.6700]. 5963

——— Recherches sur la position systématique des plantes fossiles appelées *Psaronius*, *Psaroniocalon*, *Caulopteris*. Paris, Bul. soc. bot., **55**, 1908, (88-96, 112-119). [39.6700]. 5964

**Penecke**, K. A. *Verbeekiella* nom. nov. (Synonymische Bemerkung). Berlin, Monatsber. D. geol. Ges., **1908**, (187). [55.0831 *eg*]. 5965

——— Ueber eine neue Korallengattung aus der Permformation von Timor. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (657-659, mit 2 Fig.); Edition française du Jaarb. Mijnw., **37**, 1908, (672-674, mit 2 Fig.). [55.0831 *eg*]. 5966

——— und **Boehm**, G. Liste der permischen, jurassischen und cretaceischen Versteinerungen von Timor, Roté, Savu, Babar, Taliabo, Mangoli und Buru. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (660-666); Edition française du Jaarb. Mijnw., **37**, 1908, (675-680). [39.0231 *eg*]. 5967

**Penhallow**, D[avid] P[earce]. Some fossil plants from the Middle Devonian of Milwaukee, Wisconsin. Milwaukee, Bull. Wis. Nat. Hist. Soc., **6**, 1908, (8-12, with pl.). [55.7400 *gg*]. 5968

**Peola**, Paolo. Impronte vegetali del carbonifero dello Illinois (Stati Uniti di America). Roma, Boll. Soc. geol. ital., **26**, 1907, (323-332, con tav.). [55.6600 *gg*]. 5969

**Perkins**, G[eorge] H[enry]. The lignite or brown coal of Brandon. 2. Vermont, Rep. Geol. Montpelier, **5**, 1906, (188-194, with pl., map, text-fig.). [90.5000 *gg*]. 5970

——— Fossils of the lignite. Vermont, Rep. Geol. Montpelier, **5**, 1906, (202-231, with pl.). [90.5000 .5400 .7900 *gg*]. 5971

——— Fossil Cetacea of the Pleistocene of the United States and Canada, with special reference to *Delphinapterus vermontanus* Thompson. Vermont, Rep. Geol. Burlington, **6**, (1907-1908), 1908, (76-112, with pl. (1 fold)). [95.6031 *g*]. 5972

——— Preliminary report on the geology of Franklin county. [With list

of Paleozoic fossils.] Vermont, Rep. Geol. Burlington, **6**, (1907-1908), 1908, (189-209). [45.0231 *gg*]. 5973

**Perkins**, G[eorge] H[enry]. Preliminary report on the geology of Chittenden county. [With lists of Paleozoic and Pleistocene fossils.] Vermont, Rep. Geol. Burlington, **6**, (1907-1908), 1908, (221-264, with map, pl.). [45.0231 *gg* 95.0231 *gg*]. 5974

**Péron**, P. A. Suppression d'un certain nombre d'espèces dans la nomenclature des *Ostrea* crétacés. Paris, C.R. ass. franç. avanc. sci., **36** (Reims 1907), 2<sup>e</sup> Partie, 1908, (305-313). [75.2231]. 5975

**Peterson**, O. A. Description of the type specimen of *Stenomylus gracilis* Peterson. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (286-300, with text-fig.). [90.6031]. 5976

**Peyerimhoff**, P. de. Le *Cupes* de l'ambre de la Baltique. Paris, Bul. soc. ent., **1909**, (57). [85.2431]. 5977

**Pezand**, Aym. Mollusques fossiles de Monneville (Oise). Feuille jeunes natural., Paris, **38**, 1908, (132-138, 158-161, 173-178, 198-202, 224-229, av. fig.). [85.2231 *df*]. 5978

**Pfizenmayer**, E. Das Mammut, *Eleph. primigenius* Blumb. Leipzig (F. E. Wachsmuth), 1908, (24). 24 cm. 0,40 M. [95.6031]. 5979

**Phleps**, Ottó. Ueber das Skelett eines weiblichen *Bison prisceus* Boj. sowie andere *Bison*- und *Bosreste* aus dem Diluvium Siebenbürgens. Hermannstadt, Verh. Mitt. siebenb. Ver. Naturw., **56**, [1906]. 1907, (1-44, mit Taf. 1-X). [95.6031 *dk*]. 5980

**Picard**, E[dmund]. [Mittel-Oligocän und Miocän in Hinterpommern, Blatt Schönebeck. In: Bericht über d. wiss. Ergebnisse d. geol. Aufnahmen i. d. J. 1903 u. 1904.] Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1907, (758-764). [80.0231]. 5981

**Pigorini**, Luigi, **Cerio**, Ignazio e **Bellini**, Raffaello. Materiali paleontologici dell'Isola di Capri. Boll. Paleont. ital., Parma, **32**, 1906, (1-16, con 1 fig., tav.). [95.5231 *dk*]. 5982

**Pilsbry**, Henry A[ugustine]. Notes on the genus *Strobelops*. Nautilus, Boston, Mass., **22**, 1908, (78-80). [39.2231]. 5983

**Pira, Adolf.** Studien zur Geschichte der Schweinerassen, insbesondere derjenigen Schwedens. Zool. Jahrb., Jena, Suppl., **10**, 1909, (233-418). [95.6031]

5984

**Plant, J. R.** The geological history of the mollusca. Leicester, Trans. Lit. Phil. Soc., **10**, 1906, (28-33). [39.2231 0020].

5985

**Platen, Paul.** Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Leipzig, SitzBer. natf. Ges., **34**, (1907), 1908, (8+164, mit 3 Taf.); Leipzig (Druck v. Gressner & Schramm), [1907], LXVI+156, mit 3 Taf.). 23 cm; Leipzig (Quelle & Meyer), 1908. 3 M. [80.7700 6.500 5400].

5986

**Pocock, T. I., Barrow, G., Gibson, W., Wedd, C. B. and Howe, J. A.** The geology of the country around Macclesfield, Congleton, Crewe, and Middlewich; with notes on fossils by E. T. Newton. Mem. Geol. Surv. Engl., London, Expl. Sheet 110, **1906**, (I-VI, 1-138, figs. [sketch-maps], pls. I and II, 1-inch geological map, n.s. [Drift]). Colour-printed 1906. [39.2231 de 0030].

5987

**Počta, Philippe.** Sur quelques éponges du sénonien de Nice. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (163-173, av. fig.). [75.0631 df].

5988

**Podék, Franz J.** Die Homorod-Almácher-Höhle. Zs. Min., Stuttgart, **2**, 1908, (37-41, mit 1 Taf.). [95.6031 dk].

5989

**Poggio (Di), E.** Elementi di paleo-fitologia. Torino (Unione tipogr. editr.), 1906, (1-200, con 71 fig.). 2½ cm. Lire 4. [0030].

5990

**Pompeckj, J. F.** Die faunistische und zoogeographische Bedeutung der Jurageschiebe im Diluvium Ost- und Westpreussens. [Auszug.] Königsberg, Schr. physik. Ges., **48**, 1907, (92-94). [70.0231 de 0100].

5991

v. Zittel.

**Pontier, G.** Sur une espèce nouvelle de *Paleomastodon* (*P. barroisi*). Lille, Ann. soc. géol., **36**, 1907, (150-154, av. fig.). [85.6031 fb].

5992

**Popescu-Voitesti, J.** Abnormale Erscheinungen bei Nummuliten. Wien, Beitr. Pal. Geol. OestUng., **21**, 1908, (211-214). [85.0431 0200].

5993

(K-4794)

**Portis, Alessandro.** È dimostrata la contemporaneità dell'uomo paleolitico coll'elefante antico, l'ippopotamo ed un rinoceronte in Italia? Roma, Boll. Soc. geol. ital., **26**, 1907, (XXVIII+XXIX). [95.6031 dh].

5994

———— Di due notevoli avanzi di carnivori fossili dai terreni tufacei di Roma. Roma, Boll. Soc. geol. ital., **26**, 1907, (63-87, con 2 tav.). [90.6031 dh].

5995

———— A proposito di avanzi elefantini recentemente scoperti nella valle del Po. Roma, Boll. Soc. geol. ital., **26**, 1907, (159-171). [90.6031 dh].

5996

———— Di alcuni avanzi fossili di grandi ruminanti, principalmente della provincia di Roma. Palaeontogr. Italica, Pisa, **13**, 1907, (141-198, con 4 tav. estr.: 1-58, con 4 tav.). [90.6031 dh].

5997

Posthumus Meyjes, R. v. Rouffiaer.

**Potonié, H[enry].** Abbildungen und Beschreibungen fossiler Pflanzen-Reste. Lfg 4. 5. Hrsg. v. d. kgl. geologischen Landesanstalt u. Bergakademie. Berlin (Kgl. geol. Landesanst. in Vertrieb), 1906-1907, (2+9+2+3+3+3+3+11, mit 1 Taf., +49+21+4+3+4+8-5+2+3+2+2+5; 2+4+5, mit 1 Taf., +6+18+4+4, mit 1 Taf., +3+2+2+3+4+2+4+2+4+1+3+6+10+15 S. = Index zu Lfg 1-5 (No 1-100)). 26 cm. Die Lfg 3,50 M. [38.6500 55.6700 6600].

**Prever, Pietro.** Su alcuni terreni a Nummuliti e ad Orbitoidi dell'alta valle dell'Aniene. Roma, Boll. Comitato geol., **38**, 1907, (101-108). [80.0431 dh].

5999

**Priem, F.** Sur les poissons fossiles du Stampien du bassin parisien. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (195-205, av. fig.). [85.5431].

6000

———— Sur les otolithes des poissons éocènes du bassin parisien. Paris, Bul. soc. géol., (sér. 4), **6**, 1906, [1907], (265-280, av. fig.). [85.5431 df].

6001

———— Sur des Vertébrés de l'Éocène d'Égypte et de Tunisie. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, [1908], (413-419, av. fig.). [85.5231 fa].

6002

———— Étude sur le genre *Lepidotus*. Ann. paléont., Paris, **3**, 1908, (1-19). [60.5431].

6003

**Priem, F.** Etude des poissons ossiles du bassin parisien. Paris (Masson), 1909, (144, av. fig. et 5 pl.). 25 cm. 15 fr. [39.5431 *df*]. 6004

**Principi, Paolo.** Cenni geologici sul Monte Malbe presso Perugia. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, 1907, (2<sup>o</sup> sem. 535-537). [60.0231 *dh*]. 6005

**Prindle, L[ouis] M[arcus].** The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska; with a section on the Rampart placers by F. L. Hess and a paper on the water supply of the Fairbanks region by C. C. Covert. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **337**, 1908, (1-102, with pl., maps (partly fold.)). [39.0231 *ga*]. 6006

**Prouty, Wm. F.** The Meso-Silurian deposits of Maryland. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (563-574, with text-fig.). [50.0231 *gh* 0220]. 6007

**Quenstedt, Friedrich August.** Der Jura. Neudruck. Tübingen (H. Laupp), 1858 [1907], (VI+842, mit 100 Taf.). 24 cm. 25 M. [70.0231]. 6008

**Raciborski, M.** *Pangium* z miocén-  
skich warstw Jawy. (Über eine fossile *Pangium* aus dem Miozän Javas.) Kraków, Bull. Intern. Acad., **1909**, (280-284). [90.5400 *ej*]. 6009

**Rathbun, Mary J[ane].** Descriptions of fossil crabs from California. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **35**, 1908, (341-349, with pl.). [75.2631 *gi* 90.2631 *gi*]. 6010

**Rausenberger, J.** Neuere Funde aus dem Diluvium von Hanau. [In: Festschrift . . . der Wetterauischen Gesellschaft für die gesamte Naturkunde.] Hanau (Claus & Feddersen), 1908, (146-148). [95.6031 *de*]. 6011

**Raymond, Percy E.** The Gastropoda of the Chazy formation. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (168-225, with pl., text-fig.). [50.2231 *g*]. 6012

——— and **Narraway, J. E.** Notes on Ordovician trilobites: *Iliaenidae* from the Black river limestone near Ottawa, Canada. Pittsburgh, Pa., Ann. Carnegie Mus., **4**, 1908, (242-255, with pl.). [50.2831 *g*]. 6013

**Reed, F. R. C.** Sedgwick Museum notes. New fossils from the Bokkeveld

beds, South Africa. Geol. Mag., London, **3**, 1906, (301-310, pls. XVI-XVII). [55.2231 .2031 *fg*]. 6014

**Reed, F. R. C.** Sedgwick Museum notes. New fossils from the Haverfordwest district. Geol. Mag., London, **3**, 1906, (358-368, pl. XX). [50.2231 *de*]. 6015

——— The lower palaeozoic trilobites of the Girvan district, Ayrshire. Part III. London, Monogr. Palaeont. Soc., **60**, 1906, (97-186, pls. XIV-XX). [50.2831 *de*]. 6016

——— New fossils from the Bokkeveld beds. Cape Town, Ann. S. Afric. Mus., **4**, 1908, (381-406, pls. XLVII-XLVIII). [55.2231 *fg*]. 6017

**Regalia, Ettore.** Sulla fauna della "Grotta del Castello" di Termini Imerese (Palermo). Firenze, Archivio Soc. ital. Antrop. Etnol., **37**, 1907, (337-378, tav. 5<sup>a</sup>). [95.6031 *dh*]. 6018

——— Sull *Equus (Asinus) hydruntinus* Regalia della grotta dei Romanelli. (Castro, Lecce.) Firenze, Archivio Soc. ital. Antrop. etnol., **37**, 1907, (375-390, con fig.). [95.6031 *dh*]. 6019

——— Fauna della grotta di Pertosa (Salerno). Seconda nota. Firenze, Archivio Soc. ital. Antrop. etnol., **36**, 1906, (27-57, con 2 fig.; estr. 1-33, con 2 fig.); anche in Paolo Carucci: La grotta preistorica di Pertosa ecc. Napoli (G. Priore edit.), 1906, (1-232, con 26 fig. con 45 tav.). [95.5231 .2231 *dh*]. 6020

——— Avifauna fossili Italiane. Avicula, Siena, **11**, 1907, (fasc. 113-114, estr. 1-10). [80.5831 *dh*]. 6021

**Reid, Clement and Reid, Eleanor M.** The fossil flora of Tegelen-sur-Meuse near Venloo, in the Province of Limburg. Amsterdam, Verh. K. Akad. Wet., 2<sup>e</sup> Sect., **13**, 1907, (1-26, with 3 pl.). [90.7900 .5431 .5631 .6031 *dd*]. 6022

**Rein, J.** Ueber eine riesige Sumpfcypresse aus der rheinischen Braunkohle. Mitt. D. dendr. Ges., Bonn, **16**, 1907, [1908], (117-118). [90.6500]. 6023

**Reinhardt, Ludwig.** Vom Nebelfleck zum Menschen. Eine gemeinverständliche Entwicklungs-Geschichte des Naturganzen nach den neuesten Forschungsergebnissen. [Bd 3:] Die Geschichte des Lebens der Erde.

München (E. Reinhardt), 1909 [1908], (XII+550+VIII). 24 cm. Geb. 8,50 M. [0200]. 6024

**Reiss, Karl.** Untersuchung über fossile Hölzer aus Japan. Diss. Leipzig. Rostock (Druck v. C. Hinstorff), 1907, (VI+227, mit 1 Taf.). 22 cm. [39.6500 5400 cc]. 6025

**Rénier, Armand.** Origine raméale des cicatrices uloidendroïdes du *Bothrodendron punctatum*. Paris, C. R. Acad. sci., **146**, 1908, (1428-1430). [39.6700]. 6026

——— Sur la faune [et la flore] du terrain houiller inférieur de Baudour (Hainaut). Lille, Ann. soc. géol., **35**, 1906, [1907], (249-255). [55.0231 5000 dd]. 6027

**Rentz, Carl v. Frech.**

**Renz, Carl.** Sur les Ammonites toarciennes de l'Épire intérieure. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (136-137). [70.2231 dl]. 6028

——— Types nouveaux de la faune du trias d'Épidaure. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (223-224). [65.0231 dl]. 6029

——— Die Trias von Rotti und Timor im ostindischen Archipel. Centralbl. Min., Stuttgart, **1909**, (355-361). [65.2231 eg]. 6030

——— und **Frech, F[r]itz** Der Nachweis von Obertrias im Parnassgebiet. Geologische Beobachtungen am Parnass. Von Carl **Renz**. Zur Bestimmung der Korallen. Von F[r]itz **Frech**. Berlin, Monatsber. D. geol. Ges., **1908**, (329-336). [65.0831]. 6031

**Repelin, J.** Sur les affinités zoologiques des genres *Lychnus* et *Anaulomus*. Ann. paléont., Paris, **3**, 1908, (21-24, av. fig.). [39.2231]. 6032

**Reuter, Lothar.** Die Ausbildung des oberen Braunen Jura im nördlichen Teile der Fränkischen Alb. (Ein Beitrag zur Kenntnis des Fränkischen Jurameeres.) Geogn. Jahreshäfte, München, **20**, (1907), 1908. (19-134); Diss. Erlangen. München (Druck v. C. Wolf & S.), 1908, (119, mit 3 Taf.). 27 cm. [70.2231 de]. 6033

**Reynolds, S. H.** A monograph of the British pleistocene mammalia. Vol. II. pt. 2. The bears. London, Monogr. Palaeont. Soc., **60**, 1906, (1-35, figs., pls. I-VIII). [95.6031 de]. 6034

**Riaz, A. de.** Note sur le Toarcien de la région lyonnaise et de Saint-Romain au Mont d'Or en particulier. Paris, Bul. soc. géol., (sér. 4), **6**, 1907, (607-625). [70.0231 df]. 6035

**Richardson, C[harles] H[enry].** The geology of Newport, Troy and Coventry. [With note on the occurrence of crushed graptolites.] Vermont, Rep. Geol. Burlington, **6**, (1907-1908), 1908, (265-291, with map, pl., text-fig.). [45.0831 99]. 6036

**Richardson, G[eorge] Burr.** Paleozoic formations in trans-Pecos Texas. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (474-484, with text-fig.). [45.0231 gi]. 6037

**Richardson, L.** Liassic Dentaliidae. London, Abs. Proc. Geol. Soc., **1905-1906**, 1906, (72); London, Q. J. Geol. Soc., **62**, 1906, (573-593, fig., pls. xlv). [70.2231]. 6038

**Richter, Rudolf.** Beiträge zur Kenntnis devonischer Trilobiten aus dem Rheinischen Schiefergebirge. Diss. Marburg. Frankfurt a. M. (Druck v. Gebr. Knauer), 1909, (97). 24 cm. [55.2831 de]. 6039

**Rochemont, E. J. de v. Rouffaer.**

**Römer, F[r]itz.** Ctenophora, Siphonophora, Graptolitida für 1905. [Jahresberichte.] Arch. Natg., Berlin, **71**, Bd 2, H. 3, 1905 [1909], XVI c. (9+9+6). [39.0831]. 6040

**Rögenhofer, Alois.** Ueber ein Endglied des Ichthyosaurierstammes aus der Kreideformation. Wien, Verh. Zool. Bot. Ges., **58**, 1908, ((38)-(44)). [75.5631]. 6041

**Rohwer, S. A.** A fossil larid wasp. [With "Supplementary note" by T. D. A. Cockerell.] New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (519-520). [80.2431 gi de]. 6042

——— On the Tenthredinoidea of the Florissant shales. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (521-530, with text-fig.). [80.2431 gi]. 6043

——— The Tertiary Tenthredinoidea of the expedition of 1908 to Florissant, Colo. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (591-595, with text fig.). [80.2431 gi]. 6044

- Rohwer, S. A.** A fossil mellinid wasp. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1908, (597). [80.2431 *gi*]. 6045
- Rollet, H.** Les gisements fossilifères du bassin parisien (suite). Ann. Ass. Nat. Levallois Perret, **13**, 1907, (35-46). [39.0231]. 6046
- Roman, F.** Sur un nouveau gisement pliocène aux environs de Nîmes. Nîmes, Bul. soc. sci. nat., **34**, 1907, (43-53). [90.2231 *df*]. 6047
- et **Genneveaux, M.** Note sur un nouveau gisement de Mammifères éocènes aux environs de Montpellier. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (17-23). [85.6031 *df*]. 6048
- Romer, E.** Próba statystyki literatury fizyograficznej ziem polskich za lata 1891-1905. (Statistisches über die physiographische Literatur Polens 1891-1905. Kosmos, Lwów, **33**, 1908, (77-83). 0032]. 6049
- Rothpletz, Aug.** Ueber Algen und Hydrozoen im Silur von Gotland und Oesel. Stockholm, Vet.-Ak. Handl., **43**, No. 5, 1908, (25, mit Illustr.). [59.0831 7400 *de*]. 6050
- Rouffaer, G. P., Posthumus Meyjes, R., Rochemont, E. J. de.** De Zuidwest Nieuw-Guinea expeditie 1904-1905 van het Kon. Ned. Aardr. Genootschap (met bijlage van G. Boehm). [Die Südwest-Nieuw-Guinea-Expedition 1904-1905 der Königl. Niederl. Geogr. Gesellschaft (mit Beilage von G. Boehm). Leiden (E. J. Brill, 1908, (XXVI)+676, mit Taf. u. Kart.). 25 cm. [70.2231 *ia*]. 6051
- Rowley, R. R.** The geology of Pike county. Missouri Bur. Geol. Mines, Jefferson City, (Ser. 2), **8**, [1908?], G. xiv + 1-122, with pl., text-fig., tables, map in folder. [0150 39.0231 5000 *gi* 59.2031 *gi* 55.0831 1031 2031 2231 2831 *gi*]. 6052
- Ruedemann, Rudolph.** Graptolites of New York. Part 2. Graptolites of the higher beds. Albany, N.Y., St. Educ. Dept. Mus. Mem. **11**, 1908, (1-583, with pl., tables, text-fig.). [45.50 55.0831 *gg*]. 6053
- Ruska, Julius.** Geologische Streifzüge in Heidelbergs Umgebung. Eine Einführung in die Hauptfragen der Geologie auf Grund der Bildungsgeschichte des oberrheinischen Gebirgs-systems. Leipzig (E. Nägele), 1908, (XI+208, mit Taf. u. Kart.). 21 cm. 3,80 M. [39.0231 *de*]. 6054
- Sacco, Federico.** Le facies faunistiche del Miocene torinese. Riv. ital. Paleont., Perugia, **13**, 1907, (110-116). [90.0231 *dh*]. 6055
- Salfeld, H.** Ein neues fossiles Farnkraut aus dem Solnhofen lithographischen Schiefer. Centralbl. Min., Stuttgart, **1908**, (385-386). [70.6700]. 6056
- Ueber *Ginkgo* und ihre ausgestorbenen Verwandten. Hannover, Jahresber. nathist. Ges., **55-57**, 1908, (164-168). [38.6500]. 6057
- r. Zittel.
- Salinas, Emmanuèle.** Avanzi preistorici all'Acqua dei Corsari presso Palermo. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, 1907, (1° sem. 111-112). [95.2231 *dh*]. 6058
- Salter, (Miss) Mary.** The fossils of Torquay and its neighbourhood, and where to find them. London, 1903, (1-27, Supplement 1-4, 2 pls.). Svo. [39.0231 *de*]. 6059
- Sardeson, Frederick W[illiam].** Discoid crinoidal roots and *Camarocrinus*. J. Geol., Chicago, Ill., **16**, 1908, (239-254, with illustr., text-fig.). [50.1031 *gi*]. 6060
- Sargent, R. H. v. Willis.**
- Sauvage, H. E.** Nouveau catalogue des poissons des formations secondaires du Boulonnais. Boulogne-sur-Mer, Bul. soc. Acad., **7**, 1904-1905, (190-212). [70.75.5131 *df*]. 6061
- Note sur le genre *Pélorosaure*. Boulogne-sur-Mer, Bul. soc. Acad., **7**, 1906, (493-498, av. fig.). [70.5631 *df*]. 6062
- Savage, T. E.** On the Lower Paleozoic stratigraphy of southwestern Illinois. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (431-443, with tables). [50.0231 *gg*]. 6063
- Savornin, J.** Terrains miocènes d'une partie de la bordure sud de l'Atlas tellien. Observation sur leur faune de *Pectinidae*. Paris, Bul. soc. géol., (sér. 4), **8**, 1908, (316-321). [90.2231 *fa*]. 6064
- Sayn, Gustave.** Les Ammonites pyriteuses des marnes valangiennes du sud-est de la France (suite). Paris,

Mém. soc. géol., Mém. n° 23, (t. 5), 1907, (23-68, av. pl.). [75.2231 *df*].

6064A

**Scalia, Salvatore.** Il postpliocene dell'Etna. Catania, Atti Acc. Gioenia, (Ser. 4), 20, 1907, (Mem. 13<sup>a</sup>, 1-43, con tav.). [95.0231 *dh*].

6065

**Scharff, R. F.** On the former occurrence of the African wild cat in Ireland. Dublin, Proc. R. Irish Acad., 26, Sec. B, No. 1, 1906, (1-12, pl. 1). [95.6031 *de*].

6066

**Schellwien, E[rnst].** Monographie der Fusulinen. Nach dem Tode des Verf. hrsg. u. fortgesetzt von Hans v. Staff. Tl 1: Die Fusulinen des russisch-arktischen Meeresgebietes. Mit einem Vorwort von Fritz Frech und einer stratigraphischen Einleitung von Hans v. Staff. Palaeontographica, Stuttgart, 55, 1908, (145-194, mit 8 Taf.). [39.0431].

6067

**Schepman, M[attheus] M[arinus].** Mollusken aus posttertiären Schichten von Celebes. Leiden, Samml. Geol. Reichsmus., (Ser. 1), 8, 1907, (153-203, mit 4 Taf.). [95.2231 *eg*].

6068

**Schlosser, M[ax].** Die Land- und Süswassergastropoden vom Eichkogel bei Mödling. Nebst einer Besprechung der Gastropoden aus dem Miozän von Pein in Steiermark. Wien, Jahrb. Geol. Reichsanst., 57, 1907, (753-792, mit 1 Taf.). [90.2231 *dk*].

6069

——— Beitrag zur Osteologie und systematischen Stellung der Gattung *Necrolemur*, sowie zur Stammesgeschichte der Primaten überhaupt. N. Jahrb. Min., Stuttgart, Festband 1907, [1908], (197-226, mit 1 Taf.). [80.6031 0200].

6070

**Schmidt, Axel.** Oberkarbonische und permische Zweischaler aus dem Gebiet der Saar und Nahe. Geogn. Jahreshefte, München, 19, (1906), 1908, (119-138, mit 1 Taf.). [55.2231 *de*].

6071

**Schmidt, F.** Beitrag zur Kenntniss der ostbaltischen, vorzüglich unter-silurischen, Brachiopoden der Gattungen *Plectambonites* Pand., *Leptaena* Dalm. und *Strophomena* Blainv. St. Petersburg, Bull. Ac. Sc., (sér. 6), 2, 1908, (717-726). [50.2031 *dbe*].

6072

**Schmidt, W. E.** Die Fauna der Siegener Schichten des Siegerlandes, wesentlich nach den Aufsammlungen in den Sommern 1905 und 1906. Berlin,

Jahrb. geol. Landesanst., 28, 1:07 [1908], (429-456). [55.0231 *de*].

6073

**Schmidt, Walter.** Die Kreidebildungen der Kainach. Wien, Jahrb. Geol. Reichsanst., 58, 1908, (223-246, mit 3 Taf.). [75.2231 *dk*].

6074

**Schmitt, Alois.** Das Zeugnis der Versteinerungen gegen den Darwinismus oder die Bedeutung der persistenten Lebensformen für Abstammungslehre und Apologetik. Freiburg i. Br. (Herder), 1908, (VIII+124). 25 cm. 2,40 M. [0200].

6075

**Schneider, K[arl] C[amillo].** Das Grundproblem der Deszendenztheorie. Wr. Klin. Rdsh., Wien, 22, 1908, (489-491, 504-506). [0200].

6076

**Schöndorf, Friedrich.** Verzeichnis der im Naturhistorischen Museum zu Wiesbaden befindlichen Originale. Abtheilung für Geologie und Paläontologie. 2. Originale zu G. et F. Sandberger, Die Versteinerungen des rheinischen Schichtensystems in Nassau. Wiesbaden, 1850-1856. Wiesbaden, Jahrb. Ver. Natk., 61, 1908, (39-71). [0060].

6077

**Schubert, R[ichard] J[ohann].** Beiträge zu einer natürlicheren Systematik der Foraminiferen. N. Jahrb. Min., Stuttgart, Beilagebd., 25, 1908, (232-260). [39.0431 0150].

6078

——— Zur Geologie des österreichischen Velebit. (Nebst paläontologischen Anhang.) Wien, Jahrb. Geol. Reichsanst., 58, 1908, (345-386, mit 1 Taf.). [55.0431 *dk*].

6079

**Schucht, F.** Die interglazialen Ablagerungen von Godenstedt bei Zeven. Aus d. Heimat, Leipzig, (N. F.), H. 1, 1908, (58-71). [95.0231 5000 *de*].

6080

**Schütze, E[wald].** Alttertiäre Land- und Süswasserfossilien aus dem Ries. Berlin, Monatsber. D. geol. Ges., 1907, (191-193). [85.6000 0231 *de*].

6081

——— Die geologisch-paläontologische Sammlung der Stadt Biberach a. R. (Sammlung des † Pfarrer Dr. J. Probst). Museumskunde, Berlin, 4, 1908, (79-83). [0060].

6082

**Schulz, A[ugust].** Ueber die Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Skandinaviens. Berlin, Ber. D. bot. Ges., 26a, 1908, (38-49). [95.5000 *da* 0200].

6083

- Schulz**, A[ugust]. Die Entwicklungsgeschichte der recen ten Moore Norddeutschlands. Zs. Natw., Leipzig, **80**, 1908, (97-124). [95.5000 0150 0200 *de*]. 6084
- Schuster**, Julius. Ueber ein fossiles Holz aus dem Flysch des Tegernseer Gebietes. Geogn. Jahreshfte, München, **19**, (1906), 1908, (139-152, mit 1 Taf.). [85.5400 *de*]. 6085
- Kieselhölzer der Steinkohlenformation und des Rotliegenden aus der bayerischen Rheinpfalz. Geogn. Jahreshfte, München, **20**, (1907), 1908, (1-17, mit 2 Taf.). [55.6500 *de*]. 6086
- Zur Kenntnis der Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden. Geogn. Jahreshfte, München, **20**, (1907), 1908, (183-243, mit 6 Taf.). [55.2431 7700 6700 6500 *de*]. 6087
- Schwalbe**, G[ustav]. Ueber fossile Primaten und ihre Bedeutung für die Vorgeschichte des Menschen. Mitt. philomath. Ges., Strassburg, Bd IV, [Jg **16**, (1908)], 1909, (45-61). [95.6031 0200]. 6088
- Schwarz**, Hugo. Ueber die Morphogenie der Wirbelsäule der Tetrapoden. Berlin, SitzBer. Ges. natf. Freunde, **1908**, (315-329). [39.5231]. 6089
- Ueber die Wirbelsäule und die Rippen holospondyler Stegocephalen (*Lepospondyli* Zitt.). Wien, Beitr. Pal. Geol. OestUng., **21**, 1908, (63-105). [39.55.5631 0020]. 6090
- Scott**, D. H. On the structure and affinities of fossil plants from the Palaeozoic rocks. V. On a new type of sphenophyllaceous cone (*Sphenophyllum fertile*) from the lower coal-measures. London, Phil. Trans. R. Soc., **198** B., 1906, (17-39, fig., pls. III-V). [58.6600]. 6091
- The President's Address: Life and work of Bernard Renault. London, J. R. Microsc. Soc., **1906**, 1906, (129-145, pls. IV and V). [0010]. 6092
- The present position of paleozoic botany. [Abridged and condensed, with the consent of the author, from *Progressus Rei Botanicae*, Leiden, vol. I, pt. I, 1907, (139-217, 37 fig.). Washington, D.C., Smithsonian Inst. Rep., **1907**, 1908, (371-405, with pl., text-fig.). [0150 45.5000]. 6093
- Scott**, D. H. and **Maslen**, A. J. Note on the structure of *Trigonocarpon olivaeforme*. Ann. Bot., Oxford, **20**, 1906, (109-112). [55.7900]. 6094
- Sears**, John H. A southern flora and fauna of Post-Pleistocene age in Essex county, Massachusetts. Rhodora, Boston, Mass., **10**, 1908, (42-46). [95.0231 5000 *gg*]. 6095
- The physical geography, geology, mineralogy and paleontology of Essex county, Massachusetts. [With bibliography.] Salem, Mass. (Essex Institute), 1905, (418, with port., illustr., fold. map). 28 cm. [39.0231 *gg*]. 6096
- Seely**, Henry M[artyn]. Stellae and rhabdoliths of the genus *Strophochetus*. Vermont, Rep. Geol. Burlington, **6**, (1907-1908), 1908, (187-188, with pl.). [50.0631]. 6097
- *Cryptozoön*. Reply to the review of C. W. W. J. Geol., Chicago, Ill., **16**, 1908, (298). [0210 50.0631]. 6098
- Seguenza**, Luigi. Nuovi resti di Mammiferi pontici di Gravittelli, presso Messina. Roma, Boll. Soc. geol. ital., **26**, 1907, (89-122, con 3 tav.). [90.6031 *dl*]. 6099
- Séguin**. Note sur les anomalies dans l'apex chez *Glypticus lamberti*. Feuille jeunes natural., Paris, **38**, 1908, (248-250, av. fig.). [75.1031]. 6100
- Semper**, M[ax]. Die Grundlagen paläogeographischer Untersuchungen. Centralbl. Min., Stuttgart, **1908**, (34-445). [0000]. 6101
- Seward**, A. C. Note on Cycads: with exhibition of a rare species (*Cycas micholitzii*) acquired by the Botanic Garden [Cambridge]. Cambridge, Proc. Phil. Soc., **13**, 1906, (299-302, figs.). [45.6500]. 6102
- [Сьюордъ, А. Ч.] Юрскія растения Кавказа и Туркестана. [Jurassic plants from Caucasasia and Turkestan.] St. Peterburg. Mém. Com. géolog., (n. sér.), **38**, 1907, (1-47, English 1-48, with 8 pl.). [70.6700 6500 *dbd eac*]. 6103
- On a collection of permocarboniferous plants from St. Lucia (Somkele) coalfield, Zululand, and from the Newcastle District, Natal. Johannesburg, Trans. Geol. Soc. S. Afric., **10**, 1908, (81-87, with 2 pls.). [0100 0020 55.6700 6500 *fg*]. 6104



- Seward, A. C. and Ford, (Miss)** Sibille O. The *Araucariaceae*, recent and extinct. London, Phil. Trans. R. Soc., **108** B, 1906, (305-411, figs, pls. XXIII and XXIV). [39.6500]. 6105
- Shattuck, George** Burbank. The geology of St. Mary's county. Maryland Geological Survey, St. Mary's County, Baltimore, **1907**, (67-112, with pl., diagsr.). [39.0231 *gh*]. 6106
- The geology of Calvert county. Maryland Geological Survey, Calvert County, Baltimore, Md., **1907**, (67-121, with pl., diagsr.). [39.0231 *gh*]. 6107
- Shearsby, A. J.** Notes on the operculate Madreporaria Rugosa from Yass, (N.S.W.). Geol. Mag., London, **3**, 1906, (547-552, pl. XXV). [50.0831 *ae*]. 6108
- Sheppard, T.** Humber district geological notes. Hull, Trans. Geol. Soc., **6**, 1906, (43-57). [39.0231 *de*]. 6109
- Sherborn, C. D.** Visit to the museum of Mr. G. E. Dibbey at Lower Sydenham. London, Proc. Geol. Ass., **19**, 1906, (312-313). [0060]. 6110
- Remarks on the irregular Echinoids of the white chalk of England as exhibited in the British Museum (Natural History). Geol. Mag., London, **3**, 1906, (31-33). [75.1031 *de* 0060]. 6111
- A list of contributions to various subjects. London, 1906, (1-9). 8vo. [0010]. 6112
- v. Green.
- Shimek, B[ohumil]**. Aftonian sands and gravel in western Iowa. Science, New York, N.Y., (N. Ser.), **28**, 1908, (923). [95.0231 *gi* 95.2231 *gi* 95.6031 *gi*]. 6113
- Shimer, Hervey W[oodburn]**. Dwarf faunas. Amer. Nat., Lancaster, Pa., **42**, 1908, (472-490). [0150]. 6114
- and **Blodgett, Mildred E.** The stratigraphy of the Mt. Taylor region, New Mexico. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (53-67, with map, text fig.). [75.2231 *gi*]. 6115
- Sibly, T. F.** On the carboniferous limestone (Avonian) of the Mendip area (Somerset), with special reference to the palaeontological sequence. London, Abs. Proc. Geol. Soc., **1905** **1906**, 1906, (41-42); London, Q. J. Geol. Soc., **62**, 1906, (324-378, figs. [geol. map], pls. XXXI-XXXV [geol. map]). [55.0831 2031 *de* 0150]. 6116
- Siemiradzki, J.** Zbiory L. Zejsznera z Kieleckiego dewonu. [Sur la faune dévonienne des environs de Kielce d'après les collections originales du feu le prof. L. Zejszner.] Kraków, Bull. Intern. Acad., **1909**, (765-770). [0060]. 6117
- Silvestri, Alfredo.** Il genere *Glandulodosaria* Silv. Perugia, Boll. Arch. Sez. sc. Istit. umbro Sc. lett., **1**, 1907, (44-51, con 12 fig.). [39.0431 *dh*]. 6118
- Sull'età geologica delle Lepidocicline. Roma, Atti Acc. Nuovi Lincei, **60**, 1907, (83-95, con 11 fig.). [80.0431 *dh*]. 6119
- Fossili d'ordomiani nei dintorni di Termini Imerese (Palermo). Roma, Atti Acc. Nuovi Lincei, **60**, 1907, (105-110). [85.0431 *dh*]. 6120
- La questione delle Lepidocicline nell'Umbria. Roma, Atti Acc. Nuovi Lincei, **60**, 1907, (167-187). [85.0431 *dh*]. 6121
- Probabile origine di alcune Orbitoidine. Boll. naturalista, Siena, **27**, 1907, (11-12). [80.0431 *dh*]. 6122
- Forma italiana della *Lingulina impressa* Terquem. Riv. ital. paleontol., Perugia, **13**, 1907, (66-70, con 2 fig.). [90.0431 *dh*]. 6123
- Benedetto Corti. Necrologia, con elenco delle pubblicazioni. Riv. ital. paleont., Perugia, **13**, 1907, (101-105). [0010]. 6124
- Considerazioni paleontologiche e morfologiche sui generi *Operculina*, *Heterostegina*, *Cycloclypeus*. Roma, Boll. Soc. geol. ital., **26**, 1907, (29-62, con tav.). [80.0431 *dh*]. 6125
- Simonelli, Vittorio.** Mammiferi quaternari dell'isola di Candia. I. Bologna, Mem. R. Acc. Sc. (Ser. 6), **4**, 1907, (455-471, con tav. doppia). [95.6031 *dk*]. 6126
- Simroth, H[einrich]**. Die Pendulationstheorie. Aus d. Natur, Stuttgart, **4**, 1908, (124-128). [0100]. 6127
- Zur Atlantisfrage. Natw. Wochenschr., Jena, **23**, 1908, (410-414). [0100]. 6128
- Neuere Arbeiten über die Verbreitung der Gastropoden. [Sammel-

releat. Zool. Zentralbl., Leipzig, **15**, 1908, (193-226). [39.2231]. 6129

**Sinclair**, William J. The Santa Cruz Tytotheria. Philadelphia, Pa., Proc. Amer. Phil. Soc., **47**, 1908, (64-78, with text-fig.). [90.6031 hi]. 6130

**Sincov**, I. F. Untersuchung einiger Ammonitiden aus dem unteren Gault Mangischlaks und des Kaukasus. St. Petersburg. Verh. Russ. mineral. Ges., (2 F.), **45**, 1907, (485-519, mit 8 Taf.). [75.2231 eac dbd]. 6131

**Sinzow**, I. F. r. Sincov.

**Slocum**, Arthur Ware. New crinoids from the Chicago area. Chicago, Ill., Field Columb. Mus. Pub. Geol. Ser., **2**, 1907 [1908], (11+273-306+41, with pl., text-fig.). [50.1031 gg]. 6132

**Smith**, Warren D. Hypothesis to account for the transformation of vegetable matter into the different grades of coal. Discussion of paper by M. R. Campbell. Econ. Geol., Lancaster, Pa., **1**, 1906, (581-583). [0150]. 6133

——— The geology of the Compostela-Danao coal field. Philippine J. Sci., Manila, P.I. (A. General Science), **2**, 1907, 377-403, with pl. (1 fold., 1 fold. maps). [39.0231 eg]. 6134

[**Sokolov**, D. N.] Соколовъ, Д. Н. Извлечение изъ матеріаловъ А. О. Михальскаго. [Extrait des manuscrits de A. O. Michalski.] St. Petersburg. Bull. Com. géol., **26**, 1907, (223-234, rés. fr. 234-235). [39.2231]. 6135

——— Аунцеллы Тимана и Шпицбергена. [Aunzellen vom Timan und Spitzbergen.] St. Petersburg, Mém. Com. géolog., (n. sér.), **36**, 1908, (1-25, deutsch. Rés. 26-29, mit 3 Taf.). [70.75 2231 dba kd]. 6136

**Sokolova**, M. r. Černyšev.

**Spandel**, Erich. Der Rupelton des Mainzer Beckens, seine Abteilungen und deren Foraminiferenfauna, sowie einige weitere geologisch-paläontologische Mittheilungen über das Mainzer Becken. Offenbach, Ber. Ver. Natk., **43** **50**, (1901-1909), 1909, (57-230, mit 2 Taf.). [50.0431 7400 de]. 6137

**Spencer**, Leonard James. On borate and other zinc phosphates and associated minerals from the Broken Hill mines, North Western Rhodesia. London, Mineral. Mag., **15**, 1908, (1-38). [0220]. 6138

**Spitz**, Albrecht. Die Gastropoden des karischen Unterdevon. Wien, Beitr. Pal. Geol. Oest. Ung., **20**, 1907, (115-190, mit 6 Taf.). [55.2231 dk]. 6139

**Staff**, Hans v. Ueber Schalenverschmelzungen und Dimorphismus bei Fusulinen. Berlin, SitzBer. Ges. natf. Freunde, **1908**, (217-237). [39.0431]. 6140

——— Zur Entwicklung der Fusuliniden. Centralbl. Min., Stuttgart, **1908**, (691-703). [39.55.0431 0200]. 6141

——— und **Eck**, Otto. Ueber die Notwendigkeit einer Revision des Genus *Ncolobites* Fischer. (*Ammonites vibrayanus* d'Orb.) Berlin, SitzBer. Ges. natf. Freunde, **1908**, (253-283). [75.2231]. 6142

——— v. Schellwien.

**Stather**, J. W. Investigation of the fossiliferous drift-deposits at Kirmington, Lincolnshire, and at various localities in the East Riding of Yorkshire. London, Rep. Brit. Ass., **1905**, 1906, (160); Hull, Trans. Geol. Soc., **6**, 1906, (28-32). [95.0231]. 6143

**Staudinger**, Wilhelm. *Praeovibos priscus* nov. gen. et nov. sp., ein Vertreter einer *Ovibos* nahestehenden Gattung aus dem Pleistocän Thüringens. Centralbl. Min., Stuttgart, **1908**, (481-502). [95.6031 de]. 6144

——— Vergleichende Untersuchungen am Skelette der quartären und rezenten Wildrinder Europas. Ein Beitrag zur Urgeschichte der Hausrinder. Diss. Halle a. S. (Druck v. C. A. Kaemmerer & Co.), 1909, (36). 22 em. [95.6031 dl]. 6145

**Stauffer**, Clinton R. The Devonian section on Ten Mile creek, Lucas county, Ohio. Ohio Nat., Columbus, **8**, 1908, (271-276). [55.0231 gy]. 6146

**Stearns**, Robert E[dwards] C[arter]. Dr. John B. Trask, a pioneer of science on the west coast. Science, New York, N.Y., (N. Ser.), **28**, 1908, (240-243). [0010]. 6147

**Stefanini**, Giuseppe. Conoclipeidi e Cassidulidi conoclipeiformi. Roma, Boll. Soc. geol. ital., **26**, 1907, (343-376, con 2 tav.). [80.1031 dh]. 6148

——— Echini fossili del miocene medio dell'Emilia. Roma, Rend. Acc. Lincei, (Ser. 5), **16**, 1907, (2<sup>o</sup> sem. 538-541). [90.1031 dh]. 6149

**Stefano (De)**, Giuseppe. Il pensiero filosofico di un evolucionista. [A. Gaudry.] Rivista d'Italia, Roma, 1907, (estratto 1-18 dal fascicolo di agosto 1907). 24 cm. [0010]. 6150

**Stefano (Di)**, Giovanni. I calcari cretacei con orbitoidi dei dintorni di Termini-Imerese e di Bagheria (Palermo). Palermo, Giorn. sc. nat. econ., 27, 1907, (estr. 1-11). [75.0431 *dh*]. 6151

**Stehlin**, H. G. Les types du "*Lophiodon* de Montpellier" de Cuvier (*Hyenarctos insignis* P. Gow.). Paris, Bull. soc. géol., (sér. 4), 7, 1907, (219-223, av. fig.). [85.6031 *df*]. 6152

Notices paléomammalogiques sur quelques dépôts miocènes des bassins de la Loire et de l'Allier. Paris, Bul. soc. géol., (sér. 4), 7, 1907, (525-550, av. fig.). [90.6031 *df*]. 6153

**Steinmann**, G[ustav]. Ueber die neuerdings in alt- und vortertiären Schichten gefundenen Menschenspuren. Bonn, SitzBer. Ges. Natk., 1907, 1908, D, (56-58). [80.6031]. 6154

Clemens August Schnleuter. Bonn, SitzBer. Ges. Natk., 1907, 1908, natw. Sektion, (96-112). [0010]. 6155

Das Alter der Schieferformation im Feuerlande. Centralbl. Min., Stuttgart, 1908, (193-194). [75.7400 .0231 *hl*]. 6156

Rassenpersistenz bei Ammoniten. Eine Erwiderung. Centralbl. Min., Stuttgart, 1909, (193-203, 225-232). [39.2231 0150]. 6157

Die geologischen Grundlagen der Abstammungslehre. Leipzig (W. Engelmann), 1908, (IX+284). Svo. 7 M. [0030 0200]. 6158

und **Wilckens**, Otto. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897. Ark. Zool., Stockholm, 4, No. 6, 1908, (118, mit Illustr.). [80.0831 .1031 .2231 .2631 *h* 90.2031 *h*]. 6159

**Sternberg**, Charles H. Some animals discovered in the fossil beds of Kansas. Topeka, Trans. Kan. Acad. Sci., 20, Part 2, 1907, (122-124). [39.5231 *gi*]. 6160

My expedition to the Kansas chalk for 1907. Topeka, Trans. Kan. Acad. Sci., 21, Pt. 1, 1908, (111-114, with text-fig.). [75.0231 *gi* 0220]. 6161

**Steuer**, A[lexander]. Untersuchung eines Rupelton-Vorkommens in Weinheim an der Bergstrasse. Darmstadt, Notizbl. Ver. Erdk., (4. F.), H. 28, 1907, (95-97). [85.0431 *de*]. 6162

**Stobbs**, J. T. The value of fossil Mollusca in coal-measure stratigraphy. London, Trans. Inst. Min. Engin., 30, 1906, (443-458); Manchester, Trans. Geol. Soc., 29, 1906, (323-338). [55.2231 *de*]. 6163

— v. Hind.

— r. Ward.

**Stoller**, J. Ueber die Zeit des Aussterbens der *Brasenia purpurea* Michx. in Europa, speziell Mitteleuropa. Berlin, Jahrb. geol. Landesanst., 29, 1908, I, (62-93). [95.5400 *d*]. 6164

Beiträge zur Kenntnis der diluvialen Flora (besonders Phanerogamen) Norddeutschlands. I. Motzen, Werlte, Ohlendorf-Hamburg. Berlin, Jahrb. geol. Landesanst., 29, 1908, I, (102-121). [95.5000 *de*]. 6165

**Stolley**, E[rnst]. Ueber alte und neue Aufschlüsse und Profile in der unteren Kreide Braunschweigs und Hannovers. Braunschweig, Jahresber. Ver. Natw., 15, (1905-1906 u. 1906-1907), 1908, (1-44). [75.0231 *de*]. 6166

Die Gliederung der norddeutschen unteren Kreide. Centralbl. Min., Stuttgart, 1908, (107-124, 140-151, 162-175, 211-220, 242-250). [75.0231 .2231 *de*]. 6167

Zur Kenntnis der kaukasischen Unterkreide. Centralbl. Min., Stuttgart, 1908, (321-325). [75.0231 *abd*]. 6168

Zur Kenntnis der unteren Kreide Norddeutschlands. Erwiderung. Centralbl. Min., Stuttgart, 1908, (753-761). [75.0231 *de*]. 6169

**Stolyhwo**, Kazimierz. Zur Frage der Existenz von Uebergangsformen zwischen *H. primigenius* und *H. sapiens*. Globus, Braunschweig, 94, 1908, (363-365). [95.6031]. 6170

**Stopes**, (Miss) Marie C. A new fern from the coal measures: *Tubicaulis sutcliffii* sp. n. Manchester, Mem. Lit. Phil. Soc., 1, No. 10, 1906, (1-34, pls. 1-111). [55.6700 *de*]. 6171

**Stose**, George W[illis]. The Cambro-Ordovician limestones of the Appalachian valley in southern Pennsylvania.

- J. Geol., Chicago, Ill., **16**, 1908, (698-714). [50.0231 *gg*]. 6172
- Strand**, Embrik. Echinodermata (mit Einschluß der fossilen) für 1899. [Jahresbericht.] Arch. Natg. Berlin, **70**, Bd 2, 1904 [1908], XV, (1-148); . . . für 1900. *op. cit.* **71**, Bd 2, H. 3, 1905 [1909], XV, (1-168); . . . für 1905 u. 1906. *op. cit.* **73**, Bd 2, H. 3, 1907 [1909], XV, (1-69, 1-57). [39.1031]. 6173
- und **Nägler**, Kurt. Echinodermata (mit Einschluß der fossilen) für 1901-1904. [Jahresbericht.] Arch. Natg., Berlin, **72**, Bd 2, 1906 [1909], XV, 72+74+82+100.; Ber. Natg. nied. Tiere, Berlin (N.F.), **22**. [39.1031]. 6174
- Stromer**, Ernst. Die Urvale (Archaeoceti). Anat. Anz., Jena, **33**, 1908, (81-88, mit 1 Taf.). [80.6031]. 6175
- Die Archaeoceti des ägyptischen Eozäns. Wien, Beitr. Pal. Geol. OestUng., **21**, 1908, (106-177, mit 4 Taf.). [85.6031 *fb* 0200]. 6176
- Sukatscheff**, W[ladimir]. Ueber das Vorkommen der Samen von *Euryale ferox* Salisb. in einer interglazialen Ablagerung in Russland. Berlin, Ber. D. bot. Ges., **26a**, 1908, (132-137). [95.5400]. 6177
- Swartz**, Charles K[ephart]. The succession of faunas in the Portage and Chemung formations of Maryland. J. Geol., Chicago, Ill., **16**, 1908, (328-346, with map, diagr., tables). [55.0231 *gh* 55.2031 *gh* 55.2231 *gh*]. 6178
- Tesch**, P[ictet]. Over het gedrag der fossiele kalkschalen in koolzuurhoudend water. [On the behaviour of fossil shells in water containing carbonic acid.] Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet., **17**, [1908], (234-241) (Dutch); Amsterdam, Proc. Sci. K. Akad. Wet., **11**, [1908], (236-242) (English). [80.39.2231]. 6179
- Thévenin**, Armand. Paléontologie de Madagascar. N. Fossiles liasiques. Ann. paléont., Paris, **3**, 1908, (105-143, av. fig.). [70.2231 .2031 *hj*]. 6180
- *v. Boule*.
- Thomas**, H. Note sur un gisement de *Lophiodon* à Sergy, au sud-est de Fère-en-Tardenois Aisne. Paris, Bul. soc. géol., (sér. 4), **6**, 1906 [1907], (686-688). [85.6031 *df*]. 6181
- Thomson**, J. Allan. Fossils from Kakanui. Wellington, Trans. N. Zeal. Inst., **40**, 1908, (98-103). [80.0831 .2031 .2231 *ik*]. 6182
- Till**, Alfred. Die fossilen Cephalopodengebisse. Wien, Jahrb. Geol. RechsAnst., **57**, 1907, (535-682, mit 2 Taf.). [60.2231]. 6183
- Törnquist**, Sv. Leonh. Observations on the genus *Rastrites* and some allied species of *Monograptus*. Lund, Univ. Arsskr., Afd. 2, **3**, No. 5, 1907, [Fysiogr. Sällsk. Handl. (N.F.), 18, 5]. (22, with 3 pls.). [50.0831]. 6184
- Törnquist**, A. Die Diadematoïden des württembergischen Lias. Berlin, Zs. D. geol. Ges., **60**, 1908, (378-430). [70.1031 *de*]. 6185
- Toucas**, A. Etudes sur la classification et l'évolution des *Radiolitiidae*, 1<sup>re</sup> Partie. Paris, Mém. soc. géol., Mém. No. **36**, (t. 14), 1907, (46, av. fig.). [75.2231 0200]. 6186
- Toula**, Franz. Vierhörnige Schafe aus dem diluvialen Lehm von Reinprechtspölla (N. Oe.) und von der Einmündung der Wien in den Donaukanal. Wien, Jahrb. Geol. RechsAnst., **57**, 1907, (399-402, mit 1 Taf.). [95.6031 *dk*]. 6187
- *Rhinoceros mercki* Jäger in Oesterreich. Wien, Jahrb. Geol. RechsAnst., **57**, 1907, (445-454, mit 2 Taf.). [95.6031 *dk*]. 6188
- Ein Mammutfund von Wildorf bei Bodenlach in Böhmen. Wien, Jahrb. Geol. RechsAnst., **58**, 1908, (267-280, mit 3 Taf.). [95.6031 *dk*]. 6189
- Trabucco**, Giacomo. Fossili, stratigrafia ed età dei terreni della repubblica di San Marino. Pisa, Proc. verb. Soc. tosc. sc. nat., **16**, 1907, (7-12). [39.0231 *dh*]. 6190
- Traquair**, R[amsay] H. A new Palaeozoic fish from the base of the Pendleside series near Holywell (Flint). Geol. Mag., London, **3**, **1906**, (556-557, figs.). [55.5431 *de*]. 6191
- A monograph of the fishes of the Old Red Sandstone of Britain. Part II. No. 3. The *Asterolepididae*. London, Monogr. Palaeont. Soc., **60**, 1906, (119-130, figs., pls. XXVII-XXXI). [55.5431 *de*]. 6192
- On fossil fish-remains from the Old Red Sandstone of Shetland.

Edinburgh, Trans. R. Soc., **46**, 1908, (321-329, with 2 pls.). [55.5431]. 6193

**Troll**, Oscar, Ritter von. Die pontischen Ablagerungen von Leobersdorf und ihre Fauna. Wien, Jahrb. Geol. Reichsanst., **57**, 1907, (33-90, mit 1 Taf.). [90.2231]. 6194

**True**, Frederick William]. The fossil cetacean *Dorudon serratus* Gibbs. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **52**, 1908, (63-78, + 3l., with 3 pl., text-fig.). [85.6031]. 6195

Remarks on the fossil cetacean *Rhabdosteus latiradix* Cope. Philadelphia, Pa., Proc. Acad. Nat. Sci., **60**, 1908, (24-29, with pl., text-fig.). [90.6031]. 6196

On the occurrence of remains of fossil cetaceans of the genus *Schizodelphis* in the United States, and on *Priscodelphinus* (?) *crassungulum* Case. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **50**, 1908, (449-460, with 2 fold. pl.). [90.6031 gf]. 6197

**Tschernyschew**, Th. v. Černyšev.

**Udden**, J[ohan] A[ugust]. Fossil tracks in the Del Rio clay. Austin, Trans. Tex. Acad. Sci., **10**, (1907), 1908, (51-52, with pl.). [0220]. 6198

A cycad from the Upper Cretaceous in Maverick county, Texas. Science, New York, N.Y., (N. Ser.), **28**, 1908, (159-160). [75.6500 gi]. 6199

**Ugolini**, Riccardo. Monografia dei Pettinidi neogenici della Sardegna. Parte seconda. Gen. *Amussium*, *Amussiopecten*. Palaeontogr. Italica, Pisa, **13**, 1907, (233-242, con 1 tav.). [90.2231 dh]. 6200

Resti di vertebrati marini del pliocene di Orciano. Milano (Atti Congr. Natural. ital. Milano 15-19 sett. 1906), 1907, (195-207, con tav. Estr. 1-15, con tav.). 25 cm. [90.6031 dh]. 6201

**Ulrich**, Edward O[scar] and **Bassler**, Ray S. New American Paleozoic Ostracoda. Preliminary revision of the *Beyrichiidae*, with descriptions of a new genera. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **35**, 1908, (277-340, with pl., text-fig.). [45.2631 g]. 6202

**Ussher**, R. J. Remains of hawfinch [*Coccothraustes*] in Co. Clare Caves. Irish Nat., Dublin, **15**, 1906, (136). [95.5831 de]. 6203

**Ussher**, R. J. The hyaena-dens of the mammoth cave near Doneraile, Co. Cork. Irish Nat., Dublin, **15**, 1906, (237-249). [95.6031 de]. 6204

**Vadász**, M. Elemér. A nagyküllői-megyeyei Alsórákos alsó-liaskori faunája. [Die fauna des unteren Lias von Alsórákos im Komitate Nagy-küllő.] Földt. Évk., Budapest, **16**, 1908, (277-367, mit Taf. VI-XI). [70.2231 .2631 dk]. 6205

— Szabad lakókamrás *Lytoceras*-faj a felső liasból. [Über eine oberliassische *Lytoceras*-Art mit aufgelöster Wohnkammer.] Földt. Közl., Budapest, **38**, 1908, (32-37, 131-137). [70.2231 dk]. 6206

Fosszilis korallzátványok. [Fossile Korallenriffe.] Pötf. Teremt. Közl., Budapest, **40**, 1908, (138-142). [60.0831]. 6207

**Vaillant**, Léon. La disposition du revêtement écaillé chez le *Mesosaurus tenuidens* Paul Gervais. Paris, Bul. soc. géol., (sér. 4), **7**, 1907, (68-71, av. fig.). [60.5631]. 6208

**Valabrègue**. Sur la destruction des gisements fossilifères. Marseille, Ann. soc. sci. Provence, **1**, 1907, (LX-LXI). [39.0231]. 6209

**Vaughan**, A. The carboniferous limestone series (Avonian) of the Avon gorge. Bristol, Proc. Nat. Soc., (ser. 4), **1**, 1906, (71-168, figs., pls. I-XVI). [55.0831 .2031 de]. 6210

[**Versilov**, N.] Версильовъ, Н. Памяти Геннадія Даниловича Романовскаго. [A la mémoire de Gennadij Danilovič Romanovskij.] Gorn. Žurn., St. Peterburg, **1908**, 2, (98-105, av. 1 portr.). [0010]. 6211

**Vetters**, H[ermann]. Beiträge zur geologischen Kenntnis des nördlichen Albaniens. Wien, Denkschr. Ak. Wiss., **80**, 1907, (201-248, mit 1 Taf.). [39.90.2231 dl 85.0431]. 6212

**Viguier**, René. Sur l'organisation et la position systématique du genre *Sezannella*. Paris, C.R. Acad. sci., **144**, 1907, (1003-1005). [85.5400]. 6213

**Vinassa de Regny**, Paolo. Graptoliti carnice. Milano (Atti Congr. natural. ital. Milano 15-19 settem. 1906), 1907, (161-186, tav. 1<sup>a</sup>. Estr. 1-28 con tav.). 25 cm. [55.0831 dh]. 6214

- Vitalis, István.** A tihanyi Fehérpart pliocénkorú rétegsora és faunája. [Die pliozäne Schichtenreihe des Fehérpart bei Tihany und deren Fauna.] Földt. Közl., Budapest, **38**, 1908, (665-678, 701-716). [90.2231 dk]. 6215
- Vogdes, A[nthony] W[ayne].** The genus *Encrinurus*: Its history, its species, its proper division in the family of trilobites. San Diego, Cal., Trans. San Diego Soc. Nat. His. **1**, 1907, (61-82, with pl.). [Continuation of "Trans. San Diego Acad. Nat. Sciences."]. [45.2831]. 6216
- Vogl, Viktor.** Tanulmányok az cocén Nautilusok köréből. [Über eoäne Nautiliden.] Földt. Közl., Budapest, **38**, 1908, (568-582, 635-649). [85.2231 dk]. 6217
- Voltz, E[mil].** Beiträge zur Molluskenfauna des Ober-Elsass. (Wie und wann ist *Viripira fasciata* Müll. in die Ill gekommen? Fossile Schnecken und Muscheln der Umgebung von Mülhausen.) Frankfurt a. M., Nachrbl. D. malakozool. Ges., **40**, 1908, (80-82, 97-110). [39.2231 de]. 6218
- Volz, Wilhelm.** Das geologische Alter der *Pithecanthropus*-Schichten bei Trinil, Ost-Java. N. Jahrb. Min., Stuttgart, Festband 1907 [1908], (256-271). [95.6031 eg]. 6219
- Waagen, Lukas.** Die Entwicklungslehre und die Tatsachen der Paläontologie. Natur u. Kultur, München, **6**, 1908, (18-22, 52-57, 84-89); München (Verl. d. Zs. „Natur u. Kultur“), 1909, (50). 23 cm. 1 M. [0200]. 6221
- Walcott, Charles D[oolittle].** Cambrian geology and paleontology. No. 1. Nomenclature of some Cambrian Cordilleran formations. Washington, D.C., Smithsonian Inst. Misc. Collect. **53**, 1908, (1-12). [0070 50.2831 gd gi .2031 d eb g ig 0220]. No. 2. Cambrian trilobites. t.e. (13-52, with 6 pl.). No. 3. Cambrian Brachiopoda: Descriptions of new genera and species. [With bibliography.] t.e. (53-137, with 4 pl.). No. 4. Classification and terminology of the Cambrian Brachiopoda. t.e. (14-139 165, with 2 pl., diagr., text-fig.). No. 5. Cambrian sections of the Cordilleran area. [With bibliography.] t.e. (167-230, with pl., map, diagrs.). 6222
- Walther, Johannes.** Geschichte der Erde und des Lebens. Leipzig (Veit & Co.), 1908, (IV+571). 26 cm. 14 M. [0030]. 6223
- Walther, Karl.** Nachtrag zu meiner Arbeit: Beiträge zur Geologie und Paläontologie des älteren Paläozoicums in Ostthüringen. (Dies. Jahrb. Beil.-Bd XXIV, p. 221. 1907.) N. Jahrb. Min., Stuttgart, Beilagebd, **25**, 1908, (261). [45.0231 de]. 6224
- Wanderer, K[arl].** Ein Vorkommen von *Encylocyrtia leachi* Mant. sp. im Cenoman von Sachsen. Dresden, Sitz-Ber. Isis, **1908**, (23-24). [75.2631 de]. 6225
- *Ramphorhynchus gemmingsi* H. v. Meyer. Ein Exemplar mit teilweise erhaltener Flughaut a. d. Kgl. Mineralog.-Geol. Museum zu Dresden. Palaeontographica, Stuttgart, **55**, 1908, (195-216, mit 1 Taf.). [70.5631 de]. 6226
- Wangerin, W.** Die postglaziale Pflanzengeographie und die Frage nach der Heimat der Indogermanen. Zs. Natw., Leipzig, **79**, 1907, (127-134). [95.5000 de]. 6227
- Wanner, J.** Liste der Triasversteinerungen von Timor, Roté und Savu. Jaarb. Mijnw. Ned. Ind., Batavia, **37**, 1908, (666-667); Ed. fr. du Jaarb. Mijnw., **37**, 1908, (681-682). [65.0231 eg]. 6228
- Ward, J.** Contributions to the geology and palaeontology of North Staffordshire: Palaeontology of the Cheadle coalfield. Stone, Trans. N. Staff. F. Cl., **40**, 1906, (102-137). [55.0231 .5000 de]. 6229
- and **Stobbs, J. T.** A newly discovered fishbed in the Cheadle coalfield; with notes on the distribution of fossil fishes in that district. Stone, Trans. N. Staff. F. Cl., **40**, 1906, (87-101, 2 pls.). [55.5431 de]. 6230
- Watson, D. M. S.** *Anthracomya* in the Radstock coal measures. Geol. Mag., London, **3**, 1906, (336). [55.2231 de]. 6231
- On a "Fern" Synangium from the lower coal measures of Shore (Lancashire). [Cyathotrachas.] London, J. R. Microsc. Soc., **1906**, 1906, (1-3, pls. I-III). [55.7900 de]. 6232
- Weaver, Charles E.** New echinoids from the Tertiary of California. Berkeley, Univ. Cal. Pub. Bull. Dept. Geol., **5**, 1908, (271-274+2l, with 2 pl.). [80.1031 gi]. 6233

**Weber, C. A.** Die Moostorfschichten im Steilufer der Kurischen Nehrung zwischen Sarkau und Cranz. Bot. Jahrb., Leipzig, **42**, 1908, (38-48). [95.5000 .7000 *de*]. 6234

——— *Hypnum turgescens* Schimp. nicht auf der Kurischen Nehrung fossil. Bot. Jahrb., Leipzig, **42**, 1908, (239-240). [95.7000]. 6234A

**Wedd, C. B. v. Pocock.**

**Wedekind, Rudolf.** Die Cephalopodenfauna des höheren Oberdevon am Eukeberge. N. Jahrb. Min., Stuttgart, Beilagebd **26**, 1908, (565-634, mit 7 Taf. u. 1 Tab.). [55.2231 *de*]. 6235

**Weigner, Stan.** Studya nad cenomanem podolskim. I. Fauna piasków niżniowskich. (Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów.) Kraków, Bull. Intern. Acad., **1909**, (758-765). [75.1831 .2031 .2231]. 6236

**Welch, R.** *Buccinum* and *Patella* Kjøkken-mødding at Cranfield Co. Down. Irish Nat., Dublin, **15**, 1906, (109). [95.2231 *de*]. 6237

**Wellburn, E. D.** Fish-fauna of the lower carboniferous rocks of Yorkshire. Yorks. Proc. Geol. Soc., **15**, 1906, (330-387). [55.5431 *de*]. 6238

**Wepfer, E.** Die nördliche Flyschzone im Bregenzer Wald. N. Jahrb. Min., Stuttgart, Beilagebd **27**, 1908, (1-71, mit 2 Taf.). [75.2231]. 6239

**White, David.** The American range of the Cycadofilices. [Abstract.] Report of the Eighth International Geographic Congress, Washington, D.C., **1904**, 1905, (616). [55.6600 *gf*]. 6240

——— A remarkable fossil tree trunk from the Middle Devonian of New York. Albany, N.Y. St. Educ. Dept. Mus. Bull. No. **107**, 1907, (327-360, with pl.). [55.6700 *gg*]. 6241

——— Age of plant beds in the K'ui-Chóu basin. Washington, D.C., Carnegie Inst. Pub. No. **54**, Vol. 1, Pt. 1, 1907, (280-283). [60.5000 *eb*]. 6242

——— Report on fossil plants from the coal measures of Arkansas. In: Collier, A. J. The Arkansas coal field. Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv. No. **326**, 1907, (24-31). [55.5000 *gi*]. 6243

**Whitfield, R[obert] P[arr].** Notes and observations on Carboniferous fossils [Brachiopoda] and semifossil shells [*Astarte borealis* and *Saxicava rugosa*], brought home by members of the Peary expedition of 1905-1906. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **24**, 1907, (51-58, with pl.). [55.2031 .2231 *ke*]. 6244

**Wickham, H[enry] F[rederick].** New fossil *Elateridae* from Florissant. Amer. J. Sci., New Haven, Conn., (Ser. 4), **26**, 1908, (76-78, with text-fig.). [80.2431 *ji*]. 6245

**Wieggers, Fritz.** Neue Funde paläolithischer Artefakte. 2. Aus dem Diluvium am Grossen Fallstein. Zs. Ethn., Berlin, **40**, 1908, (543-547). [95.0231 95.5000]. 6246

**Wieland, G[eorge] R[eber].** American fossil cycads. [With bibliography.] Washington (Carnegie Institution, Pub. No. 34), 1906, (viii+296, with text-fig., illustr., pl.). 29.8 cm. [39.6500 0150]. 6247

——— Historic fossil cycads. Amer. J. Sci., New Haven, Conn., (Ser. 4), **25**, 1908, (93-101, with text-fig.). [39.6500]. 6248

**Wilckens, O. v. Steinmann.**

**Williams, Henry S[haler].** The Dalmanellas of the Chemung formation, and a closely related new brachiopod genus *Thiemella*. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (35-64, with pl.). [55.2031 *gg*]. 6249

——— On the revision of the mollusk genus *Pterinea* Goldfuss. Washington, D.C., Smithsonian Inst. U.S. Nation. Mus. Proc., **34**, 1908, (83-90). [45.2231]. 6250

**Willis, Bailey.** Memoir of Israel C. Russell. [With bibliography.] Bull. Geol. Soc. Amer. New York, N.Y., **18**, (1907), 1908, (582-592, with port.). [0010]. 6251

——— **Blackwelder, Eliot and Sargent, R. H.** Research in China. Vol. 1, Part 1. Descriptive topography and geology. Washington (Carnegie Institution), [Publication No. 54], 1907, (II + xiv + 353 + xvi, with pl. maps, text-fig.). 29.8 cm. 45.0231 60.5000 *eb*]. 6252

**Williston, S[amuel] W[endell].** *Lysorophus*, a Permian urodele. Biol. Bull., Woods Holl, Mass., **15**, 1908, (229-240, with text-fig.). [55.5631]. 6253

- Williston, S[amuel] W[endell].** The *Cotylosauria*. J. Geol., Chicago, Ill., **16**, 1908, (139-148, with illustr., text-fig.). [55.5631]. 6254
- "The oldest known reptile" — *Isoetes punctulatus* Cope. J. Geol., Chicago, Ill., **16**, 1908, (395-400, with illustr., text fig.). [55.5631]. 6255
- North American plesiosaurs. *Trinacromerum*. J. Geol., Chicago, Ill., **16**, 1908, (715-736, with illustr., text-fig.). [39.5631 g 75.5631 g]. 6256
- A new group of Permian amphibians [for *Lysorophus tricarinatus*]. Science, New York, N.Y., (N. Ser.), **28**, 1908, (316-317). [55.5631]. 6257
- Wilser, Ludwig.** Tierwelt und Erdalter. Entwicklungsgeschichtliche Betrachtungen. 8. Taus. Stuttgart (Strecker & Schröder), [1908], (VII+127, mit 5 Taf.). 19 cm. 1 M. [0200]. 6258
- Wilson, Guy West.** A travertine deposit in Tippecanoe county, Indiana. Indianapolis, Ind., Proc. Acad. Sci., **1905**, 1906, (183-184). [0220]. 6259
- Wiman, Carl.** Studien über das nordbaltische Silurgebiet. 2. Upsala, Bull. Geol. Inst., **8**, (1906-1907), No. 2, 1908, (73-168, mit Taf. und Tab.). [50.0831 .2031 .2231 .2831 do]. 6260
- Winter, F[ritz] W.** Foraminifera (*Testacea reticulosa*) für 1896-1900. [Jahresbericht.] Arch. Natg., Berlin, **71**, Bd 2, H. 3, 1905 [1909], XVIII b, (1-78). [39.0431]. 6261
- Wiśniowski, Thaddäus.** Ueber die oberste Flyschfauna von Leszczyny. Wien, Beitr. Pal. Geol. OestUng., **20**, 1907, 191-205, mit 1 Taf.). [75.2231 dk]. 6262
- Wittenburg, Paul v.** Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok. Centralbl. Min., Stuttgart, **1908**, (67-89). [65.0231 .2231 dk cab]. 6263
- Beiträge zur Kenntnis der Werfener Schichten Südtirols. Geol. u. palaont. Abh., Jena, N. F., **8**, 1908, (251-292, mit 5 Taf.). [65.2231 dii]. 6264
- Einige neue Fossilien aus den Werfener Schichten Südtirols. N. Jahrb. Min., Stuttgart, **1908**, I, (16-21, mit 1 Taf.). [65.2231 dk]. 6265
- Wittenberg, Paul v.** Einige Lamellibranchiata der Salt-Range, mit Berücksichtigung der Lamellibranchiata des Süd-Ussuri-Gebiets. N. Jahrb. Min., Stuttgart, **1909**, I, (6-13, mit 2 Taf.). [65.2231 ef]. 6266
- Wolff, John E[liot].** Memoir of Nathaniel Southgate Shaler. [With bibliography.] Bull. Geol. Soc. Amer. New York, N.Y., **18**, (1907), 1908, (592-609, with port.). [010]. 6267
- Wollemann, A[ugust].** Fossile Knochen und Gastropolengehäuse aus dem diluvialen Kalktuff und Lehm von Osterode am Fallstein. Braunschweig, Jahresber. Ver. Natw., **15**, (1905-1906 u. 1906-1907), 1908, (45-50). [95.6031 .2231 de]. 6268
- Fossile Pflanzen aus dem diluvialen Kalktuff des Fallsteins. Braunschweig, Jahresber. Ver. Natw., **15**, (1905-1906 u. 1906-1907), 1908, (51-52). [95.5400 de]. 6269
- Die Fossilien der Kalktuffe des Elms und Lappwaldes. Braunschweig, Jahresber. Ver. Natw., **15**, (1905-1906 und 1906-1907), 1908 (53-57). [95.0231 de 95.5000 de]. 6270
- v. Menzel.
- Wood, Ethel M. R. (Mrs. G. A. Shakespear.)** The Tarannon series of Tarannan. London, Abs. Proc. Geol. Soc., **1905-1906**, 1906, (64-65); London, Q. J. Geol. Soc., **62**, 1906, (644-699, figs., pls. xviii-xlviii [geol. map]). [50.0231 de]. 6271
- On graptolites from Bolivia, collected by Dr. J. W. Evans in 1901-1902. London, Abs. Proc. Geol. Soc., **1905-1906**, 1906, (33-34); London, Q. J. Geol. Soc., **62**, 1906, (431-432). [50.0831 hg]. 6272
- v. Elles.
- Woodruff, Elmer Grant.** The geology of Cass county, Nebraska. [Physiography; Topography; Natural divisions; Drainage; Stratigraphy; Mineral resources; Water resources; Climate; Paleontology.] Nebraska Geological Survey, Omaha, **2**, 1906, (169-292, with maps, pls., diagrs., illustr.). [39.0231 gi 75.5400 gi]. 6272a
- Woods, H.** A monograph of the cretaceous Lamellibranchia of England.



Vol. II, pt. 3. London, Monogr. Palaeont. Soc., **60**, 1906, (97-132, pls. XII-XIX). [75.2231 de]. 6273

**Woodward, A. S.** On a tooth of *Ceratodus* and a Dinosaurian claw from the Lower Jurassic of Victoria (Australia). Ann. Mag. Nat. Hist., London, (ser. 7), **18**, 1906, (1-3, pl. I). [70.5431 if .5631]. 6274

———— The relations of palaeontology to biology. Ann. Mag. Nat. Hist., London, (ser. 7), **18**, 1906, (312-318). [0200]. 6275

———— On *Myriolepis hibernica*, a palaeoniscid fish from the Irish coal-measures. Ann. Mag. Nat. Hist., London, (ser. 7), **18**, 1906, (416-419, pl. X). [55.5431 de]. 6276

———— On two specimens of *Ichthyosaurus* showing contained embryos. Geol. Mag., London, **3**, 1906, (443-444, pl. XXIV). [70.5631]. 6277

———— The study of fossil fishes. London, Proc. Geol. Ass., **19**, (266-282, figs.); [abridged] Nature, London, **74**, 1906, (597-599, figs.). [39.5431]. 6278

———— Visit to the British Museum (Natural History). London, Proc. Geol. Ass., **19**, 1906, (307-309). [60.0231 0060]. 6279

———— On a new specimen of the Chimaeroid fish *Myriacanthus paradoxus*, from the Lower Lias near Lyme Regis (Dorset). London, Q. J. Geol. Soc., **62**, 1906, (1-4, pl. I). [70.5431 de]. 6280

———— The relations of paleontology to other branches of science. Congress of Arts and Science Universal Exposition St. Louis 1904. Boston, Mass., **4**, 1906, (551-565). [0040]. 6281

———— On fossil fish-remains from Snow Hill and Seymour Islands. (Wissenschaftl. Ergebnisse der Schwed. Südpolar-Exped. 1901-1903, **3**, Lief. 4.) Stockholm, 1908, (4, with 1 pl.). 27 cm. [75.80.5431 ob]. 6282

**Woodward, H.** A fossil insect from the coal-measures of Longton, North Staffordshire. [*Homoioptera.*] Geol. Mag., London, **3**, 1906, (25-29, fig.). [55.2431 de]. 6283

———— Emile Oustalet. [Obit.] Geol. Mag., London, **3**, 1906, (4-8). [0010]. 6284

**Woodward, H.** Cirripedes from the Trimmingham chalk and other localities in Norfolk. Geol. Mag., London, **3**, 1906, (337-353, figs.). [75.2631 de]. 6285

———— A large-headed Dinosaur. [*Triceratops prorsus.*] Nature, London, **73**, 1906, (228-229, fig.). [70.5631]. 6286

**Wüst, Ew[ald].** Neues über die paläolithischen Fundstätten der Gegend von Weimar. Zs. Natw., Leipzig, **80**, 1908, (125-134). [95.0231]. 6287

———— Das Vorkommen von *Rhinoceros merckii* Jäg. in den oberen Travertinen von Ehringsdorf bei Weimar und seine Bedeutung für die Beurteilung der Klimaschwankungen des Eiszeitalters. Centralbl. Min., Stuttgart, **1909**, (23-25). [95.6031 de]. 6288

———— r. Halme.

**Yabe, Hisakatsu.** Jurassic plants from T'ao-chia-P'un, China. Tokyo, Bull. Imp. Geol. Surv., **21**, 1908, (5-11, with 2 pls.). [70.6700 .7000 eb]. 6289

———— Foraminifera from some neogene and pleistocene rocks of Japan. Tokyo, Bull. Imp. Geol. Surv., **21**, 1908, (13-52). [90.95.0431 ec]. 6290

———— On the occurrence of the genus *Gigantopteris* in Korea. Tokyo, J. Coll. Sci., **23**, Art. 9, 1908, (1-8, with pl.). [65.7000 ec]. 6291

**Yakovlev, N. N.** r. Jakovlev.

**Yokoyama, Matajiro.** Palaeozoic plants from China. Tokyo, J. Coll. Sci., **23**, Art. 8, 1908, (1-18, with 7 pls.). [55.6700 .7000 eb]. 6292

**Zalëssky, M. D.** Mitteilung über das Vorkommen von *Mixoneura neuropteroïdes* Goëppert sp. in den ober-carbonischen Ablagerungen des Donezbeckens. St. Peterburg, Bull. Ac. Sc. (sér. 6), **2**, 1908, (631-633). [55.6600 dbb]. 6293

———— Материалы по каменноугольной флорѣ Донецкаго бассейна. I. Растительные остатки коллекции В. Домгера. [Contributions à la flore fossile du terrain houiller du Donetz. 1. Plantes fossiles de la collection de V. Domherr.] St. Peterburg, Bull. Com. géol., **26**, 1907, (351-422, rés. fr. dans le texte et 5 pl.). [55.6700 .6600 dbb]. II. Растительные остатки геологического кабинета

- Императорскаго Харьковского Университета и Донского Музея въ Новочеркасскѣ. II. Plantes fossiles de l'Institut géologique de l'Université Impériale de Kharkov et du Musée du Don à Novotcherkassk.] t.c. (423-494, rés. fr. dans le texte et 6 pl.). [55.6700 .6600 .6500 dbb]. 6294
- Zaléssky, M. D. [Залѣсскій, М. Д.] О присутствіи *Mixoneura neuropteroides* Göppert совместно съ *Neuropteris schenckzeri* Hoffmann и *Neuropteris varinervis* Bunbury въ верхнекаменноугольныхъ слояхъ Донецкаго бассейна. [Sur la présence de *Mixoneura neuropteroides* Göppert avec *Neuropteris schenckzeri* Hoffmann et *Neuropteris varinervis* Bunbury dans le terrain houiller supérieur du Donetz.] St. Peterburg, Bull. Com. géol., 26, 1907, (495-515, rés. fr. 515-524, av. 4 pl.). [55.6700 .6600 .6500 dbb]. 6295
- Ископаемая растенія каменноугольныхъ отложений Донецкаго бассейна. II. Изученіе анатомическаго строенія *Lepidostrobus*. [Végétaux fossiles du terrain carbonifère du bassin du Donetz. II. Etude sur la structure anatomique d'un *Lepidostrobus*.] St. Peterburg, Mém. Com. géolog., (n. sér.), 46, 1908, (1-18, rés. fr. 19-33, av. 9 pl.). [55.6700 dbb]. 6296
- Zdarsky, A. Zur Säugethierfauna der Eibiswalder Schichten. Wien, Jahrb. Geol. Reichsanst., 57, 1907, (437-444, mit 1 Taf.). [90.6031 dk]. 6297
- Zeiller, A. Etude sur la flore fossile du bassin houiller et permien de Blanzay et du Creusot. Etudes des gîtes minéraux de la France. Paris (Impr. nat.), 1906, 265, av. 51 pl.). 30cm. 5. [55.6500 .6700 df]. 6298
- Zeiller, R. Observations sur le *Lepidostrobus browni* Brongniart. Paris, C.R. Acad. sci., 148, 1909, (890-896). [39.6700]. 6299
- Revue des travaux de paléontologie végétale publiés dans le cours des années 1901-1906. Rev. gén. bot., Paris, 20, 1908, (40-44, 90-93, 183-187, 412-414, 441-446, 461-446). [39.5000 0032]. 6300
- Zeiller v. Douvillé.
- Zelízko, J[oh.] V[ratislav]. Zur Frage über die Stellung der Hyolithen in der Paläontologie. Centralbl. Min., Stuttgart, 1908, (362-365). [50.2231 dk]. 6301
- Zeller, Friedrich. Beiträge zur Kenntnis der Lettenkohle und des Keupers in Schwaben. N. Jahrb. Min., Stuttgart, Beilagebd 25, 1908, (1-134, mit 3 Taf.). [65.0231 de .2231 de]. 6302
- Zimmermann, E[rnst]. Das Palaeozoicum bei Görlitz und die Auffindung devonischer Trilobiten daselbst. Berlin, Monatsber. D. geol. Ges., 1908, (168-171). [55.2831 de]. 6303
- Zittel, [Karl Alfred von], Pompeckj, [Josef] und Salfeld. Palaeontologische Wandtafeln. Reihe 2: Fossile Pflanzen. Taf. 1-6. Stuttgart (E. Schweizerbart). [1908]. Je 104 × 136 cm. Je 3 M. [0050]. 6304
- Zschokke, F[ritz]. Nachklänge der Eiszeit in der Tierwelt Mitteleuropas. Umschau, Frankfurt a. M., 12, 1908, (723-725). [95.0231]. 6305
- Die Beziehungen der mitteleuropäischen Tierwelt zur Eiszeit. Verh. D. zool. Ges., Leipzig, 18, 1908, (21-77, mit 2 Taf.). [95.0231 d]. 6306

## SUBJECT CATALOGUE.

The four-figure numbers following the name of the author refer to the position of the corresponding entry in the Author Catalogue where the full reference is to be found.

## 0000 PHILOSOPHY.

**Abel.** 5269. Bau und Lebensweise der Flugsaurier.

————— 5271. Die Anpassungsformen der Wirbeltiere an das Meeresleben.

————— 5272. Die Morphologie der Hüftbeinrudimente der Cetaceen.

————— 5273. Neuere Studien über die Systematik und Stammesgeschichte der Halbaffen und den Fund eines angeblichen Vorfahren des Menschen in Südamerika, *Tetraprothomo argentinus* Ameghino.

————— 5274. Unsere gegenwärtige Kenntnis über den Bau und die Lebensweise von *Diprotodon australis* Owen.

————— 5275. Angriffswaffen und Verteidigungsmittel fossiler Wirbeltiere.

**Adloff.** 5279. Ausgestorbene Menschenaffen und ihre Beziehungen zum Menschen.

**Broom.** 5385. Inter-relationship of the known Theroccephalian genera.

**Engerlein.** 5563. Die biologische Bedeutung der Antarktis und ihres Faunengebietes.

**Friedberg.** 5596. L'importance des foraminifères en Géologie.

(κ-4794)

**Gaudry.** 5609. Fossiles de Patagonie; de l'économie dans la nature.

**Hall.** 5655. A glance at the phyletic background of genetic psychology.

**Semper.** 6171. Die Grundlagen paläogeographischer Untersuchungen.

## 0010 HISTORY. BIOGRAPHY.

**Albrecht.** 5282. Ernst Friedel 1837-1907. Ein Gedenkblatt zum 70. Geburtstag.

**Arber.** 5298. Past history of the ferns.

**BLAKE,** John Frederick. [Obit.] Geol. Mag., London [5], 3, 1906, (426-431).

**Boule.** 5358A. Albert Gaudry. Nécrologie.

**Černyšev et Borisiak.** 5435. A la mémoire de Nikolaj Aleksëvič Sokolov. Nécrologie. (Russe.)

————— *et alii.* 5436. Nikolaj Aleksëvič Sokolov. Nécrologie. (Russe.)

**CORTI,** Benedetto v. Silvestri.

**Diener.** 5518. Edmund v. Mojsisovics. Eine Skizze seines Lebensganges und seiner wissenschaftlichen Tätigkeit.

**Douvillé.** 5531. Charles Schlumberger, notice nécrologique.

**Douvillé.** 5532. Victor Raulin, notice nécrologique.

**Enderlein.** 5563. Die biologische Bedeutung der Antarktis und ihrer Faunengebiete.

**FRIEDEL,** Ernst v. Albrecht.

**GAUDRY,** Albert v. Boule.

——— v. Stefano (De).

**Gottsche.** 5638. Nachruf für Herrn Otto Semper.

**HARRIS,** George Frederick. [Obit.] Geol. Mag., London [5], 3, 1906, (384 and 431-432).

**HATCHER,** John Bell v. Osborn.

**Hoernes.** 5695. [Nekrolog betr. Edmund Mojsisovics Edler von Mojsvar, † 2. Oct. 1907.]

**Karpinskij.** 5749. Fr. Schmidt. Nécrologie. (Russe.)

**Kinkelin.** 5764. Zum Andenken an Erich Spandel.

**Lebedev.** 5803. Aleksandr Oktavianovič Michalski. Nécrologie. (Russe.)

**Lugeon.** 5850. Eugène Renevier, notice nécrologique.

**Major.** 5857. Eugène Renevier. [Obit.]

**Marr.** 5862. Annual general meeting, addresses to medallists and recipients of funds, and obituary notices.

**Merrill.** 5885. Carl Ludwig Rominger.

**Michajlovskij.** 5895. N. A. Sokolov. Nécrologie.

**MICHALSKI,** Aleksandr Oktavianovič v. Lebedev.

**MOJSISOVICS,** Edmund Edler v. Mojsvar v. Diener, Hoernes.

**Osborn.** 5940. Explorations of John Bell Hatcher for the paleontological monographs of the United States geological survey, together with a statement of his contributions to American geology and paleontology.

**RAULIN,** Victor v. Douvillé.

**RENEVIER,** Eugène. [Obit.] Athenaeum, London, 1906, (614).

——— v. Lugeon, Major.

**ROMANOVSKII,** G. D. v. Versilov.

**ROMINGER,** Carl Ludwig v. Merrill.

**RUSSELL,** Israel C. v. Willis.

**SCHLUETER,** Clemens August v. Steinmann.

**SCHLUMBERGER,** Charles v. Douvillé.

**SCHMIDT,** Fr. v. Karpinskij.

**Scott.** 6092. The President's Address: Life and work of Bernard Renault.

**SEMPER,** Otto v. Gottsche.

**SHALER,** Nathaniel Southgate v. Wolf.

**Sherborn.** 6122. A list of contributions to various subjects. London, 1906.

**Silvestri.** 6124. Benedetto Corti. Necrologia, con elenco di pubblicazioni.

**SPANDEL,** Erich v. Kinkelin.

**SOKOLOV,** N[ikolaj] A[leksëevič] v. Černyšev; Michajlovskij.

**Stearns.** 6147. Dr. John B. Trask, a pioneer of science on the west coast.

**Stefano (De).** 6150. Il pensiero filosofico di un evoluzionista: [A. Gaudry].

**Steinmann.** 6155. Clemens August Schlueter.

**TRASK,** John Boardman v. Stearns.

**Versilov.** 6211. A la mémoire de Gennadij Danilovič Romanovskij. (Russe.)

**WARD,** John. [Obit.] Colliery Guard., London, 92, 1906, (1090); Nature, London, 75, 1906, (155).

**Willis.** 6251. Memoir of Israel C. Russell.

**Wolf.** 6267. Memoir of Nathaniel Southgate Shaler.

**Woodward.** 6284. Emile Oustalet. [Obit.]

## 0020 PERIODICALS, REPORTS OF INSTITUTIONS, SOCIETIES, CONGRESSES, Etc.

Mitteilungen der staatlichen Bohrverwaltung in den Niederlanden. No. 1, 1908. [First number.]

Neues Jahrbuch für Mineralogie, Geologie und Paläontologie. Unter Mitwirkung einer Anzahl von Fachgenossen hrsg. v. M. Bauer, E. Koken, Th. Liebisch. Festband zur Feier des 100jährigen Bestehens. Stuttgart (E. Schweizerbart) 1907 [1908], (XVIII + 516, mit 18 Taf., 2 Portr. u. 1 Karte). 24 cm.

**Černyšev.** 5434. Jahresbericht der Russisch-Kaiserlichen Mineralogischen Gesellschaft zu St. Petersburg für 1906. (Russ.)

**Clarke.** 5449. Report of the Director [of the New York State museum] 1904.

————— 5450. Second [and third] Report of the Science division [of the New York State museum], including the 59th [and 60th] Report of the State museum, the 25th [and 26th] Report of the State geologist, and the Report of the State paleontologist for 1905 [and 1906].

————— 5452. Report of the geological survey including the work of the state geologist and paleontologist, of the mineralogist and that in industrial geology.

**Nägele.** 5910. Das „Neue Jahrbuch“ von 1807–1907.

**Plant.** 5985. The geological history of the mollusca.

**Seward.** 6104. Collection of permo-carboniferous plants from the St. Lucia (Somkele) Coalfield, Zululand and Newcastle district, Natal.

### 0030 GENERAL TREATISES, TEXT BOOKS, DICTIONARIES, BIBLIOGRAPHIES, TABLES.

**Lethaea geognostica.** Handbuch der Erdgeschichte mit Abbildungen der für die Formationen bezeichnendsten Versteinerungen. Hrsg. v. e. Vereinigung v. Geologen unter d. Redaktion v. Fritz Frech. Tl 2: Das Mesozoicum. Bd 1: Trias. (Schluss.) Lfg 4: Nachträge zu der Mediterranean Trias. Stuttgart (E. Schweizerbart), 1908, (I–XVI, 473–623, mit 12 Taf., 1 Karte u. 1 Tab.). 27 cm. 28 M.

**Bather.** 5324. Index Generum et Specierum Animalium.

**Berry.** 5331. A brief sketch of fossil plants.

**Ihering.** 5723. Die Entstehungsgeschichte der Fauna der neotropischen Region.

**Kayser.** Lehrbuch der Geologie. In 2 Teilen. Tl 2: Geologische Formationskunde. 3. Aufl. Stuttgart, 1908.

**Keilhack.** Lehrbuch der praktischen Geologie. Arbeits- und Untersuchungsmethoden auf dem Gebiete der Geolo-

gie, Mineralogie und Palaeontologie. 2. Aufl. Stuttgart, 1908.

**Michalski.** 5896. Notizen über die Ammoniten. II. Zur Kenntniss der Parabelmündungen bei den Ammoniten und anderen Tetrabranchiaten. (Russ.)

**Pocock, Barrow, Gibson, Wedd & Howe.** 5987. The geology of the country around Macclesfield, Congleton, Crewe, and Middlewich; with notes on fossils by E. T. Newton.

**Poggio.** Elementi di paleofitologia. Torino, 1906.

**Steinmann.** Die geologischen Grundlagen der Abstammungslehre. Leipzig, 1908.

**Walther.** Geschichte der Erde und des Lebens. Leipzig, 1908.

### 0032 BIBLIOGRAPHIES.

[Index bibliographique pour l'année 1903 [Géologie, minéralogie, paléontologie.] Указатель литературы за 1903 годъ. [Геология, минералогия и палеонтология] Ann. géol. minér. Novo-Alexandria, 9, 1908, (1–52).

**Davy.** 5507. Bibliographie géologique, minéralogique et paléontologique du nord-ouest de la France (Bretagne, Basse-Normandie, Maine, Anjou et Vendée). Premier supplément.

**Meunier.** 5890. Monographie des *Empidae* de l'ambre de la Baltique et catalogue bibliographique complet sur les Diptères de cette résine.

**Pavlova.** 5954. Revue de la littérature russe pour la paléontologie des mammifères (1901–1906). (Russe.)

**Romer.** 6049. Statistisches über die physiographische Literatur Polens 1891–1905. (Polish.)

**Zeiller.** 6300. Revue des travaux de paléontologie végétale publiés dans le cours des années 1901–1906.

### 0040 ADDRESSES, LECTURES, Etc., OF A GENERAL CHARACTER.

**Cockerell.** 5475. Aspects of modern biology.

**Osborn.** 5938. The present problems of paleontology.

**Woodward.** 6281. The relations of paleontology to other branches of science.

## 0050 PEDAGOGY.

**Zittel, Pompeckj und Salfeld.** Palaeontologische Wandtafeln. Reihe 2: Fossile Pflanzen. Taf. 1-6. Stuttgart, [1908].

## 0060 INSTITUTIONS, MUSEUMS, COLLECTIONS, ECONOMICS.

Catalogue of type specimens of Palaeozoic fossils. Albany, N.Y., St. Educ. Dept., Mus. Rep., **60**, 1907, (125-178).

Le musée houiller de Lille. Lille. Ann. soc. géol., **36**, 1907, (97-124, av. fig.).

New entries on general record of localities of American paleozoic fossils belonging to State museum. Albany, N.Y., St. Educ. Dept., Mus. Rep., **60**, 1907, 119-124.

The Delos Arnold collections of natural history specimens. Science, New York, N.Y., (N. Ser.), **28**, 1908, (717-718).

**Andrews.** 5293. Catalogue of the tertiary vertebrata of the Fayûm, Egypt, based on the collection of the Egyptian Government in the Geological Museum, Cairo, and on the collection in the British Museum [Natural History], London, 1906.

**Arber.** 5299. Catalogue of the fossil plants of the *Glossopteris*-flora in the Department of Geology, British Museum (Natural History), London, 1905.

**Bassler.** 5320. The Nettelroth collection of invertebrate fossils [chiefly from Palaeozoic strata outcropping in the vicinity of Louisville, Ky.].

**Delkeskamp.** 5510. Die Mikrophotographie in ihrer Bedeutung für Mineralogie, Petrographie und Paläontologie.

**Hoffer.** 5696. Leo Leguerney's Mineralien- und Petrefakten-Sammlung an der Landes-Oberrealschule zu Graz.

**Hollick.** 5706. The museum collection of fossil plants.

**Hussakof.** 5721. Catalogue of types and figured specimens of fossil vertebrates in the American museum of natural history.

**Nordmann.** 5927. A list of literature comprising works of geological or similar nature connected with Denmark,

Iceland and the dependencies by subject-matter, author, or place of publication. (Danish.)

**Schöndorf.** 6077. Verzeichnis der im Naturhistorischen Museum zu Wiesbaden befindlichen Originale. Abteilung für Geologie und Paläontologie. 2. Originale zu G. et F. Sandberger, Die Versteinerungen des rheinischen Schichtensystems in Nassau. Wiesbaden, 1850-1856.

**Schütze.** 6082. Die geologisch-paläontologische Sammlung der Stadt Biberach a. R.

**Sherborn.** 6110. Visit to the Museum of Mr. G. E. Dibley at Lower Sydenham.

——— 6111. Remarks on the irregular Echinoids of the white chalk of England, as exhibited in the British Museum (Natural History).

**Siemiradzki.** 6117. Sur la faune dévonienne des environs de Kielce d'après les collections originales du feu le prof. L. Zejszner. (Polish.)

**Woodward.** 6279. Visit to the British Museum. (Natural History.)

## 0070 NOMENCLATURE.

**Girardot.** 5620. Paléontostatique jurassique de la Franche-Comté méridionale.

**Walcott.** 6222. Cambrian geology and paleontology. No. 1. Nomenclature of some Cambrian Cordilleran formations.

## 0090 TECHNIQUE METHODS OF RESEARCH.

**Abel.** 5276. Die Anwendung der Röntgenstrahlen in der Paläontologie.

**Dahms.** 5498. Mineralogische Untersuchungen über Bernstein. IX. Rumänit und Succinit.

**Delkeskamp.** 5510. Die Mikrophotographie in ihrer Bedeutung für Mineralogie, Petrographie und Paläontologie.

## 0100 DISTRIBUTION OF LIFE (ANIMAL AND VEGETABLE) IN PAST TIMES.

**Adams.** 5278. The post-glacial dispersal of the North American biota.

**Arber.** Catalogue of the fossil plants of the *Glossopteris*-flora in the Depart-

ment of Geology, British Museum (Natural History). London, 1905.

**Arlt.** 5305. Afrikanische Elemente in der neogenen und quartären Fauna von Südwest-Europa.

———— 5306. Die Entwicklung der Kontinente und ihrer Lebewelt. Zur vergleichenden Erdgeschichte. Leipzig, 1907.

**Boulenger.** 5361. British Association. Address to section D (Zoology). The distribution of African Freshwater Fishes.

**Cockerell.** 5474. Florissant; a Miocene Pompeii.

**Depéret.** 5515. The evolution of the Tertiary mammals, and the importance of their migrations.

**Enderlein.** 5563. Die biologische Bedeutung der Antarktis und ihrer Faunengebiete. Mit besonderer Berücksichtigung der Insektenwelt.

**Frech.** 5589. Die Entwicklung der Kontinente und ihrer Lebewelt.

**Gaudry.** 5607. Patagonia and Antarctica

**Goebel.** 5625. Die Pendulationstheorie im Lichte der Geologie und Paläontologie.

**Grandidier.** 5639 Répartition géographique des animaux.

**Ihering.** Archhelenis und Archinotis. Gesammelte Beiträge zur Geschichte der neotropischen Region. Leipzig, 1907.

**Kitchin.** 5765. Invertebrate fauna and palaeontological relations of the Uitenhage series. S. Africa.

**Maas.** 5854. Bemerkungen zu Simroths Pendulationstheorie.

**Matthew.** 5870. Mammalian migrations between Europe and North America.

**Pompeckj.** 5991. Die faunistische und zoogeographische Bedeutung der Jurageschiebe im Diluvium Ost- und Westpreussens.

**Seward.** 6104. A collection of permo-carboniferous plants from St. Lucia (Somkele) Coalfield, Zululand, and from the Newcastle district, Natal.

**Simroth.** 6127. Die Pendulationstheorie.

———— 6128. Zur Atlantisfrage.

### 0150 ZONAL PALAEOONTOLOGY; MUTATIONS (CHANGES OF FORM IN SUCCESSIVE STRATA), Etc.

**Arlt.** 5306. Die Entwicklung der Kontinente und ihrer Lebewelt. Zur vergleichenden Erdgeschichte. Leipzig, 1907.

**Bosworth.** 5356. The zones of the Lower Chalk.

**Diener.** 5520. Die Stammesgeschichte der Ammoniten im Lichte der Abstammungslehre Steinmann's.

**Frech.** 5591. Die Deszendenzlehre in der modernen Geologie.

**Goebel.** 5625. Die Pendulationstheorie im Lichte der Geologie und Paläontologie.

**Goodchild.** 5627. Unconformities and palaeontological breaks in relation to geological time.

**Gothan.** 5634. Einiges über die Flora des Tertiärs und damit Zusammenhängendes.

———— 5636. Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste.

**Hay.** 5672. The fossil turtles of North America.

**Hind.** 5688. Life-zones in the British carboniferous rocks.

———— and **Stobbs.** 5690. The carboniferous succession below the coal-measures in North Shropshire, Derbyshire and Flintshire.

**Hoehne.** 5694. Frage der Klimazonenbildung im Jura und in der Kreide. A. Beleuchtung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste.

**Jaekel.** 5731. Zu Gustav Steinmann's Geologischen Grundlagen der Abstammungslehre.

**Jukes-Browne.** 5745. Zone of *Ostrea lunata*.

———— 5746. The zones of the lower chalk. [Cambridgeshire.]

**Kitchin.** 5765. Invertebrate fauna and palaeontological relations of the Uitenhage series. South Africa.

**Lane.** 5795. Hypothesis to account for the transformation of vegetable matter into the different grades of coal.

**Moodie.** 5902. The clasping organs of extinct and recent Amphibia.

———— 5903. The dawn of quadrupeds in North America.

**Rowley.** 6052. The geology of Pike county.

**Schubert.** 6078. Beiträge zu einer natürlicheren Systematik der Foraminiferen.

**Schulz.** 6084. Die Entwicklungsgeschichte der recenten Moore Norddeutschlands.

**Scott.** 6093. The present position of Paleozoic botany.

**Shimer.** 6114. Dwarf faunas.

**Sibly.** 6116. The carboniferous limestone (Avonian) of the Mendip area (Somerset), with special reference to the palaeontological sequence.

**Smith.** 6133. Hypothesis to account for the transformation of vegetable matter into the different grades of coal.

**Steinmann.** 6157. Rassenpersistenz bei Ammoniten.

**Wieland.** 6217. American fossil cycads.

## 0200 EVOLUTION.

**Abel.** 5268. Die Anfänge des Säugetierstammes.

———— 5270. The genealogical history of the marine mammals. [Transl.]

**Aridt.** Die Entwicklung der Kontinente und ihrer Lebewelt. Zur vergleichenden Erdgeschichte. Leipzig, 1907.

**Branca.** 5364A. Fossile Flugtiere und Erwerb des Flugvermögens.

**Broom.** 5379. Origin of mammals.

**Buscalioni.** 5403. La neocarpia studiata nei suoi rapporti coi fenomeni geologici e con l'evoluzione.

———— 5404. Sull'origine della Flora australiana.

**Buscalioni.** 5405. L'influenza delle condizioni di clima sui caratteri specifici.

**Depéret.** 5512. L'évolution des mammifères tertiaires; importance des migrations; époque pliocène.

———— 5515. Evolution of the Tertiary mammals, and the importance of their migrations.

**Dickinson.** 5516. The origin of fossil life.

**Diener.** 5520. Die Stammesgeschichte der Ammoniten im Lichte der Abstammungslehre Steinmann's.

**Douvillé.** 5531. Évolution et enchainement des foraminifères.

**Fischer.** 5579. Vorkommen von Jugendformen des *Ceratites compressus* (Sandb.) E. Phil. bei Würzburg.

**Frech.** 5588. Neuere Literatur über geologische Einflüsse auf Entwicklung und Untergang tierischer Arten.

———— 5591. Die Deszendenzlehre in der modernen Geologie.

**Gerth.** 5614. Phylogenie der Tubocorallier.

**Gilbert.** 5617. Ancestors of our whales. [Description of fossils found at Los Angeles, Cal.]

**Gill.** 5618. Origin of fresh-water faunas.

**Giuffrida-Ruggeri.** Die Entdeckungen Florentino Ameghinos und der Ursprung des Menschen.

**Gombocz.** 5626. Monographia generis *Populi*. (Hungarice.)

**Handlirsch.** Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Lfg 8-9 (Schluss). Leipzig, 1908.

**Huene.** 5719. Skizze zu einer Systematik und Stammesgeschichte der Dinosaurier.

**Jaekel.** 5731. Zu Gustav Steinmann's Geologischen Grundlagen der Abstammungslehre.

**Jeffrey.** 5737. Are there foliar gaps in the Lycopsida?

**Knapp.** 5767. Ueber die Entwicklung von *Oeymatoceras oxyptum* Qu.



**Lobley.** 5832. Biological change in geological time.

**Lull.** 5851. Phylogeny, taxonomy, distribution, habits and environment of the *Ceratopsia*.

————— 5852. The evolution of the elephant.

**Matthew.** 5872. Osteology of *Blasiotomyx* and phylogeny of the American *Cervidae*.

**Méhely.** 5876. *Prospalax prisceus* (Nhrig.), die pliocäne Stammform der heutigen *Spalax*-Arten. (Ungarisch.)

**Moodie.** 5901. The ancestry of the caudate Amphibia.

**Ortmann.** 5937. Origin of the deep-sea fauna.

**Osborn.** 5943. The four inseparable factors of evolution. Theory of their distinct and combined action in the transformation of the titanotheres, an extinct family of hoofed animals in the order Perissodactyla.

————— 5944. Coincident evolution through rectigradations and fluctuations.

————— Evolution of mammalian molar teeth to and from the triangular type, including collected and revised researches on trituberculy and new sections on the forms and homologies of the molar teeth in the different orders of mammals.

**Popescu-Voitesti.** 5993. Abnormale Erscheinungen bei Nummuliten.

**Reinhardt.** 6024. Vom Nebelfleck zum Menschen. Eine gemeinverständliche Entwicklungs-Geschichte des Naturgenzen nach den neuesten Forschungsergebnissen. [Bd 3:] Die Geschichte des Lebens der Erde. München, 1909 [1908].

**Schlosser.** 6070. Beitrag zur Osteologie und systematischen Stellung der Gattung *Necrolemur*, sowie zur Stammesgeschichte der Primaten überhaupt.

**Schmitt.** Das Zeugnis der Versteinerungen gegen den Darwinismus oder die Bedeutung der persistenten Lebensformen für Abstammungslehre und Apologetik. Freiburg i. Br., 1908.

**Schneider.** 6076. Das Grundproblem der Deszendenztheorie.

**Schulz.** 6083. Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Skandinaviens.

————— 6084. Die Entwicklungsgeschichte der recenten Moore Norddeutschlands.

**Schwalbe.** 6088. Ueber fossile Primaten und ihre Bedeutung für die Vorgeschichte des Menschen.

**Schwarz.** 6090. Wirbelsäule und die Rippen holospondyler Stegocephalen (*Lepospondyli* Zeit.).

**Staff.** 6141. Entwicklung der Fusuliniden.

**Steinmann.** Die geologischen Grundlagen der Abstammungslehre. Leipzig, 1908.

**Stromer.** 6176. Die Archaeoceti des ägyptischen Eozäns.

**Toucas.** 6186. Etudes sur la classification et l'évolution des *Radiolitidae*, 1<sup>re</sup> Partie.

**Waagen.** 6221. Die Entwicklungslehre und die Tatsachen der Paläontologie.

**Wilser.** 6258. Tierwelt und Erdalter. Entwicklungsgeschichtliche Betrachtungen. 8. Taus. Stuttgart, [1908].

**Woodward.** 6275. The relations of palaeontology to biology.

## 0210 FOSSILS OF INDETERMINATE BIOLOGICAL CHARACTER.

[Review of] Contribution to the geology and palaeontology of Vermont. By Henry M. Seely. [With special reference to *Cryptozoon*.] By C. W. W. J. Geol., Chicago, Ill., **16**, 1908, (85-86).

**S[eely].** 6098. *Cryptozoön*. Reply to the review of C. W. W.

## 0220 FOSSILISATION.

**Andrée.** 5292. Erhaltungszustand eines Goniatiten und einiger anderer Versteinerungen aus dem Banderz des Rammelsberger Kieslagers.

**Bassler.** 5321. The formation of geodes with remarks on the silicification of fossils.

**Clark, Mathews** [*et alii*]. Report on the physical features of Maryland, together with an account of the exhibits of Maryland mineral resources made by the Maryland geological survey. (Special Publication, Volume VI, Parts I and II.) Baltimore, 1906.

**Cockerell**. 5474. Florissant; a Miocene Pompeii.

**Collier**. 5480. The Arkansas coal-field.

**Gaudry**. 5607. Patagonia and Antarctica.

**Prouty**. 6007. The Meso-Silurian deposits of Maryland.

**Spencer**. 6138. [Replacement of bones by zinc and lead minerals.]

**Sternberg**. 6161. My expedition to the Kansas chalk for 1907.

**Udden**. 6198. Fossil tracks in the Del Rio clay.

**Walcott**. 6222. Cambrian sections of the Cordilleran area.

**Wilson**. 6259. A travertine deposit in Tippecanoe county, Indiana.

## PALAEOZOOLOGY.

## A. STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL  
STRATIGRAPHICAL  
POSITION.

38.1831 VERMES.

*i* AUSTRALASIA.*ik* New Zealand.**Bather.** 5325. The age of "the Mount-Torlesse Annelid."

38.2231 MOLLUSCA.

*d* EUROPE.*de* Germany.**Andrée.** 5292. Erhaltungszustand eines Goniatiten und einiger anderer Versteinerungen aus dem Banderz des Rammelsberger Kieslagerns.38.5631 REPTILIA AND  
BATRACHIA.**Broili.** 5374. Die rhachitomen Wirbel der Stegocephalen.

## 39 GENERAL.

39.0231 PALAEOZOOLOGIA  
GENERALIS.Types de prodrome de paléontologie stratigraphique universelle de d'Orbigny (suite) Ann. paléont., Paris, **2**, 1907, (89-96, 161-172; pag. spéc., 17-36); **3**, 1908, (25-40, 189-200; pag. spéc. 37-52, 53-64).**Branca.** 5364a. Fossile Flugtiere und Erwerb des Flugvermögens.**Koenen.** 5772. Small fossil shells preserved within the interior of larger ones and in the body-chamber of Cephalopods.**Rollet.** 6046. Les gisements fossilifères du bassin parisien (suite).**Valabiègue.** 6209. Sur la destruction des gisements fossilifères.*d* EUROPE.*de* German Empire.**Ruska.** Geologische Streifzüge in Heidelbergs Umgebung. Eine Einführung in die Hauptfragen der Geologie auf Grund der Bildungsgeschichte des oberrheinischen Gebirgssystems. Leipzig, 1908.*de* British Islands.**Salter.** 6059. The fossils of Torquay and its neighbourhood, and where to find them. London, 1903.**Sheppard.** 6109. Humber district geological notes.*di* Italy.**Trabucco.** 6190. Fossili, stratigrafia ed eta dei terreni della repubblica di San Marino.*e* ASIA.*eg* Malay Peninsula and Archipelago.**Boettger.** 5353. Liste der tertiären und jüngeren Versteinerungen von Timor, Rëndjuwa, Sumba, Saonèk bèsar und Misool.

**Penecke und Boehm.** 5967. Liste der permischen, jurassischen und cretaceischen Versteinerungen von Timor, Roté, Savu, Babar, Taliabo, Mangoli und Buru.

**Smith.** 6134. The geology of the Compostela-Danao coal field.

## g NORTH AMERICA.

### ga Alaska and Aleutian Islands.

**Kindle.** 5763. Geologic reconnaissance of the Porcupine valley, Alaska.

**Martin.** 5863. Geology and mineral resources of the Controller Bay region, Alaska.

**Prindle.** 6006. The Fairbanks and Rampart quadrangles, Yukon-Tanana region, Alaska; with a section on the Rampart placers by F. L. Hess and a paper on the water supply of the Fairbanks region by C. C. Covert.

### gg North Eastern United States.

**Hollick.** 5705. Drift bolders from the shore at Tottenville.

**Sears.** The physical geography, geology, mineralogy and paleontology of Essex county, Massachusetts. Salem, Mass., 1905.

### gh South Eastern United States.

**Shattuck.** 6106. The geology of St. Mary's county.

——— 6107. The geology of Calvert county.

### gi Western United States.

**Arnold.** 5307. Geological reconnaissance of the coast of the Olympic peninsula, Washington.

——— 5308. Geology and oil resources of the Summerland district, Santa Barbara county, California.

——— and **Anderson.** 5311. Geology and oil resources of the Santa Maria oil district, Santa Barbara county, California.

**Collier.** 5480. The Arkansas coal field.

**Darton.** 5503. Geology of the Big-horn mountains.

——— 5504. Geology and underground waters of the Arkansas valley in eastern Colorado.

**Eldridge and Arnold.** 5561. The Santa Clara valley, Puente hills and Los Angeles oil districts, southern California.

**Leith and Harder.** 5806. The iron ores of the Iron Springs district, southern Utah.

**Rowley.** 6052. The geology of Pike county.

**Woodruff.** 6273. The geology of Cass county, Nebraska. [Physiography; Topography; Natural divisions; Drainage; Stratigraphy; Mineral resources; Water resources; Climate: Paleontology.]

## h CENTRAL AND SOUTH AMERICA AND WEST INDIES.

### hb Central America.

**Howe.** 5710. The geology of the Isthmus of Panama.

### hi Argentina with Patagonia as a whole.

**Gaudry.** 5609. Fossiles de Patagonie; de l'économie dans la nature.

## 39.0431 PROTOZOA.

**Douvillé.** 5534. Évolution et enchainement des foraminifères.

——— 5539. Rectifications à la nomenclature de quelques Nummulites.

——— 5542. Sur la variation chez les Foraminifères du genre *Lepidocyclina*.

——— 5543. Sur des Lépidocyclines nouvelles.

**Friedberg.** 5596. L'importance des foraminifères en Géologie. (Polish.)

**Lemoine et Douvillé.** 5808. Sur le genre *Lepidocyclina* Gümbel.

**Schellwien.** 6067. Monographie der Fusulinen. Tl 1. Die Fusulinen des russisch-arktischen Meeresgebietes.

**Schubert.** 6078. Beiträge zu einer natürlicheren Systematik der Foraminiferen.

**Staff.** 6140. Schalenverschmelzungen und Dimorphismus bei Fusulinen.

——— 6141. Entwicklung der Fusuliniden.

**Winter.** 6261. Foraminifera (*Testacea reticulosa*) für 1896-1900.

*d* EUROPE.*dh* Italy.

**Silvestri.** 6118. II genere *Glandulonodosaria* Silv.

*e* ASIA.*eg* Malay Peninsula and Archipelago.

**Hinde.** 5691. Radiolaria from Triassic and other rocks of the Dutch East Indian Archipelago.

## 39.0831 COELENTERATA INCLUDING GRAPTOLITHOIDEA.

**Duerden.** 5548. The morphology of the Madreporaria.—VIII. The primary septa of the Rugosa.

**Faurot.** 5573. Relation entre le mode de développement des Tetracorallia et celui des Hexacorallia.

**Gerth.** 5314. Phylogenie der Tubocorallien.

**Laackmann.** 5782. Graptolitida für 1906 u. 1907.

**Römer.** 6040. Ctenophora, Siphonophora, Graptolitida für 1905.

## 39.1031 ECHINODERMATA.

**Jaekel.** 5729. Körperform der Holopocriniten.

**Strand.** 6173. Echinodermata (mit Einschluss der fossilen) für 1899, 1900, 1905 u. 1906.

——— und **Nägler.** 6174. Echinodermata (mit Einschluss der fossilen) für 1901–1904. [Jahresberichte.]

*f* AFRICA.*fh* Madagascar.

**Cottreau.** 5490. Paléontologie de Madagascar. VI. Les Echinides.

## 39.2031 BRACHIOPODA AND BRYOZOA.

**Canu.** 5411. Etude sur la répartition géologique des bryozoaires.

**Jakovlev.** 5732. Sur la fixation des coquilles de quelques Strophomenacea. (Russe.)

**Jakovlev.** 5733. Die Anheftung der Brachiopoden als Grundlage der Gattungen und Arten. (Russ.)

**Müller.** Zur Organisation der Craniiden. Diss. Berlin, 1908.

## 39.2231 MOLLUSCA.

**Diener.** 5520. Die Stammesgeschichte der Ammoniten im Lichte der Abstammungslehre Steinmann's.

**Douvillé.** 5535. Les Lamellibranches cavicoles ou Desmodontes.

**Koenen.** 5772. Small fossil shells preserved within the interior of larger ones and in the body-chamber of Cephalopods.

**Oppenheim.** 5935. Die Gattung *Campanile* Bayle und eine Anzahl von Cerithien, zumal des älteren Tertiär.

**Pilsbry.** 5983. The genus *Strobilops*.

**Plant.** 5985. The geological history of the mollusca.

**Repelin.** 6032. Sur les affinités zoologiques des genres *Lychnus* et *Anadolomus*.

**Simroth.** 6129. Neuere Arbeiten über die Verbreitung der Gastropoden.

**Sokolov.** 6135. Extrait des manuscrits de A. O. Michalski. (Russe.)

**Steinmann.** 6157. Rassenpersistenz bei Ammoniten.

**Tesch.** 6179. The behaviour of fossil shells in water containing carbonic acid. (English and Dutch.)

*d* EUROPE.*de* Germany.

**Voltz.** 6218. Molluskenfauna des Ober-Elsass. (Wie und wann ist *Viripara fasciata* Müll. in die Ill gekommen? Fossile Schnecken und Muscheln der Umgebung von Mülhausen.)

*de* British Isles.

**Pocock, Barrow, Gibson, Wedd and Howe.** 5987. The geology of the country around Macclesfield, Congleton, Crewe and Middlewich, with notes on fossils by E. T. Newton.

*dl* Balkan Peninsula (Turkey in Europe).

**Vetters.** 6212. Beiträge zur geologischen Kenntniss des nördlichen Albaniens.

*e* ASIA.*eg* Malay Peninsula and Archipelago.

**Boehm.** 5348. Zur Geologie des indo-australischen Archipels. II. *Macrocephalites* und die Längen seiner letzten Wohnkammer.

*i* AUSTRALASIA.*ia* New Guinea.

**Boehm.** 5348. Zur Geologie des indo-australischen Archipels. II. *Macrocephalites* und die Längen seiner letzten Wohnkammer.

## 39.2431 ARTHROPODA, INCLUDING INSECTA.

**Handlirsch.** 5659. [Einige vom tiergeographischen Standpunkt interessante fossile Insekten.]

———— Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Lfg 8-9 (Schluss). Leipzig, 1908.

**Meunier.** 5888. Un nouveau Protoblatinid du Stéphanien de Commeny.

**Pax.** 5960. Fossile Insekten. Jahresbericht für 1906.

*d* EUROPE.*dk* Austria-Hungary.

**Pax.** 5959. Einige fossile Insekten aus den Karpathen.

## 39.2631 CRUSTACEA.

**Allix.** 5288. Sur les Ostracodes fossiles et leur recherche.

**Fritel.** 5598. Les Crabes fossiles de France.

*d* EUROPE.*df* France.

**Alessandri (De).** Contribuzione allo studio dei cirripedi fossili della Francia. Milano, 1907.

## 39.3031 ARACHNIDA.

**Arltdt.** 5300. Die Ausbreitung einiger Arachnidenordnungen. (Mygalomorphen, Skorpione, Pedipalpen, Solifugen, Palpigraden.)

## 39.5231. VERTEBRATA.

**Abel.** 5271. Die Anpassungsformen der Wirbeltiere an das Meeresleben.

———— 5275. Angriffswaffen und Verteidigungsmittel fossiler Wirbeltiere.

**Hermann.** 5680. Modern methods of excavating, preparing and mounting fossil skeletons.

**Huene.** 5711. Paläontologisches.

**Schwarz.** 6089. Morphogenie der Wirbelsäule der Tetrapoden.

*g* NORTH AMERICA.*gg* North Eastern United States.

**Case.** 5422. On the value of evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

*gi* Western United States.

**Case.** 5422. Value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

**Sternberg.** 6160. Animals discovered in the fossil beds of Kansas.

## 39.5431 PISCES.

**Dean.** 5508. Studies on fossil fishes during the year 1907.

**Hussakof.** 5721. Catalogue of types and figured specimens of fossil vertebrates in the American museum of natural history.

**Priem.** Etude des poissons fossiles du bassin parisien. Paris, 1909.

**Woodward.** 6278. The study of fossil fishes.

*d* EUROPE.*dd* Belgium.

**Leriche.** 5811. Contribution à l'étude des poissons fossiles du nord de la France et des régions voisines.

*df* France.

**Leriche.** 5811. Contribution à l'étude des poissons fossiles du nord de la France et des régions voisines.

## 39.5631 REPTILIA AND BATRACHIA.

**Abel.** 5269. Bau und Lebensweise der Flugsaurier.

**Abel.** 5270. The genealogical history of the marine animals. [Transl.]

**Arlt.** 5304. Theromorphe Reptilien.

**Branca.** 5364A. Fossile Flugtiere und Erwerb des Flugvermögens.

**Hay.** 5670. The habits and the pose of the sauropodous dinosaurs, especially of *Diplodocus*.

**Huene.** 5713. Ein Beitrag zur Beurteilung der Sacralrippen.

——— 5714. Beiträge zur Lösung der Praepubisfrage bei Dinosauriern und anderen Reptilien.

——— 5715. Zur Beurteilung der Sauropoden.

——— 5719. Skizze zu einer Systematik und Stammesgeschichte der Dinosaurier.

**Lull.** 5853. The cranial musculature and the origin of the frill in the ceratopsian dinosaurs.

**Moodie.** 5901. The ancestry of the caudate Amphibia.

——— 5902. The clasping organs of extinct and recent Amphibia.

**Nopcsa.** 5925. Zur Kenntnis der fossilen Eidechsen.

**Schwarz.** 6090. Wirbelsäule und Rippen holospondyler Stegocephalen (*Lepospondyli* Zitt.).

#### g NORTH AMERICA.

**Williston.** 6256. North American plesiosaurs. *Trinacromerum*.

#### gf United States as a whole.

**Hay.** 5672. The fossil turtles of North America.

#### 39.5831. AVES.

#### l ATLANTIC.

#### la North Atlantic Ocean.

**Mowbray.** 5908. The cahow: Discovery in Bermuda of fossil bones and feathers supposed to belong to the extinct bird called "cahow" by the early settlers.

#### 39.6031 MAMMALIA.

**Abel.** 5268. Die Anfänge des Säugetierstammes.

——— 5270. The genealogical history of the marine mammals. [Transl.]

**Abel.** 5272. Die Morphologie der Hüftbeinrudimente der Cetaceen.

**Arlt.** 5301. Die Heimat der Elefanten.

**Broom.** 5379. Origin of mammals.

**Fabani.** L'antichità del genere umano. Roma, 1906-1907.

**Giuffrida-Ruggeri.** 5622b. Die Entdeckungen Florentino Ameghino und der Ursprung des Menschen.

**Lull.** 5852. The evolution of the elephant.

**Osborn.** Evolution of mammalian molar teeth to and from the triangular type, including collected and revised researches on trituberculy and new sections on the forms and homologies of the molar teeth in the different orders of mammals.

#### d EUROPE.

#### df France.

**Depéret.** 5513. Études paléontologiques sur les *Lophiodon* du Minervois.

#### f AFRICA.

#### fh Madagascar.

**Boule.** 5358. Lémuriens et Lémurie

#### g NORTH AMERICA.

#### gi Western United States.

**Holland.** 5704. A new species of the genus *Moropus*.

#### h CENTRAL AND SOUTH AMERICA.

**Arlt.** 5303. Über die jüngeren Formationen Argentinien und Südamerika als Entwicklungszentrum der Säugetiere.

#### hi Patagonia.

**Gaudry.** 5609. Fossiles de Patagonie. De l'économie dans la nature.

#### 45 PALAEOZOIC (GENERAL).

#### 45.0231 PALAEOZOOLOGIA GENERALIS.

#### d EUROPE.

#### dc German Empire.

**Walther.** 6224. Beiträge zur Geologie und Paläontologie des älteren Paläozoicums in Ostthüringen.

*c* ASIA.*cb* China.

Willis, Blackwelder and Sargent. 6252. Research in China. Vol. I, Part 1. Descriptive topography and geology.

*g* NORTH AMERICA.*ga* Alaska and Aleutian Islands.

Brooks and Kindle. 5378. Paleozoic and associated rocks of the Upper Yukon, Alaska.

*gf* United States as a whole.

Bassler. 5320. The Nettelroth collection of invertebrate fossils [chiefly from Palaeozoic strata outcropping in the vicinity of Louisville, Ky.].

*gg* North Eastern United States.

Edson. 5554. Geology of the town of Swanton.

Perkins. 5973. The geology of Franklin county.

———. 5974. The geology of Chittenden county.

*gi* Western United States.

Darton. 5565. Paleozoic and Mesozoic of central Wyoming.

Lee. 5804. The lower Paleozoic rocks of central New Mexico.

Richardson. 6037. Paleozoic formations in trans-Pecos Texas.

45.0831 *CŒLEENTERATA, INCLUDING GRAPTOLITHOIDEA.**g* NORTH AMERICA.*gg* North-Eastern United States.

Richardson. 6036. The geology of Newport, Troy and Coventry.

Ruedemann. 6053. Graptolites of New York. Part 2. Graptolites of the higher beds.

45.2231 *MOLLUSCA.*

Williams. 6250. Revision of the mollusk genus *Pterinea* Goldfuss.

45.2631 *CRUSTACEA.**g* NORTH AMERICA.

Ulrich and Bassler. 6202. New American Paleozoic Ostracoda. Preliminary revision of the *Begrichiidae*, with descriptions of new genera.

45.2831 *XIPHOSURA, EURIPTERIDA, TRILOBITA, ETC.*

Vogdes. 6216. The genus *Encrinurus*: Its history, its species, its proper division in the family of trilobites.

## 50 LOWER PALAEOZOIC.

50.0231 *PALAEOZOOLOGIA GENERALIS.**d* EUROPE.*de* British Isles.

Green and Sherborn. 5641. List of Wenlockian fossils from Porthluney, Cornwall; Ludlowian fossils from Porthalla; and Tausniasian fossils from Polyne Quarry, near Looe (Cornwall).

Wood. 6271. The Tarannon series of Tarannon.

*g* NORTH AMERICA.

Kindle. 5761. Occurrence of the Silurian fauna in western America.

*gg* North Eastern United States.

Cleland. 5457. Notes on the Calciferous (Beekmantown) formation of the Mohawk valley, with descriptions of new species.

Cumings. 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

Edson. 5553. The geology of St. Albans and vicinity.

Hartnagel. 5664. Geologic map of the Rochester and Ontario beach quadrangles.

Savage. 6063. Lower Paleozoic stratigraphy of southwestern Illinois.

Stose. 6172. The Cambro-Ordovician limestones of the Appalachian valley in southern Pennsylvania.

*gh* South Eastern United States.

Prouty. 6007. The Meso-Silurian deposits of Maryland.

50.0631 *PORIFERA.*

[Review of] Contribution to the geology and paleontology of Vermont. By Henry M. Seely. [With special reference to *Cryphozoon*.] By C. W. W. J. Geol., Chicago, Ill., 16, 1908, (85-86).



**Seely.** 6097. Stellae and rhabdoliths of the genus *Strephochetus*.

——— 6098. *Cryptozöon*. Reply to the review of C. W. W.

*g* **NORTH AMERICA.**

*gg* **North Eastern United States.**

**Cummings.** 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

**50.0831 COELENTERATA.**

**Carruthers.** 5420. The primary septal plan of the Rugosa.

**Ellis and Wood.** 5562. A monograph of British graptolites. Part V.

**Herrmann.** 5684. Wichtige neue Fossilfunde bei Marburg.

**Törnquist.** 6184. The genus *Rastrites* and some allied species of *Monograptus*.

*d* **EUROPE.**

*dc* **German Empire.**

**Eisel.** 5557. Verdrückungen thüringisch-sächsischer Graptolithenformen.

*dl* **Balkan Peninsula.**

**Allahverdijew.** 5287. Contribution à l'étude du système silurien en Bulgarie.

*do* **Baltic.**

**Rothpletz.** 6050. Ueber Algen und Hydrozoen im Silur von Gotland und Oesel.

**Wiman.** 6260. Studien über das nordbaltische Silurgebiet. 2.

*g* **NORTH AMERICA.**

*gg* **North Eastern United States.**

**Cummings.** 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

**Ruedemann.** 6053. Graptolites of New York. Part 2. Graptolites of the higher beds.

*h* **CENTRAL AND SOUTH AMERICA.**

*hg* **Bolivia.**

**Wood.** 6272. Graptolites from Bolivia, collected by Dr. J. W. Evans in 1901-1902.

(K-4794)

**AUSTRALASIA.**

*ie* **New South Wales.**

**Shearsby.** 6108. The operculate *Madreporaria Rugosa* from Yass.

**50.1031 ECHINODERMATA.**

**Bather.** 5326. The species of *Botryocerinus*.

*g* **NORTH AMERICA.**

*gg* **North Eastern United States.**

**Cummings.** 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

**Slocum.** 6132. New crinoids from the Chicago area.

*gi* **Western United States.**

**Sardeson.** 6060. Discoid crinoidal roots and *Camarocerinus*.

*h* **CENTRAL AND SOUTH AMERICA.**

**Newton.** 5921. Fossils from the Falkland Islands brought home by the Scottish National Antarctic Expedition in 1904.

**50.1831 VERMES.**

**Cummings.** 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

**50.2031 BRACHIOPODA AND BRYOZOA.**

**Walcott.** 6222. Cambrian geology and paleontology. No. 4. Classification and terminology of the Cambrian Brachiopoda.

*d* **EUROPE.**

**Walcott.** 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species.

*da* **Scandinavia.**

**Hennig.** 5676. The Silurian Bryozoa of Gotland. 3. (Swedish.)

*dbc* **Central Russia.**

**Schmidt.** 6072. Zur Kenntniss der ostbaltischen, vorzüglich untersilurischen, Brachiopoden der Gattungen *Plectambonites* Pand., *Leptaena* Dalm. und *Strophomena* Blainv.

*do* Baltic.

Wiman. 6260. Studien über das nordbaltische Silurgebiet. 2.

*c* Asia*cb* China.

Walcott. 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species.

*g* NORTH AMERICA.

Walcott. 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species.

*gg* North Eastern United States.

Cleland. 5457. Further note on the Calciferous (Beekmantown) formation of the Mohawk valley, with descriptions of new species.

Cummings. 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

*gi* Western United States.

Rowley. 6052. The geology of Pike county.

*h* CENTRAL AND SOUTH AMERICA AND WEST INDIES.

Newton. 5921. Fossils from the Falkland Islands brought home by the Scottish National Antarctic Expedition in 1901.

*i* AUSTRALASIA.*ig* South Australia.

Walcott. 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species.

## 50.2231 MOLLUSCA.

*d* EUROPE.*de* British Isles.

Reed. 6015. Sedgwick Museum notes. New fossils from the Haverford-west District.

*dk* Austria-Hungary.

Zelizko. 6301. Stellung der Hyolithen in der Paläontologie.

*do* Baltic and Islands.

Wiman. 6260. Studien über das nordbaltische Silurgebiet. 2.

*g* NORTH AMERICA.

Raymond. 6012. The Gastropoda of the Chazy formation.

*gg* North Eastern United States.

Cleland. 5457. Notes on the Calciferous (Beekmantown) formation of the Mohawk valley, with description of new species.

Cummings. 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

## 50.2631 CRUSTACEA.

Cleland. 5457. Notes on the Calciferous (Beekmantown) formation of the Mohawk valley, with description of new species.

Cummings. 5490. The stratigraphy and paleontology of the Cincinnati series of Indiana.

## 50.2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

Mordziol. 5905. *Agnostus pisi-formis* L.

*d* EUROPE.*de* BRITISH ISLES.

Lake. 5785. A monograph of the British Cambrian Trilobites. Part I.

Reed. 6016. The lower palaeozoic Trilobites of the Girvan district, Ayrshire. Part III.

*do* Baltic and Islands.

Wiman. 6260. Studien über das nordbaltische Silurgebiet. 2.

*g* NORTH AMERICA.

Raymond and Narraway. 6013. Ordovician trilobites: *Ilacnidae* from the Black river limestone near Ottawa, Canada.

*gd* Canadian Dominion East

Walcott. 6222. Cambrian geology and paleontology. No. 2. Cambrian trilobites.

*gg* **North Eastern United States.**

**Cleland.** 5457. Notes on the Calciferous (Beekmantown) formation of the Mohawk valley, with descriptions of new series.

**Cummings.** 5496. The stratigraphy and paleontology of the Cincinnati series of Indiana.

*gi* **Western United States.**

**Walcott.** 6222. Cambrian geology and paleontology. No. 2. Cambrian trilobites.

*h* **CENTRAL AND SOUTH AMERICA.***hg* **Bolivia.**

**Lake.** 5784. Trilobites from Bolivia, collected by Dr. J. W. Evans in 1901-1902.

**55 UPPER PALAEOZOIC.****55.0131 FOSSILIA AFFINITATIS  
VEL ORIGINIS INCERTAE.***d* **EUROPE.***dc* **German Empire.**

**Pabst.** 5949. Die Tierfährten in dem Rotliegenden „Deutschlands.“

**55.0231 PALAEOZOOLOGIA  
GENERALIS.**

**Hind** and **Stobbs.** 5690. The carboniferous succession below the coal-measures in North Shropshire, Derbyshire and Flintshire.

*d* **EUROPE.***dc* **German Empire.**

**Pabst.** 5949. Die Tierfährten in dem Rotliegenden „Deutschlands.“

**Schmidt.** 6073. Die Fauna der Siegerer Schichten des Siegerlandes, wesentlich nach den Aufsammlungen in den Sommern 1905 und 1906.

*dd* **Holland and Belgium.**

**Renier.** 6027. La faune [et la flore] du terrain houiller inférieur de Baudour (Hainaut).

*de* **British Isles.**

**Hind.** 5688. Life-zones in the British carboniferous rocks.

(κ-4794)

*dh* **Italy.**

**Gortani.** 5629. Sopra l'esistenza del Devoniano inferiore fossilifero nel versante inferiore delle Alpi Carniche.

*e* **ASIA.***ef* **British India.**

**Koken.** 5776. Indisches Perm und die permische Eiszeit.

*eg* **Malay Peninsula.**

**Boehm.** 5348. Zur Geologie des indo-australischen Archipels.

————— 5349. Geologische Mitteilungen aus dem Indo-Australischen Archipel. VI. a) Vorjurassische Brachiopoden von Ambon, b) Jüngerer Paläozoicum von Timor.

*j* **AFRICA AND MADAGASCAR.***jh* **Madagascar and Comoro  
Group.**

**Boule.** 5357. L'existence d'une faune et d'une flore permienne à Madagascar.

*g* **NORTH AMERICA.**

**Walcott.** 6222. Cambrian sections of the Cordilleran area. [With bibliography.]

*gd* **Canadian Dominion East.**

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

*gf* **United States as a whole.**

**Leuchs.** 5820. Ueber einige Invertebraten aus dem Perm von Texas.

*gg* **North Eastern United States.**

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

————— and **Luther.** 5455. Geologic map and descriptions of the Portage and Nunda quadrangles, including a map of Letchworth park; accompanied by a report of the Pleistocene history of the Genesee valley by Herman L. Fairchild.

**Stauffer.** 6146. The Devonian section on Ten Mile creek, Lucas county, Ohio.

*gh* South Eastern United States.

**Prouty.** 6007. The Meso-Silurian deposits of Maryland.

**Swartz.** 6178. The succession of faunas in the Portage and Chemung formations of Maryland.

*gi* Western United States.

**Girty.** 5621. Marine Carboniferous fossils from the coal fields of Arkansas.

————— 5622. The Guadalupian fauna.

**Henderson.** 5675. The Red Beds of northern Colorado.

**Kindle.** 5762. The fauna and stratigraphy of the Jefferson limestone in the northern Rocky mountain region.

*h* CENTRAL AND SOUTH AMERICA AND WEST INDIES.*hg* Bolivia.

**Knod.** 5768. Devonische Faunen Boliviens.

## 55.0431 PROTOZOA.

**Staff.** 6141. Entwicklung der Fusuliniden.

*d* EUROPE.*de* German Empire.

**Langenhan.** 5798. Zechstein-Versteinerungen Schlesiens und Thüringens.

*dh* Italy.

**Gortani.** 5631. Contribuzioni allo studio del Paleozoico carnico. 2. Fauna devoniana.

*dk* Austria-Hungary.

**Schubert.** 6079. Zur Geologie des österreichischen Velebit.

*g* NORTH AMERICA.*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

## 55.0631 PORIFERA.

*g* NORTH AMERICA.*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

**Girty.** 5622A. New and old species of Carboniferous fossils.

## 55.0831 COELENTERATA.

**Carruthers.** 5420. The primary septal plan of the Rugosa.

**Rowley.** 6052. The geology of Pike county.

*d* EUROPE.*de* German Empire.

**Erdmannsdörffer.** 5566. Quarz-kristalle mit Fossilresten aus dem westfälischen Massenkalk.

*de* British Isles.

**Matley.** 5869. The carboniferous rocks at Rush (Co. Dublin). With an account of the faunal succession and correlation, by A. Vaughan.

**Sibly.** 6116. The carboniferous limestone (Avonian) of the Mendip area (Somerset), with special reference to the Palaeontological sequence.

**Vaughan.** 6210. The carboniferous limestone series (Avonian) of the Avon gorge.

*dh* Italy.

**Vinassa de Regny.** 6214. Graptoliti carnice. Milano, 1907.

*e* ASIA.*eac* Central Asiatic Russia.

**Gröber.** 5647. Ueber die Faunen des untercarbonischen Transgressionsmeeres des zentralen Tian-schan, die in der Umgebung des Sartdschol-Passes gefunden worden sind.

*eg* Malay Peninsula.

**Penecke.** 5965. *Verbeekiella* nom. nov. (Synonymische Bemerkung.)

————— 5966. Ueber eine neue Korallengattung aus der Permformation von Timor.

*g* NORTH AMERICA.*gd* Canadian Dominion East.

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

*gg* North Eastern United States.

**Ruedemann.** 6053. Graptolites of New York. Part 2. Graptolites of the higher beds.

*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

*h* CENTRAL AND SOUTH AMERICA.*hg* Bolivia.

**Knod.** 5768. Devonische Faunen Boliviens.

## 55.1031 ECHINODERMATA.

**Bather.** 5326. The species of *Botryocrinus*.

——— 5327. Genus: *Schizoblastus* Etheridge & Carpenter.

**Boehm.** 5349. Geologische Mitteilungen aus dem Indo-Australischen Archipel. VI a). Vorjurassische Brachiopoden von Ambon, b) Jüngerer Paläozoicum von Timor.

[**Clarke.**] 5453. A Devonian brittlestar.

**Knod.** 5768. Devonische Faunen Boliviens.

*d* EUROPE.*de* British Islands.

**Matley.** 5869. The carboniferous rocks at Rush (Co. Dublin). With an account of the faunal succession and correlation, by A. Vaughan.

*dh* Italy.

**Gortani.** 5631. Contribuzioni allo studio del Paleozoico. 2. Fauna devoniana.

*g* NORTH AMERICA.*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

**Rowley.** 6052. The geology of Pike county.

## 55.1831 VERMES.

*g* NORTH AMERICA.*gd* Canadian Dominion East.

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

## 55.2031 BRACHIOPODA AND BRYOZOA.

**Greene.** 5642. Development of a carboniferous brachiopod, *Chonetes granulifer* Owen.

**Knod.** 5768. Devonische Faunen Boliviens.

*d* EUROPE.*de* German Empire.

**Eisel.** 5556. Varianten des *Productus horridus* Sowerby, bei Gera.

**Langenhan.** 5798. Zechstein-Versteinerungen Schlesiens und Thüringens. II-VI.

*de* British Islands.

**Matley.** 5869. The carboniferous rocks at Rush (Co. Dublin). With an account of the faunal succession and correlation, by A. Vaughan.

**Sibly.** 6116. The carboniferous limestone (Avonian) of the Mendip area (Somerset), with special reference to the palaeontological sequence.

**Vaughan.** 6210. The carboniferous limestone series (Avonian) of the Avou gorge.

*dh* Italy.

**Airaghi.** 5280. Fossili permiani dei dintorni di Recoaro.

**Gortani.** 5631. Contribuzioni allo studio del Paleozoico carnico. 2. Fauna devoniana. 3. La fauna a Clymenie del Monte Primosio.

*eac* Central Asiatic Russia.

**Gröber.** 5647. Die Faunen des untercarbonischen Transgressionsmeeres des zentralen Tian-schan, die in der Umgebung des Sartdschol-Passes gefunden worden sind.

*eg* Malay Archipelago.

**Boehm.** 5348. Zur Geologie des indo-australischen Archipels.

**Boehm.** 5349. Geologische Mitteilungen aus dem Indo-Australischen Archipel. VI. a) Vorjurassische Brachiopoden von Ambon, b) Jüngerer Paläozoicum von Timor.

*f* **AFRICA.**

*ff* **South Africa.**

**Reed.** 6014. Sedgwick Museum notes. New fossils from the Bokkeveld Beds, South Africa.

————— 6017. New fossils from the Bokkeveld Beds.

*g* **NORTH AMERICA.**

*gd* **Canadian Dominion East.**

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

*gi* **United States as a whole.**

**Girty.** 5622a. New and old species of carboniferous fossils.

*gij* **North Eastern United States.**

**Hyde.** 5722. *Camarophorella*, a Mississippian meristelloid brachiopod.

**Williams.** 6249. The Dalmanellas of the Chemung formation, and a closely related new brachiopod genus *Thicmella*.

*gjh* **South Eastern United States.**

**Swartz.** 6178. The succession of faunas in the Portage and Chemung formations of Maryland.

*gji* **Western United States.**

**Girty.** 5622. The Guadalupian fauna.

**Greger.** 5643. A new Devonian brachiopod retaining the original color markings.

**Kindle.** 5762. The fauna and stratigraphy of the Jefferson limestone in the northern Rocky mountain region.

**Rowley.** 6052. The geology of Pike county.

*k* **ARCTIC.**

*kc* **Archipelago North of North America.**

**Whitfield.** 6244. Carboniferous fossils [Brachiopoda] and semifossil shells [*Astarte borealis* and *Saxicava rugosa*], brought home by members of the Peary expedition of 1905-1906.

**55.2231 MOLLUSCA.**

**Boehm.** 5349. Geologische Mitteilungen aus dem Indo-Australischen Archipel. VI. a) Vorjurassische Brachiopoden von Ambon, b) Jüngerer Paläozoicum von Timor, c) Jura von Roti, Timor, Babar und Buru.

**Donald.** 5526. The genera *Omo-spira*, *Lophospira* and *Turritoma*; with descriptions of new proterozoic species.

**Gortani.** 5631. Contribuzioni allo studio del Paleozoico Carnico. 2. Fauna devoniana. 3. La fauna a Clymenie del Monte Primosio.

**Hind.** 5689. Characters of the hinge-plate in *Ariculopecten semicostatus* Portlock, sp.

**Knod.** 5768. Devonische Faunen Boliviens.

*d* **EUROPE.**

*dbe* **Central Russia.**

**Černov.** 5433. L'étage d'Artinsk. I. Ammonioïlés des bassins de Jaïva, de Kosva et de Tchousovaïa. I. (Russe.)

*dce* **German Empire.**

**Andrée.** 5291. Vorkommen von *Nautilus culmensis* in der Culmgrauwacke des Oberharzes bei Wildemann.

**Koenen.** 5773. *Anthracosia* und *Palaeonodonta*.

**Schmidt.** 6071. Oberkarbonische und permische Zweischaler aus dem Gebiet der Saar und Nahe.

**Wedekind.** 6235. Die Cephalopodenfauna des höheren Oberdevon am Enkeberge.

*de* **British Isles.**

**Stobbs.** 6163. The value of fossil mollusca in coal-measure stratigraphy.

**Watson.** 6231. *Anthracomya* in the Radstock coal-measures.

*dh* Italy.

**Airaghi.** 5280. Fossili permiani dei dintorni di Recoaro.

*dk* Austria-Hungary.

**Spitz.** 6139. Die Gastropoden des karnischen Unterdevon.

*e* ASIA.*f* AFRICA.*fg* South Africa.

**Reed.** 6014. Sedgwick Museum notes. New fossils from the Bokkeveld Beds, South Africa.

————— 6017. New fossils from the Bokkeveld Beds.

*g* NORTH AMERICA.*gd* Canadian Dominion East.

**Clarke.** 5454. Early Devonian history of New York and eastern North America.

*gh* South Eastern United States.

**Swartz.** 6178. The succession of faunas in the Portage and Chemung formations of Maryland.

*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

————— 5622a. New and old species of carboniferous fossils.

**Henderson.** 5675. The Red Beds of northern Colorado.

**Rowley.** 6052. The geology of Pike county.

## 55.2431 ARTHROPODA, INCLUDING INSECTA.

**Handlirsch.** Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Lfg 8-9 (Schluss). Leipzig, 1908.

*d* EUROPE.*de* German Empire.

**Schuster.** 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

*de* British Islands.

**Woodward.** 6283. A fossil insect from the coal-measures of Longton, North Staffordshire. [*Homoioptera*.]

*df* France.

**Leriche.** 5816. *Archymylacris desaillyi* n. sp., le premier insecte trouvé dans le bassin houiller du Nord et du Pas-de-Calais.

**Meunier.** 5889. Deux nouvelles Blattides du Stéphanien de Commentry Allier.

————— 5891. Nouveaux Paléodictyoptères du Stéphanien de Commercy et 2<sup>e</sup> note].

————— 5892. Nouveaux Mégasécoptéridés et nouveau Paléodictyoptère de Commentry.

————— 5893. Quatrième note sur les nouveaux insectes du Stéphanien de Commentry.

## 55.2631 CRUSTACEA.

*d* EUROPE.*de* British Isles.

**Baldwin.** 5314. *Prestwichia anthrax* and *Belimurus lunatus* from Sparth Bottoms, Rochdale (Lancs.).

**Peach.** 5962. Abstract of opening address, the higher crustacea of the carboniferous rocks of Scotland.

*g* NORTH AMERICA.*gi* Western United States.

**Girty.** 5622. The Guadalupian fauna.

## 55.2831 NIPHOSSURA, EURIPTERIDA, TRILOBITA.

**Gortani.** 5631. Contribuzione allo studio del Paleozoico carnico. 2. Fauna devoniana.

**Knod.** 5768. Devonische Faunen Boliiviens.

*d* EUROPE.*de* German Empire.

**Herrmann.** 5683. Neue Fossilfunde in Hessen.

**Richter.** Zur Kenntnis devonischer Trilobiten aus dem Rheinischen Schiefergebirge. Diss. Marburg, 1909.

**Zimmermann.** 6303. Das Palaeozoicum bei Görlitz und die Auffindung devonischer Trilobiten daselbst.

*dh* **Italy.**

**Gortani.** 5630. 3. La fauna a Clymenie del Monte Primosio.

*g* **NORTH AMERICA.**

*gd* **Canadian Dominion East.**

**Clarke.** 5154. Early Devonic history of New York and eastern North America.

*gi* **Western United States.**

**Girty.** 5622. The Guadalupian fauna.

**Rowley.** 6052. The geology of Pike county.

55.3031 **ARACHNIDA.**

*d* **EUROPE.**

*de* **British Isles.**

**Baldwin.** 5313. Palaeontology of Sparth Bottoms (Lanes.).

55.5231 **VERTEBRATA.**

**Moodie.** 5903. The dawn of quadrupeds in North America.

*g* **NORTH AMERICA.**

*gi* **North Eastern United States.**

**Case.** 5121. The vertebrates from the Permian bone bed of Vermilion county, Illinois.

*gi* **Western United States.**

**Case.** 5125. A great Permian delta and its vertebrate life, with restorations by the author.

**Cummins.** 5497. The localities and horizons of Permian vertebrate fossils in Texas.

55.5431 **PISCES.**

**Branson.** 5366. *Cladodus compressus*, a correction.

——— 5368. *Dinichthys terrelli* Newberry, with a restoration.

**Missunianka.** 5899. Sur une nouvelle espèce d'*Edestus*, trouvée dans le calcaire houiller aux environs de Kolomna, gouv. de Moscou. (Polish.)

**Traquair.** 6193. Fossil fish-remains from the Old Red Sandstone of Shetland.

*d* **EUROPE.**

*de* **German Empire.**

**Jaekel.** 5730. Neue Funde von Wirbeltieren aus Deutschlands Urzeit.

*de* **British Isles.**

**Traquair.** 6191. A new palaeoniscid fish from the base of the Pendleside series near Holywell (Flint).

——— 6192. A monograph of the fishes of the old red sandstone of Britain. Part II. No. 3. The *Asterolepidae*.

**Wellburn.** 6238. Fish-fauna of the lower carboniferous rock of Yorkshire.

**Woodward.** 6276. *Myriolepis hibernica*. A palaeoniscid fish from the Irish coal-measures.

*g* **NORTH AMERICA.**

*gi* **North Eastern United States.**

**Branson.** 5367. *Dinichthys intermedius* Newberry from Huron shale.

**Eastman.** 5551. Devonian fishes of Iowa. With special description of the auditory organ and other soft parts of *Rhadinichthys deani* Eastman sp. n. by G. H. Parker.]

——— 5552. Notice of a new coelacanth fish from the Iowa Kinderhook.

55.5631 **REPTILIA AND BATRACHIA.**

**Broili.** 5373. Systematische und biologische Bemerkungen zu der permischen Gattung *Lysorophus*.

**Broom.** 5381. South African Dinosaur. (*Hortatotarsus*.)

——— 5385. The inter-relationship of the known Therocephalian genera. (Therocephalia.)

**Case.** 5423. The skull of *Lysorophus tricarinatus* Cope [showing amphibian nature].



**Huene.** 5717. Neue und verkannte Pelycosaurier-Reste aus Europa.

————— 5718. *Callibrachion*.

**Moodie.** 5904. *Dissorophus*. A correction. [*D. articulatus* synonym of *D. multicinctus*.]

**Schwarz.** 6090. Wirbelsäule und Rippen holospondyler Stegocephalen (*Lepospondyli* Zitt.).

**Williston.** 6253. *Lysorophus*, a Permian urodele.

————— 6254. The Cotylosauria.

————— 6255. "The oldest known reptile."—*Isodectes punctulatus* Cope.

————— A new group of Permian amphibians [for *Lysorophus tricarinatus*].

*d* **EUROPE.**

*de* **German Empire.**

**Pabst.** 5948. Tierfährten in dem Rotliegenden „Deutschlands“. IV.

*f* **AFRICA.**

*fg* **South Africa.**

**Broom.** 5382. Permian and triassic faunas of South Africa.

————— 5386. A new Labyrinthodont, *Rhinosuchus whaitsi*, from the Permian beds of South Africa. [Labyrinthodontia.]

*g* **NORTH AMERICA.**

*gg* **North Eastern United States.**

**Case.** 5422. Value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

————— 5424. Vertebrate fossils from the vicinity of Pittsburgh, Pennsylvania. [Bones and fragments of Amphibia and Reptilia from the Pennsylvania formation. (Carboniferous.)]

*gi* **Western United States.**

**Broili.** 5375. Ein montiertes Skelett von *Labidosaurus hamatus* Cope, einem Cotylosaurier aus dem Perm von Texas.

**Case.** 5422. Value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

**Matthew.** 5871. A four-horned pelycosaurian from the Permian of Texas.

**60 MESOZOIC (GENERAL).**

**60.0231 PALAEOZOOLOGIA GENERALIS.**

**Woodward.** 6279. Visit to the British Museum (Natural History).

*d* **EUROPE.**

*dh* **Italy.**

**Principi.** 6005. Cenni geologici sul Monte Malbe, presso Perugia.

*g* **NORTH AMERICA.**

*ga* **Alaska.**

**Brooks and Kindle.** 5378. Paleozoic and associated rocks of the Upper Yukon, Alaska.

*gi* **Western United States.**

**Darton.** 5505. Paleozoic and Mesozoic of central Wyoming.

*h* **CENTRAL AND SOUTH AMERICA.**

*hi* **Patagonia.**

**Haupt.** 5667. Beiträge zur Fauna des oberen Malm und der unteren Kreide in der argentinischen Cordillere.

**60.0431 PROTOZOA.**

*e* **ASIA.**

*ed* **French Indo-China.**

**Douvillé.** 5533. Les calcaires à Fusulines de l'Indo-Chine.

**60.0831 COELENTERATA.**

**Vadász.** 6207. Fossile Korallenriffe. (Ungarisch.)

**60.2231 MOLLUSCA.**

**Knapp.** 5767. Entwicklung von *Oxynticeras oxyntotum* Qu.

**Tili.** 6183. Die fossilen Cephalopodengebisse.

*e* **ASIA.**

*eg* **Malay Archipelago.**

**Newton.** 5922. Fossils from Singapore discovered by John B. Scrivenor, Geologist to the Federated Malay States.

*h* SOUTH AMERICA.*hi* Patagonia.

**Haupt.** 5667. Beiträge zur Fauna des oberen Malm und der unteren Kreide in der argentinischen Cordillere.

## 60.5231 VERTEBRATA.

*f* AFRICA.*fi* South Africa.

**Broom.** 5393. An attempt to determine the horizons of the fossil vertebrates of the Karroo.

## 60.5431 PISCES.

**Priem.** 6003. Étude sur le genre *Lepidotus*.

60.5631 REPTILIA ANI  
BATRACHIA.

**Branca.** 5365. Embryonenfrage bei *Ichthyosaurus*.

**Vaillant.** 6208. La disposition du revêtement écailleux chez le *Mesosaurus tenuidens* Paul Gervais.

*f* AFRICA.*fi* East Africa.

**Fraas.** 5586. Dinosaurierfunde in Ostafrika.

## 65 TRIASSIC.

65.0231 PALAEOZOOLOGIA  
GENERALIS.

**Frech.** 5590. Die Trias. (Schluss. Lfg 4. Nachträge zu der Mediterran-Trias. Amerikanische und circumpacifische Trias. Rückblick auf die Trias.—Druckfehlerverzeichnis.—Register.

— und **Rentz.** 5592. Neue Triasfunde auf Hydra und in der Argolis.

**Hoffmann.** 5697. Der Muschelkalk der (Westpfalz) Pfalz.

**Merciai.** 5881. L'infratrias del Monte Malbe presso Perugia.

*d* EUROPE.*de* German Empire.

**Langenhan.** 5799. Neue Funde aus der oberen Trias.

**Naumann.** 5918. Fossilfunde im Mittleren Muschelkalk bei Grossheringen.

**Zeller.** 6302. Zur Kenntnis der Lettenkohle und des Keupers in Schwaben.

*de* British Isles.

**Huene.** 5716. Eine Zusammenstellung über die englische Trias und das Alter ihrer Fossilien.

**Lomas et alii.** 5839. Report on the investigation of the fauna and flora of the Trias of the British Isles.

*dh* Italy.

**Galdieri.** 5605. Osservazioni geologiche sui Monti Picentini nel Salernitano.

*dk* Austria-Hungary.

**Wittenburg.** 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

*dl* Balkan Peninsula.

**Renz.** 6029. Types nouveaux de la faune du trias d'Épidaure.

*e* ASIA.*ea* Asiatic Russia.

**Diener.** 5519. Das Alter der Olenekschichten Sibiriens.

*eab* East Siberia.

**Wittenburg.** 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

*eg* Malay Archipelago.

**Wanner.** 6228. Liste der Triasverteinerungen von Timor, Roté und Savu.

*g* NORTH AMERICA.*gi* Western United States.

**Cross.** 5495. The Triassic portion of the Shinarump group, Powell.

**65.0431** *PROTOZOA.**d* **EUROPE.***de* **British Isles.****Cole.** 5478. The alleged triassic foraminifera of Chellaston, near Derby.**65.0831** *COELENTERATA.**d* **EUROPE.***dl* **Balkan Peninsula.****Renz und Frech.** 6031. Der Nachweis von Obertrias im Parnassgebiet. Geologische Beobachtungen am Parnass. Von Carl Renz.**65.1031** *ECHINODERMATA.**d* **EUROPE.***dl* **Balkan Peninsula.****Kittl.** 5766. Triasbildungen der nordöstlichen Dobrudscha.**65.2031** *BRACHIOPODA AND BRYOZOA.**d* **EUROPE.***dh* **Italy.****Campana (Del).** 5409. Fossili della Dolomia principale della Valle del Brenta.*dl* **Balkan Peninsula.****Kittl.** 5766. Triasbildungen der nordöstlichen Dobrudscha.**65.2231** *MOLLUSCA.***Frech und Rentz.** 5592. Neue Triasfunde auf Hydra und in der Argolis.**Häberle.** 5652. Paläontologische Untersuchung triadischer Gastropoden aus dem Gebiet von Predazzo.*d* **EUROPE.***de* **German Empire.****Fischer.** 5579. Vorkommen von Jugendformen des *Ceratites compressus* (Sandb.) E. Phil. bei Würzburg.**Kolesch.** 5777. Die Verbreitung der *Gervillia purchisani* Gein. in Ostthüringen.**Zeller.** 6302. Zur Kenntnis der Lettenkohle und des Keupers in Schwaben.*dh* **Italy.****Campana (Del).** 5409. Fossili della Dolomia principale della Valle del Brenta.**Mariani.** 5861. Contributo allo studio delle bivalvi del calcare di Esino nella Lombardia.*di* **Alps.****Wittenburg.** 6264. Zur Kenntnis der Werfener Schichten Südtirols.*dh* **Austria-Hungary.****Wittenburg.** 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

————— 6265. Einige neue Fossilien aus den Werfener Schichten Südtirols.

*dl* **Balkan Peninsula.****Frech.** 5587. Die Hallstätter Kalke bei Epidaurus (Argolis) und ihre Cephalopoden.**Kittl.** 5766. Triasbildungen der nordöstlichen Dobrudscha.*e* **ASIA.***eah* **East Siberia.****Wittenburg.** 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.*ef* **British India.****Wittenburg.** 6266. Einige Lamelli-branchiata der Salt-Range, mit Berücksichtigung der Lamelli-branchiata des Süd-Ussuri-Gebiets.*eg* **Malay Archipelago.****Renz.** 6030. Die Trias von Rotti und Timor im ostindischen Archipel.**65.2631** *CRUSTACEA.**g* **North America.***gi* **Western United States.****Cross.** 5495. The Triassic portion of the Shinarump group, Powell.

## 65.5231 VERTEBRATA.

d EUROPE.

de German Empire.

**Amthor.** 5290. Das Bonebed im Rhät des Apfelstättgrundes südöstlich von Gotha.

f AFRICA.

fg South Africa.

**Broom.** 5393. An attempt to determine the horizons of the fossil vertebrates of the Karroo.

## 65.5431 PISCES.

d EUROPE.

de German Empire.

**Hennig.** 5678. *Saurichthys* - Funde von Rüdersdorf.

dh Italy.

**Gortani.** 5632. *Pholidophorus faccii* n. f. nel Raibliano di Cazzaso in Carnia.

f AFRICA.

fg South Africa.

**Broom.** 5388. The fossil fishes of the upper Karroo beds of South Africa.

## 65.5631 REPTILIA AND BATRACHIA.

**Broom.** 5389. New South African fossil amphibians and reptiles. (*Stegcephalia*.)

————— 5391. The shoulder girdle of *Cynonathus*. (*Cynodontia*.)

**Huene.** 5712. Die Dinosaurier der europäischen Triasformation mit Berücksichtigung der aussereuropäischen Vorkommnisse. Lfg 1-3.

————— 5717. Neue und verkannte Polycosaurier-Reste aus Europa.

————— and **Lull.** 5720. The Triassic reptile, *Hualopus victor* Marsh.

**Merriam.** 5884. Notes on the osteology of the thalattosaurian genus *Nectosaurus*.

d EUROPE.

dh Austria-Hungary:

**Abel.** 5267. Ein neuer Reptilientypus aus der Triasformation Ungarns.

f AFRICA.

fg South Africa.

**Broili.** 5376. Ein Dicynodontierrest aus der Karooformation.

**Broom.** 5380. South African Diaprosaurian reptile *Hovesia*.

————— 5382. Permian and triassic faunas of South Africa.

————— 5383. The pareiasaurian genus *Propappus*. (*Pareiasauria*.)

————— 5384. Some new Therocephalian Reptiles (*Anomodontia*, *Therocephalia*). Cape Town, Ann. S. Afric. Mus., 4, 1908, (361-367).

g NORTH AMERICA.

gi Western United States.

**Cross.** 5495. The Triassic portion of the Shinarump group, Powell.

**Merriam.** 5883. Triassic Ichthyosauria, with special reference to the American forms.

## 70 JURASSIC.

## 70.0231 PALAEOZOOLOGIA GENERALIS.

**Aradi.** 5297. Der Jura des Ofener Gebirges und allgemeine Betrachtung über die tektonischen Verhältnisse desselben.

**Dal Piaz.** 5501. Alter der Korallenkalkformation von Monte Zovo bei Mori (Trient).

**Girardot.** 5620. Paléontostatique jurassique de la Franche-Comté méridionale.

**Hoehne.** 5651. Frage der Klimazonenbildung im Jura und in der Kreide. A. Beleuchtung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste.

**Quenstedt.** Der Jura. Neudruck, Tübingen, 1858 [1907].

d EUROPE.

dhc Central Russia.

**Michalski.** 5897. Beschreibung einiger Vorsteinerungen aus den Umgebungen von Sulejow und Bjala (russ.).

*de* German Empire.

**Hermann.** 5682. Die östliche Randverwerfung des fränkischen Jura. Ein neuer Beitrag zur Kenntniss ihres Verlaufes und ihres Alters.

**Koehne.** 5771. Bemerkung zu dem Aufsätze von Herrn Rudolf Hermann in Berlin über „Die östliche Randverwerfung des fränkischen Jura“.

**Pompeckj** 5991. Die faunistische und zoogeographische Bedeutung der Jurageschiebe im Diluvium Ost- und Westpreussens.

*df* France.

**Riaz.** 6035. Note sur le Tournien de la région lyonnaise et de Saint-Romain au Mont d'Or en particulier.

*c* ASIA.*cj* Malay Archipelago.

**Boehm.** 5348. Zur Geologie des indo-australischen Archipels.

————— 5349. Geologische Mitteilungen aus dem indo-australischen Archipel. c) Jura von Rotti, Timor, Babar und Buru.

*f* AFRICA.*ff* East Africa.

**Fraas.** 5584. Der ostafrikanische Jura.

*g* NORTH AMERICA.*gi* Western United States.

**Diller.** 5521. Strata containing the Jurassic flora of Oregon.

## 70.0431 PROTOZOA.

*d* EUROPE.*de* German Empire.

**Gaub.** 5606. Ueber oolithbildende Ophthalmidien im Dogger der Schwäbischen Alb.

**Issler.** 5725. Zur Stratigraphie und Mikrofauna des Lias in Schwaben.

## 70.0631 PORIFERA.

*d* EUROPE.*dk* Austria Hungary.

**Oppenheimer.** 5936. Der Malm der Schwedenschanze bei Brünn.

## 70.0831 COELENTERATA.

*d* EUROPE.*de* German Empire.

**Ammon.** 5289. Eine coronate Qualle (*Ephyropsites jurassicus* [n. g. n. sp.] aus dem Kalkschiefer.

*dh* Italy.

**Airaghi.** Coralli dei calcari grigi del Veneto. Milano, 1907.

## 70.1031 ECHINODERMATA.

**Lambert et Lemoine.** Contribution à la géologie des colonies françaises. II. Sur deux oursins nouveaux du Jurassique de Madagascar.

**Tornquist.** 6185. Die Diadematoïden des württembergischen Lias.

*d* EUROPE.*df* France.

**Lambert.** 5788. [Sur un échinide nouveau, *Diplocidaridaris jacqueti*.]

*dk* Austria Hungary.

**Oppenheimer.** 5936. Der Malm der Schwedenschanze bei Brünn.

## 70.1831 VERMES.

**Krause.** 5783. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

## 70.2031 BRACHIOPODA AND BRYOZOA.

**Buckman.** 5399. Brachiopod homoeomorphy; *Pygope*, *Antinomia*, *Pygites*.

**Krause.** 5780. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

**Lewinski.** 5821A. Les dépôts jurassiques près la station Chęciny et leur faune.

*d* EUROPE.*de* British Isles.

**Buckman.** 5400. A Cotteswold Brachiopod. A forgotten name and a neglected author. [*Rhynchonella acutiplicata*, Brown.]

*d* France.

**Bourgeat.** 5362. Sur trois niveaux à Bryozoaires de la région de la Serre Jura).

*dh* Italy.

**Boden.** 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negrar.

*dk* Austria Hungary.

**Oppenheimer.** 5936. Der Malm der Schwedenschanze bei Brünn.

*f* AFRICA.*fh* Madagascar.

**Thévenin** 6180. Paléontologie de Madagascar. N. Fossiles liasiques.

## 70.2231 MOLLUSCA.

**Groenwall.** 5648. The occurrence of the genus *Dimyodon*, Mun.-Chalm., in the mesozoic rocks of Great Britain.

**Kessler.** 5752. Ueber einen mit Wohnkammer erhaltenen *Macrocephalites* [*macrocephalus*].

**Kilian.** 5759. Quelques gisements d'Ammonites dans le Jurassique supérieur et le Crétacé des chaînes subalpines.

**Krause.** 5780. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

**Lewiński.** 5821a. (Les dépôts jurassiques près la station Checiny et leur faune.) (Polish.)

**Richardson.** 6038. Liassic dentaliidae.

*d* EUROPE*da* Scandinavia.

**Malling et Grönwall.** 5858. A fauna in the Lias of Bornholm. (Danish.)

*dba* Northern Russia.

**Sokolov.** 6136. Aucellen vom Timan und Spitzbergen. (Russ.)

*dbb* Southern Russia.

**Borisiak.** 5355. Die Fauna des Donetz-Jura. I. Cephalopoda. (Russ.)

*de* German Empire.

**Epstein.** 5565. *Psiloceras baltzeri* n. sp. aus den Angulaten-Kalken von Vaihingen a. F. bei Stuttgart.

**Kessler.** 5753. *Lytoceeras taeniatum* Pomp. und *Lytoceeras wrighti* Buckm.

**Reuter.** 6033. Die Ausbildung des oberen Braunen Jura im nördlichen Teile der fränkischen Alb.

*de* British Isles.

**Buckman.** 5401. Some Lias Ammonites. *Schlotheimia* and species of other genera.

*dj* France.

**Cossmann.** 5486. 3<sup>e</sup> Note sur le Bathonien de Saint-Gaultier (Indre).

————— 5488. Description de quelques Pélécy-podes jurassiques de France.

*dh* Italy.

**Boden.** 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negrar.

**Campana (Del).** 5408. Fossili del Lias inferiore del Canal-di-Brenta.

**Fucini.** 5602. Ancora sull'età del marmo giallo di Siena.

*dk* Austria Hungary.

**Oppenheimer.** 5936. Der Malm der Schwedenschanze bei Brünn.

**Vadász.** 6205. Die Fauna des unteren Lias von Alsórákos im Komitate Nagy-küküllő. (Ungarisch.)

————— 6206. Über eine oberliassische *Lytoceeras*-Art mit aufgelöster Wohnkammer. (Ungarisch u. deutsch.)

*dl* Balkan Peninsula.

**Renz.** 6028. Sur les Ammonites toarciennes de l'Épire intérieure.

*f* AFRICA.*fh* Madagascar.

**Thévenin.** 6180. Paléontologie de Madagascar. N. Fossiles liasiques.

## i AUSTRALASIA.

## ia New Guinea.

**Rouffaer, Posthumus Meyjes** and **Rochemoni**. Die Südwest Neu-Guinea-Expedition 1904-1905 der Königl. Niederl. Geogr. Gesellschaft [mit Beilage von G. Boehm.] Beschreibung eines Ammoniten von Südwest Neu-Guinea. (Holländisch.) Leiden, 1908.

## k ARCTIC.

## kd Islands North of Europe and Asia.

**Sokolov**. 6136. Aucellen vom Timan und Spitzbergen. (Russ.)

## 70.2431 ARTHROPODA.

## d EUROPE.

## df France.

**Meunier**. 5887. Un Odonatoptère du Rhétien (Lias inférieur) de Fort-Mouchard près des Arçures (Jura).

## 70.2631 CRUSTACEA.

**Chapman**. 5438. An Ostracodal limestone from Durlston Bay (Dorset).

**Krause**. 5780. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

## d EUROPE.

## dc German Empire.

**Issler**. 5725. Zur Stratigraphie und Mikrofauna des Lias in Schwaben.

## dk Austria Hungary.

**Vadász**. 6205. Die Fauna des unteren Lias von Alsórákos im Komitate Nagy-küküllő. (Ungarisch.)

## 70.5231 VERTEBRATA.

## f AFRICA.

## fg South Africa.

**Broom**. 5393. An attempt to determine the horizons of the fossil vertebrates of the Karroo.

## 70.5431 PISCES.

## d EUROPE.

## da Sweden.

**Malling et Grönwall**. 5858. A fauna in the Lias of Bornholm. (Danish.)

## de British Isles.

**Woodward**. 6280. A new specimen of the Chimaeroid fish *Myriacanthus paradoxus*, from the Lower Lias near Lyme Regis (Dorset).

## df France.

**Sauvage**. 6061. Nouveau catalogue des Poissons des formations secondaires du Boulonnais.

## dk Austria Hungary.

**Oppenheimer**. 5936. Der Mahm der Schwedenschanze bei Brünn.

## i AUSTRALASIA.

## if Victoria.

**Woodward**. 6274. A tooth of *Ceratodus* and a Dinosaurian claw from the Lower Jurassic of Victoria (Australia).

70.5631 REPTILIA ET  
BATRACHIA.

**Broom**. 5387. The species of *Mesosaurus* (? Pterosauria).

**Hay**. 5668. Descriptions of five species of North American fossil turtles, four of which are new.

———— 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratops* *nasicornis* Marsh.

———— 5671. Dr. W. J. Holland on the skull of *Diplodocus*.

**Holland**. 5702. *Baptanodon* not a "toothless" ichthyosaur.

———— 5703. Dr. O. P. Hay on the skull of *Diplodocus*.

**Osborn**. 5939. The skeleton of *Brontosaurus* and skull of *Morosaurus*.

**Woodward**. 6274. A tooth of *Ceratodus* and a dinosaurian claw from the Lower Jurassic of Victoria (Australia).

———— 6277. Two specimens of *Ichthyosaurus* showing contained embryos.

———— 6286. A large-headed Dinosaur. [*Triceratops prorsus*.]

*d* EUROPE.

*de* German Empire.

**Wanderer.** 6226. *Ramphorhynchus gemmingi* H. v. Meyer. Ein Exemplar mit teilweise erhaltener Flughaut a. d. Kgl. Mineralog.-Geol. Museum zu Dresden.

*df* France.

**Sauvage.** 6062. Le genre *Pélorosaure*.

*dk* Austria Hungary.

**Oppenheimer.** 5936. Der Malm der Schwedenschanze bei Brünn.

## 75 CRETACEOUS.

75.0231 *PALAEOZOOLOGIA GENERALIS.*

**Hoehne.** 5694. Frage der Klimazonenbildung im Jura und in der Kreide. A. Beleuchtung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste.

*d* EUROPE.

*dbd* Caucasus.

**Stolley.** 6168. Zur Kenntnis der kaukasischen Unterkreide.

*de* German Empire.

**Stolley.** 6166. Ueber alte und neue Aufschlüsse und Profile in der unteren Kreide Braunschweigs und Hannovers.

——— 6167. Die Gliederung der norddeutschen unteren Kreide.

——— 6169. Die untere Kreide Norddeutschlands. Erwiderung.

*df* France.

**Leriche.** 5818. Contribution à l'étude de la faune de la craie d'Épernay a *Magas pumilus*.

*f* AFRICA.

*fh* Madagascar.

**Lemoine.** 5807. Fossiles créacés de la côte de Madagascar.

*g* NORTH AMERICA.

*gi* Western United States.

**Grandall.** 5494. Cretaceous stratigraphy of the Santa Clara valley region in California.

**Henderson, J.** 5674. The sandstone of Fossil ridge in northern Colorado and its fauna.

**Sternberg.** 6161. My expedition to the Kansas chalk for 1907.

*h* CENTRAL AND SOUTH AMERICA.

*hl* Falkland Islands.

**Steinmann.** 6156. Das Alter der Schieferformation im Feuerlande.

## 75.0431 PROTOZOA.

*d* EUROPE.

*dh* Italy.

**Checchia-Rispoli e Gemmellaro.** 5444. Prima nota sulle orbitoidi del sistema cretaceo della Sicilia.

**Osimo.** 5946. Il genere *Siderolithes* Lamk.

**Stefano (Di).** 6151. I calcari cretacei con orbitoidi dei dintorni di Termini-Imerese e di Bagheria. (Palermo.)

*f* AFRICA.

*fh* Madagascar.

**Boule et Thévenin.** 5359. Sur de nouveaux fossiles de la côte orientale de Madagascar.

## 75.0631 PORIFERA.

*d* EUROPE.

*df* France.

**Počta.** 5988. Sur quelques éponges du sénonien de Nice.

*dii* Alps.

**Felix.** 5575. Studien über die Schichten der oberen Kreideformation in den Alpen und den Mittelmeergebieten. Tl II: Die Kreideschichten bei Gosau.

## 75.0831 COELENTERATA.

*d* EUROPE.

*dbb* Southern Russia.

**Karakaš.** 5748. Le créacé inférieur de la Crimée et sa faune. (Russe.)



*e* ASIA.*ei*. Asiatic Turkey.

**Felix.** 5576. Korallenfauna des syrischen Cenoman.

*f* AFRICA.*fb* North East Africa.

**Kossmat.** 5778. Geologie [und Palaeozoologie] der Inseln Sokotra, Semha und Abd el Kuri.

## 75.1031 ECHINODERMATA.

**Morin.** 5907. Ein Rätsel weniger. [*Asterosoma radiceforme*—Bau einer Sandkrabbe.]

**Séguin.** 6100. Note sur les anomalies dans l'Apex chez *Glypticus lamberti*.

*d* EUROPE.*dbb* Southern Russia.

**Karakaš.** 5748. Le crétacé inférieur de la Crimée et sa faune. (Russ.)

*dbc* Central Russia.

**Chimenkov.** 5445. Der geologische Bau der Umgebung von Chwalynsk und die Kreide-Ablagerungen im Wolga-Gebiet des nördlichen Teils des Gouvern. Saratow. (Russ.)

*de* British Isles.

**Sherborn.** 6111. Remarks on the irregular Echinoids of the white chalk of England, as exhibited in the British Museum (Natural History).

*df* France.

**Gosselet.** 5633. Légende de la feuille de Montreuil avec notes d'excursions sur cette feuille et celle d'Arras.

**Lambert.** 5787. Note sur quelques Échinides de la Haute-Garonne.

——— 5790. Les Echinides du calcaire pisolithique du bassin de Paris. (Reims, 1907), 2<sup>e</sup> Partie, 1908, (281-292, av. fig.).

*e* ASIA.*eac* Central Asiatic Russia.

**Faas.** 5567. On the fauna of the Echinoids from the Cretaceous deposits in Russian Turkestan. I. Description of some forms found in the province of Fergana. (Russ.)

(K-4794)

*ei* Asiatic Turkey.

**Gregory.** 5645. Fossil Echinoidea from Sinai and Egypt.

*f* AFRICA.

**Lambert.** 5786. Sur un *Plesiolampas* de l'Afrique centrale.

*fb* North East Africa.

**Gregory.** 5645. Fossil Echinoidea from Sinai and Egypt.

**Kossmat.** 5778. Geologie [und palaeozoologie] der Inseln Sokotra, Semha und Abd el Kuri.

*fb* Madagascar.

**Boule et Thévenin.** 5359. Sur de nouveaux fossiles de la côte orientale de Madagascar.

## 75.1831 VERMES.

**Karakaš.** 5748. Le crétacé inférieur de la Crimée et sa faune. (Russ.)

**Weigner.** 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

*g* NORTH AMERICA.*gi* Western United States.

**Henderson.** 5673. New species of Cretaceous invertebrates from northern Colorado.

## 75.2031 BRACHIOPODA AND BRYOZOA.

**Boule et Thévenin.** 5359. Sur de nouveaux fossiles de la côte orientale de Madagascar.

**Buckman.** 5399. Brachiopod homoeomorphy; *Pygope*, *Antinomia*, *Pygites*.

**Lang.** 5796. The Reptant Eleid Polyzoa.

——— 5797. Key to the published figures of the cretaceous forms of the polyzoan genus *Entalophora*.

**Müller.** Organisation der Craniiden. Diss. Berlin, 1908.

**Weigner.** 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

*d* EUROPE.*dbb* Southern Russia.

**Karakaš.** 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

*dbc* Central Russia.

**Chimenkov.** 5445. Der geologische Bau der Umgebung von Chwalynsk und die Kreide-Ablagerungen im Wolga-Gebiet des nördlichen Teils des Gouvern. Saratow. (Russ.)

*de* British Isles.

**Brydone.** 5398. The stratigraphy and fauna of the Trimmingham chalk.

*df* France.

**Filliozat.** 5578. Bryozoaires crétacés de Vendôme.

*f* AFRICA.*fb* North East Africa.

**Kossmat.** 5778. Geologie [und Palaeozoologie] der Inseln Sokotra, Semha und Abd el Kuri.

## 75.2231 MOLLUSCA.

**Boule et Thévenin.** 5359. Sur de nouveaux fossiles de la côte orientale de Madagascar.

**Jacob.** 5726. Etude sur quelques Ammonites du Crétacé moyen.

**Jukes-Browne.** The zone of *Ostrea lunata*.

**Newton.** 5923. Swainson's genus *Volutilithes*.

**Péron.** 5975. Suppression d'un certain nombre d'espèces dans la nomenclature des *Ostrea* crétacés.

**Toucas.** 6186. Etudes sur la classification et l'évolution des *Radiolitidae*, 1<sup>re</sup> Partie.

**Weigner.** 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

**Wepfer.** 6239. Die nördliche Flyschzone im Bregenzer Wald.

*d* EUROPE.*db* Russia in Europe.

**Nowak.** 5930. Cephalopoden der oberen Kreide in Polen. I Teil. Genus *Baculites* Lamarck. (Polish.)

*dba* Northern Russia.

**Sokolov.** Aucellen vom Timan und Spitzbergen. (Russ.)

*dbb* Southern Russia.

**Karakaš.** 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

*dbc* Central Russia.

**Chimenkov.** 5445. Der geologische Bau der Umgebung von Chwalynsk und die Kreide-Ablagerungen im Wolga-Gebiet des nördlichen Teils des Gouvern. Saratow. (Russ.)

*dbd* Caucasus.

**Sincov.** 6131. Einige Ammonitiden aus dem unteren Gault Mangyschlaks und des Kaukasus.

*dc* German Empire.

**Hasebrink.** 5665. Die Kreidebildungen im Teutoburger Wald bei Lengerich in Westfalen.

**Koenen.** 5774. Bemerkungen zur Gliederung der unteren Kreide.

**Stolley.** 6167. Die Gliederung der norddeutschen unteren Kreide.

*de* British Isles.

**Woods.** 6273. A monograph of the Cretaceous Lamellibranchia of England. Vol. II. Pt. 3.

*df* France.

**Cossmann.** 5487. Le Barrémien supérieur à facies urgonien de Brouzetles-Alais (Gard); description des Gastropodes et Pélécyposes.

**Jacquemet.** 5728. Essai de diagnose à l'aide des caractères extérieurs des principales hippurites des terrains crétacés de Provence.

**Kilian.** 5760. Sur la présence de *Spiticerus* dans la zone à *Hoplites boissieri* (Valanginien inf.) du sud-est de la France.

**Sayn** 6064A. Les Ammonites pyriteuses des marnes valangiennes du sud-est de la France (suite).

*dk* Austria Hungary.

**Schmidt.** 6074. Die Kreidebildungen der Kainach.

**Wiśniowski.** 6262. Ueber die oberene Flyschfauna von Leszczyny.

*e* ASIA.*eac* Central Asiatic Russia.

**Sincov.** 6131. Einige Ammonitiden aus dem unteren Gault Mangyschlaks und des Kaukasus.

*f* AFRICA.*fa* Mediterranean States.

**Blayac.** 5346. L'existence de formations récifales à la base du Barrémien inférieur au Djebel Taya et Djeb. Debar près Guelma (Algérie.)

*fb* North East Africa.

**Kossmat.** 5778. Geologie [und Palaeozoologie] der Inseln Sokotra, Semha und Abd el Kuri.

*fg* South Africa.

**Kitchin.** 5765. The invertebrate fauna and palaeontological relations of the Uitenhage series, South Africa.

*g* NORTH AMERICA.*gi* Western United States.

**Arnold.** 5309. Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California.

**Henderson.** 5673. New species of Cretaceous invertebrates from northern Colorado.

——— 5674. The sandstone of Fossil ridge in northern Colorado and its fauna.

**Shimer and Blodgett.** 6115. The stratigraphy of the Mount Taylor region, New Mexico.

*h* CENTRAL AND SOUTH AMERICA.*hi* Patagonia.

**Favre.** 5574. Die Ammoniten der unteren Kreide Patagoniens.

*k* ARCTIC.*kd* Islands North of Europe and Asia.

**Sokolov.** 6136. Aucellen vom Timan und Spitzbergen. (Russ.)

(κ-4794)

*o* ANTARCTIC.*od* Islands to Southward and South East of New Zealand and Area South of Pacific.

**Kilian.** 5758. Sur une faune d'ammonites néocrétacée recueillie par l'expédition antarctique suédoise.

## 75.2431 ARTHROPODA, INCL. INSECTA.

*g* NORTH AMERICA.*gi* Western United States.

**Mitchell.** 5090. An apparently new protoblattid family from the Lower Cretaceous.

## 75.2631 CRUSTACEA.

**Legendre.** 5805. Traces fossiles d'autotomie.

**Woodward.** 6285. Cirripedes from the Trimmingham chalk and, other localities in Norfolk.

*d* EUROPE.*dc* German Empire.

**Wanderer** 6225. Ein Vorkommen von *Enoploclytia leachi* Mant sp. im Cenoman von Sachsen.

*f* AFRICA.*fg* South Africa.

**Kitchin.** 5765. The invertebrate fauna and palaeontological relations of the Uitenhage series S. Africa.

*g* NORTH AMERICA.*gi* Western United States.

**Rathbun.** 6010. Fossil crabs from California.

## 75.5431 PISCES.

**Karakaš.** 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

*d* EUROPE.*df* France.

**Sauvage.** 6061. Nouveau catalogue des Poissons des formations secondaires du Boulonnais.

*g* NORTH AMERICA.*gi* Western United States.

**McClung.** 5855. Ichthyological notes on the Kansas Cretaceous, I.

*h* CENTRAL AND SOUTH AMERICA.*hh* Brazil.

Jordan and Branner. 5744. The Cretaceous fishes of Ceará, Brazil.

*o* ANTARCTIC.*ob* Islands South of Atlantic.

Woodward. 6282. Fossil fish remains from Snow Hill and Seymour Islands.

75.5631 REPTILIA AND  
BATRACHIA.

Hatcher. 5666. The Ceratopsia.

Hay. 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratopsaurus nasicornis* Marsh.

Holland. 5700. An undetermined element in the osteology of the *Mosasauridae*.

Hooley. 5708. The skull and greater portion of the skeleton of *Goniopholis crassidens* from the Wealden Shales of Atherfield (Isle of Wight).

Lull. 5851. Phylogeny, taxonomy, distribution, habits, and environments of the Ceratopsia.

Nopcsa. 5925. Zur Kenntnis der fossilen Eidechsen.

Rogenhofer. 6041. Ein Endglied des Ichthyosaurierstammes aus der Kreideformation.

*d* EUROPE.*ddb* Southern Russia.

Karakaš. 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

*dc* German Empire.

Broili. 5377. Ichthyosaurierreste aus der Kreide.

*f* AFRICA.*ff* East Africa.

Fraas. 5585. Ostafrikanische Dinosaurier.

*g* NORTH AMERICA.

Williston. 6256. North American Ilesosaurs. *Trinacromerum*.

*gi* Western United States.

Brown. 5394. The *Ankylosauridae*, a new family of armored dinosaurs from the Upper Cretaceous.

Hay. 5668. Description of five species of North American fossil turtles, four of which are new.

80 CAENOZOIC. (TERTIARY)  
(GENERAL.)80.0231 PALAEOZOOLOGIA  
GENERALIS.

Picard. 5981. [Mittel-Oligocän und Miocän in Hinterpommern, Blatt Schönebeck.]

*g* NORTH AMERICA.*gi* Western United States.

Eldridge and Arnold. 5561. The Santa Clara valley, Puente hills and Los Angeles oil districts, southern California.

*gl* Mexico.

Dumble. 5549. Tertiary deposits of northeastern Mexico.

## 80.0431 PROTOZOA.

*d* EUROPE.*df* France.

Douvillé. 5537. Les couches à Lépidocyclines dans l'Aquitaine et la Vénétie.

*dh* Italy.

Douvillé. 5537. Les couches à Lépidocyclines dans l'Aquitaine et la Vénétie.

Prever. 5999. Su alcuni terreni a Nummuliti e ad Orbitoidi dell' alta valle dell' Aniene.

Silvestri. 6119. Sull' età geologica delle Lepidocycline.

————— 6122. Probabile origine di alcune Orbitoidine.

————— 6125. Considerazioni paleontologiche e morfologiche sui generi *Operculina*, *Heterostegina*, *Cycloclypeus*.

*f* AFRICA.*fh* Madagascar.

**Douvillé.** 5516. Sur les Foraminifères oligocènes et miocènes de Madagascar.

## 80.0831 COELENTERATA.

*e* ASIA.*eg* Malay Archipelago.

**Dollfus.** 5525. Sur quelques polyptères fossiles des Indes Néerlandaises.

*h* CENTRAL AND SOUTH AMERICA.

**Steinmann und Wilckens.** 6159. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897.

*hi* Patagonia.

**Angelis d'Ossat (De).** 5296. Altri zoantari del terziario della Patagonia, Buenos Ayres.

*i* AUSTRALASIA.*ik* New Zealand.

**Thomson.** 6182. Fossils from Kakanui.

## 80.1031 ECHINODERMATA.

*d* EUROPE.*dh* Italy.

**Stefanini.** 6148. Conoclipeidi e Cassidulidi conoclipeiformi.

*g* NORTH AMERICA.*gi* Western United States.

**Weaver.** 6233. New echinoids from the Tertiary of California.

*h* CENTRAL AND SOUTH AMERICA.

**Steinmann und Wilckens.** 6159. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897.

## 80.2031 BRACHIOPODA AND BRYOZOA.

*d* EUROPE.*df* France.

**Canu.** 5414. Les Bryozoaires fossiles des terrains tertiaires du sud-ouest de la France.

**Canu.** 5415. Bryozoaires des terrains tertiaires des environs de Paris.

*i* AUSTRALASIA.*ik* New Zealand.

**Thomson.** 6182. Fossils from Kakanui.

## 80.2231 MOLLUSCA.

**Bogačev.** 5354. Quelques faits nouveaux de la distribution géologique des Spaniodontelles. (Russe.)

**Newton.** 5923. Swainson's genus *Volutilithes*.

**Tesch.** 6179. The behaviour of fossil shells in water containing carbonic acid. (English and Dutch.)

*d* EUROPE.*df* France.

**Dollfus.** 5522. Revision des faunes de Mollusques terrestres et fluviatiles du Tertiaire des bassins de la Seine et de la Loire.

*e* ASIA.*eg* Malay Archipelago.

**Martin.** 5864. Systematische Uebersicht über die Gastropoden aus tertiären and jüngeren Ablagerungen von Java.

*g* NORTH AMERICA.*gi* Western United States.

**Arnold.** 5308. Geology and oil resources of the Summerland district, Santa Barbara county, California.

*gl* Mexico.

**Dumble.** 5549. Tertiary deposits of northeastern Mexico.

*h* CENTRAL AND SOUTH AMERICA.

**Steinmann und Wilckens.** 6159. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897.

*i* AUSTRALASIA.*ik* New Zealand.

**Thomson.** 6182. Fossils from Kakanui.

80.2431 *ARTHROPODA, INCLUDING INSECTA.**d* EUROPE.*de* German Empire.

Rohwer. 6042. A fossil larrid wasp.

*g* NORTH AMERICA.*gi* Western United States.

Brues. 5396. New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado.

Cockerell. 5464. Tertiary insects.

Rohwer. 6042. A fossil larrid wasp.

———. 6043. On the Tenthredinoidea of the Florissant shales.

———. 6044. The Tertiary Tenthredinoidea of the expedition of 1908 to Florissant, Colo.

———. 6045. A fossil mellinid wasp.

Wickham. 6245. New fossil *Elateridae* from Florissant.80.2631 *CRUSTACEA.**h* CENTRAL AND SOUTH AMERICA.

Steinmann und Wilckens. 6159. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897.

80.5431 *PISCES.**d* EUROPE.*dh* Italy.

Bassoli. 5322. I pesci terziari della regione emiliana.

*f* AFRICA.*fb* North East Africa.

Andrews. Catalogue of the tertiary vertebrata of the Fayum, Egypt, based on the collection of the Egyptian Government in the British Museum (Natural History). London, 1906.

*h* SOUTH AMERICA.*hi* Patagonia.

Lerliche. 5814. Observations sur les Poissons du Patagonien récemment signalés par M. Fl. Ameghino.

*o* ANTARCTIC.*ob* Islands South of S. Atlantic.

Woodward. 6282. Fossil fish remains from Snow Hill and Seymour Islands.

80.5631 *REPTILIA ET BATRACHIA.**f* AFRICA.*fb* North East Africa.

Andrews. Catalogue of the tertiary vertebrata of the Fayum, Egypt, based on the collection of the Egyptian Government in the Geological Museum, Cairo, and on the collection in the British Museum (Natural History). London, 1906.

80.5831 *AVES.**d* EUROPE.*dh* Italy.

Regalia. 6021. Avifaune fossili italiane.

*f* AFRICA.*fb* North East Africa.

Andrews. Catalogue of the tertiary vertebrata of the Fayum, Egypt, based on the collection of the Egyptian Government in the Geological Museum, Cairo, and on the collection in the British Museum (Natural History). London, 1906.

80.6031 *MAMMALIA.*

Adloff. 5279. Ausgestorbene Menschenaffen und ihre Beziehungen zum Menschen.

Depéret. 5515. The evolution of the Tertiary mammals, and the importance of their migrations.

Schlosser. 6070. Beitrag zur Osteologie und systematischen Stellung der Gattung *Necrolemur*, sowie zur Stammesgeschichte der Primaten überhaupt.

Steinmann. 6154. Über die neuerdings in alt- und vortertiären Schichten gefundenen Menschenspuren.

Stromer. 6175. Die Urwale (Archaeoceti).

*f* AFRICA.*fb* North East Africa.

Andrews. Catalogue of the tertiary vertebrata of the Fayum, Egypt,

based on the collection of the Egyptian Government in the Geological Museum, Cairo, and on the collection in the British Museum (Natural History) London, 1906.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Douglass.** 5527. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana.

**Matthew.** 5872. Osteology of *Blastomeryx* and phylogeny of the American *Cervidae*.

**85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).**

**85.0231 PALAEOZOOLOGIA  
GENERALIS.**

*d* **EUROPE.**

**Maury.** 5873. A comparison of the Oligocene of western Europe and the southern United States.

*da* **Sweden.**

**Holst and Grönvall.** Paleocene at Klagshamn, Skania. (Swedish.)

*dc* **German Empire.**

**Schütze.** 6081. Altteriäre Land- und Süßwasserfossilien aus dem Ries.

*df* **France.**

**Hamelin et Morin.** 5657. Sur un nouveau gîte fossilifère stampien à Dorvault près Nemours (Seine-et-Marne).

**Jodot et Morin.** 5741. Indice de la présence de la faune de Rouzon dans le calcaire de la Brie à Thorigny (Seine-et-Marne).

*dh* **Italy.**

**Canestrelli.** 5410. Revisione della fauna oligocenica di Laverda nel Vicentino.

**Douvillé.** 5545. Observations sur les faunes à Foraminifères du sommet du Nummulitique italien.

**Fabiani.** 5570. Sulla presenza della Fauna Luteziana del Gazzo di Zovenedo in un'altra località dei Colli Berici.

*g* **NORTH AMERICA.**

*gh* **South Eastern United States.**

**Maury.** 5873. A comparison of the Oligocene of western Europe and the southern United States.

*gi* **Western United States**

**Loomis.** 5842. Wasatch deposits.

**Maury.** 5873. A comparison of the Oligocene of western Europe and the southern United States.

**85.0431 PROTOZOA.**

**Bousac.** 5363. Valeur stratigraphique de *Nummulites laevigatus* Link.

**Popescu-Voitești.** 5993. Abnormale Erscheinungen bei Nummuliten.

**Vetters.** 6212. Beiträge zur geologischen Kenntnis des nördlichen Albaniens.

*d* **EUROPE.**

*dc* **German Empire.**

**Spandel.** 6137. Der Rupelton des Mainzer Beckens, seine Abteilungen und deren Foraminiferenfauna, sowie einige weitere geologisch-paläontologische Mitteilungen über das Mainzer Becken.

**Steuer.** 6162. Untersuchung eines Rupelton-Vorkommens in Weinheim an der Bergstrasse.

*dh* **Italy.**

**Brest.** Calcari nummulitici e *Nummulites* dell'Ascolano.

**Checchia-Rispoli.** 5441. Sulla provenienza di alcune lepidocicline dei dintorni di Termini Imerese (Palermo).

————— 5442. Nota preventiva sulla serie nummulitica dei dintorni di Bagheria e di Termini Imerese in provincia di Palermo.

**Ciofalo.** Sulla posizione delle rocce a lepidocicline nel territorio di Termini-Imerese (Palermo). 1<sup>a</sup> Nota.

**Fabiani.** 5571. Sulla costituzione geologica delle colline di Sarcedo nel Vicentino.

**Silvestri.** 6120. Fossili dordoniani nei dintorni di Termini Imerese. (Palermo.)

————— 6121. La questione delle lepidocicline nell'Umbria.

*c* ASIA.*cg* Malay Archipelago.

**Douvillé.** 5540. Sur des lépidocyclines d'un calcaire de l'île Grand-Kei. (Français.)

## 85.0831 COELENTERATA.

*d* EUROPE.*dk* Austria Hungary.

**Oppenheim.** 5934. Eine Eocänfauna von Ostbosnien und einige Eocänfossilien der Herzegowina.

## 85.1031 ECHINODERMATA.

*d* EUROPE.*df* France.

**Baquié.** 5315. Sur les gisements à Echinides des environs de Nissan (Hérault).

**Lambert.** 5791. Note sur quelques Echinides de la Haute-Garonne.

*f* AFRICA.*fb* Egypt.

**Fourtau.** 5583. Sur quelques échinides éocènes d'Égypte nouveaux ou peu connus.

*g* NORTH AMERICA.*gi* Western United States.

**Arnold.** 5309. Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California.

## 85.1831 VERMES.

*d* EUROPE.*dd* Holland.

**Leriche.** 5815. Sur des corps vermiformes provenant de l'argile de Boom (Rupélien) et attribuables à des Annélides.

## 85.2031 BRACHIOPODA AND BRYOZOA.

*d* EUROPE.*de* German Empire.

**Beutler.** 5345. Zur Kenntnis der cyclostomen Bryozoen der älteren Tertiärschichten des südlichen Bayern.

*f* AFRICA.*fd* West Africa.

**Lemoine.** 5807. Contribution à la géologie des colonies françaises. 1. Sur des fossiles éocènes rapportés du Sénégal par le capitaine Vallier.

## 85.2231 MOLLUSCA.

**Oppenheim.** 5935. Die Gattung *Campanile* Bayle und über eine Anzahl von Cerithien, zumal des älteren Tertiär.

*d* EUROPE.*da* Denmark.

**Grönwall et Harder.** 5649. Paleocene at Rugaard in Jutland and its fauna. (Danish.)

*df* France.

**Pezand.** 5978. Mollusques fossiles de Monneville (Oise).

*dg* Spain.

**Douvillé.** 5538. Oligocène des environs de Tolède.

*dk* Austria Hungary.

**Oppenheim.** 5934. Eine Eocänfauna von Ostbosnien und einige Eocänfossilien der Herzegowina.

**Vogl.** 6217. Über eoazäne Nautiliden. (Ungarisch u. deutsch.)

*g* NORTH AMERICA.*gh* South Eastern United States.

**Aldrich.** 5283. A new Eocene fossil from Claiborne.

————— 5284. New Eocene fossils from Alabama and Mississippi.

**Maury.** 5873. A comparison of the Oligocene of western Europe and the southern United States.

*gi* Western United States.

**Arnold.** 5309. Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California.

**Maury.** 5873. A comparison of the Oligocene of western Europe and the southern United States.



85.2431 *ARTHROPODA.*

**Meunier.** 5890. Monographie des *Empidae* de l'ambre de la Baltique et catalogue bibliographique complet sur les Diptères de cette résine.

*d* **EUROPE.**

*do* **Baltic.**

**Peyerimhoff.** 5977. Le *Cupes* de l'ambre de la Baltique.

85.2631 *CRUSTACEA.*

*dh* **Italy.**

**Checchia-Rispoli.** 5443. Sopra un crostaceo dell'Eocene medio dei dintorni di Bagheria in provincia di Palermo.

*f* **AFRICA.**

*fb* **North East Africa.**

**Lörenthey.** 5835. Beiträge zur Kenntnis der eozänen Dekapodenfauna Aegyptens.

85.5231 *VERTEBRATA.*

**Lucas.** 5848. Is *Alabamornis* a bird?

*f* **AFRICA.**

*fa* **Mediterranean States.**

**Priem.** 6002. Sur des Vertébrés de l'Eocène d'Egypte et de Tunisie.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Douglass.** 5530. Vertebrate fossils from the Fort Union beds.

85.5431 *PISCES.*

**Leriche.** 5817. Sur l'attribution de *Lacerta* (?) *eocena* Owen de l'Eocène inférieur de Suffolk à un poisson du genre *Amia*.

**Priem.** 6000. Les Poissons fossiles du Stampien du bassin parisien.

*d* **EUROPE.**

*df* **France.**

**Leriche.** 5813. La faune ichthyologique de l'Aquitainien marin des environs de Montpellier.

**Priem.** 6001. Les Otolithes des poissons éocènes du bassin parisien.

*f* **AFRICA.**

*fa* **Algeria and Tunis.**

**Joleaud.** 5742. Sur les faunes de l'Eocène inférieur et moyen du sud algérien et tunisien.

85.5631 *REPTILIA AND BATRACHIA.*

**Leriche.** 5817. Sur l'attribution de *Lacerta* (?) *eocena* Owen de l'Eocène inférieur de Suffolk à un poisson du genre *Amia*.

**Nopcsa.** 5925. Zur Kenntnis der fossilen Eidechsen.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Douglass.** 5529. Oligocene lizards.

**Hay.** 5668. Descriptions of five species of North American fossil turtles, four of which are new.

**Loomis.** 5842. Wasatch deposits.

85.5831 *AVES.*

**Lucas.** 5848. Is *Alabamornis* a bird?

*d* **EUROPE.**

*df* **France.**

**Gaillard.** 5604. Les Oiseaux des Phosphorites du Quercy.

85.6031 *MAMMALIA.*

**Lucas.** 5848. Is *Alabamornis* a bird?

**Osborn.** 5943. The four inseparable factors of evolution. Theory of their distinct and combined action in the transformation of the titanotheres, an extinct family of hoofed animals in the order Perissodactyla.

————— 5944. Coincident evolution through rectigradations and fluctuations.

**True.** 6195. The fossil cetacean *Dorudon serratus* Gibbes.

*d* **EUROPE.**

*df* **France.**

**Depéret.** 5514. Sur une nouvelle espèce de *Lophiodon* (*L. thomasi*) du Bartonien de Sergy (Aisne).

**Launay.** 5801. La fourrure d'un écureuil tertiaire.

**Roman et Genneveau.** 6618. Note sur un nouveau gisement de Mammifères Eocènes, aux environs de Montpellier.

**Stehlin.** 6152. Les types du "Lophiodon de Montpellier" de Cuvier (*Hyænaretos insignis* P. Gow.).

**Thomas.** 6181. Note sur un gisement de *Lophiodon* à Sergy, au sud-est de Fère-en-Tardenois (Aisne).

*f* **AFRICA.**

**Arltdt.** 5302. Die alttertiäre Säugetierwelt Afrikas.

*fb* **North East Africa.**

**Oppenheim.** 5933. Observations sur l'âge des couches à *Palaeomastodon* du Fayoum.

**Osborn.** 5941. New fossil mammals from the Fayum Oligocene, Egypt.

**Pontier.** 5992. Sur une espèce nouvelle de *Palaeomastodon* (*P. barroisi*).

**Stromer.** 6176. Die Archaeoceti des ägyptischen Eozäns.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Douglass.** 5528. Fossil horses from North Dakota and Montana.

——— 5530. Vertebrate fossils from the Fort Union beds.

**Granger.** 5640. A revision of the American Eocene horses.

**Loomis.** 5842. Origin of the Wasatch deposits.

**Osborn.** 5942. New or little known Titanotheres from the Eocene and Oligocene.

**90 UPPER CAENOZOIC, MIOCENE, PLIOCENE.**

**90 0231 PALAEOZOOLOGIA GENERALIS.**

*d* **EUROPE.**

**Arltdt.** 5305. Afrikanische Elemente in der neogenen und quartären Fauna von Südwest-Europa.

*de* **German Empire.**

**Engelhardt und Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainthales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

*df* **France.**

**Dollfus.** 6524. Faune malacologique du Miocène supérieur (Rédonien) de Montaigu (Vendée).

*dh* **Italy.**

**Sacco.** 6055. Le facies faunistiche del Miocene torinese.

*e* **ASIA.**

*eg* **Malay Archipelago.**

**Dubois.** 5547. Das geologische Alter der Kendengoder Trinil-Fauna.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Cockerell.** 5466. Results of the Florissant expedition of 1908.

**90.0431 PROTOZOA.**

*d* **EUROPE.**

*df* **France.**

**Douvillé.** 5544. Position stratigraphique des gisements à *Lépidocyclines* dans le Miocène de Provence.

*dh* **Italy.**

**Fornasini.** 5582. Indice critico delle Biloculine fossili d'Italia.

**Nelli.** 5920. Il Miocene del Monte Titano nella repubblica di San Marino.

**Silvestri.** 6123. Forma italiana della *Lingulina impressa* Terquem.

*e* **ASIA.**

*ec* **Japanese Islands.**

**Yabe.** 6290. Foraminifera from some neogene and pleistocene rocks of Japan.

**90.0831 COELENTERATA.**

**Dollfus.** 5523. Faune malacologique du Miocène supérieur de Beaulieu (Mayenne), étage redonien.

*d* EUROPE.

*dh* Italy.

**Nelli.** 5920. Il miocene del Monte Titano nella repubblica di San Marino.

*e* ASIA.

*ei* Asiatic Turkey.

**Gregory.** 5644. A collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai.

*f* AFRICA.

*fb* North East Africa.

**Gregory.** 5644. A collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai.

90.1031 ECHINODERMATA.

**Cottreau et Alexat.** 5491. Sur une sentelline nouvelle de l'Asie centrale.

**Dollfus.** 5523. Faune malacologique du Miocène supérieur de Beaulieu (Mayenne), étage rédonien.

*d* EUROPE.

*df* France.

**Couffon.** 5493. A propos de deux Echinides des faluns de Touraine.

**Lambert.** 5789. Echinides des faluns de Touraine recueillis par Mme. la comtesse P. Lecointre.

*dh* Italy.

**Capeder.** 5416. Sopra alcune forme teratologiche di Fibularidi del Miocene medio della Sardegna.

**Checchia-Rispoli.** 5440. Gli echinidi viventi e fossili della Sicilia. Parte seconda. Gli echinidi del piano Siciliano dei dintorni di Palermo.

**Fabiani.** 5569. Anomalie negli ambulacri di un *Echinolampas*.

**Nelli.** 5920. Il miocene del Monte Titano nella repubblica di San Marino.

**Stefanini.** 6149. Echini fossili del miocene medio dell'Emilia.

*g* NORTH AMERICA.

*gi* Western United States.

**Arnold.** 5310. A new brittle star from the upper Miocene of the Santa Cruz mountains, California.

90.1831 VERMES.

**Douvillé.** 5536. Perforations d'Annélides.

*d* EUROPE.

*dh* Italy.

**Nelli.** 5920. Il miocene del Monte Titano nella repubblica di San Marino.

90.2031 BRACHIOPODA AND BRYOZOA.

**Dollfus.** 5523. Faune malacologique du Miocène supérieur de Beaulieu (Mayenne), étage rédonien.

*d* EUROPE.

*dh* Italy.

**Nelli.** 5920. Il miocene del Monte Titano nella repubblica di San Marino.

*dl* Balkan Peninsula.

**Canu.** 5412. Les Bryozoaires fossiles du Miocène moyen de Marsa-Matrouh en Marmarique.

*g* NORTH AMERICA.

*gi* Western United States.

**Arnold.** 5308. Geology and oil resources of the Summerland district, Santa Barbara county, California.

*h* CENTRAL AND SOUTH AMERICA.

**Steinmann und Wilckens.** 6159. Kreide- und Tertiärfossilien aus den Magellansländern, gesammelt von der Schwedischen Expedition 1895-1897.

90.2231 MOLLUSCA.

**Dollfus.** 5523. Faune malacologique du Miocène supérieur de Beaulieu (Mayenne), étage rédonien.

**Martin.** 5865. Das Alter der Schichten von Sondé und Trinil auf Java. [Ihre fossilen Gastropoden.]

**Troll.** 6194. Die pontischen Ablagerungen von Leobersdorf und ihre Fauna.

**Vetters.** 6212. Beiträge zur geologischen Kenntnis des nördlichen Albaniens.

*d* EUROPE.

*db* Russia in Europe.

**Andrusov.** 5294. Die Gattung *Arcticardium* Fischer. (Russ.)

**Friedberg.** 5594. L'espèce *Turritella* dans le miocène de la Pologne. (Polish.)

*dlb* **Southern Russia.**

**Andrusov.** 5295. Spuren der Paludinschichten in Südrussland. (Russ.)

*de* **German Empire.**

**Kranz.** 5779. Bemerkungen zur 7. Auflage der geologischen Uebersichtskarte von Württemberg, Baden, Elsass u. s. w. nebst Erläuterungen von C. Regelman.

*df* **France.**

**Roman.** 6047. Sur un nouveau gisement pliocène aux environs de Nîmes.

*dh* **Italy.**

**Cerulli-Irelli.** 5437. Fauna malacologica Mariana. Parte prima.

**Martinelli.** 5866. La galleria di Gattico ed i suoi fossili pliocenici. Contributo al catalogo della fauna del mare pliocenico prealpino.

**Nelli.** 5919. Formazione calcarea dello Scoglio-Troja (Litorale livornese).

————— 5920. Il miocene del Monte Titano nella repubblica di San Marino.

**Ugolini.** 6200. Monografia dei Pettinidi neogenici della Sardegna. Parte seconda. Gen. *Amussium*, *Amussiopecten*.

*dlk* **Austria Hungary.**

**Friedberg.** 5595. Le miocène inférieur de la Galicie occidentale et la faune qu'il contient. II. (Polish.)

**Lörenthey.** 5836. Über die pannonischen Schichten des Fehérpart bei Tihany. (Ungarisch u. deutsch.)

**Niedźwiedzki.** 5924. Eine neue miozäne Austernart: *Ostrea leopolitana*. (Polish.)

**Schlosser.** 6069. Die Land- und Süßwassergastropoden vom Eichkogel bei Mödling. Nebst einer Besprechung der Gastropoden aus dem Miocän von Rein in Steiermark.

**Vitális.** 6215. Die pliozäne Schichtenreihe des Fehérpart bei Tihany und deren Fauna. (Ungarisch u. deutsch.)

*f* **AFRICA.**

*fa* **Mediterranean States.**

**Gentil et Boistel.** 5612. Sur des gisements pliocènes de la côte occidentale du Maroc.

**Lamothe et Dautzenberg.** 5794. Les gîtes fossilifères des marnes plaisanciennes du Sahel d'Alger. Catalogue général des Mollusques qu'ils renferment.

**Savornin.** 6064. Terrains miocènes d'une partie de la bordure sud de l'Atlas tellien. Observation sur leur faune de *Pectinidae*.

*g* **NORTH AMERICA.**

*ga* **Alaska.**

**Dall.** 5500. Another large Miocene *Scala*.

*gi* **Western United States.**

**Arnold.** 5309. Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California.

**Cockerell.** 5470. The Miocene species of *Lymnaea*.

*l* **ATLANTIC.**

*lb* **Canaries.**

**Boettger.** 5351. Liste der Mollusken aus einem Sande im Barranco von Tegina auf Tenerife (Canaren).

**90.2431** **ARTHROPODA INCLUDING INSECTA.**

**Cockerell.** 5468. A dragon-fly puzzle and its solution.

**Engelhardt und Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a M.

**Meunier.** 5894. Les *Asilidae* de l'ambre de la Baltique.

**Olfers.** 5931. Die „Ur-Insecten“. (*Thysanura* und *Collembola* im Bernstein.)

*d* **EUROPE.**

*do* **Baltic.**

**Meunier.** 5886. Les *Phoridae* et les *Leptidae* de l'ambre de la Baltique.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Brues.** 5396. New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado.

————— 5397. Two fossil *Phoridae* from the Miocene shales of Florissant, Colorado.

**Cockerell.** 5467. A fossil orthopterous insect with the media and cubitus fusing. [*Palaeorehnia maculata* n. g., n. sp. from the Miocene shales of Florissant, Colorado.]

————— 5469. Fossil *Cercopidae* (Homoptera).

————— 5471. Fossil insects from Florissant, Colorado.

————— 5473. Another fossil nemestrinid fly.

————— 5474. Florissant; a Miocene Pompeii.

————— 5476. The fossil sawfly *Perga coloradensis*. [Type of a new genus, *Phenacoperga*.]

**90.2631 CRUSTACEA.**

*d* **EUROPE.**

*df* **France.**

**Alessandri, de.** 5276. Cirripèdes fossiles des faluns de Touraine.

**Couffon.** 5492. Sur quelques crustacés des faluns de Touraine et d'Anjou, suivi d'un essai de prodrome des crustacés podophtalmaires miocènes.

*dk* **Austria Hungary.**

**Méhes.** 5877. Die pliozänen Ostrakoden Ungarns. (Ungarisch u. deutsch.)

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Rathbun.** 6010. Fossil crabs from California.

**90.5431 PISCES.**

*d* **EUROPE.**

*dd* **Belgium.**

**Leriche.** 5809. Sur un appareil fanonculaire de *Cetorhinus* trouvé à l'état fossile dans le Pliocène d'Anvers.

**Reid, C. and Reid, E. M.** 6022. The fossil flora of Tegelen-sur-Meuse near Venloo in the Province of Limburg.

*df* **France.**

**Leriche.** 5810. Les Poissons des Faluns néogènes de la Bretagne, de l'Anjou et de la Touraine.

————— 5812. Revision de la faune ichthyologique des terrains néogènes du bassin du Rhône.

*dh* **Italy.**

**Bassani.** 5319. Su alcuni avanzi di pesci nell'arenaria glauconiosa della isole Tremiti.

**Nelli.** 5920. Il miocene del Monte Titano nella repubblica di San Marino.

**90.5631 REPTILIA AND  
BATRACHIA.**

**Nopcsa.** 5925. Zur Kenntnis der fossilen Eidechsen.

**Reid, C. and Reid, E. M.** 6022. The fossil flora of Tegelen-sur-Meuse, near Venloo, in the province of Limburg.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Hay.** 5668. Descriptions of five species of North American fossil turtles, four of which are new.

**90.6031 MAMMALIA.**

**Abel.** 5273. Neuere Studien über die Systematik und Stammesgeschichte der Halbaffen und den Fund eines angeblichen Vorfahren des Menschen in Südamerika, *Tetraprothomo argentinus* Ameghino.

————— 5274. Unsere gegenwärtige Kenntnis über den Bau und die Lebensweise von *Diprotodon australis* Owen.

**Bach.** 5312. Das Alter des „Belvedereschotters“.

**Depéret.** 5512. L'évolution des mammifères tertiaires; importance des migrations; époque pliocène.

**Hinton.** 5692. *Gazella daviesii*, a new Antelope from the Norwich Crag of Bramerton.

**Méhely.** 5876. *Prospalax piscus* (Nhr.), die pliocène Stammform der heutigen *Spalax*-Arten. (Ungarisch.)

**Peterson.** 5976. Type specimen of *Stenomylus gracilis* Peterson.

**Reid, C. and Reid, E. M.** 6022. The fossil flora of Tegelen-sur-Meuse near Venloo in the Province of Limburg.

**True.** 6196. Remarks on the fossil cetacean *Rhabdosteus latiradix*, Cope.

d EUROPE.

ddb Southern Russia.

**Pavlova.** 5953. *Dinotherium giganteum* Kaup des environs de Tiraspol. (Russe et français.)

df France.

**Mayet.** 5875. Etude sommaire des mammifères fossiles des faluns de la Touraine proprement dite.

**Stehlin.** 6153. Notices paléomammalogiques sur quelques dépôts miocènes des bassins de la Loire et de l'Allier.

dh Italy.

**Barbiani.** 5316. Cenni sul Mastodonte di Petrojo (Prov. di Siena) e sugli Strati Levantini in cui si rinvenne.

**Campana (Del).** 5407. Sulla fauna della breccia ossifera del Serbaro (Romagnano).

**Capellini.** 5417. *Mastodonti* del Museo geologico di Bologna. I.

**Mariani.** 5860. Resti fossili di elefante trovati in alcune cave di sabbia vicino a Milano.

**Matarazzi.** 5868. *Elephas antiquus* Falc. rinvenuto presso Sant'Agata dei Goti. (Prov. di Benevento.)

**Merciai.** 5882. Sopra alcuni resti di vertebrati miocenici delle ligniti di Ribolla.

**Napoli.** 5911. Intorno alla formazione di Monteverde e di alcuni fossili rinvenuti.

**Parona.** A proposito dei resti di un elefante (*El. primigenius* Blumb.) scoperto in un deposito quaternario della collina di Torino. Milano, 1907.

**Portis.** 5995. Di due notevoli avanzi di carnivori fossili dai terreni tufacei di Roma.

————— 5996. A proposito di avanzi elefantini recentemente scoperti nella valle del Po.

**Portis.** 5997. Di alcuni avanzi fossili di grandi ruminanti principalmente della provincia di Roma.

**Seguenza.** 6099. Nuovi resti di mammiferi pontici di Gravitelli presso Messina.

**Ugolini.** Resti di vertebrati marini del Pliocene di Orciano. Milano, 1907.

dk Austria Hungary.

**Zdarsky.** 6297. Säugethierfauna der Eibiswalder Schichten.

g NORTH AMERICA.

gf United States as a whole.

**True.** 6197. Occurrence of remains of fossil cetaceans of the genus *Schizodelphis* in the United States, and on *Priscodelphinus* (?) *crassangulum* Case.

gi Western United States.

**Barbour.** 5317. A new fossil rhinoceros from Sioux county, Nebraska.

**Cockerell.** 5477. A new locality for Miocene mammals [at Troublesome, in Middle Park Colorado].

**Cook.** 5484. A new rhinoceros from the Lower Miocene of Nebraska.

**Douglass.** 5527. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana.

————— 5528. Fossil horses from North Dakota and Montana.

**Gidley.** 5615. Collection of fossil mammals from Virgin valley, Nevada.

**Gilbert.** 5617. Ancestors of our whales. [Description of fossils found at Los Angeles, Cal.]

**Loomis.** 5843. *Rhinocerotidae* of the Lower Miocene.

————— 5844. A new horse from the Lower Miocene.

**Matthew.** 5872. Osteology of *Blasatomyx* and phylogeny of the American *Cervidae*.

h CENTRAL AND SOUTH AMERICA.

hi Patagonia.

**Sinclair.** 6130. The Santa Cruz Typotheria.

## 95 PLEISTOCENE AND RECENT.

### 95.0231 PALAEOZOOLOGIA GENERALIS.

**Stather.** 6143. Investigation of the fossiliferous drift deposits at Kirmington, Lincolnshire, and at various localities in the East Riding of Yorkshire.

**Wieggers.** 6246. Neue Funde paläolithischer Artefakte. 2. Aus dem Diluvium am Grossen Fallstein.

**Wüst.** 6287. Neues über die paläolithischen Fundstätten der Gegend von Weimar.

**Zschokke.** 6305. Nachklänge der Eiszeit in der Tierwelt Mitteleuropas.

### d EUROPE.

**Arlid.** 5305. Afrikanische Elemente in der neogenen und quartären Fauna von Südwest-Europa.

**Zschokke.** 6306. Die Beziehungen der mitteleuropäischen Tierwelt zur Eiszeit.

### da Norway.

**Brögger.** 5372. Un "kjökkenmødding" de l'âge primitif de la pierre en Norvège. (Norvégien.)

### dba Northern Russia.

**Lindberg.** 5827. Botanische Untersuchung von Torfgebieten in den Kirchspielen Lappo und Ilmola, Finland. (Schwedisch.)

### dc German Empire.

**Dammer.** 5502. Einige neue Fundpunkte interglazialer Ablagerungen in der Lüneburger Heide.

**Engelhardt** und **Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**Menzel.** 5880. Die Quartärfaunen im nördlichen Vorlande des Harzes und die Nehringsche Steppenhypothese.

**Naumann.** 5917. Eine präglaziale Fauna und über die Aequivalente der Ablagerungen des jüngeren Eises im Saaletale bei Jena.

**Schucht.** 6080. Die interglazialen Ablagerungen von Godenstedt bei Zeven.

**Wollemann.** 6270. Die Fossilien der Kalktuffe des Elms und Lappwaldes.

### dh Italy: Sicily.

**Luchetti.** 1°. La terramara di Montecchio (Crema). 2°. Le azze di Camisano cremasco. (Dalla storia naturale alla preistoria ed alla storia.) Milano, 1907.

**Scalia.** 6065. Il postpliocene dell'Etna.

### g NORTH AMERICA.

#### gg North Eastern United States.

**Clapp.** 5447. Complexity of the Glacial period in northeastern New England.

**Maury.** 5874. An interglacial fauna found in Cayuga valley and its relation to the Pleistocene of Toronto.

**Perkins.** 5974. The geology of Chittenden county.

**Sears.** 6095. A southern flora and fauna of Post-Pleistocene age in Essex county, Massachusetts.

#### gi Western United States.

**Furlong.** 5603. The exploration of Samwel cave.

**Shimek.** 6113. Aftonian sands and gravel in western Iowa.

### 95.0431 PROTOZOA.

**Bullen.** 5402. Microzoa and mollusca from East Crete.

### e ASIA.

#### ec Japanese Islands.

**Yabe.** 6290. Foraminifera from some neogene and pleistocene rocks of Japan.

### 95.0831 COELENTERATA.

#### ei Asiatic Turkey.

**Gregory.** 5644. A collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai.

### f AFRICA.

#### fb North East Africa.

**Gregory.** 5644. A collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai.

## 95.1031 ECHINODERMATA.

e ASIA.

eg Malay Archipelago.

Lambert. 5792. Un oursin de Timor. (Français.)

## 95.2031 BRACHIOPODA AND BRYOZOA.

Levander. 5821. Verbreitung der Süßwasser-Bryozoen in Finland.

d EUROPE.

dm Mediterranean and Islands.

Bullen. 5402. Some microzoa and mollusca from East Crete.

## 95.2231 MOLLUSCA.

Hägg. 5653. Über relikte und fossile Binnenmollusken in Schweden als Beweise für wärmeres Klima während der Quartärzeit.

Jacquemet. 5727. Etude du Lehm et des conglomérats des pentes de l'île de Crémien.

d EUROPE.

Nordmann. 5928. The mollusc fauna in the *Cyprina* clay and the other Eem beds of Central Europe. (Danish.)

de German Empire.

Glessin. 5461. Die Tuffablagerung im Tale der schwarzen Laaber.

Hahne u. Wüst. 5654. Die paläolithischen Fundschichten und Funde der Gegend von Weimar.

Hennig. 5677. Ein neuer Fundort von *Palulina diluviana*.

Hilbert. 5687. Die Molluskenfauna des Diluviums der Provinzen Ost- und Westpreussen.

Wollemann. 6268. Fossile Knochen und Gastropodengehäuse aus dem diluvialen Kalktuff und Lehm von Osterode am Fallstein.

de British Isles.

Welch. 6237. *Buccinum* and *Patella*. Kjøkken-mødding at Cranfield Co. Down.

df France.

Caziot. 5428. Le climat des Alpes Maritimes sur le littoral pendant le pliocène supérieur et le pléistocène, établi à l'aide des mollusques terrestres et fluviatiles.

——— 5429. Nouveau gisement pléistocène lacustre sur la rive droite du Var près de son embouchure.

——— et Maury. 5430. Mollusques terrestres postpliocènes trouvés dans une poche du terrain jurassique au Monte Carlo.

——— 5431. Nouveaux gisements pliocène et post-pliocène marins, et complément des faunes déjà publiées des gîtes marins de ces étages sur la côte des Alpes-Maritimes.

——— 5432. Un gisement postpliocène terrestre dans la vallée de la Tinée.

Germain. 5613. Sur quelques mollusques quaternaires de Saint-Pierre les Elbeuf.

dh Italy.

Bellini. 5330. Sul *Pecten medius* Lamk. citato da Philippi e Scacchi tra i fossili della regione Flegrea.

Regalia. 6020. Fauna della grotta di Pertosa (Salerno).

Salinas. 6058. Avanzi preistorici all'Acqua dei Corsari presso Palermo.

dk Austria Hungary.

Łomnicki. 5841. Die Mollusken im pleistocänen Thon des Mammuthschachtes in Starunia. (Polish.)

dm Mediterranean and Islands.

Bullen. 5402. Some microzoa and mollusca from East Crete.

e ASIA.

eg Malay Archipelago.

Martin. 5864. Systematische Uebersicht über die Gastropoden aus tertiären und jüngeren Ablagerungen von Java.

——— 5865. Das Alter der Schichten von Sondé und Trinil auf Java. [Ihre fossilen Gastropoden.]

Schepman. 6068. Mollusken aus posttertiären Schichten von Celebes.



*j* AFRICA.*ff* East Africa.

**Koert.** 5775. *Pecten vasseli* Fuchs bei Tanga in Deutschostafrika und das Alter der dortigen „jungen Deck-schichten und jungen Küstenbildungen“.

*g* NORTH AMERICA.*gg* North Eastern United States.

**Mauzy.** 5874. An interglacial fauna found in Cayuga valley and its relation to the Pleistocene of Toronto.

*g* Western United States.

**Dall.** 5499. New species of mollusks from the Pacific coast of the United States, with notes on other mollusks from the same region.

**Shimek.** 6113. Aftonian sands and gravel in western Iowa.

*l* ATLANTIC.*lb* Canaries.

**Boettger.** 5351. Liste der Mollusken aus einem Sande im Barranco von Tegina auf Tenerife (Canaren).

## 95.2431 ARTHROPODA INCL. INSECTA.

**Lindberg.** 5828. *Pterostichus vermiculosus* Mén. aus Dryas-Ablagerung auf dem Isthmus Karelicus. (Schwedisch.)

**Olfers.** 5931. Die „Ur-Insecten“. (*Thysanura* und *Collembola* im Bernstein.)

*g* NORTH AMERICA.*gi* Western United States.

**Grinnell.** 5646. Quaternary myriopods and insects of California.

## 95.2631 CRUSTACEA.

**Brehm.** 5370. Die geographische Verbreitung der Copepoden und ihre Beziehung zur Eiszeit.

**Bullen.** 5402. Microzoa and mollusca from East Crete.

## 95.3431 MYRIOPODA.

*g* NORTH AMERICA.*gi* Western United States.

**Grinnell.** 5646. Quaternary myriopods and insects of California.

(K-4794)

## 95.5231 VERTEBRATA.

*d* EUROPE.*de* German Empire.

**Mehlis.** 5878. Diluviale Funde von Neustadt a. d. Haardt.

*df* France.

**Jeannel.** 5735. Sur la découverte, dans la grotte du Portel, de peintures paléolithiques représentant l'homme et des animaux.

*dh* Italy.

**Colini.** 5479. La scoperta archeologica del Dott. C. Rosa nella Valle della Vibrata e la civiltà primitiva degli Abruzzi e delle Marche.

**Pigorini, Cerio e Bellini.** 5982. Materiali paleontologici dell'Isola di Capri.

**Regalia.** 6020. Fauna della grotta di Pertosa. (Salerno.)

*dk* Austria Hungary.

**Freudenberg.** 5593. Die Fauna von Hundsheim in Niederösterreich.

*g* NORTH AMERICA.*gg* North Eastern United States.

**Holland.** 5701. Account of the Pleistocene fauna discovered in a cave opened at Frankstown, Pennsylvania, in April and May 1907.

*gi* Western United States.

**Brown.** 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

## 95.5431 PISCES.

**Jordan.** 5743. A fossil stickleback fish from Nevada.

*d* EUROPE.*da* Sweden.

**Lönnberg.** 5834. Some finds in *Litorina*-clay in Norrköping 1907. (Swedish.)

*df* France.

**Godon.** 5623. Découverte d'une faune quaternaire à Cambrai.

95.5631 REPTILIA AND  
BATRACHIA.

**Nopcsa.** 5925. Zur Kenntniss der fossilen Eidechsen.

*d* EUROPE.

*dk* Austria Hungary.

**Bayger.** 5328. *Rana esculenta* du pleistocène de Starunia. (Polish.)

*g* NORTH AMERICA.

*gi* Western United States.

**Brown.** 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

95.5831 AVES.

**Lorenz von Liburnau.** 5846. Die in historischer Zeit ausgestorbenen Vögel.

*d* EUROPE AND MEDITERRANEAN.

*de* British Islands.

**Ussher.** 6203. Remains of Hawfinch [*Coecothraustes*] in Co. Clare Caves.

*g* NORTH AMERICA.

*gi* Western United States.

**Brown.** 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

95.6031 MAMMALIA.

**Adloff.** 5279. Ausgestorbene Menschenaffen und ihre Beziehungen zum Menschen.

**Broom.** 5390. A large extinct species of *Bubalis* (Ungulata).

————— 5392. Evidence of a large horse recently extinct in South Africa. (Ungulata).

**Deniker.** 5511. L'âge du pithécantrope.

**Fritze.** 5601. Beschreibung eines Scapels vom Riesenhirsch (*Megaceros giganteus* Blumenb.).

**Harlé.** 5663. Ossements de reune en Espagne.

**Hermann.** 5681. Caries bei *Mastodon*.

**Hinton.** 5693. Fossil hare from Ightham, Kent.

**Hogg.** 5698. Human and other bones found at Whyteleafe (Surrey).

————— 5699. Mitcham gravels and their mammalian remains.

**Hovey.** 5709. The Chester, New York, mastodon. [Facsimile reproduction of sketch and description of skull and tusks of "*Elephas Mastodonta*" by P. S. Townsend, manuscript dated May 29, 1817.]

**Laville.** 5802. La marmotte d'Éragney.

**Linstow.** 5831. Die Verbreitung des Bibers im Quartär. Eine Literaturstudie.

**Lomnicki.** 5840. Ueber den Mammut- und *Rhinoceros*-fund in Starunia. (Polish.)

**Lorenz von Liburnau.** 5845. Vorlage des rekonstruierten Skelettes eines fossilen Riesenhalbfaffen [*Megaladapis edwardsi*] aus Madagaskar.

**McClung.** 5856. Restoration of the skeleton of *Bison occidentalis*.

**Mieck.** 5898. Zwei Mammut-Backenzähne aus der Kiesgrube bei Prenzlau.

**Pfizenmayer.** Das Mammut, *Eleph. primigenius* Blum. Leipzig, 1908.

**Pira.** 5984. Geschichte der Schweinerassen, insbesondere derjenigen Schwedens.

**Schwalbe.** 6088. Ueber fossile Primaten und ihre Bedeutung für die Vorgeschichte des Menschen.

**Stolyhwo.** 6170. Existenz von Uebergangsformen zwischen *H. primigenius* und *H. sapiens*.

*d* EUROPE AND MEDITERRANEAN.

**Staudinger.** Vergleichende Untersuchungen am Skelette der quartären und rezenten Wildrinder Europas. Ein Beitrag zur Urgeschichte der Hausrinder. Diss. Halle a. S., 1909.

*da* Sweden.

**L[önnberg].** 5833. Mammal fossils from Skania. (Swedish.)

————— 5834. Some finds in *Litorina*-clay in Norrköping, 1907. (Swedish.)

*dbc* Ural.

**Pavlova.** 5955. Les Ruminants posttertiaires du Musée d'Ekaterinburg. (Russ.)

*dc* German Empire.

**Fiedler.** Ueber Säugetierreste aus braunschweigischen Torfmooren nebst einem Beitrag zur Kenntnis der osteologischen Geschlechtscharaktere des Rindschädels. Diss. Leipzig, 1907.

**Geinitz** 5611. Vierhörniges Schaf aus mecklenburgischem Torfmoor.

**Hahne u. Wüst.** 5654. Die paläolithischen Fundschichten und Funde der Gegend von Weimar.

**Hess von Wichdorff.** 5685. Ueber einige in Raseneisenerz umgewandelte fossile Hirschgeweihe aus einem Raseneisensteinlager der Provinz Posen.

**Japha.** 5734. Ueber subfossile und recente Walknochenfunde aus Ost- und Westpreussen.

**Löscher.** 5837. Der diluviale Mensch in unserer Gegend.

————— 5838. Ein bei Pohlitz ausgegrabenes Skelett vom wollhaarigen Nashorn.

**Rausenberger.** 6011. Neuere Funde aus dem Diluvium von Hanau.

**Staudinger.** 6144. *Praeovibus priscus* nov. gen. et nov. sp., ein Vertreter einer *Ovibus* nahestehenden Gattung aus dem Pleistocän Thüringens.

**Wollemann.** 6268. Fossile Knochen und Gastropodengehäuse aus dem diluvialen Kalktuff und Lehm von Osterode am Fallstein.

**Wüst.** 6288. Das Vorkommen von *Rhinoceros merckii* Jäg. in den oberen Travertinen von Ehringsdorf bei Weimar und seine Bedeutung für die Beurteilung der Klimaschwankungen des Eiszeitalters.

*de* British Isles.

**Reynolds.** 6034. A monograph of the British pleistocene mammalia. Vol. II. pt. 2. The bears.

**Scharff.** 6066. The former occurrence of the African wild cat in Ireland.

**Usher.** 6204. Hyaena-dens of the mammoth cave near Doneraile, Co. Cork.

(κ-4794)

*dj* France.

**Hamy.** 5658. Le *Gulo borealis* dans la grotte de la Grande Chambre à Rinxent (Pas-de-Calais).

**Lacroix.** 5783. Notes sur les ossements fossiles trouvés dans les sablières de Saint-Hubert près Niort.

**Leroy.** 5819. Un ossement de *Rhinoceros tichorhinus* et d'autres ossements fossiles provenant des alluvions quaternaires de Saint-Germain-Village (Eure).

*dg* Spain.

**Harlé.** 5661. Faune quaternaire de Saint-Sébastien (Espagne).

————— 5662. Faune quaternaire de la province de Santander (Espagne).

*dh* Italy.

**Issel.** 5724. Un exemple de survivance préhistorique.

**Marchesetti.** L'uomo paleolitico nella regione Giulia. Milano, 1907.

**Portis.** 5994. È Dimostrata la contemporaneità dell'uomo paleolitico coll'elefante antico, l'ippopotamo ed un rinoceronte in Italia?

**Regalia.** 6018. Sulla fauna della "Grotta del Castello" di Termini Imerese (Palermo).

————— 6019. Sull'*Equus (Asinus) hydruntinus* Regalia della grotta dei Romanelli (Castro Lecce).

*di* Switzerland.

**Cacciamali.** 5406. A proposito di un recente libro su Creta.

*dk* Austria Hungary.

**Freudenberg.** 5593. Die Fauna von Hundsheim in Niederösterreich.

**Phleps.** 5980. Das Skelett eines weiblichen *Bison priscus* Boj. sowie andere *Bison*- und *Bos*reste aus dem Diluvium Siebenbürgens.

**Podek.** 5989. Die Homorod-Almächer-Höhle.

**Simonelli.** 6126. Mammiferi quaternari dell'Isola di Candia. I.

**Toula.** 6187. Vierhörnige Schafe aus dem diluvialen Lehm von Reinprechtspölla (N. Oe.) und von der Einmündung der Wien in den Donaukanal.

**Toula** 6188. *Rhinoceros mercki* Jäger in Oesterreich.

———— 6189. Ein Mammutfund von Wilsdorf bei Rodenbach in Böhmen.

*dm* **Mediterranean and Islands.**

**Bate.** 5323. The pigmy hippopotamus of Cyprus.

**Cayeux.** 5127. Découverte de l'*Elephas antiquus* à l'île de Pelos (Cyclades).

*c* **ASIA.**

*cab* **East Siberia.**

**Nasonov.** 5912. Sur les restes d'un cadavre de mammoth trouvés au bords de la rivière Sangajurjach et déposés au Musée Zoologique de l'Académie Impériale des Sciences. (Russie.)

*c:* **Malay Archipelago.**

**Elbert.** 5558. Die neusten Untersuchungen über die *Pithecanthropus*-Frage. (Holländisch.)

**Elbert.** 5559. Ueber das Alter der Kendeng-Schichten mit *Pithecanthropus erectus* Dubois.

———— 5560. Ueber seine Ur-mensch-Expedition auf Java.

**Gorka.** 5628. Das geologische Alter des Affenmenschen von Java. (Ungarisch.)

**Volz.** 6219. Das geologische Alter der *Pithecanthropus*-Schichten bei Trinil, Ost-Java.

*f* **AFRICA.**

*fg* **South Africa.**

**Beck.** 5329. *Mastodon* in the Pleistocene of South Africa near Kimberley (Cape Colony).

*g* **NORTH AMERICA.**

**Perkins.** 5972. Fossil Cetacea of the Pleistocene of the United States and Canada, with special reference to *Delphinapterus vermontanus* Thompson.

*ga* **Alaska and Aleutian Islands.**

**Gidley.** 5616. Two new species of Pleistocene ruminants of the genera *Ovibos* and *Bootherium*, with notes on the latter genus.

**Gilmore.** 5619. Smithsonian exploration in Alaska in 1907 in search of Pleistocene fossil vertebrates.

*gg* **North Eastern United States.**

**Gidley.** 5616. Two new species of Pleistocene ruminants of the genera *Ovibos* and *Bootherium*, with notes on the latter genus.

*gi* **Western United States.**

**Brown.** 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas, with description of two new genera and twenty new species of mammals.

**Deere.** 5509. A fossil tusk found in the *Equus* beds in McPherson county.

**Shimek.** 6113. Aftonian sands and gravel in western Iowa.

*h* **CENTRAL AND SOUTH AMERICA.**

*hf* **Peru.**

**Nordenskiöld.** 5926. Ein neuer Fundort für Säugetierfossilien in Peru.

## PALAEOZOOLOGIA.

## B ZOOLOGICAL CLASSIFICATION.

0231 PALAEOZOOLOGIA.  
GENERALIS.

## 0231.55 UPPER PALAEOZOIC.

Ward. 6229. Contributions to the geology and palaeontology of North Staffordshire. Palaeontology of the Cheadle coalfield.

0231.90 UPPER CAENOZOIC  
MIOCENE, PLIOCENE.

*Harde'la isoclina* n. sp. Dubois. 5547.

*Stegodon ganesa* var. *javanicus* nov. var. Malay Peninsula. Dubois. 5547.

2031 95 PLEISTOCENE AND  
RECENT.

Scalia. 6065. Il Postpliocene dell'Etna.

## 0431 PROTOZOA.

## 0431.39 GENERAL.

Winter. 6261. Foraminifera (*Testacea reticulosa*) für 1896-1900.

## SPECIAL.

*Arnaudiella* n. gen. Douvillé. 5534.

*Cenellipsis farvus* n. sp. Hinde. 5691.

*Cenosphaera* nn. spp. Hinde. 5691.

*Dicolocapsa* nn. spp. Hinde. 5691.

*Dietyomitra* nn. spp. Hinde. 5691.

*Doryplegma mendonense* n. sp. Hinde. 5961.

*Eusyringium* nn. spp. Hinde. 5961.

Foraminifera. Friedberg 5596.

*Fusulina* nn. spp. et varr. Russisch-arktisches Meeresgebiet. Schellwien. 6067.

————— Staff. 6110. 6111.

*Glandulonodosaria* spp. Italy. Silvestri. 6118.

*Lepidocyelina* nn. spp. Douvillé. 5542. 5543.

————— Lemoine et Douvillé. 5808.

*Lithocampe* nn. spp. Hinde. 5691.

*Lithomitra* nn. spp. Hinde. 5691.

*Lithostrobos pusillus* n. sp. Hinde. 5691.

*Phormocyrtis lageni* n. sp. Hinde. 5691.

*Porodiscus levis* n. sp. Hinde. 5691.

*Rhopalastrum* nn. spp. Hinde. 5691.

*Sethamphora* nn. spp. Hinde. 5691.

*Sphaeropyge simplex* n. sp. Hinde. 5691.

*Spongodiscus* nn. spp. Hinde. 5691.

*Spongolonche angularis* n. sp. Hinde. 5691.

*Stichocapsa* nn. spp. Hinde. 5691.

*Stichophornis polita* n. sp. Hinde. 5691.

*Stylosphaera densiporata* n. sp. Hinde. 5691.

*Theoetmpe tumiola* n. sp. Hinde. 5691.

*Theosyringium savuense* n. sp. **Hinde.** 5691.

*Tricolocampe pumilia* n. sp. **Hinde.** 5691.

*Tricolocapsa* nn. spp. **Hinde.** 5691.

**4031.55** UPPER PALAEOZOIC.  
SPECIAL.

*Fusulina.* **Staff.** 6141.

*Nummulostegina vclibitana* n. gen. et sp. Österreich. **Schubert.** 6079.

*Valvulinella bukowskii* n. sp. Österreich. **Schubert.** 6079.

**0431.60** MESOZOIC (GENERAL).

*Alveolinella* n. gen. Indo-China. **Douvillé.** 5533.

**0431.70** JURASSIC.

*Cristellaria* n. var. et sp. Schwaben. **Issler.** 5725.

*Dentalina quadrata* n. sp. Schwaben. **Issler.** 5725.

*Fronicularia carinata* var. *longa* n. var. Schwaben. **Issler.** 5725.

*Glandulina biconica* n. sp. Schwaben. **Issler.** 5725.

*Ophthalmidium bacularis* n. sp. Schwaben. **Issler.** 5725.

———— *oolithicum* n. sp. Germany. **Gaub.** 5606.

**0431.75** CRETACEOUS.

*Lepidocyclina* nn. spp. Sicilia. **Cecchia-Rispoli** e **Gemmellaro.** 5444.

*Orbitoides* nn. spp. Sicilia. **Cecchia-Rispoli** e **Gemmellaro.** 5444.

*Siderolithes* nn. spp. Italy. **Osimo.** 5946.

**0431.80** CAENOZOIC (TERTIARY) (GENERAL).

**Silvestri.** 6125. Considerazioni paleontologiche e morfologiche sui generi *Operculina*, *Heterostegina* e *Cycloclypus*.

SPECIAL.

*Lepidocyclina.* Aquitaine et Vénétie. **Douvillé.** 5537.

———— **Silvestri.** 6119.

*Nummulites.* Aniene. **Prever.** 5999.

*Orbitoidina.* **Silvestri.** 6122.

**0431.85** LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

**Brest.** 5371. Calcarei nummulitici e *Nummulites* dell'Ascolano.

**Cecchia-Rispoli.** 5441. Sulla provenienza di alcune *Lepidocycline* dei dintorni di Termini Imerese (Palermo).

SPECIAL.

*Adherentina rhenana* n. sp. Germany. **Spandel.** 6137.

*Anomalina spinimargo* n. sp. Germany. **Spandel.** 6137.

*Bolivina* nn. spp. et var. Germany. **Spandel.** 6137.

*Gaudryina postsiphonella* n. sp. Germany. **Spandel.** 6137.

*Hyperammia zinndorfi* n. sp. Germany. **Spandel.** 6137.

*Lepidocyclina* Palermo. **Ciofalo.** 5446.

———— ile Grand Kei. **Douvillé.** 5540.

———— Italy. **Fabiani.** 5571.

———— Umbria. **Silvestri.** 6121.

*Nodosaria kinkelina* n. sp. Germany. **Spandel.** 6137.

*Nonionina polystomelli formis* n. sp. Germany. **Spandel.** 6137.

*Nummulites.* Palermo. **Cecchia-Rispoli.** 5442.

*Orbulina bituminosa* n. sp. Germany. **Spandel.** 6137.

*Pseudarcella rhumbleri.* Germany. **Spandel.** 6137.

*Rhabdosphaera silicea* n. sp. Germany. **Spandel.** 6137.

*Rissurina marginata* var. *spinosa* n. var. Germany. **Spandel.** 6137.

*Rotalia offenbachensis* n. sp. Germany. **Spandel.** 6137.

*Saccamina* nn. spp. Germany. **Spandel.** 6137.

*Spiroplecta (Textularia) intermedia* n. sp. Germany. **Spandel.** 6137.

*Truncatulina globigeriniformis* n. sp. Germany. **Spandel.** 6137.

*Urigerina sagriniformis* n. sp. Germany. **Spandel.** 6137.

*Virgulina frondicularoides* n. sp. Germany. **Spandel.** 6137.

**0431.90** UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).

*Biloculina*. Italy. **Fornasini**. 5582.

*Lepidocyclus*. France. **Douvillé**. 5514.

*Lingulina impressa*. **Silvestri**. 6123.

**0631** PORIFERA.

**0631.50** LOWER PALAEOZOIC.

GENERAL.

[Review of] Contribution to the geology and paleontology of Vermont. By Henry M. Seely. [With special reference to *Cryptozoon*. By C. W. W.].

**[Seely]**. 6098. *Cryptozoon*. Reply to the review of C. W. W.

SPECIAL.

*Strophochetus*. **Seely**. 6097.

**0631.55** UPPER PALAEOZOIC.

*Amblyosiphonella guadalupensis* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Anthracosycon* n. gen., var. et sp. Texas, Guadalupian. **Girty**. 5622.

*Coelocladia spinosa* n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

*Cystothalamia nodulifera* n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

*Cystothalamiidae* n. fam. Texas, Guadalupian. **Girty**. 5622.

*Guadalupia* n. gen., spp. et var. Texas, Guadalupian. **Girty**. 5622.

*Guadalupiidae* n. fam. **Girty**. 5622.

*Heliospongia* n. gen., spp. et var. Kansas, Carboniferous. **Girty**. 5622A.

*Heterocoelia beedei* n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

*Macandrostia kansasensis* n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

*Polysiphon mirabilis* n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

*Polysiphonidae* n. fam. Texas, Guadalupian. **Girty**. 5622.

*Pseudovirgula tenuis* n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

*Steinmannia americana* n. sp. Texas, Guadalupian. **Girty**. 5622.

————— *benjamini* n. sp. Kansas, Carboniferous. **Girty**. 5622A.

*Stromatidium typicale* n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

*Virgula* n. gen., spp. et var. Texas, Guadalupian. **Girty**. 5622.

**0631.75** CRETACEOUS.

*Chonella andreensis* n. sp. **Počta**. 5988.

*Pachycorymea erecta* n. gen. et sp. **Počta**. 5988.

*Rhizocorallium rujosum* n. sp. Alps. **Felix**. 5575.

*Scyrtalia laghetensis* n. sp. **Počta**. 5988.

*Thamnospongia pauciramea* n. sp. **Počta**. 5988.

*Verruculina cazioti* n. sp. **Počta**. 5988.

**0831** COELENTERATA.

**0831.39** GENERAL.

**Gerth**. 5614. Phylogenie der Tubocorallier.

**Laackmann**. 5782. Graptolitida für 1906 u. 1907.

SPECIAL.

*Rugosa*. **Duerden**. 5548.

**0831.45** PALAEOZOIC (GENERAL).

GENERAL.

**Richardson**. 6036. The geology of Newport, Troy and Coventry.

SPECIAL.

*Desmograptus* nn. spp. New York, Palaeozoic. **Ruedemann**. 6053.

*Dictyonema* nn. spp. New York, Palaeozoic. **Ruedemann**. 6053.

**0831 50** LOWER PALAEOZOIC.

*Azylograptus? simplex* n. sp. New York, Champlainic. **Ruedemann**. 6053.

*Cactograptus crassus* n. gen. et sp. New York, *Dendrograptidae*. **Ruedemann**. 6053.

*Chaunograptus* nn. spp. New York, Champlainic. **Ruedemann**. 6053.

*Climacograptus* nn. spp. Britain. **Elles & Wood**. 5562.

————— nn. mult., spp. et n. var. New York, Indian Territory, Maine,

Missouri and Northern United States, Lower Palaeozoic. **Ruedemann.** 6053.

*Corynoides gracilis perangulatus* n. mut. et n. var. New York, Champlainic. **Ruedemann.** 6053.

*Cryptograptus tricornis insectiformis* n. mut. New York, Champlainic. **Ruedemann.** 6053.

*Cyrtograptus ulrichi* n. sp. **Ruedemann.** 6053.

*Dendrograptus rectus* n. sp. New York, Siluric. **Ruedemann.** 6053.

*Dicellograptus* nn. spp. et varr. New York and Alabama, Champlainic. **Ruedemann.** 6053.

*Dieranograptus* nn. varr. et sp. New York, Champlainic. **Ruedemann.** 6053.

*Diplograptus* nn. varr., mut. et sp. Alabama, New York and Indian Territory, Champlainic. **Ruedemann.** 6053.

*Glossograptus* n. mutt. et varr. New York, Champlainic. **Ruedemann.** 6053.

*Lasiograptus vimuronatus timidus* n. mut. Northern United States, Champlainic. **Ruedemann.** 6053.

*Leptograptus* nn. mutt. New York, Champlainic. **Ruedemann.** 6053.

*Mastigograptus circinalis* n. gen. et sp. New York, Champlainic. **Ruedemann.** 6053.

*Monograptus amphibolus* n. sp. Sweden. **Törnquist.** 6184.

——— *priodon chapmanensis* n. mut. Maine, Siluric. **Ruedemann.** 6053.

*Nemagraptus* nn. varr. New York, Champlainic. **Ruedemann.** 6053.

*Odontocaulis hepaticus* n. sp. New York, Champlainic. **Ruedemann.** 6053.

*Palaeodictyota* emend. nn. spp. et mut. New York, *Dendrograptidae*. **Ruedemann.** 6053.

*Ptilograptus* nn. spp. New York, Lower Palaeozoic. **Ruedemann.** 6053.

*Rastrites* nn. varr. Scotland and Thuringia. **Törnquist.** 6184.

*Rhizophyllum robustum* n. sp. New South Wales. **Shearsby.** 6108.

*Spongiostroma* n. gen. et spp. Gotland und Oesel. **Rothpletz.** 6050.

*Syndyograptus pecten* n. gen. et sp. New York, Champlainic. **Ruedemann.** 6053.

## 0831 55 UPPER PALAEOZOIC.

**Penecke.** 5966. Ueber eine neue Korallengattung aus der Permformation von Timor. (Deutsch.)

### SPECIAL.

*Amplexi-Zaphrentis* n. subgen. Ireland. **Vaughan.** 5869.

*Campophyllum caninoides* n. sp. England. **Sibly.** 6116.

*Carcinophyllum mendipense* n. sp. England. **Sibly.** 6116.

*Chaunograptus gracilis* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Cladopora* nn. spp. Texas, Guadalupean. **Girty.** 5622.

*Clisiophyllum curkeense* n. sp. Ireland. **Vaughan.** 5869.

*Cyathaxonia dissimilis* n. sp. Central Asiatic Russia. **Gröber.** 5647.

——— nn. spp. Ireland. **Vaughan.** 5869.

*Dendrograptus carnicus* n. sp. Italy. **Vinassa de Regny.** 6214.

*Desmograptus italicus* n. sp. Italy. **Vinassa de Regny.** 6214.

*Lindstroemia* nn. spp. Texas, Guadalupean. **Girty.** 5622.

*Lithostrotion cyathophylloides* n. sp. Ireland. **Vaughan.** 5869.

*Lyopora gigantea* n. sp. Bolivia. **Knod.** 5768.

*Michelinia transitoria* n. sp. Bolivia. **Knod.** 5768.

*Monograptus colonus* var. *intermedia* n. var. **Vinassa de Regny.** 6214.

*Pleurodictyum lenticulare laurentinum* n. var. Quebec, Devonian. **Clarke.** 5454.

*Ptilograptus percorrugatus* n. gen. et sp. Kentucky, Devonian, *Dendrograptidae*. **Ruedemann.** 6053.

*Verbeekia permica* n. sp. **Penecke.** 5966.

*Verbeekiella* n. nom. **Penecke.** 5965.

*Zaphrentis palmeri* n. sp. Missouri, Carboniferous. **Rowley.** 6052.

## 0831.60 MESOZOIC (GENERAL).

**Vadász.** 6207. Fossile Korallenriffe. (Ungarisch.)



## 0831.70 JURASSIC.

*Ephyropsites jurassicus* n. gen. et sp.  
**Ammon.** 5289.

*Isastraea osascoi* n. sp. Italy.  
**Airaghi.** 5281.

*Montlivaultia* nn. spp. Italy. **Airaghi.** 5281.

*Thamnastraea nagi* n. sp. Italy.  
**Airaghi.** 5281.

*Thecosmilia veneta* n. sp. Italy.  
**Airaghi.** 5281.

## 0831.75 CRETACEOUS.

*Aphragmastraea* nn. spp. Russia.  
**Karakaš.** 5748.

*Aspidiscus sembac* n. sp. N. E. Africa. **Kossmat.** 5778.

*Centrastraea sablensis* n. sp. Russia.  
**Karakaš.** 5748.

*Elasmophyllia robusta* n. sp. Asiatic Turkey. **Felix.** 5576.

*Eugyra pontica* n. sp. Russia.  
**Karakaš.** 5748.

*Favia* nn. spp. Russia. **Karakaš.** 5748.

*Isastraea* nn. spp. Russia. **Karakaš.** 5748.

————— *fascigera* n. sp. Asiatic Turkey. **Felix.** 5576.

*Latimeandraraea duboisi* n. sp. Russia.  
**Karakaš.** 5748.

*Phyllocoenia fromenteli* n. sp. Russia.  
**Karakaš.** 5748.

*Rhabdophyllia baali* n. sp. Asiatic Turkey. **Felix.** 5576.

*Stephanocoenia melkarthi* n. sp. Asiatic Turkey. **Felix.** 5576.

*Stylina* nn. spp. Asiatic Turkey.  
**Felix.** 5576.

*Stylocoenia* n. sp. Russia. **Karakaš.** 5748.

0831.80 CAENOZOIC (TERTIARY)  
(GENERAL).

*Astrocoenia foliacea* var. *lobata* n. var. Ceram. **Dollfus.** 5525.

*Caryophyllia sebastiana* n. sp. Central and South America. **Steinmann & Wilkens.** 6189.

*Isis hamiltoni* n. sp. New Zealand. **Thomson.** 6182.

*Oculina mississippiensis* var. *patagonica*. Buenos Aires. **Angelis d'Ossat (De).** 5296.

*Prionastraea verbeeki* n. nom. **Dollfus.** 5525.

0831.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).

*Bosnopsammia katzeri* n. gen. et sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

*Stylocoenia epithecata* n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

0831.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).

*Favia humei* n. sp. Egypt. **Gregory.** 5644.

*Leptastraea barroni* n. sp. Egypt. **Gregory.** 5644.

*Orbicella mellahica* n. sp. Egypt. **Gregory.** 5644.

*Prionastraea lyonsi* n. sp. Egypt. **Gregory.** 5644.

*Solenastraea elliptica* n. sp. Egypt. **Gregory.** 5644.

*Stylina tetramera* n. sp. Egypt. **Gregory.** 5644.

*Stylocoenia tuberculata* n. sp. Egypt. **Gregory.** 5644.

## 1031 ECHINODERMATA.

## 1031.39 GENERAL.

## GENERAL.

**Strand.** 6173. Echinodermata (mit Einschluss der fossilen) für 1899, 1900, 1905 und 1906.

## SPECIAL.

*Acrosalenia colcanapi* n. sp. Madagascar. **Cottreau.** 5490.

*Apsidoerinus* n. gen. **Jaekel.** 5729.

*Diplodetus gantieri* n. sp. Madagascar. **Cottreau.** 5490.

*Echinospatagus gaudryi* n. sp. Madagascar. **Cottreau.** 5490.

*Hemiaster boulei*, *Hemiaster (Leucaster) lamberti* nn. spp. Madagascar. **Cottreau.** 5490.

*Holopocrinites* n. sub order. **Jaekel.** 5729.

*Lonchoerinus* n. gen. **Jaekel**. 5729.

*Pilocrinus* n. gen. **Jaekel**. 5729.

*Proholopus* n. gen. **Jaekel**. 5729.

*Pseudolopus* n. gen. **Jaekel**. 5729.

### 1031.50 LOWER PALAEOZOIC.

**Sardeson**. 6060. Discoid crinoidal roots and *Camarocrinus*.

**Slocum**. 6132. New crinoids from the Chicago area.

#### SPECIAL.

*Achradoerinus patulus* n. sp. Illinois, Niagaran limestone. **Slocum**. 6132.

*Botryocrinus*. **Bather**. 5326.

*Camarocrinus*. **Sardeson**. 6060.

*Habrocrinus* nn. spp. Illinois, Niagaran limestone. **Slocum**. 6132.

*Platyerinus angusta* n. sp. Illinois, Niagaran limestone. **Slocum**. 6132.

*Pololithus* n. gen., nom. et spp. Minnesota, Ordovician. **Sardeson**. 6060.

*Stephanocrinus* nn. spp. Illinois, Niagaran limestone. **Slocum**. 6132.

*Thysanocrinus campamulatus* n. sp. Illinois, Niagaran limestone. **Slocum**. 6132.

*Zophocrinus* nn. spp. Illinois, Niagaran limestone. **Slocum**. 6132.

### 1031.55 UPPER PALAEOZOIC.

*Batocrinus curiosus* n. sp. Missouri, Carboniferous. **Rowley**. 6052.

*Botryocrinus*. **Bather**. 5326.

*Codonites stelliformis catactus* n. var. Missouri, Carboniferous. **Rowley**. 6052.

*Coenocystis richardsoni* n. gen. et sp. n. Texas, Guadalupian. **Girty**. 5622.

*Cyathocrinus elongatus*. Bolivia. **Knod**. 5768.

*Leptodiscus corrugatus* n. gen. et sp. Missouri, Carboniferous. **Rowley**. 6052.

*Platyerinus dodgii* n. sp. Missouri, Carboniferous. **Rowley**. 6052.

*Poteriocrinus jeffriesi* n. sp. Missouri, Carboniferous. **Rowley**. 6052.

*Schizoblastus*. **Bather**. 5327.

————— nn. spp. Indo-Australian Archipel. **Boehm**. 5349.

### 1031.65 TRIASSIC.

*Encrinus*. Dobrudscha. **Kittl**. 5766.

### 1031.70 JURASSIC.

*Acrosalenia lemoinei* n. sp. Madagascar. **Lambert** et **Lemoine**. 5793.

*Dialemopsis helvetica* n. sp. Württemberg. **Tornquist**. 6185.

*Diplocidaris jacqueti* n. sp. France. **Lambert**. 5788.

*Engelda* n. gen. Württemberg. **Tornquist**. 6185.

*Henipedina parvula* n. sp. Württemberg. **Tornquist**. 6185.

*Hypodiadema menuthias* n. sp. Madagascar. **Lambert** et **Lemoine**. 5793.

*Palaeopedina sondeljugensis* n. sp. Württemberg. **Tornquist**. 6185.

### 1031.75 CRETACEOUS.

*Acanthechinopsis* n. gen. et spp. **Gregory**. 5645.

*Asterosoma radiceforme*. **Morin**. 5907.

*Cassidulus ferganensis* n. sp. Fergana. **Faas**. 5567.

*Cylaris ralletti* n. sp. Paris. **Lambert**. 5790.

*Circopeltis peroni*. Paris. **Lambert**. 5790.

*Coptosoma gummehensis* n. sp. Sinai and Egypt. **Gregory**. 5645.

*Cyphosoma beadnelli* n. sp. Sinai and Egypt. **Gregory**. 5645.

*Diplodetus pyrenaicus* n. sp. Haute-Garonne. **Lambert**. 5787.

*Echinobrissus (Nuculolites)* n. sp. Fergana. **Faas**. 5567.

————— *tauricus* n. sp. Russia. **Karakaš**. 5748.

*Echinocorys tercensis* n. sp. Haute-Garonne. **Lambert**. 5787.

Echinoidea. England. **Sherborn**. 6111.

*Echinolampas feiranensis* n. sp. Sinai and Egypt. **Gregory**. 5645.

*Epiaster* nn. spp. N. E. Africa. **Kossmat**. 5778.

*Garummaster michaleti* n. gen. et sp. Haute-Garonne. **Lambert**. 5787.

*Glypticus lamberti*. **Sequin**. 6100.

*Goniopygus* nn. spp. Haute-Garonne. **Lambert.** 5787.

*Hemiasiter senhac* n. sp. N. E. Africa. **Kossmat.** 5778.

*Heterodiadema bigranulatum* n. sp. Sinai and Egypt. **Gregory.** 5645.

*Holectypus proximus* n. sp. Haute-Garonne. **Lambert.** 5787.

*Linthia bazarquéi* n. sp. Haute-Garonne. **Lambert.** 5787.

*Micraster.* France. **Grossolet.** 5633.

*Micropedina bipatellis* n. sp. Sinai and Egypt. **Gregory.** 5645.

*Micropsis cerizolsensis* n. sp. Haute-Garonne. **Lambert.** 5787.

*Nucleopygus carezi* n. sp. Haute-Garonne. **Lambert.** 5787.

*Phymosma* nn. spp. Haute-Garonne. **Lambert.** 5787.

*Plesiolampas paquier* n. sp. Central Africa. **Lambert.** 5786.

*Protobrissus mortenseni* n. gen. et sp. Haute-Garonne. **Lambert.** 5787.

*Rachiosoma lorioli* n. sp. Haute-Garonne. **Lambert.** 5787.

*Salenia paquieri* n. sp. Haute-Garonne. **Lambert.** 5787.

*Thylecthinus* nn. spp. Sinai and Egypt. **Gregory.** 5645.

### 1031.80 CAENOZOIC (TERTIARY) (GENERAL).

**Weaver.** 6233. New echinoids from the Tertiary of California.

#### SPECIAL.

*Clypeaster howersi* n. sp. California, Tertiary. **Weaver.** 6233.

*Linthia* (?) *californica* n. sp. California, Tertiary. **Weaver.** 6233.

*Schizaster* (?) *stalderi* n. sp. California, Tertiary. **Weaver.** 6233.

*Scutella perrini* n. sp. California, Tertiary. **Weaver.** 6233.

### 1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

*Cidaris branneri* n. sp. California, Oligocene. **Arnold.** 5309.

———— *merriami* n. sp. California, Eocene. **Arnold.** 5309.

*Dorocidaris bazerquei* n. sp. Haute-Garonne. **Lambert.** 5791.

*Echinanthus angustimcostes* n. sp. Haute-Garonne. **Lambert.** 5791.

*Echinidae.* France. **Baquié.** 5315.

*Brissospatangus huwei* n. sp. Egypt. **Fourtau.** 5583.

*Echinolampas subcylindricus* var. *rojanensis* n. var. Egypt. **Fourtau.** 5583.

*Euspatangus cleopatras* n. sp. Egypt. **Fourtau.** 5583.

*Salenia* (*Pleurosalenia*) *cristata* n. sp. Egypt. **Fourtau.** 5583.

*Schizaster vicinalis* var. *libyeus* n. var. Egypt. **Fourtau.** 5543.

### 1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE). GENERAL.

**Stefanini.** 6149. Echini fossili del miocene medio dell' Emilia.

#### SPECIAL.

*Amphiura sanctaerucis* n. sp. California, Miocene. **Arnold.** 5310.

*Cidaris scarabellii.* Lombardia. **Nelli.** 5920.

*Clypeaster capellini.* Lombardia. **Nelli.** 5920.

*Echinocyamus* n. sp. Sicilia. **Checchia-Rispoli.** 5440.

*Echinolampas.* Italy. **Fabiani.** 5569.

———— n. sp. et var. Lombardia. **Nelli.** 5920.

———— *ugolinii* n. sp. **Stefanini.** 6148.

*Echinus batheri* n. sp. Sicilia. **Checchia-Rispoli.** 5440.

*Eupatagus* nn. spp. et nomm. San Marino. **Nelli.** 5920.

*Pliolampas titanensis* n. sp. San Marino. **Nelli.** 5920.

*Psanmechinus manzoni* n. sp. Lombardia. **Nelli.** 5920.

*Scutella airaghii* n. sp. Lombardia. **Nelli.** 5920.

*Scutellina* (*Porpitella*) *alexati* n. sp. Asie centrale. **Cottreau et Alexat.** 5491.

*Spatangus* nn. spp. Sicilia. **Checchia-Rispoli.** 5440.

- Sphaerechinus scillae*. Sicilia. **2031.50** LOWER PALAEOZOIC.  
**Checchia Rispoli**. 5440.  
 GENERAL.
- Tristomastus lecointseae* n. sp. Touraine. **Lambert**. 5789.  
**1031.95** PLEISTOCENE AND RECENT.  
*Pericosmus timorensis* n. sp. Timor. **Lambert**. 5792.
- 1831** VERMES.  
**1831.55** UPPER PALAEOZOIC.  
*Spirorbis latissimus* n. sp. Quebec, Devonian. **Clarke**. 5454.  
 ——— *texanus* n. sp. Texas, Guadalupian. **Girty**. 5622.  
*Tentaculites* nn. spp. Quebec, Devonian. **Clarke**. 5454.
- 1831.70** JURASSIC.  
*Serpula rotundogadrata* n. sp. Germany. **Krause**. 5780.
- 1831.75** CRETACEOUS.  
 GENERAL.  
**Weigner**. 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der Cenomanen Sande von Nizniów. (Polish.)  
 SPECIAL.  
*Serpula markmani* n. sp. Colorado, Cretaceous. **Henderson**. 5673.
- 1831.85** LOWER CAENOZOIC (EOCENE, OLIGOCENE).  
 Polychaeta. Holland. **Leriche**. 5815.
- 1831.90** UPPER CAENOZOIC (MIOCENE, PLIOCENE).  
 Annelida. **Douvillé**. 5536.  
*Serpula subnummus* n. sp. Lombardia. **Nelli**. 5920.
- 2031** BRACHIOPODA AND BRYOZOA.  
 BRACHIOPODA.  
**2031.39** GENERAL.  
 Strophomenacea. **Jakovlev**. 5732.
- GENERAL.  
**Walcott**. 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species. No. 4. Classification and terminology of the Cambrian Brachiopoda.  
**Schmidt**. 6072. Zur Kenntniss der ostbaltischen, vorzüglich untersilurischen, Brachiopoden der Gattungen *Plectambonites* Pand., *Leptaena* Dalm. und *Strophomena* Blainv.
- SPECIAL.  
*Aerothete* nn. spp. et var. Sweden, Quebec, United States, Florida, Norway and France. Ordovician and Cambrian. **Walcott**. 6222.  
*Aerothelinae*. Walcott and Schuchert n. subfam. **Walcott**. 6222.  
*Aerotretra* nn. spp. et var. Tennessee, Utah, Oklahoma, Cambrian. **Walcott**. 6222.  
*Aeroretacea* Schuchert, emended. **Walcott**. 6222.  
*Aeroretinae* Walcott and Schuchert n. subfam. **Walcott**. 6222.  
 Atremata Beecher, emended. **Walcott**. 6222.  
*Bicimae* Walcott and Schuchert n. subfam. **Walcott**. 6222.  
*Billingella* nn. spp. Wisconsin, British Columbia, Cambrian. **Walcott**. 6222.  
*Botsfordia ? barrandei* n. sp. Spain, Cambrian. **Walcott**. 6222.  
*Clarkella* n. gen. Montana, Ordovician. **Walcott**. 6222.  
*Curticiidae* Walcott and Schuchert n. fam. **Walcott**. 6222.  
*Dearbornia clarki* n. gen. et sp. Montana, Cambrian. **Walcott**. 6222.  
*Dicellonius* nn. spp. China, Utah, Cambrian. **Walcott**. 6222.  
*Elkaniinae* Walcott and Schuchert n. subfam. **Walcott**. 6222.  
*Eoorthinae* n. subfam. **Walcott**. 6222.  
*Eoorthis* n. gen. et spp. Utah, Cambrian. **Walcott**. 6222.  
*Fordinia* n. subgen. **Walcott**. 6222.

*Huenella* n. gen. et spp. South Australia and Utah, Cambrian. **Walcott.** 6222.

*Kutorginaea* Walcott and Schuchert n. superfam. **Walcott.** 6222.

*Lingula* (?) *ovata* n. sp. New York, Ordovician. **Cleland.** 5457.

*Lingulella* nn. spp. et var. United States, Cambrian and Ordovician. **Walcott.** 6222.

*Linnarssonella* nn. spp. Utah, Cambrian. **Walcott.** 6222.

*Mickwitzella* n. subgen. **Walcott.** 6222.

*Mickwitzia* nn. spp. Western United States, Sweden, Cambrian. **Walcott.** 6222.

*Micromitra* nn. spp. et var. Western United States, Cambrian. **Walcott.** 6222.

*Neobolinae* Walcott and Schuchert n. subfam. **Walcott.** 6222.

Neotremata Beecher, emended. **Walcott.** 6222.

*Nisusia* nn. spp. British Columbia and United States, Cambrian. **Walcott.** 6222.

*Nisusiinae* Walcott and Schuchert n. subfam. **Walcott.** 6222.

*Obolacea* Schuchert, emended. **Walcott.** 6222.

*Obolellidae* Walcott and Schuchert n. fam. **Walcott.** 6222.

*Obolidae* King, emended. **Walcott.** 6222.

*Obolinae* Dall, emended. **Walcott.** 6222.

*Obolus* nn. spp. et var. British Columbia, Alberta and Western United States, Cambrian. **Walcott.** 6222.

*Orthacea* Walcott and Schuchert n. superfam. **Walcott.** 6222.

*Paterinidae* Schuchert, emended. **Walcott.** 6222.

*Pentameracea* Schuchert, emended. **Walcott.** 6222.

*Pholidostrophia*? *parksi* n. sp. Missouri, Silurian. **Rowley.** 6052.

*Platystrophia* nn. varr. Indiana, Ordovician. **Cummings.** 5490.

Protremata Beecher, emended. **Walcott.** 6222.

*Rafinesquina alternata ponderosa* n. var. Indiana, Ordovician. **Cummings.** 5496.

*Redlichella* n. subgen. **Walcott.** 6222.

*Rustellacea* n. superfam. **Walcott.** 6222.

*Rustellidae* n. fam. **Walcott.** 6222.

*Schuchertinidae* n. fam. **Walcott.** 6222.

*Siphonotreta* Walcott and Schuchert n. superfam. **Walcott.** 6222.

*Siphonotretidae* Kutorga, emended. **Walcott.** 6222.

*Syntrophia* nn. spp. Utah, Tennessee, Cambrian. **Walcott.** 6222.

*Trematobolus excelsis* n. sp. California, Cambrian. **Walcott.** 6222.

*Wimanella* n. gen. et spp. United States and British Columbia, Cambrian. **Walcott.** 6222.

## 2031 55 UPPER PALAEOZOIC.

**Kindle.** 5762. The fauna and stratigraphy of the Jefferson limestone in the northern Rocky mountain region.

**Whitfield.** 6244. Carboniferous fossils [Brachiopoda] and semifossil shells [*Astarte borealis* and *Saxicava rugosa*], brought home by members of the Peary expedition of 1905-1906.

**Williams.** 6249. The Dalmanellas of the Chemung formation, and a closely related new brachiopod genus *Thiemella*.

### SPECIAL.

*Ambocoelia planiconvexa guadalupensis* n. var. Texas, Guadalupian. **Girty.** 5622.

*Aretitreta pearyi* n. gen. et sp. Grant Land, Carboniferous. **Whitfield.** 6244.

*Athyris ambonensis* n. sp. Indo-Australischen Archipel. **Boehm.** 5349.

*Athyris hera* n. sp. Quebec, Devonian. **Clarke.** 5454.

————— *montanensis* n. sp. Montana, Devonian. **Kindle.** 5762.

*Atrypa desquamata* n. var. Italy. **Gortani.** 5631.

*Atrypa spinosa montanensis* n. var. Montana, Devonian. **Kindle.** 5762.

*Aulosteges* n. var. et sp. Texas, Guadalupian. **Girty.** 5622.

- Beachia amplexa* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Camarophorella mutabilis* n. gen. et sp. Ohio, Carboniferous. **Hall & Clarke**, 5722.
- Camarophoria venusta* n. sp. Texas, Guadalupian. **Girty**. 5622.
- Chonetes* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Chonetes billingsi* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Chonetes grandifer*. **Greene**. 5642.
- Composita* n. sp. et varr. Texas, Guadalupian. **Girty**. 5622.
- Crania* nn. spp. Missouri, Carboniferous. **Rowley**. 6052.
- Cranicella grandirorensis* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Cranocna morsii* n. sp. Missouri, Devonian. **Greger**. 5643.
- Cryptonella* (?) *elsi* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Dalmanella* nn. spp. et varr. New York, Devonian. **Williams**. 6249.
- Dalmanella penouli* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Derbya emended* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Dielasma* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Dielasma ambonense* n. sp. Indo-Australischen Archipel. **Boehm**. 5349.
- Euteletes* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Gaspesia* n. gen. Quebec, Devonian. **Clarke**. 5454.
- Geyerella americana*. Texas, Guadalupian. **Girty**. 5622.
- Glossina acer* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Hartina indianensis* n. sp. Iowa, Carboniferous. **Girty**. 5622A.
- Heterelasma* n. gen. et spp. Texas, Guadalupian. **Girty**. 5622.
- Hustedia* n. var. et sp. Texas, Guadalupian. **Girty**. 5622.
- Hypothyris* (?) *globularis* n. sp. Montana, Devonian. **Kindle**. 5762.
- Karpinskya consuelo* n. sp. et varr. Italy. **Gortani**. 5631.
- Leiorhynchus utahensis* n. sp. Utah, Devonian. **Kindle**. 5762.
- Leptodus* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Leptostrophia tardiji* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Lingula* nn. spp. Bolivia. **Knod**. 5768.
- nn. spp. Missouri, Devonian (?) Carboniferous. **Rowley**. 6052.
- *elliptica* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Martinia* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- *triquetra* var. *pentagona* n. var. Central Asiatic Russia. **Gröber**. 5647.
- Meckella* nn. spp. Texas, Guadalupian. **Girty**. 5622.
- Megalanteris thunei* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Meristella champlaini* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Notothyris* n. sp. et var. Texas, Guadalupian. **Girty**. 5622.
- Orbiculoidea limata* n. sp. Missouri, Carboniferous. **Rowley**. 6052.
- *montis* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Orthis foro-juliensis* n. f. Clymenie del Monte Primosio. **Gortani**. 5631.
- Orthostrophia canadensis* n. sp. Quebec, Devonian. **Clarke**. 5454.
- Orthotetes* nn. spp. et var. Texas, Guadalupian. **Girty**. 5622.
- Italy. **Gortani**. 5631.
- *woolworthianus gaspensis* n. mut. Quebec, Devonian. **Clarke**. 5454.
- Pentamerus*. Italy. **Gortani**. 5631.
- Productus* nn. varr. Gera. **Eisel**. 5556.
- nn. spp. et varr. Texas, Guadalupian. **Girty**. 5622.
- *semireticulatus arctica* n. var. Grant Land, Carboniferous. **Whitfield**. 6244.
- Ptychospiri variegata* n. sp. S. Africa. **Reed**. 6014.
- Pugnax?* nn. varr. et spp. Texas, Guadalupian. **Girty**. 5622.

*Pugnax? weeksi* n. sp. Idaho, Carboniferous. **Girty.** 5622A.

*Rensselacria montaguensis* n. sp. S. Africa. **Reed.** 6017

———— *ovoides gaspensis* n. var. Quebec, Devonian. **Clarke.** 5454.

*Rhipidomella* nn. spp. Quebec, Devonian. **Clarke.** 5454.

*Rhynchonella* nn. spp. Italy. **Gortani.** 5631.

———— *longaera* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Rhynchopora ambonensis* n. sp. Indo-Australischen-Archipel. **Boehm.** 5349.

*Scaphioecolia (?) africana* n. sp. S. Africa. **Reed.** 6014.

———— *africana* var. *elizabethae* n. var. S. Africa. **Reed.** 6017.

*Selizophoria? amii* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Schuchertella extensus* n. sp. Montana, Devonian. **Kindle.** 5762.

*Seminula buckleyi* n. sp. Missouri, Carboniferous. **Rowley.** 6052.

*Spirifer mexicanus compactus* n. var. Texas, Guadalupian. **Girty.** 5622.

———— *modestus nitidulus* n. var. Quebec, Devonian. **Clarke.** 5454.

———— *occidentalis* n. sp. Montana, Devonian. **Kindle.** 5762.

———— *plano convexus* n. sp. Bolivia. **Knod.** 5768.

*Spiriferina* nn. spp. Indo-Australischen Archipel. **Boehm.** 5349.

———— nn. varr. et spp. Texas, Guadalupian. **Girty.** 5622.

*Squamularia* nn. varr. Texas, Guadalupian. **Girty.** 5622.

*Streptorhynchus* nn. spp. Texas, Guadalupian. **Girty.** 5622.

*Strophalosia hystriacula* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Stropheodonta* n. sp. et nn. mutt. Quebec, Devonian. **Clarke.** 5454.

———— *katzeri* n. sp. Bolivia. **Knod.** 5768.

———— *rosieri* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Strophonella continens* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Syringothyris arctica* n. sp. Grant Land, Carboniferous. **Whitfield.** 6244.

*Tegulifera* nn. spp. North Eastern United States. Kansas, Carboniferous. **Girty.** 5622A.

*Thiemella villenovia* n. gen. et sp. New York, Devonian. **Williams.** 6249.

## 2031.65 TRIASSIC.

*Discina pascui* n. f. Dobrudscha. **Kittl.** 5766.

*Koninekina productiformis* n. f. Dobrudscha. **Kittl.** 5766.

*Rhynchonella eupentagona* n. f. Dobrudscha. **Kittl.** 5766.

*Spiriferina \*primarialis* n. f. Dobrudscha. **Kittl.** 5766.

## 2031.70 JURASSIC.

### GENERAL.

**Boden.** 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negrar.

### SPECIAL.

*Rhynchonella acutiplicata.* Cottswold. **Buckman.** 5400.

———— *selliformis* n. sp. Poland. **Lewinski.**

———— *uncinacostata* n. sp. Germany. **Krause.** 5780.

*Spiriferina rostrata* var. *madagascariensis* n. var. Madagascar. **Thevenin.** 6180.

*Terebratula zietenii* var. *quadrata* n. var. Brünn. **Oppenheimer.** 5936.

## 2031.75 CRETACEOUS.

### GENERAL.

**Wegner.** 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

### SPECIAL.

*Rhynchonella* nn. spp. Russia. **Karakaš.** 5748.

*Terebratella minima* n. sp. Russia. **Karakaš.** 5748.

———— *nataliae* n. sp. Central Russia. **Chimenkov,** V. 5445.

*Zeilleria* nn. spp. Russia. **Karakaš.** 5748.

## BRYOZOA.

## 2031.50 LOWER PALAEOZOIC.

*Bythopora ubrichi* n. sp. Gothland. **Hennig.** 5676.

*Callopora frondosa* n. sp. Indiana, Ordovician. **Cummings.** 5490.

— nn. spp. Gothland. **Hennig.** 5676.

*Ceramopora* nn. spp. Gothland. **Hennig.** 5676.

*Crepidopora lunariata* n. sp. Gothland. **Hennig.** 5676.

*Cyclotrypa* nn. spp. Gothland. **Hennig.** 5676.

*Eridotrypa* nn. spp. Gothland. **Hennig.** 5676.

*Fistulipora* nn. spp. Gothland. **Hennig.** 5676.

*Homotrypa constellariformis* n. sp. Indiana, Ordovician. **Cummings.** 5490.

*Mesotrypa suprasilurica* n. sp. Gothland. **Hennig.** 5676.

*Monotrypa gotlandica* n. sp. Gothland. **Hennig.** 5676.

*Prasopora gotlandica* n. sp. Gothland. **Hennig.** 5676.

*Spatiopora* nn. spp. Gothland. **Hennig.** 5676.

## 2031.55 UPPER PALAEOZOIC.

*Acanthocladia guadalupeensis* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Actinotrypa? sera* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Damopora?* nn. spp. Texas, Guadalupian. **Girty.** 5622.

*Fenestella* nn. spp. Texas, Guadalupian. **Girty.** 5622.

*Fistulipora* n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

*Goniocladia americana* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Hederella blainvillii* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Leioctema shumardi* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Monotrypa ravitabulata* n. sp. Bolivia. **Knod.** 5768.

*Stenopora* n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

*Thamniscus digitatus* n. sp. Texas, Guadalupian. **Girty.** 5622.

## 2031.75 CRETACEOUS.

*Cribrilina* nn. spp. England. **Brydone.** 5398.

*Eschara rowei* n. sp. England. **Brydone.** 5398.

*Haploecia* nn. spp. Vendôme. **Filliozat.** 5578.

*Membranipora* nn. spp. England. **Brydone.** 5398.

*Mucronella batheri* n. sp. England. **Brydone.** 5398.

*Rhagasostoma parvicella* n. sp. Vendôme. **Filliozat.** 5578.

*Rosselliana crassa* n. sp. Vendôme. **Filliozat.** 5578.

*Semieschara* nn. spp. England. **Brydone.** 5398.

*Semimuldelea dixonii* n. sp. Lang. 5796.

*Sparsicytis* n. gen. et spp. Vendôme. **Filliozat.** 5578.

2031.80 CAENOZOIC (TERTIARY).  
(GENERAL).

*Caberoidea* n. gen. et spp. Paris. **Canu.** 5415.

*Calvetina ventricosa* n. gen. et n. sp. Paris. **Canu.** 5415.

*Catenice'la granulosa* n. sp. Paris. **Canu.** 5415.

*Diastopora sparsipora* n. sp. France. **Canu.** 5414.

*Heterocella lerichei* n. sp. France. **Canu.** 5414.

*Heteropora aquitanica* n. sp. France. **Canu.** 5414.

*Hippoporina* nn. spp. Paris. **Canu.** 5415.

*Hippothoa aquitanica* n. sp. France. **Canu.** 5414.

*Membranipora falloti* n. sp. France. **Canu.** 5414.

*Meniscopora* nn. spp. Paris. **Canu.** 5415.

*Pyripora tuberosa* n. sp. France. **Canu.** 5414.

*Retepora orglandesii* n. sp. Paris. **Canu.** 5415.



*Rhamphostomella bursauxi* n. sp.  
Paris. **Canu**. 5415.

*Schizoporella nuda* n. sp. Paris.  
**Canu**. 5415.

*Schizostoma* n. gen. et spp. Paris.  
**Canu**. 5415.

*Smittia (Porella)* nn. spp. Paris.  
**Canu**. 5415.

*Smittisoma microporum* n. gen. et sp.  
Paris. **Canu**, 5415.

*Taphrostoma spinosum* n. gen. et sp.  
Paris. **Canu**. 5415.

*Tubucellaria punctata* n. sp. France.  
**Canu**. 5414.

2031.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).

*Defrancia aspidoides* n. sp. Bayern.  
**Beutter**. 5345.

*Hornera circumporosa* n. sp. Bayern.  
**Beutter**. 5345.

*Idmonea* nn. spp. Bayern. **Beutter**.  
5345.

*Spiropora idmonoides* n. sp. Bayern.  
**Beutter**. 5345.

2031.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).

GENERAL.

**Arnold**. 5308. Geology and oil resources of the Summerland district, Santa Barbara county, California.

SPECIAL.

*Fascicularia multiramosa* n. sp. Patagonia. **Steinmann & Wilckens**. 6159.

2231 MOLLUSCA.

2231.75 CRETACEOUS.

GENERAL.

**Henderson**. 5673. New species of Cretaceous invertebrates from northern Colorado.

**Schmidt**, 6074. Die Kreidebildungen der Kainach.

**Shimer & Blodgett**. 6115. The stratigraphy of the Mt. Taylor region, New Mexico.

**Weigner**. 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

(K-4794)

**Wiśniowski**. 6262. Ueber die oberene Flyschfauna von Leszczyny.

2231.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).

**Aldrich**. 5284. New Eocene fossils from Alabama and Mississippi.

2231.95 PLEISTOCENE AND  
RECENT.

GENERAL.

**Lomnicki**. 5841. Die Mollusken im pleistocänen Thon des Mammuthschachtes in Starunia. (Polish.)

CEPHALOPODA.

2231.39 GENERAL.

SPECIAL.

*Ammonites*. **Diener**. 5520; **Steinmann**. 6157.

*Macrocephalites*. Indo-Australischer Archipel. **Boehm**. 5348.

2231.50 LOWER PALAEOZOIC.

*Cyrtoceras gracilis* n. sp. New York, Ordovician. **Cleland**. 5457.

2231.55 UPPER PALAEOZOIC.

*Aeyoceras landui* n. sp. Indo-Australischer Archipel. **Boehm**. 5349.

*Agathiceras timorensis* n. sp. Indo-Australischer Archipel. **Boehm**. 5349.

*Agathoceras texanum* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Centroceras* nn. spp. **Wedekind**. 6235.

*Clymenia* nn. spp. Germany. **Wedekind**. 6235.

*Cyrtoceras* nn. spp. Germany. **Wedekind**. 6235.

———— *albani* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Daraelites elegans* n. sp. Ural. **Černov**. 5433.

*Dimerocheras* nn. spp. Germany. **Wedekind**. 6235.

*Foordoceras* n. sp. et var. Texas, Guadalupian. **Girty**. 5622.

*Gastrioceras ? serratum* n. sp. Texas, Guadalupian. 5622.

*Gephyroceras superstes* n. sp. Germany. **Wedekind**. 6235.

*Gyroceras* (?) *balli* n. sp. Germany.  
**Wedekind.** 6235.

*Harpoceras laudii* n. sp. Indo-Australischer Archipel. **Boehm.** 5349.

*Kionoceras* n. sp. Quebec, Devonian.  
**Clarke.** 5151.

*Medlicottia magnotuberculata* n. sp. Ural. **Černov.** 5433.

*Nautilus culmeasis* n. sp. Oberharz.  
**Andrée.** 5291.

*Orthoceras* m. spp. Germany.  
**Wedekind.** 6235.

———— *guadalupense* n. sp. Texas, Guadalupian. **Girty.** 5622.

———— *minimum* n. sp. Missouri, Carboniferous. **Rowley.** 6052.

*Paracitites degans* n. sp. Texas, Guadalupian. **Girty.** 5622.

*Parapronovites* m. spp. Ural.  
**Černov.** 5433.

*Poteroiceras* m. spp. Germany.  
**Wedekind.** 6235.

*Perisphinctes* m. spp. Indo-Australischer Archipel. **Boehm.** 5349.

*Perirochia* n. gen. et sp. Texas, Guadalupian. **Girty.** 5622.

*Prolobites* n. var. et sp. **Wedekind.** 6235.

*Tornoceras esoli* var. *carnicum* n. var. Clymenie del Monte Primosio.  
**Gortani.** 5631.

*Sporadoceras* m. spp. Germany.  
**Wedekind.** 6235.

*Tornoceras* m. spp. Germany.  
**Wedekind.** 6235.

*Waagenoceras cummingsi guadalupense* n. var. Texas, Guadalupian.  
**Girty.** 5622.

## 2231.60 MESOZOIC GENERAL.

*Akidocheilus* n. gen. et spp. **Till.** 6183.

*Apychus crassissimus* n. sp. Südamerika. **Haupt.** 5667.

*Aspidoceras steinmanni* n. sp. Südamerika. **Haupt.** 5667.

*Gonatocheilus* n. gen. et spp. **Till.** 6183.

*Hadrocheilus* n. gen., spp. et nomm. **Till.** 6183.

*Leptocheilus* n. gen. et spp. **Till.** 6183.

*Neumayria pseudoolithica* n. sp. Südamerika. **Haupt.** 5667.

*Oxynotoceras oxynotum.* **Knapp.** 5767.

*Perisphinctes argentinus* n. sp. Südamerika. **Haupt.** 5667.

## 2231.65 TRIASSIC.

*Arestes* (*Pararestes*) m. ff. et varr. Dobrudscha. **Kittl.** 5766.

*Arpalites* (*Dittmarites*) *realichi* n. f. Dobrudscha. **Kittl.** 5766.

*Atractites paliformis* n. f. Dobrudscha. **Kittl.** 5766.

*Ceratites compressus.* Deutschland. **Fischer.** 5579.

*Cladiscites primitivus* n. f. Dobrudscha. **Kittl.** 5766.

*Clonites* (*Protrachyceras*) n. nom. et ff. Dobrudscha. **Kittl.** 5766.

*Danubites celtoides* n. f. Dobrudscha. **Kittl.** 5766.

*Dictyoconites konjarsensis* n. f. Dobrudscha. **Kittl.** 5766.

*Dobroyeites tirolitiformis* n. gen. et sp. Dobrudscha. **Kittl.** 5766.

*Gymnites agamennovis* n. sp. Balkan Peninsula. **Frech.** 5587.

*Hungarites danubii* n. f. Dobrudscha. **Kittl.** 5766.

*Icamites* m. varr. Balkan Peninsula. **Frech.** 5587.

*Japonites argivus* n. sp. **Frech & Rentz.** 5592.

*Joannites* m. ff. Dobrudscha. **Kittl.** 5766.

———— *lorohelis* n. sp. **Frech & Rentz.** 5592.

*Jorites eusinus* n. f. Dobrudscha. **Kittl.** 5766.

*Megaphyllites* m. ff. Dobrudscha. **Kittl.** 5766.

*Monophyllites* m. ff. Dobrudscha. **Kittl.** 5766.

*Nautilus* (*Trachynautilus*) *minuens* n. f. Dobrudscha. **Kittl.** 5766.

*Orthoceras incresecens* n. f. Dobrudscha. **Kittl.** 5766.

*Procladiscites pascui* n. f. Dobrudscha. **Kittl.** 5766.

*Protrachyceras* n. var. et f. Dobrudscha. **Kittl.** 5766.

*Romanites* n. gen. et ff. Dobrudscha. **Kittl.** 5766.

*Sirenites aesculapii* n. sp. Balkan Peninsula. **Frech.** 5587.

*Syringoceras renzi* n. sp. Balkan Peninsula. **Frech.** 5587.

## 2231.70 JURASSIC.

*Aegoceras* nn. spp. Ungarn. **Vadász.** 6205.

———— *centaurus* var. *bornholmensis* n. var. Bornholm. **Malling** et **Grönwall.** 5858.

*Ammonites.* **Kilian.** 5759; **Renz.** 6028.

———— Südwest Neu-Guinea. **Rouffaer,** **Posthumus** **Meyjis,** **Rochemont.** 6051.

Ammonoidea. Siena. **Fucini.** 5602.

*Area tenuicrenata* n. sp. **Cossmann.** 5486.

*Arietites* nn. spp. Ungarn. **Vadász.**

*Aspidoceras* nn. spp. Donez Jura. **Borisiak.** 5355.

*Cardioceras borussicum* n. sp. Germany. **Krause.** 5780.

———— *lorioli* n. sp. Brünn. **Oppenheimer.** 5936.

———— *tenuistriatum* n. sp. Donez Jura. **Borisiak.** 5355.

*Cosmoceras michalskii* n. sp. Donez Jura. **Borisiak.** 5355.

*Harpoceras* (*Grammoceras*, *Hildoceras*) nn. spp. et var. Madagascar. **Thevenin.** 6180.

*Hoplites pristiophorus* n. sp. Germany. **Krause.** 5780.

*Lytoceras* n. sp. ind. Ungarn. **Vadász.** 6205.

———— *evolutum* n. sp. Ungarn. **Vadász.** 6206.

*Macrocephalites.* **Kessler.** 5752.

*Oppelia* (*Parameliceras*) *gracilis* n. sp. Brünn. **Oppenheimer.** 5936.

*Parkinsonia doneziana* n. sp. Donez Jura. **Borisiak.** 5355.

*Peltoceras uhligi* n. sp. Brünn. **Oppenheimer.** 5936.

(K-4794)

*Perispirinctes* nn. spp. Veronese Alpen. **Boden.** 5347.

———— **Lewinski.**

———— nn. spp. Brünn. **Oppenheimer.** 5936.

*Phylloceras* nn. spp. Ungarn. **Vadász.** 6205.

*Psiloceras baltzeri* n. sp. Germany. **Epstein.** 5565.

*Quenstedticeras nalickini* n. sp. Donez Jura. **Borisiak.** 5355.

*Rhacophyllites gigas* n. sp. Ungarn. **Vadász.** 6205.

*Schlothemia.* England. **Buckman.** 5101.

*Witchellia* nn. spp. Donez Jura. **Borisiak.** 5355.

## 2231.75 CRETACEOUS.

*Acanthoceras coloradensis* n. sp. Colorado, Cretaceous. **Henderson.** 5673.

———— *tuberculatum* n. sp. Russia. **Karakaš.** 5748.

*Acanthodiscus lamberti* n. sp. France. **Sayn.** 6064.

*Acanthohoplites* nn. spp. Mangyschlak and Caucasus. **Sincov.** 6131.

*Ammonites.* **Kilian.** 5758.

*Astieria* nn. spp. Russia. **Karakaš.** 5748.

*Baculites.* **Novak.** 5930.

*Belemnites patagoniensis* n. sp. Patagonia. **Favre.** 5574.

*Berriassella patagoniensis* n. sp. Patagonia. **Favre.** 5574.

*Boehianites glaber* n. sp. S. Africa. **Kitchin.** 5765.

*Costidiscus nolosocostatus* n. sp. Russia. **Karakaš.** 5748.

*Crioceras* nn. spp. Patagonia. **Favre.** 5574.

———— nn. spp. Russia. **Karakaš.** 5748.

———— *intercostatum* n. sp. Westphalen. **Hasebrink.** 5665.

———— *transcaucasicus* n. sp. Mangyschlak and Caucasus. **Sincov.** 6131.

*Desmoceras* (*Puzosia*) nn. spp. Russia. **Karakaš.** 5748.

———— (*Uhligella*) nn. spp. **Jacob.** 5726.

- Duralia erimica* n. sp. Russia. **Karakaš.** 5748.
- Hamulina* nn. spp. Russia. **Karakaš.** 5748.
- Hatchericeras stantoniense* n. sp. Patagonia. **Favre.** 5574.
- Heteroceras haugi* n. sp. Russia. **Karakaš.** 5748.
- Holcodiscus* nn. spp. Russia. **Karakaš.** 5748.
- Holcostephanus* nn. spp. South Africa. **Kitchin.** 5765.
- *hobler hillensis* n. sp. Patagonia. **Favre.** 5574.
- Hoplites* nn. spp. Russia. **Karakaš.** 5748.
- (*Parahoplites*, *Leymeriella*, *Sommeratia*) nn. spp. **Jacob.** 5726.
- Leopoldia* nn. spp. Patagonia. **Favre.** 5574.
- nn. spp. France. **Sayn.** 6064a.
- Lytoceras* nn. spp. Russia. **Karakaš.** 5748.
- (*Tetragonites*, *Kossomatella*) nn. spp. **Jacob.** 5726.
- Macroscaphites eichwaldi* n. sp. Russia. **Karakaš.** 5748.
- Nautilus* nn. spp. Russia. **Karakaš.** 5748.
- *crassiconcha.* **Vogl.** 6217.
- Neocomites* nn. spp. Patagonia. **Favre.** 5574.
- Neolobites* nn. spp. et var. Egypt. **Staff & Eck.** 6142.
- Oppelia patagoniensis* n. sp. Patagonia. **Favre.** 5574.
- Parahoplites* nn. spp. Mangyschlag and Kaukasus. **Sincov.** 6131.
- Phylloceras* nn. spp. Russia. **Karakaš.** 5748.
- *rogersi* n. sp. S. Africa. **Kitchin.** 5765.
- Platiceras simonyi* n. sp. N. E. Africa. **Kossmat.** 5778.
- Psychoceras inostranzewi* n. sp. Russia. **Karakaš.** 5748.
- Pulchellia nicklesi* n. sp. Russia. **Karakaš.** 5748.
- Silesites* nn. spp. **Jacob.** 5726.

- Silesites* nn. spp. Russia. **Karakaš.** 5748.
- Sommeratia* nn. spp. Mangyschlag and Caucasus. **Sincov.** 6131.
- Spiticeras.* **Kilian.** 5760.
- Thurmania* nn. spp. et varr. France. **Sayn.** 6064a.
- Toroceras* nn. spp. Russia. **Karakaš.** 5748.

**2231.85** LOWER CAENOZOIC (EOCENE, OLIGOCENE).

- Nautilus* nn. spp. Ungarn. **Vogl.** 6217.

**GASTROPODA.**

**2231.39** GENERAL.

- Pilsbry.** 5983. The genus *Strobilops*.

SPECIAL.

- Campanile.* **Oppenheim.** 5935.
- Vivipara fasciata* n. sp. Ober-Elsass. **Voltz.** 6218.

**2231.50** LOWER PALAEOZOIC.

GENERAL.

- Raymond.** 6012. The Gastropoda of the Chazy formation.

SPECIAL.

- Archinacella prendergasti* n. sp. England. **Reed.** 6015.
- Bellerophon (Bucanopsis) secundus* n. sp. England. **Reed.** 6015.
- Bellerophon (Sinnites) crypticus* n. sp. England. **Reed.** 6015.
- Clisospira bassleri* n. sp. Vermont, Chazy formation. **Raymond.** 6012.
- Conularia* nn. spp. **Wiman.** 6260.
- Eotomaria robertsi* n. sp. England. **Reed.** 6015.
- Helicotoma whiteavesiana* n. sp. Ontario, Aylmer limestone. **Raymond.** 6012.
- Holopea* (?) nn. spp. New York, Ordovician. **Cleland.** 5457.
- Lophospira* nn. spp. **Donald.** 5526.
- nn. spp. Eastern United States, Ordovician. **Raymond.** 6012.
- Omospira orientalis* n. sp. **Donald.** 5526.

*Trigyra ulrichi* n. gen. et sp. Vermont, Chazy formation. **Raymond**. 6012.

*Tryblidium patulum* n. sp. New York, Ordovician. **Cleland**. 5457.

2231 55 UPPER PALAEOZOIC.

*Bellerophon gaspensis* n. sp. Quebec, Devonian. **Clarke**. 5454.

———— *globosus* n. sp. Bolivia. **Knod**. 5768.

———— (*Plectonotus*) *fraternus* n. sp. S. Africa. **Reed**. 6017.

———— (*Sphaerocyclus*) nn. spp. Hungary. **Spitz**. 6139.

*Bucania dorsoplana* n. sp. Bolivia. **Knod**. 5768.

*Bucaniella* nn. spp. Bolivia. **Knod**. 5768.

*Bulimorpha chrysalis delawarensis* n. var. Texas, Guadalupian. **Girty**. 5622.

*Comularia* n. var. et sp. **Clarke**. 5454.

*Cumearia unica* n. gen. et sp. Hungary. **Spitz**. 6139.

*Cyclonema* n. nom. et sp. Hungary. **Spitz**. 6139.

*Diaphorostoma perceuse* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Eotomaria cartieri* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Eotomaria?* *rotula* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Euconospira obsoleta* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Euomphalopterus bicarinatus* n. sp. Hungary. **Spitz**. 6139.

*Euomphalus* n. sp. et var. Texas, Guadalupian. **Girty**. 5622.

———— (*Morphotropis*) nn. spp. Hungary. **Spitz**. 6139.

———— *pinnai* n. sp. Italy. **Gortani**. 5631.

*Euphemus?* *quebecensis* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Hereynella* n. var. et sp. Hungary. **Spitz**. 6139.

*Holopea* nn. spp. Quebec, Devonian. **Clarke**. 5454.

*Holopella* nn. spp. Hungary. **Spitz**. 6139.

*Hyalolithus* nn. spp. Quebec, Devonian. **Clarke**. 5454.

*Loxonema* nn. spp. Italy. **Gortani**. 5631.

———— nn. spp. Hungary. **Spitz**. 6139.

———— *gregaria* n. sp. Bolivia. **Knod**. 5768.

———— *inconspicuum* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Macrochilina* nn. nomm. Hungary. **Spitz**. 6139.

———— *modesta* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Metoptoma capense* n. sp. S. Africa. **Reed**. 6017.

*Murehisonia* n. nom. et var. et nn. spp. Hungary. **Spitz**. 6139.

*Naticopsis* nn. spp. Hungary. **Spitz**. 6139.

*Omphalotrochus* nn. spp. Idaho, Carboniferous. **Girty**. 5622A.

*Orthonychia* n. var. et nn. spp. Hungary. **Spitz**. 6139.

*Orthotheca steinmanni* n. sp. Bolivia. **Knod**. 5768.

*Palaeoscurria?* *capuliformis* n. sp. Hungary. **Spitz**. 6139.

*Patella capitaneensis* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Platyceeras* nn. spp. Quebec, Devonian. **Clarke**. 5454.

———— nn. spp. Bolivia. **Knod**. 5768.

———— nn. spp. Missouri, Carboniferous. **Rowley**. 6052.

———— n. nom. et sp. Hungary. **Spitz**. 6139.

———— *punctillum* n. sp. Clymenie del Monte Primosio. **Gortani**. 5631.

*Pleurotomaria* nn. spp. et var. Texas, Guadalupian. **Girty**. 5622.

———— (*Euryzone*, *Biangularia*, *Stenoloron*, *Phanerotrema*, *Oehlertia*, *Ptychomphalina*) nn. spp. et varr. Hungary. **Spitz**. 6139.

———— *sulcomarginata leclercqi* n. var. Quebec, Devonian. **Clarke**. 5454.

*Polytropis?* *barroisi* n. sp. Hungary. **Spitz**. 6139.

*Strophostylus* nn. spp. Hungary. **Spitz**. 6139.

*Tremanotus* n. sp. et var. Hungary. **Spitz**. 6139.

*Trochomema lescaubati* n. sp. Quebec, Devonian. **Clarke**. 5454.

*Trochus* nn. spp. Hungary. **Spitz**. 6139.

*Tubina geyeri* n. sp. Hungary. **Spitz**. 6139.

*Turritoma v. tenuitosa* n. sp. **Donald**. 5526.

*Warthia americana* n. sp. Texas, Guadalupean. **Girty**. 5622.

*Zonidiscus carnicus* n. gen. et sp. Hungary. **Spitz**. 6139.

### 2231.60 MESOZOIC (GENERAL).

*Actaeon andians* n. sp. Südamerika. **Haupt**. 5667.

*Capulus argentinus* n. sp. Südamerika. **Haupt**. 5667.

### 2231.65 TRIASSIC.

*Arcilia gracilis* n. sp. Austria. **Häberle**. 5652.

*Brochidium salomoni* n. sp. Austria. **Häberle**. 5652.

*Capulus h. philippi* n. sp. Austria. **Häberle**. 5652.

*Cerithinella mednacensis* n. sp. Valle del Brenta. **Campana (Del)**. 5409.

*Chilogelus acutissimus* n. sp. Austria. **Häberle**. 5652.

*Cirrus* nn. spp. Valle del Brenta. **Campana (Del)**. 5409.

*Colubrella* nn. spp. Austria. **Häberle**. 5652.

*Encylocosca rombergi* n. sp. Austria. **Häberle**. 5652.

*Gosselina richthofeni* n. sp. Austria. **Häberle**. 5652.

*Hyalina reussi*. Austria. **Schlosser**. 6069.

*Kokenella glaberior* n. f. Dobrudscha. **Kittl**. 5766.

*Loxonema katosiroides* n. sp. Austria. **Häberle**. 5652.

*Naticella j. böhmii* n. sp. Austria. **Häberle**. 5652.

*Neritopsis* n. sp. Valle del Brenta. **Campana Del.** 5409.

*Omphalopteryx* nn. spp. Austria. **Häberle**. 5652.

*Palaeotriton j. waltheri* n. sp. Austria. **Häberle**. 5652.

*Protorecula kittli* n. sp. Austria. **Häberle**. 5652.

*Pseudomurchisonia kokeni* n. sp. Südtirol. **Wittenberg**. 6265.

———— *schmidti*. **Wittenberg**. 6263.

*Pupa oriformis*. Austria. **Schlosser**. 6069.

*Turbo lemkei* n. sp. **Wittenberg**. 6263.

*Umbonium bütschlii* n. sp. Austria. **Häberle**. 5652.

*Worthenia* nn. spp. Austria. **Häberle**. 5652.

### 2231.70 JURASSIC.

*Alaria gothica* n. sp. Germany. **Krause**. 5780.

*Collonia praecursor* n. sp. **Cossmann**. 5486.

*Conorhytis* n. gen. **Cossmann**. 5486.

*Plumorbis spissus* n. sp. **Cossmann**. 5486.

*Trochus* nn. spp. Germany. **Krause**. 5780.

———— *delanuyi* n. sp. **Cossmann**. 5486.

*Valvata delanuyi* n. sp. **Cossmann**. 5486.

*Zygopleura (?) benoisti* n. sp. **Cossmann**. 5486.

### 2231.75 CRETACEOUS.

*Aporrhais* nn. spp. **Karakaš**. 5748.

*Ataphrus graniformis* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.

*Calliomphalus pellati* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.

*Capulus spangleri* n. sp. Colorado, Cretaceous. **Henderson**. 5673.

*Cheonops (Cypbosolen) tuberosus* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.

*Diatinoostoma (?) pellati* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.

*Limnaea remota* n. sp. S. Africa. **Kitchin**. 5765.

*Microschiza pellati* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.

*Natica (?)* nn. spp. S. Africa. **Kitchin**. 5765.

*Natica* (?) *picetii* n. sp. Russia.  
**Karakaš.** 5748.

*Nerinea* (*Ptygmatis*) *micromorpha* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Nerita capluri* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Neritodomus dolichostoma* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Neritopsis rothpletzi* n. sp. Russia.  
**Karakaš.** 5748.

————— *spiralicrenata* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Phaneropyxis pellati* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Pleurotomaria* nn. spp. Russia.  
**Karakaš.** 5748.

*Pseudomelania* nn. spp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Pseudonerinea gardonensis* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Rothpletzella barremica* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Scalaria eichwaldi* n. sp. Russia.  
**Karakaš.** 5748.

*Solarium pompeckii* n. sp. Russia.  
**Karakaš.** 5748.

*Trochonerita* n. subgen. **Cossmann.** 5487.

*Trochus* nn. spp. Russia. **Karakaš.** 5748.

*Turbo* nn. spp. S. Africa. **Kitchin.** 5765.

————— (*Paraturbo*) *heptagonidius* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Turritella magna* n. sp. Russia.  
**Karakaš.** 5748.

————— *pescaderoensis* n. sp. California. **Arnold.** 5309.

————— *whitei stantoni* n. var. New Mexico. **Shimer & Blodgett.** 6115.

*Tylostoma taurica* n. sp. Russia.  
**Karakaš.** 5748.

*Vanikorphopsis cœrta* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

*Volutilithes.* **Newton.** 5923.

*Voluboderma* ? *clatworthyi* n. sp. Colorado. **Henderson.** 5675.

## 2231.80 CAENOZOIC (TERTIARY) (GENERAL).

**Bogačev.** Quelques faits nouveaux de la distribution géologique des Spanio-dontelles. (Russ.)

### SPECIAL.

*Chorus nordenskjöldi* n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

*Cominella obesa* var. *fuegina* n. var. Central and S. America. **Steinmann & Wilckens.** 6159.

*Gibbula lehmann-nütschei* n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

*Hemichenopus* n. gen. Central and S. America. **Steinmann & Wilckens.** 6159.

*Nassa* nn. spp. Central and S. America. **Steinmann & Wilckens.** 6159.

*Siphonalia iheringi* n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

*Strathiolarella* n. subgen. Central and S. America. **Steinmann & Wilckens.** 6159.

*Turbo marshalli* n. sp. New Zealand. **Thomson.** 6182.

*Turbonilla fuegina* n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

*Volutilithes.* **Newton.** 5923.

## 2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

*Aeteon pemilius multannulatus* n. var. Alabama, Eocene. **Aldrich.** 5284.

*Aporrhais koceni* n. sp. Jutland. **Grönwall et Harder.** 5649.

*Architectonica lorenzensis* n. sp. California, Oligocene. **Arnold.** 5309.

*Cancellaria* ? *sotoensis* n. sp. Mississippi, Eocene. **Aldrich.** 5284.

*Cerithium* nn. spp. Jutland. **Grönwall et Harder.** 5649.

————— (*Pyrazus*, *Gourmya*, *Vertagus*, *Batillaria*) nn. spp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

- Fasciolaria ramondi* n. sp. Florida, Oligocene. **Maury**. 5873.
- Fissurella perrini* n. sp. California, Eocene. **Arnold**. 5039.
- Fusus* nn. spp. California, Oligocene. **Arnold**. 5309.
- *cimbricus* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Hipponyx carpenteri* n. sp. California, Eocene. **Arnold**. 5309.
- Lirofusus ashleyi* n. sp. California, Oligocene. **Arnold**. 5309.
- Nuthildia fenestrata* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Melanatria bosniaca* n. sp. Ostbosnien und Herzegowina. **Oppenheim**. 5934.
- Melania parlowi* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Mitromorpha cocenensis* n. sp. Alabama, Eocene. **Aldrich**. 5283.
- Natica* *Naticina*, *Megatylotus* nn. spp. Ostbosnien und Herzegowina. **Oppenheim**. 5934.
- Odontostoma undiferum* var. *laevior*. n. var. Jutland. **Grönwall et Harder**. 5649.
- Patella matcoensis* n. sp. California, Eocene. **Arnold**. 5309.
- Pleurotoma* nn. spp. California, Oligocene. **Arnold**. 5309.
- Pyrazisimus harrisi* n. sp. Florida, Oligocene. **Maury**. 5873.
- Scalaria mörchi* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Sigaretus erectoides* n. sp. Mississippi, Eocene. **Aldrich**. 5284.
- Strepsidura californica* n. sp. California, Oligocene. **Arnold**. 5309.
- Tritonium newsoni* n. sp. California, Eocene. **Arnold**. 5309.
- Turbo johstrupi* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Turbonilla harderi* n. sp. Jutland. **Grönwall et Harder**. 5649.
- Turricula santacruzana* n. sp. California, Oligocene. **Arnold**. 5309.
- Turritella medioconvava* n. sp. Ostbosnien und Herzegowina. **Oppenheim**. 5934.
- 2231.90** *UPPER CAENOZOIC (MIOCENE, PLIOCENE)*.
- Agasoma* nn. spp. California, Miocene. **Arnold**. 5309.
- Cancellaria menadensis* n. sp. **Schepman**. 6068.
- Cerithium* nn. spp. **Schepman**. 6068.
- Chlorostoma stantoni lahondaensis* n. var. California, Miocene. **Arnold**. 5309.
- Chrysoodomus stantoni* n. sp. California, Pliocene. **Arnold**. 5309.
- Clausilia leobersdorfensis* n. sp. Austria. **Troll**. 6194.
- *randeckiana* n. sp. Germany. **Kranz**. 5779.
- Clara ichei*. **Schepman**. 6068.
- Conus fennemai* n. sp. **Schepman**. 6068.
- Craspedopoma laudmanni* n. sp. Austria. **Troll**. 6194.
- Cypraea martini* n. sp. **Schepman**. 6068.
- Drillia* nn. spp. **Schepman**. 6068.
- Epitonium atwoodi* n. sp. Alaska. **Dall**. 5500.
- Fusus portolaensis* n. sp. California, Miocene. **Arnold**. 5309.
- *stanfordensis* n. sp. California, Miocene. **Arnold**. 5309.
- Helix* nn. spp. Austria. **Schlosser**. 6069.
- (*Gonostoma*) *subphacodes* n. sp. Germany. **Kranz**. 5779.
- *leobersdorfensis* n. sp. Austria. **Troll**. 6194.
- Hemicyclo* nn. varr. Kanarien. **Boettger**. 5351.
- Hydrobia venzi* n. sp. Mainz. **Boettger**. 5352.
- Leucochroa emmerichi* n. sp. Mainz. **Boettger**. 5352.
- Lymnaea florissantica* n. sp. Colorado, Miocene. **Cockerell**. 5470.
- Melanatria fluminiiformis* n. sp. Austria. **Troll**. 6194.
- Nassa* nn. spp. **Schepman**. 6068.
- *gatticensis* n. sp. Italy. **Martinelli**. 5866.



- Natica celebensis*. **Schepman**. 6068.  
*Obeliscus menadensis*. **Schepman**. 6068.  
*Planorbis* n. sp. et var. Hungary. **Lörenthey**. 5836.  
*Pyrgula formosa* n. sp. Austria. **Troll**. 6194.  
*Thais trancosana* n. sp. California, Pliocene. **Arnold**. 5309.  
*Turbo fememai* n. sp. **Schepman**. 6068.  
*Turricula* nn. spp. **Schepman**. 6068.  
*Turritella*. Pologne. **Friedberg**. 5594.  
*Wingeaetonia* n. nom. **Schepman**. 6068.

**2231.95 PLEISTOCENE AND RECENT.**

GENERAL.

**Caziot & Maury**. 5430. Mollusques terrestres postpliocènes trouvés dans une poche du terrain jurassique au Monte Carlo.

**Dall**. 5499. New species of mollusks from the Pacific coast of the United States, with notes on other mollusks from the same region.

**Schepman**. 6068. Mollusken aus posttertiären Schichten von Celebes.

SPECIAL.

*Columbella (Anachis) arnoldi* n. nom. **Dall**. 5499.

*Helix* nn. spp. France. **Caziot & Maury**. 5432.

———— (*Eulota*) *fruticum* var. *perdepressa* n. var. St. Pierre les Elbeuf. **Germain**. 5613.

*Paludestrina limnaeiformis* n. sp. France. **Caziot**. 5429.

*Paludina diluviana*. Germany. **Hennig**. 5677.

*Tritonofusus kelseyi* n. sp. California, Pleistocene. **Dall**. 5499.

PELECYPODA.

**2231.39 GENERAL.**

*Myopholas* n. gen. et spp. **Douvillé**. 5535.

**2231.45 PALAEOZOIC GENERAL.**  
**Williams**. 6250. Revision of the mollusk genus *Pterinea* Goldfuss.

SPECIAL.

*Actinopterella rathalis* n. gen. emended. **Williams**. 6250.

*Cornellites* n. gen. **Williams**. 6250.

*Follmannella* n. gen. **Williams**. 6250.

*Pterinea laevis* Goldfuss. emended. **Williams**. 6250.

*Tolmaia* n. gen. **Williams**. 6250.

**2231.50 LOWER PALAEOZOIC.**

*Edmondia (?) arcuata* n. sp. New York, Ordovician. **Cleland**. 5157.

**2231.55 UPPER PALAEOZOIC.**

*Actinopteria fronsacia* n. sp. Quebec, Devonian. **Clarke**. 5454.

———— *ulrichi* n. sp. Bolivia. **Knod**. 5768.

*Allorisma* nn. spp. Italy. **Airaghi**. 5280.

*Amnigenia boliviensis* n. sp. Bolivia. **Knod**. 5768.

*Anthraco-myia*. England. **Watson**. 6231.

*Astartella nasuta* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Ariculipecten* nn. spp. Texas, Guadalupian. **Girty**. 5622.

*Ariculopecten* nn. spp. Quebec, Devonian. **Clarke**. 5454.

———— *semicostatus*. **Hind**. 5689.

*Buchiola subpalmata* n. sp. S. Africa. **Reed**. 6014.

*Camptonectes?* n. spp. Texas, Guadalupian. **Girty**. 5622.

*Carbonicola* n. spp. Germany. **Schmidt**. 6071.

*Cleidophorus pallasii delawarensis* n. var. Texas, Guadalupian. **Girty**. 5622.

*Ctenodonta* nn. spp. Bolivia. **Knod**. 5768.

*Cypriocardinia?* *contracta* n. sp. Texas, Guadalupian. **Girty**. 5622.

*Edmondia?* *bellula* n. sp. Texas, Guadalupian. **Girty**. 5622.

———— *clymeniae* n. sp. Clymenie del Monte Primosio. **Gortani**. 5631.

- Gervillia elipsoidalis* n. sp. Italy. **Airaghi.** 5280.
- Grammysia montana* n. sp. S. Africa. **Reed.** 6017.
- *oriformis* n. sp. Bolivia. **Knod.** 5768.
- Jancia? fallax* n. sp. Bolivia. **Knod.** 5768.
- Leptodomus? fontinalis* n. sp. S. Africa. **Reed.** 6017.
- Limulolina striaticostata.* Texas, Guadalupian. **Girty.** 5622.
- Limoptera rosieri* n. sp. Quebec, Devonian. **Clarke.** 5454.
- Laudicardium concavum* n. sp. Quebec, Devonian. **Clarke.** 5454.
- Macrodon lohmanni* n. sp. Bolivia. **Knod.** 5768.
- *taramelli* n. sp. Cymenie del Monte Primosio. **Gortani.** 5631.
- Megambonia denysia* n. sp. Quebec, Devonian. **Clarke.** 5454.
- Modiella modiola* n. sp. Quebec, Devonian. **Clarke.** 5454.
- Modiomorpha baini* Sharp n. var. S. Africa. **Reed.** 6017.
- Myoconcha* n. sp. et var. Texas, Guadalupian. **Girty.** 5622.
- Myophoria subtrigona* n. sp. Italy. **Airaghi.** 5280.
- Nucula nigella* n. sp. S. Africa. **Reed.** 6017.
- Nuculana* n. spp. S. Africa. **Reed.** 6017.
- Nuculites* n. spp. et var. S. Africa. **Reed.** 6017.
- Palaeonodonta sphenoides* n. sp. Germany. **Schmidt.** 6071.
- Parallelodon* n. spp. Texas, Guadalupian. **Girty.** 5622.
- Pernopecten? obliquus* n. sp. Texas, Guadalupian. **Girty.** 5622.
- Pernopecten? marbuti* n. sp. Missouri, Carboniferous. **Rowley.** 6052.
- Plagiostoma deltoideum* n. sp. Texas, Guadalupian. **Girty.** 5622.
- Pleurophorus delawarensis* n. sp. Texas, Guadalupian. **Girty.** 5622.
- Posidonia primosioi* n. sp. Cymenie del Monte Primosio. **Gortani.** 5631.
- Posidoniella pseudogibbosa* n. sp. Italy. **Airaghi.** 5280.
- Posidonomya incerta* n. sp. Italy. **Airaghi.** 5280.
- Protrete texana* n. gen. et n. sp. Texas, Guadalupian. **Girty.** 5622.
- Pteria* n. spp. Texas, Guadalupian. **Girty.** 5622.
- Pterinea (Actinodesma) carnica* n. sp. Italy. **Gortani.** 5631.
- Sanguinolites* n. spp. S. Africa. **Reed.** 6014.
- Solenopsis bolkeveldensis* n. sp. S. Africa. **Reed.** 6017.
- Streblopteria subrotunda* n. sp. Italy. **Airaghi.** 5280.

## 2231.60 MESOZOIC (GENERAL).

*Astarte* n. spp. Singapore. **Newton.** 5922.

————— *guthrieensis* n. var. Singapore. **Newton.** 5922.

*Cucullaea scriveneri* n. sp. Singapore. **Newton.** 5922.

*Gervillia hanitschi* n. sp. Singapore. **Newton.** 5922.

*Goniomya* n. spp. Singapore. **Newton.** 5922.

*Lucina neuquensis* n. sp. Südamerika. **Haupt.** 5667.

*Solenomya neocomiensis* n. sp. Südamerika. **Haupt.** 5667.

## 2231.65 TRIASSIC.

*Actaeonina gipsata* n. sp. **Zeller.** 6302.

*Anoplophoria montis flucii* n. sp. **Zeller.** 6302.

*Arienopecten di-stefanovi* n. sp. **Mariani.** 5861.

*Daonella avastasini* n. f. Dobrudscha. **Kittl.** 5766.

*Edentula castelli* n. sp. **Wittenburg.** 6263.

*Gervillia marchisoni.* Ostthüringen. **Kolesch.** 5777.

————— *substriata* var. *temnicostata* n. var. **Zeller.** 6302.

*Lima* n. spp. Lombardia. **Mariani.** 5861.

*Lucina paronai* n. sp. Valle del Brenta. **Campana (Del)**. 5109.

*Myophoria* nn. varr. **Zeller**. 6302.

———— *tommasii* n. sp. Lombardia. **Mariani**. 5861.

*Mysidioplera* n. var. et sp. **Mariani**. 5861.

———— *gronensis* n. sp. Südtirol. **Wittenburg**. 6264.

*Nucula indica* n. sp. India. **Wittenburg**. 6266.

*Pecten* nn. spp. Lombardia. **Mariani**. 5861.

———— nn. spp. Südtirol. **Wittenburg**. 6263, 6264, 6265.

———— *kokeni* n. sp. India. **Wittenburg**. 6266.

*Prospodylus taramei* n. sp. Lombardia. **Mariani**. 5861.

*Pseudomonotis* nn. spp. India. **Wittenburg**. 6263, 6266.

———— *ratzensis* n. sp. Südtirol. **Wittenburg**. 6264.

*Turbo gronensis* n. sp. Südtirol. **Wittenburg**. 6264.

## 2231 70 JURASSIC.

### GENERAL.

**Boden**. 5317. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale Negrar.

**Cossmann**. 5488. Description de quelques Pélécy-podes jurassiques de France.

### SPECIAL.

*Anisocardia* nn. spp. Germany. **Krause**. 5780.

*Anomia* nn. spp. Germany. **Krause**. 5780.

*Astarte lalmenti*. **Cossmann**. 5488.

*Astellia* nn. spp. Timan and Spitzbergen. **Sokolov**. 6136.

*Avicula* nn. spp. Germany. **Krause**. 5780.

*Ceromya madagascariensis* n. sp. Madagascar. **Thevenin**. 6180.

*Chlamys* nn. spp. **Cossmann**. 5486.

*Clathrolina lalmenti* n. gen. et sp. **Cossmann**. 5489.

*Corbis crassirugata* n. sp. **Cossmann**. 5488.

*Cytherea astartoides* n. sp. Madagascar. **Thevenin**. 6180.

*Dinorodon*. Great Britain. **Groenwall**. 5618.

*Eryopyra serrata* n. sp. Germany. **Krause**. 5780.

*Lima* nn. spp. **Cossmann**. 5486.

———— *Limatula* nn. spp. Germany. **Krause**. 5780.

———— *Plagiostoma colcauapi* n. sp. Madagascar. **Thevenin**. 6180.

*Limatula cauraciva* n. sp. **Cossmann**. 5488.

*Limea laudens* n. sp. **Cossmann**. 5488.

*Lithotomus iris* n. sp. **Cossmann**. 5488.

*Lucina scaphoides* n. sp. Germany. **Krause**. 5780.

*Myocycla* nn. spp. Bornholm. **Malling et Grönwall**. 5858.

*Opis parvocarinata* n. sp. Madagascar. **Thevenin**. 6180.

———— *palla* n. sp. Germany. **Krause**. 5780.

*Pecten ambougeoisii* n. sp. Madagascar. **Thevenin**. 6180.

———— *Entolium gothicus* n. sp. Germany. **Krause**. 5780.

———— *parolini* n. sp. Canal di Brenta. **Campana (Del)**. 5498.

*Phacodesmia cuneiformis* n. sp. Germany. **Krause**. 5780.

*Pholadomya ballica* n. sp. Germany. **Krause**. 5780.

*Placunopsis patelliformis* n. sp. Germany. **Krause**. 5780.

*Protocardium* nn. spp. Germany. **Krause**. 5780.

*Solea radiata* n. sp. Germany. **Krause**. 5780.

*Thracia declivis* n. sp. Germany. **Krause**. 5780.

*Trapezium lycetti* nom. mut. **Cossmann**. 5486.

## 2231 75 CRETACEOUS.

*Agria* nn. spp. **Toucas**. 6186.

*Anatina dudleyi* n. sp. Colorado, Cretaceous. **Henderson**. 5673.

- Anthonya cantiana* n. sp. England. **Woods**. 6273.
- *lineata* n. sp. S. Africa. **Kitchin**. 5765.
- Astarte* nn. spp. England. **Woods**. 6273.
- Aucella zyrianica* n. sp. Timan et Spitzbergen. **Sokolov**. 6136.
- Aricula alata* n. sp. Russia. **Karakaš**. 5748.
- Cardita capduri* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- *upravensis* n. sp. England. **Woods**. 6273.
- Cardium* nn. spp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- Corbis* nn. spp. Brouzet-les-Alais Gard. **Cossmann**. 5487.
- Crasatellites dirisiensis* n. sp. England. **Woods**. 6273.
- Cylopellatia aerodonta* n. gen. et sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- Cyprina brouzetensis* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- *cichocalli* n. sp. Russia. **Karakaš**. 5748.
- Inoceramus dimidius labiatooides* n. var. New Mexico, Cretaceous. **Shimer & Blodgett**. 6115.
- Lima riguedensis* n. sp. Brouzet-les-Alais Gard. **Cossmann**. 5487.
- Mactra?* *dubia* n. sp. S. Africa. **Kitchin**. 5765.
- *stantoni* n. sp. California, Cretaceous. **Arnold**. 5309.
- Meretrix uitenhagensis* n. sp. S. Africa. **Kitchin**. 5765.
- Monopleura biassalica* n. sp. Russia. **Karakaš**. 5748.
- Mytilus Arcomytilus pellati* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- *uitenhagensis* n. sp. S. Africa. **Kitchin**. 5765.
- Neocomites* nn. spp. et varr. France. **Sayn**. 6061A.
- Nucula uitenhagensis* n. sp. S. Africa. **Kitchin**. 5765.
- Opis holdensis* n. sp. England. **Woods**. 6273.
- Ostrea*. **Jukes-Brown**. 5745; **Péron**. 5975.
- Panopaea truncata* n. sp. Russia. **Karakaš**. 5748.
- Paralichodon (Nemodon) gardenense* n. sp. Brouzet-les-Alais. **Cossmann**. 5487.
- Pecten concentrico-squamosus* n. sp. Central Russia. **Chimenkov**. 5445.
- *khobensis* n. sp. Russia. **Karakaš**. 5748.
- Perna allardi* n. sp. Brouzet-les-Alais (Gard.). **Cossmann**. 5487.
- Pinna patagoniensis* n. sp. Patagonia. **Favre**. 5574.
- Plicatula taurica* n. sp. Russia. **Karakaš**. 5748.
- Praeradiolites* nn. spp. **Toucas**. 6186.
- Sphaera globula* n. sp. Russia. **Karakaš**. 5748.
- Tancredia schwarzi* n. sp. S. Africa. **Kitchin**. 5765.
- Thetironia oblonga* n. sp. S. Africa. **Kitchin**. 5765.
- Trapezium?* *tatei* n. sp. S. Africa. **Kitchin**. 5765.
- Trigonia* nn. spp. S. Africa. **Kitchin**. 5765.
- Unio uitenhagensis* n. sp. S. Africa. **Kitchin**. 5765.
- Yoldia supramontereyensis* n. sp. California, Miocene. **Arnold**. 5309.

## 2231 80 CAENOZOIC (TERTIARY) (GENERAL).

**Bogačev**. 5351. Quelques faits nouveaux de la distribution géologique des Spaniodontelles. (Russ.)

### SPECIAL.

*Anodonta nordenskjöldi* n. sp. Central and S. America. **Steinmann & Wilckens**. 6159.

*Cardita elegantoides* var. *fuegina* n. var. Central and S. America. **Steinmann & Wilckens**. 6159.

## 2231 85 LOWER CAENOZOIC Eocene, Oligocene).

*Anodonta cornelliana* n. sp. Louisiana, Oligocene. **Maury**. 5873.

*Area lignifera* n. sp. Alabama, Eocene. **Aldrich**. 5284.

- Arimus regularis* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Cardita reginae* n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.
- Cardium cooperi lorenzanum* n. var. California, Oligocene. **Arnold.** 5309.
- Corbula clarkeana* n. sp. Alabama, Eocene. **Aldrich.** 5284.
- Kellia interstriata* n. sp. Mississippi Eocene. **Aldrich.** 5284.
- Lepton vaughani* n. sp. Alabama, Eocene. **Aldrich.** 5284.
- Lima testis* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Limopsis minima* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Malletia chehalisensis* n. sp. California, Oligocene. **Arnold.** 5309.
- Nucula dalli* n. sp. California, Oligocene. **Arnold.** 5309.
- Ostrea (Gryphaea) katzeri* n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.
- Pecten sericeus* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Perna bosniaca* n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.
- Semele gayi* n. sp. California, Eocene. **Arnold.** 5309.
- Tellinja antiqua* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Tellina lorenzoensis* n. sp. California, Oligocene. **Arnold.** 5309.
- Teredo rugaardensis* n. sp. Jutland. **Grönwall et Harder.** 5649.
- Unio?* nn. spp. Louisiana, Oligocene. **Maur.** 5873.
- Verticordia granuloides* n. sp. Alabama, Eocene. **Aldrich.** 5284.
- 2231.90 LOWER CAENOZOIC (MIOCENE, PLIOCENE).**
- Amussiopecten* nn. spp. Sardegna. **Ugolini.** 6200.
- Amussium scrobiculatum* n. sp. **Schepman.** 6068.
- Arca* nn. varr. Italy. **Cerulli-Irelli.** 5437.
- Arcicardium* nn. spp. Russia. **Andrusov.** 5294.
- Cardita intermedia* var. *globulosa* n. var. Italy. **Cerulli-Irelli.** 5437.
- Cardium raquerosensis* n. sp. California, Miocene. **Arnold.** 5309.
- Chlamys celebensis.* **Schepman.** 6068.
- *flexuosa* var. *trisinuata* n. var. Italy. **Cerulli-Irelli.** 5437.
- Glycymeris branneri* n. sp. California, Miocene. **Arnold.** 5309.
- Leda cahillensis* n. sp. California, Miocene. **Arnold.** 5309.
- Maetra montereyana* n. sp. California, Miocene. **Arnold.** 5309.
- Modiola martini* n. sp. **Schepman.** 6068.
- Monia* nn. spp. et var. Italy. **Cerulli-Irelli.** 5437.
- Ostrea leopolitana* n. sp. **Niedzwiedzki.** 5924.
- Pecten (Aequipecten) scutariensis* n. sp. European Turkey. **Vetters.** 6212.
- *medius* Linn. Italy. **Bellini.** 5330.
- *vasseli.* Deutschostafrika. **Koert.** 5775.
- Pectinidae.* **Savornin.** 6064.
- Periploma sanctaerucis* n. sp. California, Miocene. **Arnold.** 5309.
- Pupilla eumeces* mut. *maxima* n. mut. Mainz. **Boettger.** 5352.
- Radula lians* var. *transiens* n. var. Italy. **Cerulli-Irelli.** 5437.
- Spondylus manzonii* n. sp. Lombardia. **Nelli.** 5920.
- Unio (Iridea, DYSNOMIA)* nn. spp. Südrussland. **Andrusov.** 5295.
- *trinitensis* n. sp. **Dubois.** 5547.
- Venericardia montereyana* n. sp. California, Miocene. **Arnold.** 5309.
- Yoldia submontereyensis* n. sp. California, Miocene. **Arnold.** 5309.
- *supramontereyensis* n. sp. California, Miocene. **Arnold.** 5309.
- 2231.95 PLEISTOCENE AND RECENT.**
- Tapes aureus* var. *ceimensis* n. var. Central Europe. **Nordmann.** 5928.
- Unio kinkelini* n. sp. Germany. **Haas.** 5651.

## AMPHINEURA.

## 2231.55 UPPER PALAEOZOIC.

*Cantochiton? texanus* n. sp. Texas, Guadalupean. **Girty**. 5622.

*Probolanem? canadense* n. sp. Quebec, Devonian. **Clarke**. 5454.

## SCAPHOPODA.

## 2231.70 JURASSIC.

*Dentalium* n. spp. Richardson. 6088.

## 2231.85 LOWER CAENOZOIC (Eocene, Oligocene).

*Dentalium gravele* n. sp. Jutland, Grönwall et **Harder**. 5649.

## 2431 ARTHROPODA INCLUDING INSECTA.

## 2431.39 GENERAL.

*Blattinopsiella pygmaea* n. gen. et sp. Stéphanien de Commentry. **Meunier**. 5888.

## 2431.55 UPPER PALAEOZOIC.

*Archaeomytilus kiefferi* n. sp. Commentry. **Meunier**. 5892.

*Archetopidius boubli* n. sp. Stéphanien de Commentry. **Meunier**. 5891.

*Archimytilacris desaillyi* n. sp. Pas-de-Calais. **Leriche**. 5846.

*Cockerellia peromapteroides* n. gen. et sp. Stéphanien de Commentry. **Meunier**. 5891.

*Cyrtosecis vicinatissima* n. sp. Stéphanien de Commentry. **Meunier**. 5893.

*Dactylomytilacris jacobsi* n. sp. **Meunier**. 5889.

*Diaphanoptera sapecha* n. sp. Commentry. **Meunier**. 5892.

*Fayoliella elongata* n. gen. et sp. Stéphanien de Commentry. **Meunier**. 5893.

*Foriria maculata* n. sp. Commentry. **Meunier**. 5892.

*Homioptera*. N. Staffordshire. **Woodward**. 6283.

*Klebsiella existincta* n. gen. et sp. Stéphanien de Commentry. **Meunier**. 5893.

*Microdictya* n. spp. Stéphanien de Commentry. **Meunier**. 5891.

———— *villeneurzi* n. sp. Stéphanien de Commentry. **Meunier**. 5893.

*Procopoblatta schusteri* n. gen. et sp. Germany. **Schuster**. 6087.

*Spheroptera leopoldi* n. sp. Stéphanien de Commentry. **Meunier**. 5893.

*Stenodictya thercini* n. sp. Stéphanien de Commentry. **Meunier**. 5891.

*Stobbsia* (~ *Lithomantis*) *woolwardiana* n. gen. et sp. **Handlirsch**. 5660.

*Sysciophlebia douvillei* n. sp. **Meunier**. 5889.

## 2431.70 JURASSIC.

*Pirontelia trisina* n. gen. et sp. Arçures-Jura. **Meunier**. 5887.

## 2431.75 CRETACEOUS.

*Lytobolidae* n. fam. Montana, Cretaceous. **Mitchell**. 5900.

*Lytobius knowltoni* n. gen. et sp. Montana, Cretaceous. **Mitchell**. 5900.

## 2431.80 CAENOZOIC (TERTIARY) GENERAL.

**Brues**. 5396. New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado.

**Rohwer**. 6043. The Tenthredinoidea of the Florissant shales.

———— 6044. The Tertiary Tenthredinoidea of the expedition of 1908 to Florissant, Colo.

**Wickham**. 6245. New fossil *Elateridae* from Florissant.

## SPECIAL.

*Agonia sarajena* n. sp. Colorado, Florissant. **Cockerell**. 5464.

*Carabites kincaidi* n. sp. Wyoming, Green River shales. **Cockerell**. 5464.

*Corymbites* n. spp. Colorado, Florissant. **Wickham**. 6245.

*Dicranomyia rhodolitha* n. sp. Wyoming, Green River shale. **Cockerell**. 5464.

*Dineura cockerelli* n. sp. Colorado, Florissant shales. **Rohwer**. 6043.

———— *fuscipennis* n. sp. Colorado, Florissant shales. **Rohwer**. 6044.

*Embia florissantensis* n. sp. Colorado, Florissant. **Cockerell.** 5464.

*Enallagma florissantella* n. sp. Colorado, Florissant. **Cockerell.** 5464.

*Ephemera howarthi* n. sp. Colorado, Florissant. **Cockerell.** 5464.

*Eriocampa bruesi* n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

*Hirmonoura* nn. spp. Colorado, Florissant Miocene. **Cockerell.** 5464.

*Lisconeura* n. gen. Colorado, Florissant shales. **Rohwer.** 6043.

*Melanactes cockerelli* n. sp. Colorado, Florissant. **Wickham.** 6215.

*Melanagrion nigerrimum* n. sp. Colorado, Florissant. **Cockerell.** 5464.

*Mellinus handlirschi* n. sp. Colorado, Florissant shales. **Rohwer.** 6045.

*Neurotoma cockerelli* n. sp. Colorado, Florissant shales. **Rohwer.** 6043.

*Nortonella typica* n. gen. et sp. Colorado, Florissant shales. **Rohwer.** 6044.

*Paleotaxonus trivittatus* n. sp. Colorado, Florissant shales. **Rohwer.** 6043.

*Pison* nn. sp. Colorado and Prussia, Oligocene and Miocene. **Rohwer.** 6042.

*Platypedia primigenia* n. sp. Colorado, Florissant. **Cockerell.** 5464.

*Pseudocimbex claratus* n. gen. et sp. Colorado, Florissant shales. **Rohwer.** 6043.

*Saperda* (?) *submersa* n. sp. Colorado, Florissant, Miocene. **Cockerell.** 5464.

*Schizocerus konowi* n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

*Tenthredo saxorum* n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

*Zaitha vulcanica* n. sp. Colorado, Florissant, Miocene. **Cockerell.** 5464.

## 2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

*Brachystoma gracilis* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Cupes.* **Peyerimhoff.** 5977.

*Cuthyneuriella longirostris* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Drapetiella definitum* n. gen. et sp. Ambre de la Baltique. **Meunier.** 5890.

*Drapetis* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Eupis* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Hemerodromia detestata* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Hilara* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Hybos* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Lepidomyia raga* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Leptopeza concinna* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Meghyperiella porphyropsoides* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Microphorus pitidus* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Oedalca robusta* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Palaeoleptopeza gracilis* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Parathalassella problematica* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Phonensica* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Phyllodromia* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Platypalpus concitatus* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Rages generosa* n. sp. Ambre de la Baltique. **Meunier.** 5890.

*Rhamphomyia* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Tachydromia* nn. spp. Ambre de la Baltique. **Meunier.** 5890.

*Trichopeza longicornis* n. sp. Ambre de la Baltique. **Meunier.** 5890.

## 2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

### GENERAL.

**Cockerell.** 5469. Fossil *Cereopidae* (Homoptera).

### SPECIAL.

*Aeschna solida.* **Cockerell.** 5468.

*Anabrus caudelli* n. sp. Colorado, Miocene. **Cockerell.** 5471.

*Asilus klebsi* n. sp. Ambre de la Baltique. **Meunier.** 5894.

*Cecidomyia* (?) *pontaniiformis* n. sp. Colorado, Miocene. **Cockerell.** 5471.

*Cyphosoma askenasyi* n. sp. Germany. Deutschland. **Engelhardt & Kinkel.** 5564.

*Dineura laminarum* n. sp. Colorado, Miocene. **Brues.** 5396.

*Dryobius miocenicus* n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

*Dysagrioninae* n. subfam. **Cockerell.** 5471.

*Eriocampa scudderii* n. sp. Colorado, Miocene. **Brues.** 5396.

*Eriophyes* (?) *beutenmülleri* n. sp. Colorado, Miocene. **Cockerell.** 5471.

*Hirnoneura occultator* n. sp. Colorado, Miocene. **Cockerell.** 5473.

*Lithogryllites lutzii* n. gen. et sp. Colorado, Miocene. **Cockerell.** 5471.

*Macrophya pervevusta* n. sp. Colorado, Miocene. **Brues.** 5396.

*Megaxyela petrefacta* n. sp. Colorado, Miocene. **Brues.** 5396.

*Necrodes primaevus* n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

*Nymphalites scudderii* n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

*Palaeorehnia maculata* n. gen. et sp. Colorado, Miocene. **Cockerell.** 5467.

*Palaeotaxonus typicus* n. gen. et sp. Colorado, Miocene. **Brues.** 5396.

*Panorpa arctiiformis.* Colorado, Miocene. **Cockerell.** 5471.

*Parentmyltus ostentus* n. gen. et sp. Colorado, Miocene. **Brues.** 5396.

*Phenacolestes* n. gen. et spp. Colorado, Miocene. **Cockerell.** 5471.

*Phenacoperga* n. gen. Colorado, Miocene. **Cockerell.** 5476.

*Phora* nn. spp. Colorado, Miocene. **Brues.** 5397.

*Phymatodes volans* n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

*Polystochotes piperatus* n. sp. Colorado, Miocene. **Cockerell.** 5471.

*Pteronius prodigus* n. sp. Colorado, Miocene. **Brues.** 5396.

*Scolioneura vexabilis* n. sp. Colorado, Miocene. **Brues.** 5396.

*Tenthredo* nn. spp. Colorado, Miocene. **Brues.** 5396.

*Trichiosomites obliviosus* n. gen. et sp. Near Zarea, Colorado, Miocene. **Brues.** 5396.

## 2431.95 PLEISTOCENE AND RECENT.

*Eleodes* nn. spp. California, Quaternary. **Grinnell.** 5646.

*Pterostichus vermiculosus.* Isthmus Karelicus. **Lindberg.** 5828.

## 2631 CRUSTACEA.

### 2631.39 GENERAL.

**Alessandri (De).** Contribuzione allo Studio dei cirripedi della Francia. Milano, 1907.

### 2631.45 PALAEOZOIC (GENERAL).

**Ulrich & Bassler.** 6202. New American Paleozoic Ostracoda. Preliminary revision of the *Beyrichiidae*, with descriptions of new genera.

#### SPECIAL.

*Beyrichia* McCoy, emend. n. nom et spp. United States. **Ulrich & Bassler.** 6202.

*Hollina* n. gen. **Ulrich & Bassler.** 6202.

*Jonesina* n. gen. **Ulrich & Bassler.** 6202.

*Kirkbyina* n. gen. **Ulrich & Bassler.** 6202.

*Kloedenella* n. gen., sp. et. nn. varr. **Ulrich & Bassler.** 6202.

*Kloedenellinae* n. subfam. **Ulrich & Bassler.** 6202.

*Kloedenia* nn. spp. North America. **Ulrich & Bassler.** 6202.

*Scotfieldia* n. gen. **Ulrich & Bassler.** 6202.

*Stensloffia* n. subgen. **Ulrich & Bassler.** 6202.

*Treposeella* n. gen. **Ulrich & Bassler.** 6202.

### 2631.50 LOWER PALAEOZOIC.

*Ribiria turgida* n. sp. New York, Ordovician. **Cleland.** 5457.



## 2631.70 JURASSIC.

*Baird a* nn. spp. Schwaben. **Issler.** 5725.

*Calianassa subtilis* n. sp. Germany. **Krause.** 5780.

## 2631.75 CRETACEOUS.

## GENERAL.

**Rathbun.** 6010. Fossil crabs from California.

## SPECIAL.

*Archaeopus antennatus* n. gen. et sp. California. **Rathbun.** 6010.

*Cytherura cretæe* n. sp. Bavaria. **Egger.** 5555.

*Enoplocyrtia leachi.* Saxony. **Wanderer.** 6225.

*Meyeria schwarzi* n. sp. S. Africa. **Kitchin.** 5765.

*Pollicipes concinna* n. sp. Norfolk. **Woodward.** 6285.

*Scalpellum attenuatum* n. sp. Norfolk. **Woodward.** 6285.

2631.80 CAENOZOIC (TERTIARY)  
(GENERAL).

*Cardita benhami* n. sp. New Zealand. **Thomson.** 6182.

2631.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).

*Galeropsis ristorii* n. sp. Bagheria. **Checchia-Rispoli.** 5443.

2631.90 UPPER CAENOZOIC  
PLEISTOCENE AND RECENT.

## GENERAL.

**Rathbun.** 6010. Fossil crabs from California.

## SPECIAL.

*Branchiolambrus altus* n. gen. et sp. California, Miocene. **Rathbun.** 6010.

*Cancer fissus* n. sp. California, Miocene. **Rathbun.** 6010.

*Cythere* nn. spp. Sopron. **Méhes.** 5877.

*Cythereis* nn. spp. Sopron. **Méhes.** 5877.

*Cytheridea* nn. spp. Sopron. **Méhes.** 5877.

*Cytherideis longissima* n. sp. Sopron. **Méhes.** 5877.

(K-4794)

*Darwinula dadayi* n. sp. Sopron. **Méhes.** 5877.

*Krithe* n. sp. et var. Sopron. **Méhes.** 5877.

*Loxocochea.* Sopron. **Méhes.** 5877.

2631.95 PLEISTOCENE AND  
RECENT.

**Brehm.** 5370. Die geographische Verbreitung der Copepoden und ihre Beziehung zur Eiszeit.

2831 XIPHOSURA, EURIPTE-  
RIDA, TRILOBITA.

## 2831.45 PALAEOZOIC (GENERAL).

*Encrinurus.* **Vogdes.** 6216.

## 2831.50 LOWER PALAEOZOIC.

## GENERAL.

**Raymond & Narraway.** 6013. Ordovician trilobites, *Iliaenidae* from the Black river limestone near Ottawa, Canada.

**Walcott.** 6222. Cambrian geology and paleontology. No. 2. Cambrian trilobites.

## SPECIAL.

*Agnostus* nn. spp. Britain. **Lake.** 5785.

———— *pisiformis.* **Mordziol.** 5905.

*Albertella* n. gen. et spp. British Columbia and Montana, Cambrian. **Walcott.** 6222.

*Ampyx incurvus* n. sp. Ayrshire. **Reed.** 6016.

*Asaphus* nn. spp. **Wiman.** 6260.

*Bathyriscus ornatus* n. sp. British Columbia, Cambrian. **Walcott.** 6222.

*Bathyrurus* (?) *levis* n. sp. New York, Ordovician. **Cleland.** 5457.

*Bumastus* nn. spp. Eastern Canada, Ordovician. **Raymond & Narraway.** 6013.

*Burlingia hectori* n. gen. et sp. British Columbia, Cambrian. **Walcott.** 6222.

*Burlingidae* n. fam. **Walcott.** 6222.

*Calymene* nn. spp. Ayrshire. **Reed.** 6016.

———— *blumenbacli* var. *drum-*  
*muckensis* n. var. **Reed.** 6016.

*Chasmops wesenbergensis* var. *applanata* n. var. **Wiman.** 6260.

*Cheirurus* (*Sphaerocoryphe*) *thomsoni* n. sp. Ayrshire. **Reed.** 6016.

*Cybele loreni* var. *giranensis* n. var. Ayrshire. **Reed.** 6016.

*Holometopus nitens* n. sp. **Wiman.** 6260.

*Illacmus laticiatus* n. sp. Ontario and New York, Ordovician. **Raymond & Narraway.** 6013.

———— *memorabilis* n. sp. Ayrshire. **Reed.** 6016.

———— *mirus* n. sp. **Wiman.** 6260.

*Lichapgge?* *problematica* n. sp. Ayrshire. **Reed.** 6016.

*Lichas bottanicus* n. sp. **Wiman.** 6260.

———— (*Platylichas*) *graji* var. *scoticus* n. var. Ayrshire. **Reed.** 6016.

*Ncolenus* nn. spp. et var. Utah, Cambrian. **Walcott.** 6222.

*Oryctocara geikivi* n. gen. et sp. Idaho, Cambrian. **Walcott.** 6222.

*Phacops* (*Chasmops*) *bisseti* n. sp. Ayrshire. **Reed.** 6016.

*Symphysurus apolonista* n. sp. Bolivia. **Lake.** 5784.

*Trinucleus bolivianus* n. sp. Bolivia. **Lake.** 5784.

*Zucanthoides idahoensis* n. sp. Idaho, Cambrian. **Walcott.** 6222.

## 2831.55 UPPER PALAEOZOIC.

**Zimmermann.** 6303. Das Palaeozoicum bei Görlitz und die Auffindung Devonischer Trilobiten daselbst.

### SPECIAL.

*Acaste* nn. spp. Bolivia. **Knod.** 5768.

———— nn. spp. Rhein. **Richter.** 6039.

*Acidaspis aries* n. sp. Rhein. **Richter.** 6039.

*Anisopyge antiqua* n. gen. et sp. Texas, Guadalupian. **Girty.** 5622.

*Brontens alpinus* n. sp. Italy. **Gortani.** 5631.

*Ceratocephala robinia* n. sp. Quebec, Devonian. **Clarke.** 5154.

*Cordania gasepiou* n. sp. Quebec, Devonian. **Clarke.** 5454.

*Cryphaeus* nn. spp. Rhein. **Richter.** 6039.

*Dalmanites* nn. spp. Quebec, Devonian. **Clarke.** 5154.

———— *böhmi* n. sp. Bolivia. **Knod.** 5768.

*Dechenella* nn. spp. Clymenie del Monte Primoso. **Gortani.** 5631.

———— n. sp. Rhein. **Richter.** 6039.

*Drevermannia walica* n. gen. et n. sp. Rhein. **Richter.** 6039.

*Lichas* nn. spp. Quebec, Devonian. **Clarke.** 5154.

———— *berglifera* n. sp. Rhein. **Richter.** 6039.

*Phacops logani gaspensis* n. var. Quebec, Devonian. **Clarke.** 5454.

*Phillipsia stratton-porteri* n. sp. Missouri, Carboniferous. **Rowley.** 6052.

*Proetus tenuimargo* n. sp. Rhein. **Richter.** 6039.

*Trimeroccephalus* (*Microphthalmus*, *Eutrimerocephalus*) n. subgen. et spp. et denom. Clymenie del Monte Primoso. **Gortani.** 5631.

## 3431 MYRIOPODA.

### 3431.95 PLEISTOCENE AND RECENT.

*Julus* nn. spp. California, Quaternary. **Grinnell.** 5646.

*Spirobolus australis* n. sp. California, Quaternary. **Grinnell.** 5646.

## 5231 VERTEBRATA.

### 5231.39 GENERAL.

*Tetrapoda.* **Schwarz.** 6089.

## 5431 PISCES.

### 5431.55 UPPER PALAEOZOIC.

#### GENERAL.

**Ward & Stobbs.** 6230. A newly discovered fish bed in the Cheadle Coalfield; with notes on the distribution of fossil fishes in that district.

## SPECIAL.

*Asterolepidae*. Britain. **Traquair**. 6192.

*Cladodus compressus* n. nom. **Branson**. 5366.

———— *urbs-ludovici* n. sp. Kentucky, Devonian. **Eastman**. 5551.

*Coelacanthus welleri* n. sp. Iowa, Carboniferous. **Eastman**. 5552.

*Conchodus variabilis* n. sp. Iowa, Devonian. **Eastman**. 5551.

*Dinichthys intermedius*. Ohio, Devonian. **Branson**. 5367.

———— *terrelli*. **Branson**. 5368.

*Dipterus* nn. spp. Iowa, Devonian. **Eastman**. 5551.

*Edestus karpinskiyi* n. sp. Kolonna, Missunianka. 5899.

*Elonichthys denticulatus* n. sp. Flintshire. **Traquair**. 6191.

*Gyracanthus primaevus* n. sp. New York, Devonian. **Eastman**. 5551.

*Myriolepis hibernica*. Irish. **Woodward**. 6276.

*Palaeophichtlys parvulus* n. gen. et sp. Illinois, Carboniferous. **Eastman**. 5551.

*Rhadinichthys deani* n. sp. Kentucky, Carboniferous. **Eastman**. 5551.

*Synthetodus calvini* n. sp. Iowa, Devonian. **Eastman**. 5551.

## 5431.60 MESOZOIC (GENERAL).

*Lepidotus*. **Priem**. 6003.

## 5431.65 TRIASSIC.

*Ceratodus ornatus* n. sp. S. Africa. **Broom**. 5388.

*Cleithrolepis minor* n. sp. S. Africa. **Broom**. 5388.

*Dictyopyge formosa* n. sp. S. Africa. **Broom**. 5388.

*Helichthys* n. gen. et spp. S. Africa. **Broom**. 5388.

*Hybodus africanus* n. sp. S. Africa. **Broom**. 5388.

*Hydropessum hannemeyeri* n. gen. et sp. S. Africa. **Broom**. 5388.

*Oxygnathus browni* n. sp. S. Africa. **Broom**. 5388.

(K-4794)

*Pholidophorus browni* n. sp. S. Africa. **Broom**. 5388.

———— *faccii* n. f. Carnia. **Gortani**. 5632.

*Saurichthys*. Germany. **Hennig**. 5678.

## 5431.70 JURASSIC.

*Ceratodus*. Australia. **Woodward**. 6274.

*Myriacanthus paradoxus*. Lyme Regis. **Woodward**. 6280.

*Notidamus subrecurvus* n. sp. Brüm. **Oppenheimer**. 5936.

*Otolithus bornholmiensis* n. sp. Bornholm. **Malling et Grönwall**. 5858.

## 5431.75 CRETACEOUS.

*Calamopleurus restitus* n. sp. Brazil, Cretaceous. **Jordan & Branner**. 5744.

*Cearana rochae* n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner**. 5744.

*Emeles andax* n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner**. 5744.

*Gyrodus pieteti* n. sp. Russia. **Karakaš**. 5748.

*Tharrhias araripis* n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner**. 5744.

## 5431.80 CAENOZOIC (TERTIARY) (GENERAL).

Elasmobranchii. Patagonia. **Leriche**. 5814.

## 5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

*Amia*. **Leriche**. 5817.

*Ancistrodon* nn. varr. **Priem**. 6002.

*Otolithus* nn. spp. Paris. **Priem**. 6001.

———— (*Apogoninarum*) *boulei* n. sp. Paris. **Priem**. 6001.

———— *orbicularis* n. sp. Paris. **Priem**. 6001.

———— (*Arius*) *lerichei* n. sp. Paris. **Priem**. 6001.

———— (*Omyeris*) *papointi* n. sp. Paris. **Priem**. 6001.

———— (*Dentex*) *dubius* n. sp. Paris. **Priem**. 6001.

———— (*Ophidiidarum*) *kokeni* n. sp. Paris. **Priem**. 6001.

*Otolithus* (*Percidarum*) *angustus* n. sp. Paris. **Priem.** 6001.

———— *concurvus* n. sp. Paris. **Priem.** 6001.

———— *obtusus* n. sp. Paris. **Priem.** 6001.

———— *Serranus bournoti* n. sp. Paris. **Priem.** 6001.

———— *Siluridarum incertus* n. sp. Paris. **Priem.** 6001.

———— (*Sparidarum*) *lemoinei* n. sp. Paris. **Priem.** 6001.

———— *savagei* n. sp. Paris. **Priem.** 6001.

———— (*Trachini*) *therenini* n. sp. Paris. **Priem.** 6001.

*Sciaenidarum mauchei* n. sp. Montpellier. **Leriche.** 5813.

*Trigonodon* n. var. et sp. **Priem.** 6002.

**5431.90** UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).  
GENERAL.

**Bassani.** 5319. Su alcuni avanzi di pesci nell'arenaria glauconiosa delle isole Tremiti.

SPECIAL.

*Anguilla vulgaris*. Limburg. **Reid, C. & Reid, E. M.** 6022.

*Cetorhinus*. Anvers. **Leriche.** 5809.

*Chrysophrys gervasi*. Rhône. **Leriche.** 5812.

Elasmobranchii. Anjou and Touraine. **Leriche.** 5810.

*Esox lucius*. Limburg. **Reid, C. & Reid, E. M.** 6022.

*Leuciscus erythrophthalmus*. Limburg. **Reid, C. & Reid, E. M.** 6022.

*Pasterosteus aculeatus*. Limburg. **Reid, C. & Reid, E. M.** 6022.

*Perca fluviatilis*. Limburg. **Reid, C. & Reid, E. M.** 6022.

Teleostei. Anjou and Touraine. **Leriche.** 5810.

*Tinea vulgaris?* Limburg. **Reid, C. & Reid, E. M.** 6022.

**5431.95** PLEISTOCENE AND  
RECENT.

*Gasterosteus doryssus* Jordan. **Jordan.** 5743.

**5631** REPTILIA AND  
BATRACHIA.

**5631.38** FOSSILS OF DOUBTFUL  
STRATIGRAPHICAL  
POSITION.

**Broili.** 5374. Die rhachitomen Wirbel der Stegocephalen.

**5631.39** GENERAL.

**Hay.** 5672. The fossil turtles of North America.

**Huene.** 5715. Zur Beurteilung der Sauropoden.

**Lull.** 5853. The cranial musculature and the origin of the frill in the ceratopsian dinosaurs.

**Moodie.** 5901. The ancestry of the caudate Amphibia.

**Williston.** 6256. North American plesiosaurs. *Trinacromerum*.

SPECIAL.

Dinosauria. **Huene.** 5719.

Theromorpha. **Ardt.** 5304.

**5631.55** UPPER PALAEOZOIC.

**Case.** 5424. Vertebrate fossils from the vicinity of Pittsburgh, Pennsylvania. [Bones and fragments of Amphibia and Reptilia from the Pennsylvanian formation (Carboniferous).]

**Williston.** 6254. The Cotylosauria.

———— 6255. "The oldest known reptile"—*Isodectes punctulatus* Cope.

SPECIAL.

*Callibrachion*. **Huene.** 5718.

*Dissorophus multieinctus* = *D. articulatus*. **Moodie.** 5904.

*Hortalotarsus*. S. Africa. **Broom.** 5381.

*Ichnium* nn. spp. Deutschland. **Pabst.** 5948.

*Isodectes copei* n. nom. Ohio, Carboniferous. **Williston.** 6255.

*Labidosaurus hamatus*. Texas. **Broili.** 5375.

*Lysorophus tricarinatus*. **Broili.** 5373.

———— *tricarinatus*, skull. **Case.** 5423.

———— *tricarinatus*. **Williston.** 6253. 6257.

*Ophiderpetontidae* n. fam. ex *Aistopoda*. **Schwarz**. 6090.

*Oxyodon britannicus* n. gen. et sp. **Huene**. 5717.

*Rhinesuchus whaitsi* n. sp. S. Africa. **Broom**. 5386.

*Sauravus costei*. France, Carboniferous. **Williston**. 6255.

*Tetraceratops insignis* n. gen. et sp. Texas, Permian. **Matthew**. 5871.

Therocephalia. **Broom**. 5385.

### 5631.60 MESOZOIC (GENERAL).

*Dinosaurus*. Ostafrika. **Fraas**. 5586.

*Ichthyosaurus*. **Branca**. 5365.

*Mesosaurus tenuidens*. **Vaillant**. 6208.

### 5631.65 TRIASSIC.

#### GENERAL.

**Abel**. 5267. Ein neuer Reptilientypus aus der Triasformation Ungarns.

**Huene**. 5717. Neue und verkannte Pelycosaurier-Reste aus Europa.

**Merriam**. 5883. Triassic Ichthyosauria, with special reference to the American forms.

#### SPECIAL.

*Alopecodon rugosus* n. gen. et sp. S. Africa. **Broom**. 5384.

*Bauria cynops* n. gen. et sp. S. Africa. **Broom**. 5389.

*Capitosaurus africanus* n. sp. S. Africa. **Broom**. 5389.

*Cymbospondylus* nn. spp. Nevada, Triassic. **Merriam**. 5883.

*Cynognathus*. **Broom**. 5391.

*Delphinosaurus perrini*. **Merriam**. 5883.

*Dicynodon seeleyi* n. sp. S. Africa. **Broili**. 5376.

*Eccasaurus priscus* n. gen. et sp. S. Africa. **Broom**. 5389.

*Gresslyosaurus* nn. spp. Europe. **Huene**. 5712.

*Hallopus victor*. **Huene** & **Lull**. 5720.

*Halticosaurus longotarsus* n. gen. et sp. Europe. **Huene**. 5712.

*Heleophilus acutus* n. gen. et sp. S. Africa. **Broom**. 5389.

*Howesia*. S. Africa. **Broom**. 5380.

*Hyacensuchus whaitsi* n. gen. et sp. S. Africa. **Broom**. 5384.

*Ichthyosaurus* spp. **Merriam**. 5883.

*Merriamia zitteli* (Merriam). **Merriam**. 5883.

*Mixosaurus* spp. **Merriam**. 5883.

*Nectosaurus*. **Merriam**. 5884.

*Pachysaurus* n. gen. et sp. Europe. **Huene**. 5712.

*Paridosuchus whaitsi* n. gen. et sp. S. Africa. **Broom**. 5384.

*Plateosaurus* nn. spp. Europe. **Huene**. 5712.

*Sellosaurus* n. gen. et sp. Europe. **Huene**. 5712.

*Shastasaurus* spp. **Merriam**. 5883.

*Tanystrophacus* nn. spp. Europe. **Huene**. 5712.

*Teratosaurus* nn. spp. Europe. **Huene**. 5712.

*Thecodontosaurus* nn. spp. Europe. **Huene**. 5712.

*Toretocnemus californicus*. **Merriam**. 5883.

*Trematosaurus kannemeyeri* n. gen. et sp. S. Africa. **Broom**. 5389.

*Trochosuchus acutus* n. gen. et sp. S. Africa. **Broom**. 5384.

### 5631.70 JURASSIC.

#### GENERAL.

**Hay**. 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratopsaurus nasicornis* Marsh.

#### SPECIAL.

*Antrodemus*. **Hay**. 5669.

*Baylanodon*. **Holland**. 5702.

*Ceratopsaurus nasicornis*, skull. **Hay**. 5669.

*Creosaurus*. **Hay**. 5669.

*Diplodocus*, skull. **Hay**. 5671; **Holland**. 5703.

*Glyptops plicatulus* (Cope). N. America. 5668.

*Ichthyosaurus*. **Woodward**. 6277.

*Labrosaurus* spp. **Hay**. 5669.

*Pelorosaurus*. France. **Sauvage**. 6062.

Pterosauria? **Broom.** 5387.

*Ramphorhynchus gemmingi.* **Wanderer.** 6226.

*Triceratops prorsus.* **Woodward.** 6286.

*Propappus* (Pareiasauria). **Broom.** 5383.

## 5631.75 CRETACEOUS.

### GENERAL.

**Hatcher.** 5666. The Ceratopsia.

**Hay.** 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratopsaurus nasicornis* Marsh.

**Holland.** 5700. An undetermined element in the osteology of the *Mosasauridae*.

**Lull.** 5851. Phylogeny, taxonomy, distribution, habits and environment of the Ceratopsia.

**Williston.** 6256. North American plesiosaurs. *Trinacromerum*.

### SPECIAL.

*Aloeus lacer* n. sp. New Jersey, Cretaceous. **Hay.** 5672.

*Agathaumas sylvestris.* **Hatcher.** 5666.

*Albertosaurus.* **Hay.** 5669.

*Amblypetra entellus* n. gen. et sp. New Jersey, Cretaceous. **Hay.** 5672.

*Ankylosauridae* n. fam. Montana, Cretaceous. **Brown.** 5394.

*Ankylosaurus magniventris* n. gen. et sp. Montana, Cretaceous. **Brown.** 5394.

*Aspideretes granifer* n. sp. Montana, Cretaceous. **Hay.** 5668.

————— n. spp. W. United States, Cretaceous. **Hay.** 5672.

*Ceratops* spp. **Hatcher.** 5666.

————— **Lull in Hatcher.** 5851.

Ceratopsia. **Lull in Hatcher.** 5851.

*Charitomyia* n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

*Deinodon.* **Hay.** 5669.

*Diceratops hatcheri* n. nom. **Lull.** **Hatcher.** 5666.

*Dryptosaurus.* **Hay.** 5669.

*Erpocliniscia molaria* n. sp. New Jersey, Cretaceous. **Hay.** 5672.

*Eubaena latifrons* n. gen. et sp. Wyoming, Cretaceous. **Hay.** 5672.

*Gigantosaurus* n. gen. et spp. E. Africa. **Fraas.** 5585.

*Glyptops* n. spp. United States, Cretaceous. **Hay.** 5672.

*Goniopholis crassidens.* Isle of Wight. **Hooley.** 5708.

*Gymys spectabilis* n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

*Helopanoplia distincta* n. gen. et sp. Wyoming, Cretaceous. **Hay.** 5672.

Ichthyosauria. **Ragenhofer.** 6041.

*Ichthyosaurus kokeni* n. sp. Germany. **Broili.** 5377.

*Lytoloma viclami* n. sp. New Jersey, Cretaceous. **Hay.** 5672.

*Manospondylus* genus of Theropoda not of Ceratopsia. **Hatcher.** 5666.

*Monoclonius* spp. **Hatcher.** 5666.

————— **Lull in Hatcher.** 5851.

*Naiadchelerys ingravata* n. gen. et sp. New Mexico, Cretaceous. **Hay.** 5672.

*Naomichelerys speciosa* n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

**Nopcsa.** 5925. Zur Kenntnis der fossilen Eidechsen.

*Osteopygia robustus* n. sp. New Jersey, Cretaceous. **Hay.** 5672.

*Protosteja* n. spp. Kansas, Cretaceous. **Hay.** 5672.

*Rhynchelys* n. gen. New Jersey, Cretaceous. **Hay.** 5672.

*Stegoceras validus.* **Hatcher.** 5666.

*Taplowisphys daves* n. sp. Georgia (?), Cretaceous. **Hay.** 5672.

*Thesclius* n. gen. et spp. W. United States, Cretaceous. **Hay.** 5672.

*Tosochelys elkader* n. sp. Kansas, Cretaceous. **Hay.** 5672.

*Triceratops* spp. **Hatcher.** 5666.

————— **Lull in Hatcher.** 5851.

*Trinacromerum latimanus.* Wyoming, Cretaceous. **Williston.** 6256.

## 5631.80 CAENOZOIC (TERTIARY) GENERAL.

*Testudo* n. spp. Norfolk. **Andrews.** 5293.

**5631.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).**

*Achilemys* n. gen. Wyoming, Eocene. **Hay.** 5672.

*Alamosemys substriata* n. gen. et sp. New Mexico, Eocene. **Hay.** 5672.

*Amyna* nn. spp. Wyoming, Utah, Eocene. **Hay.** 5672.

*Aspideretes* nn. spp. W. United States, Eocene. **Hay.** 5672.

*Baena* nn. spp. W. United States, Eocene. **Hay.** 5672.

*Baptemys* nn. spp. W. United States, Eocene. **Hay.** 5672.

*Clemmys morrisiae* n. sp. Wyoming, Eocene. **Hay.** 5672.

*Echmatemys rivalis* n. sp. Wyoming, Eocene. **Hay.** 5668.

————— nn. spp. W. United States, Eocene. **Hay.** 5672.

*Glyptosaurus? woodatus* n. sp. **Douglass.** 5529.

————— *obtusidens* n. sp. Wyoming, Eocene. **Loomis.** 5812.

*Hadrianus timidus* n. sp. Utah, Eocene. **Hay.** 5672.

*Hoplochelys* n. gen. et spp. New Mexico, Eocene. **Hay.** 5672.

————— *caelata* n. sp. Montana, Eocene. **Hay.** 5668.

*Kallistira* n. gen. New Mexico, Eocene. **Hay.** 5672.

*Lacerta eocena.* **Leriche.** 5817.

*Plastomenus* nn. spp. Wyoming, Eocene. **Hay.** 5672.

*Platypeltis* nn. spp. Wyoming, Eocene. **Hay.** 5672.

*Temnotrionyx manducans* n. gen. et sp. Wyoming, Eocene. **Hay.** 5672.

*Testudo thomsoni* n. sp. South Dakota, Oligocene. **Hay.** 5672.

**5631.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).**

*Crocodylus ossifragus* n. sp. Malay Peninsula. **Dubois.** 5547.

*Deirochelys floridana* n. sp. Florida, Pliocene. **Hay.** 5672.

*Gavialis bengawanicus* n. sp. **Dubois.** 5517.

*Macrochelys floridana* n. sp. Florida, Pliocene. **Hay.** 5672.

*Procolpochelys* n. gen. New Jersey, Miocene. **Hay.** 5672.

*Pseudemys extincta* n. sp. Florida, Pliocene. **Hay.** 5672.

*Rana Limburg.* **Reid & Reid.** 6022.

*Stylemys* nn. spp. Oregon, Miocene. **Hay.** 5672.

*Terrapene longinsular* n. sp. Kansas, Upper Tertiary. **Hay.** 5668.

*Testudo* nn. spp. W. United States, Miocene and Pliocene. **Hay.** 5672.

*Trachemys* nn. spp. Florida, Pliocene. **Hay.** 5672.

**5631.95 PLEISTOCENE AND  
RECENT.**

*Chrysemys timida* n. sp. Nebraska, Pleistocene. **Hay.** 5672.

*Pseudemys caelata* n. sp. Florida, Pleistocene (?) **Hay.** 5672.

*Rana esculenta* Hungary. **Bayger.** 5328.

*Trachemys trulla* n. sp. Texas, Pleistocene. **Hay.** 5672.

**5831 AVES.**

**5831.39 GENERAL.**

**Mowbray.** 5908. The cahow: Discovery in Bermuda of fossil bones and feathers supposed to belong to the extinct bird called "cahow" by the early settlers.

**5831.80 CAENOZOIC (TERTIARY)  
(GENERAL).**

**Regalia.** 6021. Avifaune fossili italiane.

**5831.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).**

*Aegialornis leonhardi* n. sp. France. **Gaillard.** 5601.

*Alabamornis.* **Lucas.** 5848.

*Amphiserpentarius schlosseri* n. gen. et n. sp. France. **Gaillard.** 5604.

*Archaeotrogon* nn. spp. France. **Gaillard.** 5601.

*Coccothraustes.* **Ussher.** 6203.

*Cypselavus gallicus* n. gen. et sp. France. **Gaillard.** 5604.

*Palaeoryptonyx depereti* n. sp. France. **Gaillard.** 5604.

*Paraortyx* n. gen. et spp. France. **Gaillard.** 5604.

*Pelaryopsis* nn. spp. France. **Gaillard.** 5604.

*Plesiocathartes europacus* n. gen. et sp. France. **Gaillard.** 5604.

*Strigogyps dubius* n. gen. et sp. France. **Gaillard.** 5604.

*Totanus edwardsi* n. sp. France. **Gaillard.** 5604.

## 6031 MAMMALIA.

### 6031.39 GENERAL.

**Lull.** 5852. The evolution of the elephant.

#### SPECIAL.

Cetacea. **Abel.** 5272.

*Elephas.* **Arlt.** 5301.

*Homo. Fabani.* 5568. L'antichità del genere umano. Roma, 1906-1907.

——— **Giuffrida-Ruggeri.** 5622b.

Lemuroidea. Madagascar. **Boule.** 5358.

*Lophiodon.* **Depéret.** 5513.

*Moropus petersoni* n. sp. Nebraska. **Holland.** 5704.

### 6031.80 CAENOZOIC (TERTIARY) (GENERAL).

#### GENERAL.

**Douglass.** 5527. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana.

**Matthew.** 5872. Osteology of *Blastomeryx* and phylogeny of the American *Cerridae*.

#### SPECIAL.

*Ancodon parvus* n. sp. Norfolk. **Andrews.** 5293.

Archaeoceti. **Stromer.** 6175.

*Necrolemur.* **Schlosser.** 6070.

*Procyglodon atræ* n. gen. et sp. Norfolk. **Andrews.** 5293.

*Sagatherium aegyptiacum* n. sp. Norfolk. **Andrews.** 5293.

*Sagatherium majus* n. sp. Norfolk. **Andrews.** 5293.

*Sinopa ethiopica* n. sp. Norfolk. **Andrews.** 5293.

### 6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

#### GENERAL.

**Granger.** 5640. A revision of the American Eocene horses.

**Osborn.** 5943. The four inseparable factors of evolution. Theory of their distinct and combined action in the transformation of the *Titanotheres*, an extinct family of hoofed animals in the order Perissodactyla.

**True.** 6195. The fossil cetacean, *Dorudon serratus* Gibbs.

#### SPECIAL.

*Aminippus* subgen. n. nom. **Granger.** 5640.

*Apidium* n. gen. *phiomensis* n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

Archaeoceti. Egypt. **Stromer.** 6176.

*Basilosaurus cetoides* (Owen.) **True.** 6195.

*Brontotherium hatcheri* n. sp. S. Dakota, Oligocene. **Osborn.** 5942.

*Coriophagus montanus* n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

*Dolichorhinus intermedius* n. sp. Utah, Eocene. **Osborn.** 5942.

*Dorudon serratus.* **True.** 6195.

*Echippus* nn. spp. Wyoming, Eocene. **Granger.** 5640.

*Eotitanops.* **Osborn.** 5942.

*Ephippus parvus* n. sp. Utah, Eocene. **Granger.** 5610.

*Hyenarctos insignis.* **Stehlin.** 6152.

*Lambdotherium popoayicum*, teeth and feet figured. **Osborn.** 5942.

——— *primaecum* n. sp. Wyoming, Eocene. **Loomis.** 5842.

*Limnolyops* nn. spp. Wyoming, Eocene. **Osborn.** 5942.

*Lophiodon.* **Thomas.** 6181.

——— *thomasi* n. sp. **Depéret.** 5514.

*Manteocras washakiensis* n. sp. Wyoming, Eocene. **Osborn.** 5942.



*Megopterna minuta* n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

*Mesatirhinus petersoni* n. gen. et sp. Wyoming, Eocene. **Osborn.** 5942.

*Mesohippus portentus* n. sp. Montana, Oligocene. **Douglass.** 5528.

*Metaphiomys beadnelli* n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

*Metarhinus fluvialis* n. gen. et sp. Wyoming and Utah, Eocene. **Osborn.** 5942.

*Orohippus typicus* n. nom. et spp. Wyoming, Eocene. **Granger.** 5640.

*Paleomastodon barroisi* n. sp. **Pontier.** 5992.

——— Fayoum. **Oppenheim.** 5933.

*Palaeosyops* nn. spp. Wyoming, Eocene. **Osborn.** 5942.

*Phiomys andrewsi* n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

*Pterodus silberlingi* n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

*Protitanotherium superbum* n. sp. Utah, Eocene. **Osborn.** 5942.

*Ptilodus montanus* n. sp. Montana, Fort Union beds. **Douglass.** 5530.

*Ptolemaia* n. gen. et sp. Egypt, Oligocene. **Osborne.** 5941.

*Ptolemaiidae* n. fam. **Osborne.** 5941.

*Symborodon copei* n. sp. South Dakota, Oligocene. **Osborn.** 5942.

*Telmatherium ultimum* nn. spp. Utah, Eocene. **Osborn.** 5942.

*Zeuglodon.* **Lucas.** 5848.

*Zygorhiza* n. gen. **True.** 6195.

## 6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

### GENERAL.

**Gidley.** 5615. Collection of fossil mammals from Virgin valley, Nevada.

**Loomis.** 5843. *Rhinocerotidae* of the Lower Miocene.

**Merciai.** 5882. Sopra alcuni resti di vertebrati miocenici delle ligniti di Ribilla.

**Napoli.** 5911. Intorno alla formazione di Monteverde e di alcuni fossili rinvenuti.

**Portis.** 5995. Di due notevoli avanzi di carnivori fossili dai terreni tufacei di Roma.

——— 5997. Di alcuni avanzi fossili di grandi ruminanti principalmente della provincia di Roma.

**Seguenza.** 6099. Nuovi resti di mammiferi pontici di Gravittelli presso Messina.

**Sinclair.** 6130. The Santa Cruz Tertiary.

**True.** 6197. Occurrence of remains of fossil cetaceans of the genus *Schizodelphis* in the United States, and on *Priscodelphinus (?) crassangulum* Case.

**Ugolini.** 6201. Resti di vertebrati marini del Pliocene di Orciano. Milano, 1907.

### SPECIAL.

*Accratherium egregius* n. sp. Nebraska, Miocene. **Cook.** 5484.

——— *stigeri*. Nebraska, Miocene. **Loomis.** 5843.

*Allippus taxus* n. gen. et sp. Montana, Miocene. **Douglass.** 5528.

*Aphelops montanus* n. sp. Montana, Miocene. **Douglass.** 5527.

*Bibos* nn. spp. Malay Peninsula. **Dubois.** 5547.

*Blastomeryx* nn. spp. W. United States, Miocene. **Matthew.** 5872.

——— skeleton. **Matthew.** 5872.

*Bubalis palaeokerabau* n. sp. Malay Peninsula. **Dubois.** 5547.

Cetacea. Los Angeles. **Gilbert.** 5617.

*Cercus* nn. spp. Malay Peninsula. **Dubois.** 5547.

*Diceratherium* nn. spp. Nebraska, Miocene. **Loomis.** 5843.

——— *arikareense* n. sp. Nebraska, Miocene. **Barbour.** 5137.

*Dinotherium giganteum*. S. Russia. **Pavlova.** 5953.

*Diprotodon australis.* **Abel.** 5274.

*Elephas.* Milan. **Mariani.** 5860.

——— **Portis.** 5996.

——— *antiquus.* Benevento.

**Matarazzi.** 5868.

——— *hysudrindicus* n. sp. Malay Peninsula. **Dubois.** 5547.

- Elephas primigenius*. Torino. **Parona**. 5952.
- Felis* nn. spp. Malay Peninsula. **Dubois**. 5547.
- Gazella darviesii* n. sp. Norfolk. **Hinton**. 5692.
- Hexaprotodon sirajavanicus* n. sp. Malay Peninsula. **Dubois**. 5547.
- Hyæna bathygnatha* n. sp. Malay Peninsula. **Dubois**. 5547.
- Leptobos* nn. spp. Malay Peninsula. **Dubois**. 5547.
- Lutra palaeoleponyx* n. sp. Malay Peninsula. **Dubois**. 5547.
- Manis* nn. spp. **Dubois**. 5547.
- Mastodon*. Italy. **Capellini**. 5417.
- *arvernensis*. **Barbiani**. 5316.
- Merychippus? missouriensis* n. sp. Montana, Miocene. **Douglass**. 5528.
- Mieratus (Miomys) intermedius* Newton. **Reid & Reid**. 6022.
- Parahippus tyleri* n. sp. Nebraska, Miocene. **Loomis**. 5844.
- Prospalax prisæus*. **Méhely**. 5876.
- Rhabdosteus lativalis*. **True**. 6196.
- Rhinoceros* nn. spp. Malay Peninsula. **Dubois**. 5547.
- Schizodelphis crassangulum*. Maryland, Miocene. **True**. 6197.
- Stenomylus gracilis*. **Peterson**. 5976.
- Sus* nn. spp. Malay Peninsula. **Dubois**. 5547.
- Papirus paucianicus* n. sp. Malay Peninsula. **Dubois**. 5547.
- Tetracerus kroeseni* n. sp. Malay Peninsula. **Dubois**. 5547.
- Tetraprothomo argentinus*. Südamerika. **Abel**. 5273.
- 6031.95 PLEISTOCENE AND RECENT.**
- GENERAL.
- Fiedler**. 5577. Säugetierreste aus braunschweigischen Torfmooren nebst einem Beitrag zur Kenntnis der osteologischen Geschlechtscharaktere des Rindschädels. Diss. Leipzig. 1907.
- Freudenberg**. 5593. Die Fauna von Hundsheim in Niederösterreich.
- Gilmore**. 5619. Smithsonian exploration in Alaska in 1907 in search of Pleistocene fossil vertebrates.
- Hovey**. 5709. The Chester, New York, mastodon. [Facsimile reproduction of sketch and description of skull and tusks of "*Elephas Mastodonta*" by P. S. Townsend, manuscript dated May 29, 1817.]
- Nasonov**. 5912. Sur les restes d'un cadavre de mammoth trouvés au bords de la rivière Sangajurjach et déposés au Musée Zoologique de l'Académie Impériale des Sciences. (Russe.)
- Perkins**. 5972. Fossil Cetacea of the Pleistocene of the United States and Canada, with special reference to *Delphinapterus vermontanus* Thompson.
- Phleps**. 5980. Das Skelett eines weiblichen *Bison prisæus* Boj. sowie andere Bison- und Bosreste aus dem Diluvium Siebenbürgens.
- Portis**. 5994. È dimostrata la contemporaneità dell'uomo paleolitico coll'elefante antico, l'ippopotamo ed un rinoceronte in Italia?
- Regalia**. 6018. Sulla fauna della "Grotta del castello" di Termini-Imerese (Palermo).
- 6019. Sull *Equus (Asinus) hydruntinus* Regalia della grotta di Romanelli (Castro-Lecce).
- SPECIAL.
- Aretomys*. Eragny. **Laville**. 5802.
- Bison occidentalis*, skeleton. **McClung**. 5856.
- Blacina brevicaula arkansensis* n. subsp. Arkansas, Pleistocene. **Brown**. 5395.
- Bootherium sargenti* n. sp. Michigan, Pleistocene. **Gidley**. 5616.
- Bovæ*. Europe. **Staudinger**. 6145.
- Bovis*. Germany. **Geinitz**. 5611.
- Brachypodonta* n. gen. et spp. Arkansas, Pleistocene. **Brown**. 5395.
- Bubalis prisæus* n. sp. S. Africa. **Broom**. 5390.
- Canis peruanus* n. sp. Peru. **Norden-skiöld**. 5926.
- Castor fiber*. **Linstow**. 5831.
- Cervus (Aurochis) cretensis* n. sp. Isola di Candia. **Simonelli**. 6126.
- *curyærus*. Ural. **Pavlova**. 5955.

- Delphinapterus vermontanus* n. sp. **Perkins**. 5972.
- Elephas antiquus*. Ile de Délos. **Cayeux**. 5427.
- *primigenius*. Germany. **Mieck**. 5898.
- **Pfizenmayer**. 5979.
- Bodenbach in Böhmen. **Toula**. 6189.
- Equus (Asinus) hydruntinus* n. sp. Castro, Lecce. **Regalia**. 6019.
- *capensis* n. sp. S. Africa. **Broom**. 5392.
- Felis*. Africa. **Scharff**. 6066.
- *loupiterus* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Fiber amnectus* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Furcifer? wingei* n. sp. Peru. **Nordenskiöld**. 5926.
- Geomys parvidens* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- \* *Gulo borealis*. France. **Hamy**. 5658.
- Hippopotamus*. Cyprus. **Bate**. 5323.
- Homo*. Creta. **Cacciamali**. 5406.
- **Issel**. 5724.
- Germany. **Löscher**. 5837.
- Giulia. **Marchesetti**. 5859.
- **Schwalbe**. 6088.
- **Stolyhwo**. 6170.
- Hyaena*. Ireland. **Ussher**. 6204.
- Lepus giganteus* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- *variabilis*. Kent. **Hinton**. 5693.
- Lynx compressus*. Arkansas, Pleistocene. **Brown**. 5395.
- Mastodon*. Cape Colony. **Beck**. 5329.
- **Hermann**. 5681.
- Megaceros giganteus*. **Fritze**. 5601.
- Megaladapis edwardsi*. Madagascar. **Lorenz v. [Libernau]**. 5845.
- Mephitis mephitica neotonensis* n. subsp. Arkansas, Pleistocene. **Brown**. 5395.
- Microsorex minutus* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Neotoma ozarkensis* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Onolhippidium peruanum* n. sp. Peru. **Nordenskiöld**. 5926.
- Oribos yukonensis* n. sp. Alaska, Pleistocene. **Gidley**. 5616.
- Oris*. N. Oesterreich. **Toula**. 6187.
- Phoca hispida* var. Norrköping. **Lönnberg**. 5834.
- Pithecanthropus*. **Deniker**. 5511.
- Java. **Elbert**. 5560.
- **Volz**. 6219.
- *erectus*. Malay Peninsula. **Elbert**. 5559; **Gorka**. 5628.
- Pracoribus prisens* n. gen. et sp. Thuringian States. **Staudinger**. 6144.
- Putorius* n. subsp. et sp. Arkansas, Pleistocene. **Brown**. 5395.
- Reithrodontomys simplicidens* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Rhinoceros*. Germany. **Löscher**. 5838.
- Austria. **Toula**. 6188.
- *merckii*. Germany. **Wüst**. 6288.
- *tichorhinus*. Eure. **Leroy**. 5819.
- Smilodontopsis* n. gen. et spp. Arkansas, Pleistocene. **Brown**. 5395.
- Sorex personatus fossilidens* n. subsp. Arkansas, Pleistocene. **Brown**. 5395.
- Sus*. Schweden. **Pira**. 5984.
- Symbos australis* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Tamias nasutus* n. sp. Arkansas, Pleistocene. **Brown**. 5395.
- Ursus*. Britain. **Reynolds**.
- Vespertilio fuscus grandis* n. subsp. Arkansas, Pleistocene. **Brown**. 5395.

## LIST OF NEW GENERA AND SPECIES.

## 0231 PALAEOZOOLOGIA.

HARDELLA [Testudinata].  
 ——— *isoclinata*, Dubois, 5547.

STEGONODON [Proboscidea].  
 ——— *ganesa* var. *jaranicus* n.  
 var. Dubois, 5547.

## 0431 PROTOZOA.

ADHERENTINA [Foraminifera].  
 ——— *rhenana*, Spandel, 6137.

Alveolinella n. gen. [Foraminifera].  
 Douvillé, 5533.

ANOMALINA [Foraminifera].  
 ——— *spinimargo*, Spandel, 6137.

Arnaudiella n. gen. [Foraminifera].  
 Douvillé, 5534.

BOLIVINA [Foraminifera].  
 ——— *beyrichi* var. *bituminosa* n.  
 var. Spandel, 6137.  
 ——— *böttgeri*, Spandel, 6137.  
 ——— *kiinkelini*, Spandel, 6137.  
 ——— *minutissima*, Spandel, 6137.  
 ——— *oligocänica*, Spandel, 6137.

CENELLIPSIS [Protozoa].  
 ——— *jarus*, Hinde, 5691.

CENOSPHAERA [Protozoa].  
 ——— *eayensi*, Hinde, 5691.  
 ——— *erebrispora*, Hinde, 5691.  
 ——— *hispida*, Hinde, 5691.  
 ——— *punctata*, Hinde, 5691.

COENOSPHERA [Protozoa].  
 ——— *mammillata*, Hinde, 5691.

CESTELLARIA [Foraminifera].  
 ——— *arictis*, Issler, 5725.  
 ——— *crepidula* var. *convoluta* n.  
 var. Issler, 5725.

DENTALINA [Foraminifera].  
 ——— *quadrata*, Issler, 5725.

DICOLCAPSA [Protozoa].  
 ——— *inawris*, Hinde, 5691.  
 ——— *wichmanni*, Hinde, 5691.

DICTYOMITRA [Protozoa].  
 ——— *arrecta*, Hinde, 5691.  
 ——— *cavea*, Hinde, 5691.  
 ——— *cincta*, Hinde, 5691.  
 ——— *cribraria*, Hinde, 5691.  
 ——— *decora*, Hinde, 5691.  
 ——— *glandula*, Hinde, 5691.  
 ——— *laevigata*, Hinde, 5691.  
 ——— *lelaini*, Hinde, 5691.  
 ——— *pygmaea*, Hinde, 5691.  
 ——— *sarvensis*, Hinde, 5691.  
 ——— *seausilis*, Hinde, 5691.  
 ——— *scitula*, Hinde, 5691.  
 ——— *simplex*, Hinde, 5691.  
 ——— *venusta*, Hinde, 5691.

DORYPLEGMA [Protozoa].  
 ——— *meudonense*, Hinde, 5691.

EUSYRINGIUM [Protozoa].  
 ——— *gracile*, Hinde, 5691.  
 ——— *jaculum*, Hinde, 5691.  
 ——— *parvulum*, Hinde, 5691.

KISSURINA [Foraminifera].  
 ——— *marginata* var. *spinosa* n.  
 var. Spandel, 6137.

FRONDICULARIA [Foraminifera].  
 ——— *carinata* var. *longa* n. var.  
 Issler, 5725.

FUSULINA [Foraminifera].  
 ——— *alpina* var. *rossica* n. var.  
 Schellwien, 6067.  
 ——— *alpina* var. *vetusta* n. var.  
 Schellwien, 6067.  
 ——— *anderssoni*, Schellwien,  
 6067.  
 ——— *arctica*, Schellwien, 6067.  
 ——— *brotovi*, Schellwien, 6067.  
 ——— *lutugini*, Schellwien, 6067.  
 ——— *minima*, Schellwien, 6067.

- FUSULINA** [Foraminifera].  
 ——— *moelleri*. Schellwien. 6067.  
 ——— *obsoleta*. Schellwien. 6067.  
 ——— *prisca* var. *artiensis* n. var.  
 Schellwien. 6067.  
 ——— *prisca* var. *parvula* n. var.  
 Schellwien. 6067.  
 ——— *simplex*. Schellwien. 6067.  
 ——— *subtilis*. Schellwien. 6067.  
 ——— *tschernyschewi*. Schellwien.  
 6067.  
 ——— *verneuili*. Schellwien. 6067.  
 ——— *vulgaris*. Schellwien. 6067.
- GAUDRYINA** [Foraminifera].  
 ——— *postsiphonella*. Spandel.  
 6137.
- GLANDULINA** [Foraminifera].  
 ——— *biconica*. Issler. 5725.
- HYPERAMMINA** [Foraminifera].  
 ——— *zindorfti*. Spandel. 6137.
- LEPIDOCYCLINA** [Foraminifera]. Ciofalo.  
 5446.  
 ——— *bayhariensis*. Checchia-Ris-  
 poli e Gemmellaro. 5444.  
 ——— *canelei*. Lemoine & Douvillé.  
 5808.  
 ——— *chaperi*. Lemoine & Dou-  
 villé 5808.  
 ——— *cottreaii*. Douvillé. 5543.  
 ——— *gallienii*. Lemoine & Dou-  
 villé. 5808.  
 ——— *giraudi*. Douvillé. 5543.  
 ——— *joffrei*. Lemoine & Dou-  
 villé. 5808.  
 ——— *morgani*. Lemoine & Dou-  
 villé. 5808.  
 ——— *munieri*. Lemoine & Dou-  
 villé. 5808.  
 ——— *raulini*. Lemoine & Dou-  
 villé. 5808.  
 ——— *schlumbergeri*. Lemoine &  
 Douvillé. 5808.  
 ——— *senoniana*. Checchia-Rispoli  
 e Gemmellaro. 5444.  
 ——— *tournoueri*. Lemoine & Dou-  
 villé. 5808.
- LITHOCAMPE** [Protozoa].  
 ——— *elegans*. Hinde. 5691.  
 ——— *levis*. Hinde. 5691.  
 ——— *mendonensis*. Hinde. 5691.  
 ——— *pupoides*. Hinde. 5691.
- LITHOMITRA** [Protozoa].  
 ——— *cathenata*. Hinde. 5691.  
 ——— *extensa*. Hinde. 5691.  
 ——— *praelonga*. Hinde. 5691.  
 ——— *scalaris*. Hinde. 5691.
- LITHOSTROBUS** [Protozoa].  
 ——— *pusillus*. Hinde. 5691.
- NODOSARIA** [Foraminifera].  
 ——— *kinkelini*. Spandel. 6137.
- NONIONINA** [Foraminifera].  
 ——— *polystomelliformis*. Spandel.  
 6137.
- NUMMULOSTEGINA** [Foraminifera].  
 ——— *velebitana*. Schubert. 6079.
- OPHTHALMIDIUM** [Meliolidae].  
 ——— *bacularis*. Issler. 5725.  
 ——— *oolithicum*. Gaub. 5606.
- ORBITOIDES** [Foraminifera].  
 ——— *adelis*. Checchia-Rispoli e  
 Gemmellaro. 5444.  
 ——— *curacensis*. Checchia-Ris-  
 poli e Gemmellaro. 5444.  
 ——— *panormitana*. Checchia-  
 Rispoli e Gemmellaro.  
 5444.  
 ——— *sicula*. Checchia-Rispoli e  
 Gemmellaro. 5444.
- ORBULINA** [Foraminifera].  
 ——— *bituminosa*. Spandel. 6137.
- PHORMOCYRTIS** [Protozoa].  
 ——— *lagena*. Hinde. 5691.
- PORODISCUS** [Protozoa].  
 ——— *levis*. Hinde. 5691.
- PSEUDARCELLA** [Foraminifera].  
 ——— *rhumleri*. Spandel. 6137.
- RHABDOSPIRA** [Foraminifera].  
 ——— *silicea*. Spandel. 6137.
- RHOPALASTRUM** [Protozoa].  
 ——— *pistillum*. Hinde. 5691.  
 ——— *verbecki*. Hinde. 5691.
- ROTALIA** [Foraminifera].  
 ——— *offenbachensis*. Spandel.  
 6137.
- SACCAMMINA** [Foraminifera].  
 ——— *grandistoma*. Spandel. 6137.  
 ——— *minutissima*. Spandel. 6137.
- SETHAMPHORA** [Protozoa].  
 ——— *pyriformis*. Hinde. 5691.  
 ——— *quinaboli*. Hinde. 5691.
- SIDEROLITHES** [Foraminifera].  
 ——— *calcitrapoides* var. *brevispira*  
 n. var. Osimo. 5946.  
 ——— *nummulitospira*. Osimo.  
 5496.  
 ——— *preveri*. Osimo. 5946.  
 ——— *rhomboidalis*. Osimo. 5946.  
 ——— *rhomboidalis* var. *crassisi-*  
*sima* n. var. Osimo. 5946.  
 ——— *rhomboidalis* var. *latispira*  
 n. var. Osimo. 5496.  
 ——— *van-den-broecki*. Osimo.  
 5496.

- SPHAEROPYLE** [Protozoa].  
 ——— *simplex*. Hinde. 5691.
- SPIROPLECTA** [Foraminifera].  
 ——— *intermedia*. Spandel. 6137.
- SPONGODISCUS** [Protozoa].  
 ——— *gracilis*. Hinde. 5691.  
 ——— *nitidus*. Hinde. 5691.  
 ——— *testilis*. Hinde. 5691.
- SPONGOLONCHIE** [Protozoa].  
 ——— *angularis*. Hinde. 5691.
- STICHOCAPSA** [Protozoa].  
 ——— *acerra*. Hinde. 5691.  
 ——— *apicata*. Hinde. 5691.  
 ——— *aspera*. Hinde. 5691.  
 ——— *capax*. Hinde. 5691.  
 ——— *capitata*. Hinde. 5691.  
 ——— *capula*. Hinde. 5691.  
 ——— *crinita*. Hinde. 5691.  
 ——— *fenestrata*. Hinde. 5691.  
 ——— *fusiiformis*. Hinde. 5691.  
 ——— *hispida*. Hinde. 5691.  
 ——— *inauris*. Hinde. 5691.  
 ——— *muconata*. Hinde. 5691.  
 ——— *nitida*. Hinde. 5691.  
 ——— *patula*. Hinde. 5691.  
 ——— *polita*. Hinde. 5691.  
 ——— *procera*. Hinde. 5691.  
 ——— *reticulata*. Hinde. 5691.  
 ——— *rustica*. Hinde. 5691.
- STICHOPHORMIS** [Protozoa].  
 ——— *polita*. Hinde. 5691.
- STYLOSPHAERA** [Protozoa].  
 ——— *densiporata*. Hinde. 5691.
- THEOCAMPE** [Protozoa].  
 ——— *tumida*. Hinde. 5691.
- THEOSYRINGIUM** [Protozoa].  
 ——— *saracense*. Hinde. 5691.
- TRICOLCAMPE** [Protozoa].  
 ——— *pumila*. Hinde. 5691.
- TRICOLCAPSA** [Protozoa].  
 ——— *arrecta*. Hinde. 5691.  
 ——— *celata*. Hinde. 5691.  
 ——— *humilis*. Hinde. 5691.  
 ——— *pinguis*. Hinde. 5691.
- TRISCATULINA** [Foraminifera].  
 ——— *globigeriniformis*. Spandel. 6137.
- UAGERINA** [Foraminifera].  
 ——— *sagriniformis*. Spandel. 6137.
- VALVULINELLA** [Foraminifera].  
 ——— *bukowskii*. Schubert. 6079.
- VIRGULINA** [Foraminifera].  
 ——— *frondicularoides*. Spandel. 6137.
- 0631 PORIFERA.**
- AMBLYSIPHONELLA** [Sycones].  
 ——— *guadalupensis*. Girty. 5622.
- Anthracosycon** n. gen. [Lithistida].  
 Girty. 5622.  
 ——— *ficus*. Girty. 5622.  
 ——— *ficus capitaneuse* n. var.  
 Girty. 5622.
- CHONELLA** [Lithistida].  
 ——— *andreensis*. Pošta. 5988.
- Coelocladia** n. gen. [Silicispongiae].  
 Girty. 5622A.  
 ——— *spinosa*. Girty. 5622A.
- Cystothalamia** n. gen. [Sycones].  
 Girty. 5622.  
 ——— *nodulifera*. Girty. 5622.
- Guadalupea** n. gen. [Sycones]. Girty. 5622.  
 ——— *cylindrica*. Girty. 5622.  
 ——— *cylindrica concreta* n. var.  
 Girty. 5622.  
 ——— *cylindrica robusta* n. var.  
 Girty. 5622.  
 ——— *digitata*. Girty. 5622.  
 ——— *farosa*. Girty. 5622.  
 ——— *zitteliana*. Girty. 5622.
- Heliospongia** n. gen. [Silicispongiae].  
 Girty. 5622A.  
 ——— *ramosa*. Girty. 5622A.  
 ——— *ramosa parallela* n. var.  
 Girty. 5622A.
- Heterocoelia** n. gen. [Calcispongiae].  
 Girty. 5622A.  
 — *beedei*. Girty. 5622A.
- Maeandrostia** n. gen. [Calcispongiae].  
 Girty. 5622A.  
 ——— *kansasensis*. Girty. 5622A.
- Pachycorynea** n. gen. [Lithistida].  
 Pošta. 5988.  
 ——— *erecta*. Pošta. 5988.
- Polysiphon** n. gen. [Sycones]. Girty. 5622.  
 ——— *mirabilis*. Girty. 5622.
- Pseudovirgula** n. gen. [Lithistida].  
 Girty. 5622.  
 ——— *tennis*. Girty. 5622.
- SCYTALIA** [Lithistida].  
 ——— *lughetensis*. Pošta. 5988.
- STEINMANNIA** [Sycones].  
 ——— *americana*. Girty. 5622.  
 ——— *benjamini*. Girty. 5622A.
- Stromatidium** n. gen. [Hexactinellida].  
 Girty. 5622.  
 ——— *typicale*. Girty. 5622.

- THAMNOSPONGIA [Lithistida].  
 ——— *pauciramea*. Poëta. 5988.
- VERRUCULINA [Lithistida].  
 ——— *cazioti*. Poëta. 5988.
- Virgula** n. gen. [Lithistida]. Girty.  
 5622.  
 ——— *neptunia*. Girty. 5622.  
 ——— *rigida*. Girty. 5622.  
 ——— *rigida constricta* n. var.  
 Girty. 5622.
- 0831 COELENTERATA.**
- Amplexi-Zaphrentis** n. subgen. [Tetracoralla]. Vaughan. 5869.
- APHRAGMASTRAEA [Hexacoralla].  
 ——— *cichcaldi*. Karakaš. 5748.  
 ——— *tenuisepta*. Karakaš. 5748.
- ASPIDISCUS [Hexacoralla].  
 ——— *semhae*. Kossmat. 5778.
- ASTROCOENIA [Coelenterata].  
 ——— *foliacea* var. *lobata* n. var.  
 Dollfus. 5525.
- AZYGORAPTUS [Graptolitoidea].  
 ——— *simplex* n. sp. Ruedemann.  
 6053.
- BOSNOPSAMMIA [Hexacoralla].  
 ——— *katzeri*. Oppenheim. 5434.
- Cactograptus** n. gen. [Graptolitoidea].  
 Ruedemann. 6053.  
 ——— *crassus*. Ruedemann. 6053.
- CAMPOPHYLLUM [Tetracoralla].  
 ——— *caninoïdes*. Sibly. 6116.
- CARCINOPHYLLUM [Tetracoralla].  
 ——— *mendipense*. Sibly. 6116.
- CARYOPHYLLIA [Hexacoralla].  
 ——— *sebastiana*. Steinmann &  
 Wilkens. 6159.
- CENTRASTRAEA [Hexacoralla].  
 ——— *sablensis*. Karakaš. 5748.
- CHAUNORAPTUS [Graptolitoidea].  
 ——— *gemmatas*. Ruedemann.  
 6053.  
 ——— *gracilis*. Clarke. 5454.  
 ——— *rectilinea*. Ruedemann.  
 6053.
- CLADOPORA [Hexacoralla].  
 ——— *spinulata*. Girty. 5622  
 ——— *tubulata*. Girty. 5622.
- CLIMACORAPTUS [Graptolitoidea].  
 ——— *antiquus* var. *bursifer* n. var.  
 Elles & Wood. 5562.  
 ——— *antiquus* var. *lineatus* n. var.  
 Elles & Wood. 5562.
- CLIMACORAPTUS [Graptolitoidea].  
 ——— *lveris*. Elles & Wood.  
 5562.  
 ——— *latus*. Elles & Wood. 5562.  
 ——— *mississippiensis*. Ruede-  
 mann. 6053.  
 ——— *modestus*. Ruedemann. 6055.  
 ——— *putillus crinitus* n. mut.  
 Ruedemann. 6053.  
 ——— *scalaris annulatus* n. var.  
 Ruedemann. 6053.  
 ——— *scalaris* var. *miserabilis* n.  
 var. Elles & Wood. 5562.  
 ——— *supernus*. Elles & Wood.  
 5562.  
 ——— *törnguisti*. Elles & Wood.  
 5562.  
 ——— *typicalis spinifer* n. mut.  
 Ruedemann. 6053.  
 ——— *ulrichi*. Ruedemann. 6053.  
 ——— *wilsoni* var. *tubularis* n. var.  
 Elles & Wood. 5562.
- CLISIOPHYLLUM [Tetracoralla].  
 ——— *curkeense*. Vaughan.  
 5869.
- CORYNOIDES [Graptolitoidea].  
 ——— *curtus comma* n. var. Ruede-  
 mann. 6053.  
 ——— *gracilis perungulatus* n. mut.  
 Ruedemann. 6053.
- CRYPTORAPTUS [Graptolitoidea].  
 ——— *tricornis insectiformis* n.  
 mut. Ruedemann. 6053.
- CYATHAXONIA [Tetracoralla].  
 ——— *contorta*. Vaughan. 5869.  
 ——— *dissimilis*. Gröber. 5647.  
 ——— *rushiana*. Vaughan. 5869.
- CYRTOGRAPTUS [Graptolitoidea].  
 ——— *ulrichi*. Ruedemann. 6053.
- DENDROGRAPTUS [Graptolitoidea].  
 ——— *camicus*. Vinassa de Regny.  
 6214.  
 ——— *rectus*. Ruedemann. 6053.
- DESMORAPTUS [Graptolitoidea].  
 ——— *beeraftensis*. Ruedemann.  
 6053.  
 ——— *italicus*. Vinassa de Regny.  
 6214.  
 ——— *tenivramosus*. Ruedemann  
 6053.  
 ——— *vandelooi*. Ruedemann. 6053.
- DICELLOGRAPTUS [Graptolitoidea].  
 ——— *divaricatus bicurvatus* n. var.  
 Ruedemann. 6053.  
 ——— *divaricatus rectus* n. var.  
 Ruedemann. 6053.

- DICELLOGRAPTUS** [Graptolitoidea].  
 — *mensurans*. Ruedemann. 6053.  
 — *moftatensis alabamensis* n. var. Ruedemann. 6053.  
 — *sertans perovilis* n. var. Ruedemann. 6053.  
 — *smithi*. Ruedemann. 6053.
- DICRANOGRAPTUS** [Graptolitoidea].  
 — *contortus*. Ruedemann. 6053.  
 — *jurcatus exilis* n. var. Ruedemann. 6053.  
 — *spinifer geniculatus* n. var. Ruedemann. 6053.
- DICTYONEMA** [Graptolitoidea].  
 — *areyi*. Gurley. 6053.  
 — *leyroynse*. Gurley. 6053.  
 — *megadietyon*. Gurley. 6053.  
 — *perradiatum*. Gurley. 6053.  
 — *polymorphum*. Gurley. 6053.  
 — *spiniferum*. Ruedemann. 6053.
- DIPLOGRAPTUS** [Graptolitoidea].  
 — *amplexicaulis pertenuis* n. var. Ruedemann. 6053.  
 — *crassitestus*. Ruedemann. 6053.  
 — *euglyphus pygmaeus* n. var. Ruedemann. 6053.  
 — *foliaceus alabamensis* n. var. Ruedemann. 6053.  
 — *foliaceus resperitinus* n. mut. Ruedemann. 6053.
- ELASMOPHYLLIA** [Hexacoralla].  
 — *robusta*. Felix. 5576.
- Ephropsites** n. gen. [Coronata].  
 — Ammon. 5289.  
 — *jurassicus*. Ammon. 5289.
- EUSYRA** [Hexacoralla].  
 — *poutica*. Karakaš. 5748.
- FAVIA** [Hexacoralla].  
 — *gracilis*. Karakaš. 5748.  
 — *humei*. Gregory. 5544.  
 — *taurica*. Karakaš. 5748.
- GLOSSOGRAPTUS** [Graptolitoidea].  
 — *ciliatus debilis* n. var. Ruedemann. 6053.  
 — *ciliatus horridus* n. mut. Ruedemann. 6053.  
 — *quadrimumcronatus approximatus* n. var. Ruedemann. 6053.  
 — *quadrimumcronatus cornutus* n. var. Ruedemann. 6053.  
 — *quadrimumcronatus postremus* n. mut. Ruedemann. 6053.
- ISASTRAEA** [Hexacoralla].  
 — *cichcaldi*. Karakaš. 5748.  
 — *fascigera*. Felix. 5576.  
 — *goldfussi*. Karakaš. 5748.  
 — *osascoi*. Airaghi. 5281.
- ISIS** [Octocoralla].  
 — *hamiltoni*. Thomson. 6182.
- LASIOGRAPTUS** [Graptolitoidea].  
 — *bimumcronatus timidus* n. mut. Ruedemann. 6053.
- LATIMEANDRARAEA** [Hexacoralla].  
 — *duboisii*. Karakaš. 5748.
- LEPTASTRAEA** [Hexacoralla].  
 — *barroni*. Gregory. 5644.
- LEPTOGRAPTUS** [Graptolitoidea].  
 — *flaccidus spinifer trentonensis* n. mut. Ruedemann. 6053.  
 — *flaccidus spinifer trifidus* n. mut. Ruedemann. 6053.  
 — *flaccidus trentonensis* n. mut. Ruedemann. 6053.
- LINDSTROEMIA** [Tetracoralla].  
 — *cylindrica*. Girty. 5622.  
 — *perimiana*. Girty. 5622.
- LITHOSTROTION** [Tetracoralla].  
 — *cyathophylloides* n. sp. Vaughan. 5869.
- LYOPORA** [Tabulata].  
 — *gigantea*. Knod. 5768.
- Mastigograptus** n. gen. [Graptolitoidea].  
 — Ruedemann. 603.  
 — *circinalis*. Ruedemann. 6053.
- MICHELINIA** [Tabulata].  
 — *transitoria*. Knod. 5768.
- MONOGRAPTUS** [Graptolitoidea].  
 — *amphibolus*. Törnquist. 6184.  
 — *colonus* var. *intermedia* n. var. Vinassa de Regny. 6241.  
 — *prionon chapmanensis* n. mut. Ruedemann. 6053.
- MONTLIVAUTIA** [Hexacoralla].  
 — *acutisepta*. Airaghi. 5281.  
 — *angusta*. Airaghi. 5281.  
 — *dallagyi*. Airaghi. 5281.  
 — *erecta*. Airaghi. 5281.  
 — *flabelliformis*. Airaghi. 5281.  
 — *ugi*. Airaghi. 5281.  
 — *osascoi*. Airaghi. 5281.  
 — *rufti*. Airaghi. 5281.
- NEMAGRAPTUS** [Graptolitoidea].  
 — *exilis linearis* n. var. Ruedemann. 6053.



- NEMAGRAPTUS** [Graptolitoidea].  
 ——— *gracilis approximatus* n. var.  
 Ruedemann. 6053.  
 ——— *gracilis distans* n. var.  
 Ruedemann. 6053.
- OCULINA** [Hexacoralla].  
 ——— *mississippiensis* var. *pata-*  
*gonica* n. var. Angelis  
 d'Ossat (De). 5296.
- ODONTOCAULUS** [Graptolitoidea].  
 ——— *hepaticus*. Ruedemann. 6053.
- ORBICELLA** [Hexacoralla].  
 ——— *mellahica*. Gregory. 5644.
- PALAEODICTYOTA** [Graptolitoidea].  
 ——— *bella recta* n. mut. Ruede-  
 mann. 6053.  
 ——— *clintonensis*. Ruedemann.  
 6053.
- PHYLLOCOENIA** [Hexacoralla].  
 ——— *fromenteli*. Karakaš. 5748.
- PLEURODICTYUM** [Tabulata].  
 ——— *lenticulare laurentinum* n.  
 var. Clarke. 5454.
- PRIONASTRAEA** [Hexacoralla].  
 ——— *lyonsi*. Gregory. 5644.  
 ——— *verbeeki* n. nov. Dollfuss.  
 5525.
- PTILOGRAPTUS** [Graptolitoidea].  
 ——— *hainageli*. Ruedemann.  
 6053.  
 ——— *poctai*. Ruedemann. 6053.
- Ptiograptus** n. gen. [Graptolitoidea].  
 Ruedemann. 6053.  
 ——— *percorrugatus*. Ruedemann.  
 6053.
- RASTRITES** [Graptolitoidea].  
 ——— *approximatus* var. *geinitzi*  
 n. var. Tornquist. 6184.  
 ——— *peregrinus* var. *pecten* n. var.  
 Tornquist. 6184.  
 ——— *peregrinus* var. *socialis* n.  
 var. Tornquist. 6184.
- RHABDOPHYLLIA** [Hexacoralla].  
 ——— *badli*. Felix. 5576.
- RHIZOPHYLLUM** [Tetracoralla].  
 ——— *robustum*. Shearsby. 6108.
- SOLENASTRAEA** [Hexacoralla].  
 ——— *elliptica*. Gregory. 5644.
- Spongiostroma** n. gen. [Hydrozoa].  
 Rothpletz. 6050.  
 ——— *balvicum*. Rothpletz. 6050.  
 ——— *holmi*. Rothpletz. 6050.
- STEPHANOCOENIA** [Hexacoralla].  
 ——— *nelkarthi*. Felix. 5576.
- STYLINA** [Hexacoralla].  
 ——— *ammonis*. Felix. 5576.  
 ——— *esmunii*. Felix. 5576.  
 ——— *tetramera*. Gregory. 5644.
- STYLOCOENIA** [Hexacoralla].  
 ——— *epithecata*. Oppenheim. 5934.  
 ——— *solomkoi*. Karakaš. 5748.  
 ——— *tuberculata*. Gregory. 5644.
- Syndyograptus** n. gen. [Graptolitoidea].  
 Ruedemann. 6053.  
 ——— *pecten*. Ruedemann. 6053.
- CHAMNASTRAEA** [Hexacoralla].  
 ——— *nagi*. Airaghi. 5281.
- THECOSMILIA** [Hexacoralla].  
 ——— *veneta*. Airaghi. 5281.
- VERBEEKIA** [Tetracoralla].  
 ——— *permica*. Penecke. 5966.
- Verbeekiella** n. nom. [Tetracoralla].  
 Penecke. 5965.
- ZAPHRENTIS** [Tetracoralla].  
 ——— *palmeri*. Rowley. 6052.

## 1031 ECHINODERMATA.

- Acanthechinopsis** n. gen. [Echinoidea].  
 Gregory. 5645.  
 ——— *barroni*. Gregory. 5645.  
 ——— *humei*. Gregory. 5645.
- ACHRAOCCRINUS** [Crinoidea].  
 ——— *patulus*. Slocum. 6132.
- ACROSALENIA** [Echinoidea].  
 ——— *colcanapi*. Cottreau. 5494.  
 ——— *lemoinei*. Lambert & Le-  
 moine. 5793.
- AMPHINEURA** [Ophiuroidea].  
 ——— *sanctaerucis*. Arnold. 5310.
- Apsidocrinus** n. gen. [Pentacrinoidea].  
 Jaekel. 5729.
- BATOCRINUS** [Crinoidea].  
 ——— *curiosus*. Rowley. 6052.
- BRISSOSPATANGUS** [Echinoidea].  
 ——— *humei*. Fourtau. 5583.
- CASSIDULUS** [Echinoidea].  
 ——— *ferganensis*. Faas. 5567.
- CIDARIS** [Echinoidea].  
 ——— *branneri*. Arnold. 5309.  
 ——— *merriami*. Arnold. 5309.  
 ——— *scarabellii*. Stefanini. 5920.  
 ——— *valettei*. Lambert. 5790.
- CIRCOPELTIS** [Echinoidea].  
 ——— *peroni*. Lambert. 5790.
- CLYPEASTER** [Echinoidea].  
 ——— *bowersi*. Weaver. 6233.  
 ——— *capellini*. Nelli. 5920.

- CODONITES [Blastoidea].  
 ——— *stelliformis catactus* n. var.  
 Rowley. 6052.
- COENOCYSTIS n. gen. [Cystoidea]. Girty.  
 5622.  
 ——— *richardsoni*. Girty. 5622.
- COPTOSOMA [Echinoidea].  
 ——— *gunnehensis*. Gregory. 5645.
- CYATHOCRINUS [Crinoidea].  
 ——— *elongatus*. Knod. 5768.
- CYTHOSOMA [Echinoidea].  
 ——— *beadnelli*. Gregory. 5645.
- DIADEMOPSIS [Echinoidea].  
 ——— *helvetica*. Tornquist. 6185.
- DIPLOCIDARIS [Echinoidea].  
 ——— *jacquemeli*. Lambert. 5788.
- DIPLODETUS [Echinoidea].  
 ——— *gautieri*. Cottreau. 5494.  
 ——— *pyrenaicus*. Lambert. 5787.
- DOROCIDARIS [Echinoidea].  
 ——— *bazerquei*. Lambert. 5791.
- ECHINANTHUS [Echinoidea].  
 ——— *angustipneustes*. Lambert.  
 5791.
- ECHINOBRISUS [Echinoidea].  
 ——— *nucleolites*. Faas. 5567.  
 ——— *tauricus*. Karakaš. 5748.
- ECHINOCORYS [Echinoidea].  
 ——— *fercensis*. Lambert. 5787.
- ECHINOCYAMUS [Echinoidea].  
 ——— *loroli*. Checchia-Rispoli.  
 5440.
- ECHINOLAMPAS [Echinoidea].  
 ——— *feiranensis*. Gregory. 5645.  
 ——— *stefanini*. Nelli. 5920.  
 ——— *stefanini* var. *oblonga* n. var.  
 Nelli. 5920.  
 ——— *subcylindricus* var. *rojanen-*  
*sis* n. var. Fourtau. 5583.  
 ——— *ujolinii*. Stefanini. 6148.
- ECHINOSPATAGUS [Echinoidea].  
 ——— *gaudryi*. Cottreau. 5494.
- ECHINUS [Echinoidea].  
 ——— *batheri*. Checchia-Rispoli.  
 5440.
- Engelda n. gen. [Echinoidea]. Torn-  
 quist. 6185.
- EPIASTER [Echinoidea].  
 ——— *duncanii*. Kossmat. 5778.  
 ——— *orientalis*. Kossmat. 5778.
- EUSPATAGUS [Echinoidea].  
 ——— *sanmarinensis*. Nelli. 5920.
- EUSPATANGUS [Echinoidea].  
 ——— *cleopatrae*. Fourtau. 5583.
- GARUMNASTER n. gen. [Echinoidea].  
 Lambert. 5787.  
 ——— *michaleti*. Lambert. 5787.
- GONIOPYGUS [Echinoidea].  
 ——— *bazerquei*. Lambert. 5787.  
 ——— *tetraphyma*. Lambert. 5787.
- HABROCRINUS [Crinoidea].  
 ——— *farringtoni*. Slocum. 6132.  
 ——— *lemontensis*. Slocum. 6132.
- HEMASTER [Echinoidea].  
 ——— *boulci*. Cottreau. 5494.  
 ——— *senhae*. Kossmat. 5778.
- HEMIPEDINA [Echinoidea].  
 ——— *parrula*. Tornquist. 6185.
- HETERODIADEMA [Echinoidea].  
 ——— *bigranulatum*. Gregory.  
 5645.
- HOLECTYPES [Echinoidea].  
 ——— *proximus*. Lambert. 5787.
- HYPODIADEMA [Echinoidea].  
 ——— *menuthias*. Lambert &  
 Lemoine. 5793.
- Leptodiscus n. gen. [Crinoidea]. Rowley.  
 6052.  
 ——— *corrugatus*. Rowley. 6052.
- LINTHIA [Echinoidea].  
 ——— *bazerquei*. Lambert. 5787.  
 ——— ? *californica*. Weaver. 6233.
- Lonchocrinus n. gen. [Pentacrinoidea].  
 Jaekel. 5729.
- MICROPEDINA [Echinoidea].  
 ——— *bipatellis*. Gregory. 5645.
- MICROPSIS [Echinoidea].  
 ——— *cerizolsensis*. Lambert. 5787.
- NUCLEOPYGUS [Echinoidea].  
 ——— *carezi*. Lambert. 5787.
- PALAEOPEDINA [Echinoidea].  
 ——— *sondelhiugensis*. Tornquist.  
 6185.
- PERICOSMUS [Echinodermata].  
 ——— *timorensis*. Lambert. 5792.
- PHYMOSOMA [Echinoidea].  
 ——— *carezi*. Lambert. 5787.  
 ——— *sarini*. Lambert. 5787.
- Pilocrinus n. gen. [Pentacrinoidea].  
 Jaekel. 5729.
- PLATYCRINUS [Crinoidea].  
 ——— *augusta*. Slocum. 6132.  
 ——— *dodgei*. Rowley. 6052.

- PLESIOLAMPAS [Echinoidea].  
 ————— *paquieri*. Lambert. 5786.  
 ————— *titanensis*. Nelli. 5920.
- Podolithus** n. gen. [Crinoidea]. Sardeson.  
 6060.  
 ————— *anomalcrocinus*. Sardeson.  
 6060.  
 ————— *dendroerinus*. Sardeson.  
 6060.  
 ————— *eucheirocrinus*. Sardeson.  
 6060.  
 ————— *schizoerinus*. Sardeson. 6060.  
 ————— *strophocrinus* n. nom. Sarde-  
 son. 6060.
- POTERIOCRINUS [Crinoidea].  
 ————— *jeffriesi*. Rowley. 6052.
- Proholopus** n. gen. [Pentacrinoidea].  
 Jaekel. 5729.
- Protobrissus** n. gen. [Echinoidea].  
 Lambert. 5787.  
 ————— *montseni*. Lambert. 5787.
- PSAMMECHINUS [Echinoidea].  
 ————— *mauzonii*. Nelli. 5920.
- Pseudolopus** n. gen. [Pentacrinoidea].  
 Jaekel. 5729.
- RACHIOSOMA [Echinoidea].  
 ————— *lorioli*. Lambert. 5787.
- SALENIA [Echinoidea].  
 ————— *eristata*. Fourtau. 5583.
- SALENIA [Echinoidea].  
 ————— *paquieri*. Lambert. 5787.
- SCHIZASTER [Echinoidea].  
 ————— *stalderi*. Weaver. 6233.  
 ————— *vicinalis* var. *libycus* n. var.  
 Fourtau. 5583.
- SCHIZOBLASTUS [Blastoidea].  
 ————— *delta*. Boehm. 5349.  
 ————— *timorensis*. Boehm. 5349.
- SCUTELLA [Echinoidea].  
 ————— *airaghii*. Nelli. 5920.  
 ————— *perrini*. Weaver. 6233.
- SCUTELLINA [Echinoidea].  
 ————— *alexati*. Cottreau & Alexat.  
 5495.
- SPATANGUS [Echinoidea].  
 ————— *distefanoi*. Checchia-Rispoli.  
 5440.  
 ————— *lamberti*. Checchia-Rispoli.  
 5440.
- SPHAERECHINUS [Echinoidea].  
 ————— *seillae*. Checchia-Rispoli.  
 5440.
- STEPHANOCRINUS [Crinoidea].  
 ————— *obconicus*. Slocum. 6132.  
 ————— *skijfi*. Slocum. 6132.

- THYLECHINUS [Echinoidea].  
 ————— *quincuncialis*. Gregory. 5645.  
 ————— *trigranulatus*. Gregory.  
 5645.
- THYSANOCRINUS [Crinoidea].  
 ————— *campanulatus*. Slocum. 6132.
- TRISTOMASTUS [Echinoidea].  
 ————— *lecointseae*. Lambert. 5789.
- ZOPHOCRINUS [Crinoidea].  
 ————— *globosus*. Slocum. 6132.  
 ————— *pyriformis*. Slocum. 6132.

**1831** VERMES.

- SERPULA [Polychaeta].  
 ————— *markmani*. Henderson. 5673.  
 ————— *rotundoquadrata*. Krause.  
 5780.  
 ————— *subnummulus*. Nelli. 5920.
- SPIROBIS [Annelida].  
 ————— *latissimus*. Clarke. 5454.  
 ————— *texanus*. Girty. 5622.
- TENTACULITES [Annelida].  
 ————— *cartieri*. Clarke. 5454.  
 ————— *leclercquia*. Clarke. 5454.

**2031** BRACHIOPODA AND  
BRYOZOA.

- ACANTHOCALADIA [Bryozoa].  
 ————— *guadalupensis*. Girty. 5622.
- ACROTHELE [Brachiopoda].  
 ————— *artemis*. Walcott. 6222.  
 ————— *bellapunctata*. Walcott. 6222.  
 ————— *bergeroni*. Walcott. 6222.  
 ————— *borgholmensis*. Walcott.  
 6222.  
 ————— *levisensis*. Walcott. 6222.  
 ————— *spurri*. Walcott. 6222.  
 ————— *subsida heri* n. var. Wal-  
 cott. 6222.  
 ————— *turneri*. Walcott. 6222.  
 ————— *woodworthi*. Walcott. 6222.  
 ————— *yorkensis*. Walcott. 6222.
- Acrothelinae** n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.
- ACROTRETA [Brachiopoda].  
 ————— *bellatula*. Walcott. 6222.  
 ————— *marjumensis*. Walcott. 6222.  
 ————— *ophurensis descendens* n. var.  
 Walcott. 6222.  
 ————— *rudis*. Walcott. 6222.  
 ————— *ulrichi*. Walcott. 6222.

- Acrotretinae** n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.

- ACTINOTRYPA [Bryozoa].  
 ——— *sera*. Girty. 5622.
- AMBOCOELIA [Brachiopoda].  
 ——— *planiconveza guadalupensis*  
 n. var. Girty. 5622.
- Arctitreta n. gen. [Brachiopoda]. Whit-  
 field. 6244.  
 ——— *pearyi*. Whitfield. 6244.
- ATHYRIS [Brachiopoda].  
 ——— *ambouensis*. Boehm. 5349.  
 ——— *hera*. Clarke. 5454.  
 ——— *montanensis*. Kindle. 5762.
- ATRYPA [Brachiopoda].  
 ——— *desquamata* var. *rujosa* n.  
 var. Gortani. 5631.  
 ——— *spinosa montanensis* n. var.  
 Kindle. 5762.
- AULOSTEGES [Brachiopoda].  
 ——— *magnicostatus*. Girty. 5622.  
 ——— *medlicottianus americanus*  
 n. var. Girty. 5622.
- BEACHIA [Brachiopoda].  
 ——— *amplexa*. Clarke. 5454.
- Biciinae n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.
- BILLINGSSELLA [Brachiopoda].  
 ——— *major*. Walcott. 6222.  
 ——— *marion*. Walcott. 6222.
- BOTSFORDIA [Brachiopoda].  
 ——— *barrandei*. Walcott. 6222.
- BYTHOPORA [Bryozoa].  
 ——— *ulrichi*. Hennig. 5676.
- Caberoides n. gen. [Bryozoa]. Canu.  
 5415.  
 ——— *canaliculata*. Canu. 5415.  
 ——— *grignonensis*. Canu. 5415.
- CALLOPORA [Bryozoa].  
 ——— *ballica*. Hennig. 5676.  
 ——— *bassleri*. Hennig. 5676.  
 ——— *claviformis*. Hennig. 5676.  
 ——— *froudosia*. Cumings. 5490.  
 ——— *varians*. Hennig. 5676.
- Calvetina n. gen. [Bryozoa]. Canu.  
 5415.  
 ——— *ventricosa*. Canu. 5415.
- Camarophorella n. gen. [Brachiopoda].  
 Hyde. 5722.  
 ——— *mutabilis*. Hyde. 5722.
- CAMAROPHORIA [Brachiopoda].  
 ——— *cenusta*. Girty. 5622.
- CATENICELLA [Bryozoa].  
 ——— *granulosa*. Canu. 5415.
- CERAMOPORA [Bryozoa].  
 ——— *armata*. Hennig. 5676.  
 ——— *lindströmi*. Hennig. 5676.  
 ——— *perforata*. Hennig. 5676.
- CHONETES [Brachiopoda].  
 ——— *billingsi*. Clarke. 5454.  
 ——— *hillanus*. Girty. 5622.  
 ——— *subliratus*. Girty. 5622.
- Clarkella n. gen. [Brachiopoda].  
 Walcott. 6222.
- COMPOSITA [Brachiopoda].  
 ——— *emarginata*. Girty. 5622.  
 ——— *emarginata affinis* n. var.  
 Girty. 5622.  
 ——— *mexicana guadalupensis* n.  
 var. Girty. 5622.
- CRANIA [Brachiopoda].  
 ——— *dodgei*. Rowley. 6052.  
 ——— *spiculata*. Rowley. 6052.
- CRANIELLA [Brachiopoda].  
 ——— *granlegreensis*. Clarke.  
 5454.
- CRANOENA [Brachiopoda].  
 ——— *morsii*. Greger. 5643.
- CREPIPORA [Bryozoa].  
 ——— *lunariata*. Hennig. 5676.
- CRIBRILINA [Bryozoa].  
 ——— *dibleyi*. Brydone. 5398.  
 ——— *gregoryi*. Brydone. 5398.  
 ——— *jukes-browni* n. sp. Bry-  
 done. 5398.  
 ——— *sherborni*. Brydone. 5398.
- CRYPTONELLA [Brachiopoda].  
 ——— *elisi*. Clarke. 5454.
- Curticiidae n. fam. [Brachiopoda].  
 Walcott & Schuchert. 6222
- CYCLOTRYPA [Bryozoa].  
 ——— *inflata*. Hennig. 5676.  
 ——— *silurica*. Hennig. 5676.
- DALMANELLA [Brachiopoda].  
 ——— *penouili*. Clarke. 5454.
- DALMANELLA [Brachiopoda].  
 ——— *allegania*. Williams. 6249.  
 ——— *carinata epsilon* n. var.  
 Williams. 6249.  
 ——— *danbyi*. Williams. 6249.  
 ——— *elmira*. Williams. 6249.  
 ——— *virginia*. Williams. 6249.  
 ——— *virginia beta* n. var.  
 Williams. 6249.
- Dearbornia n. gen. [Brachiopoda].  
 Walcott. 6222.  
 ——— *clarki*. Walcott. 6222.
- DEFRANCIA [Bryozoa].  
 ——— *aspidoides*. Butter. 5345.

- DERBYA** [Brachiopoda].  
 — *crenulata*. Girty. 5622.  
 — *nasuta*. Girty. 5622.
- DIASTOPORA** [Bryozoa].  
 — *sparsipora*. Canu. 5413.
- DICELLOMUS** [Brachiopoda].  
 — *parvus*. Walcott. 6222.  
 — *prolificus*. Walcott. 6222.
- DIELASMA** [Brachiopoda].  
 — *ambonense*. Boehm. 5349.  
 — *cordatum*. Girty. 5622.  
 — *prolongatum*. Girty. 5622.  
 — *scutulatum*. Girty. 5622.  
 — *spatulatum*. Girty. 5622.  
 — *sulcatum*. Girty. 5622.
- DIELASMINA** [Brachiopoda].  
 — *guadalupensis*. Girty. 5622.
- DISCINA** [Brachiopoda].  
 — *basculi* n. f. Kittl. 5766.
- DOMOPORA** [Bryozoa].  
 — *constricta*. Girty. 5622.  
 — *hillana*. Girty. 5622.  
 — *incrustans*. Girty. 5622.  
 — *ocellata*. Girty. 5622.  
 — *terminalis*. Girty. 5622.  
 — *vittata*. Girty. 5622.
- Elkaniinae** n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.
- ENTELETES** [Brachiopoda].  
 — *angulatus*. Girty. 5622.  
 — *dumbei*. Girty. 5622.  
 — *globosus*. Girty. 5622.
- Eoorthinae** n. subfam. [Brachiopoda].  
 Walcott. 6222.
- Eoorthis** n. gen. [Brachiopoda].  
 Walcott. 6222.  
 — *clarki*. Walcott. 6222.  
 — *newberryi*. Walcott. 6222.  
 — *thyone*. Walcott. 6222.  
 — *zeno*. Walcott. 6222.
- ERIDOTRYPA** [Bryozoa].  
 — *crassa*. Hennig. 5676.  
 — *densipora*. Hennig. 5676.  
 — *ramosa*. Hennig. 5676.
- ESCHARA** [Bryozoa].  
 — *rovei*. Brydone. 5398.
- FASCICULARIA** [Bryozoa].  
 — *multiramosa*. Steinmann &  
 Wilckens. 6159.
- FENESTELLA** [Bryozoa].  
 — *capitanensis*. Girty. 5622.  
 — *guadalupensis*. Girty. 5622.  
 — *hilli*. Girty. 5622.  
 — *texana*. Girty. 5622.
- FISTULIPORA** [Bryozoa].  
 — *corticea*. Hennig. 5676.  
 — *grandis* *guadalupensis*.  
 n. var. Girty. 5622.  
 — *guadalupae*. Girty. 5622.  
 — *membranacea*. Hennig. 5676.  
 — *mutabilis*. Hennig. 5676.  
 — *parva*. Hennig. 5676.
- FORDINIA** n. subgen. [Brachiopoda].  
 Walcott. 6222.
- Gaspesia** n. gen. [Brachiopoda].  
 Clarke. 5454.
- GEYERELLA** [Brachiopoda].  
 — *americana*. Girty. 5622.
- GLOSSINA** [Brachiopoda].  
 — *acer* n. sp. Clarke. 5454.
- GONIOCLADIA** [Bryozoa].  
 — *americana*. Girty. 5622.
- HAPLOOECIA** [Bryozoa].  
 — *annulata*. Filliozat. 5578.  
 — *canu*. Filliozat. 5578.
- HARTINA** [Brachiopoda].  
 — *indianensis*. Girty. 5622A.
- HEDERELLA** [Bryozoa].  
 — *blainvillii*. Clarke. 5454.
- Heterelasma** n. gen. [Brachiopoda].  
 Girty. 5622.  
 — *shumardianum*. Girty. 5622.  
 — *venustum*. Girty. 5622.
- HETEROCELLA** [Bryozoa].  
 — *lerichei*. Canu. 5413.
- HETEROPORA** [Bryozoa].  
 — *aquitana*. Canu. 5413.
- HIPPORINA** [Bryozoa].  
 — *crenatula*. Canu. 5415.  
 — *cribroricellosa*. Canu. 5415.  
 — *punctifera*. Canu. 5415.
- HIPPOTHOA** [Bryozoa].  
 — *aquitana*. Canu. 5413.
- HOMOTRYPA** [Bryozoa].  
 — *constellariiformis*. Cumings.  
 5490.
- HORNERA** [Bryozoa].  
 — *circumporosa*. Bontter.  
 5345.
- Huenella** n. gen. [Brachiopoda]. Wal-  
 cott. 6222.  
 — *etheridgei*. Walcott. 6222.  
 — *lesleyi*. Walcott. 6222.
- HUSTEDIA** [Brachiopoda].  
 — *bipartita*. Girty. 5622.  
 — *meekana trigonalis* n. var.  
 Girty. 5622.

- HYPOTHYRIS** [Brachiopoda].  
 ——— *globularis*. Kindle. 5762.
- IDMONEA** [Bryozoa].  
 ——— *non reticulata*. Beutter.  
 5345.  
 ——— *parvula*. Beutter. 5345.
- KARPINSKYA** [Brachiopoda].  
 ——— *consuelo*. Gortani. 5631.  
 ——— *consuelo* var. *geyeri* n. var.  
 Gortani. 5631.  
 ——— *consuelo* var. *taramellii* n.  
 var. Gortani. 5631.
- KONINCKINA** [Brachiopoda].  
 ——— *productiformis*. Kittl. 5766.
- Kutorginacea** n. superfam. [Brachiopoda]. Walcott & Schuchert. 6222.
- LEIOCLEMA** [Bryozoa].  
 ——— *shumardi*. Girty. 5622.
- LEIORHYNCHUS** [Brachiopoda].  
 ——— *utahensis*. Kindle. 5762.
- LEPTODUS** [Brachiopoda].  
 ——— *americanus*. Girty. 5622.  
 ——— *guadalupensis*. Girty. 5622.
- LEPTOSTROPHIA** [Brachiopoda].  
 ——— *tardiji*. Clarke. 5454.
- LINGULA** [Brachiopoda].  
 ——— *elliptica*. Clarke. 5454.  
 ——— *lincolata*. Rowley. 6052.  
 ——— *missouriensis*. Rowley. 6052.  
 ——— *ovata*. Cleland. 5457.  
 ——— *ovoides*. Knod. 5768.  
 ——— *subovata*. Knod. 5768.  
 ——— *subpunctata*. Knod. 5768.
- LINGULELLA** [Brachiopoda].  
 ——— *acuminata sequens* n. var.  
 Walcott. 6222.  
 ——— *battsi*. Walcott. 6222.  
 ——— *terana*. Walcott. 6222.
- LINNARSSONELLA** [Brachiopoda].  
 ——— *modesta*. Walcott. 6222.  
 ——— *nitens*. Walcott. 6222.  
 ——— *transversa*. Walcott. 6222.  
 ——— *urania*. Walcott. 6222.
- MARTINIA** [Brachiopoda].  
 ——— *rhomboidalis*. Girty. 5622.  
 ——— *shumardiana*. Girty. 5622.  
 ——— *triquetra* var. *pentagona* n.  
 var. Gröber. 5647.
- MEEKELLA** [Brachiopoda].  
 ——— *attenuata*. Girty. 5622.  
 ——— *difficilis*. Girty. 5622.  
 ——— *multilirata*. Girty. 5622.  
 ——— *skenoides*. Girty. 5622.
- MEGALANTERIS** [Brachiopoda].  
 ——— *thunzi*. Clarke. 5454.
- MEMBRANIPORA** [Bryozoa].  
 ——— *britannica*. Brydone. 5398.  
 ——— *falloti*. Canu. 5413.  
 ——— *griffithi*. Brydone. 5398.  
 ——— *trimminghamensis*. Brydone.  
 5398.
- MENISCOFORA** [Bryozoa].  
 ——— *acquitana*. Canu. 5413.  
 ——— *armata*. Canu. 5415.  
 ——— *dimorpha*. Canu. 5415.  
 ——— *laevigata*. Canu. 5415.  
 ——— *simehi*. Canu. 5415.  
 ——— *suberenatula*. Canu. 5415.
- MERISTELLA** [Brachiopoda].  
 ——— *champlaini*. Clarke. 5454.
- MESOTRYPA** [Bryozoa].  
 ——— *suprasulurica*. Hennig. 5676.
- Mickwitzella** n. subgen. [Brachiopoda].  
 Walcott. 6222.
- MICKWITZIA** [Brachiopoda].  
 ——— *occidens*. Walcott. 6222.  
 ——— *pretiosa*. Walcott. 6222.
- MICROMITRA** [Brachiopoda].  
 ——— *haydeni*. Walcott. 6222.  
 ——— *louise*. Walcott. 6222.  
 ——— *nyssa*. Walcott. 6222.  
 ——— *sculptilis endichi* n. var.  
 Walcott. 6222.  
 ——— *stuarti*. Walcott. 6222.  
 ——— *scapa*. Walcott. 6222.  
 ——— *williardi*. Walcott. 6222.
- MICRONELLA** [Bryozoa].  
 ——— *batheri*. Brydone. 5398.
- MONOTRYPA** [Bryozoa].  
 ——— *gotlandica*. Hennig. 5676.  
 ——— *ravitabulata*. Knod. 5768.
- Neobolinae** n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.
- NISUSIA** [Brachiopoda].  
 ——— *kanabensis*. Walcott. 6222.  
 ——— *lovi*. Walcott. 6222.  
 ——— *rara*. Walcott. 6222.
- Nisusiinae** n. subfam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.
- NOTOTHYRIS** [Brachiopoda].  
 ——— *schuchertensis*. Girty. 5622.  
 ——— *schuchertensis ovata* n. var.  
 Girty. 5622.
- Obolellidae** n. fam. [Brachiopoda].  
 Walcott & Schuchert.  
 6222.

- OBOLUS** [Brachiopoda].  
 ——— *dartoni*. Walcott. 6222.  
 ——— *ella onaquiensis* n. var.  
           Walcott. 6222.  
 ——— *elongatus*. Walcott. 6222.  
 ——— *gilberti*. Walcott. 6222.  
 ——— *membranaceous*. Walcott.  
           6222.  
 ——— *notchensis*. Walcott. 6222.  
 ——— *parvus*. Walcott. 6222.  
 ——— *perfectus*. Walcott. 6222.  
 ——— *smithi*. Walcott. 6222.  
 ——— *tetonensis leda* n. var.  
           Walcott. 6222.  
 ——— *wasatchensis*. Walcott. 6222.  
 ——— *wortheni*. Walcott. 6222.
- ORBICULOIDEA** [Brachiopoda].  
 ——— *limata*. Rowley. 6052.  
 ——— *montis*. Clarke. 5454.
- Orthacea** n. superfam. [Brachiopoda].  
           Walcott & Schuchert.  
           6222.
- ORTHIS** [Brachiopoda].  
 ——— *foro-juliensis*. Gortani.  
           5631.
- ORTHOSTROPHIA** [Brachiopoda].  
 ——— *canadensis*. Clarke. 5454.
- ORTHOTHETES** n. f. indenom. [Brachiopoda].  
 ——— *declivis*. Girty. 5622.  
 ——— *distortus*. Girty. 5622.  
 ——— *distortus campanulatus* n.  
           var. Girty. 5622.  
 ——— *guadalupensis*. Girty. 5622.  
 ——— *woolworthianus gaspensis* n.  
           mut. Clarke. 5454.
- PENTAMERUS** n. f. indenom. [Brachiopoda].  
 ——— *gortani*. Gortani. 5631.
- PHOLIDOSTROPHIA** [Brachiopoda].  
 ——— *parksii*. Rowley. 6052.
- PLATYSTROPHIA** [Brachiopoda].  
 ——— *acutilirata senex* n. var.  
           Cumings. 5490.  
 ——— *lynx moritura* n. var.  
           Cumings. 5490.
- PRASOPORA** [Bryozoa].  
 ——— *gotlandica*. Hennig. 5676.
- PRODUCTUS** [Brachiopoda].  
 ——— *guadalupensis*. Girty. 5622.  
 ——— *guadalupensis comancheanus*  
           n. var. Girty. 5622.  
 ——— *horridus* var. *awitulus* n.  
           var. Eisel. 5556.  
 ——— *horridus* var. *bifoninus* n.  
           var. Eisel. 5556.  
 ——— *horridus* var. *geranus* n. var.  
           Eisel. 5556.
- PRODUCTUS** [Brachiopoda].  
 ——— *horridus* var. *hoppeianus* n.  
           var. Eisel. 5556.  
 ——— *horridus* var. *initialis* n.  
           var. Eisel. 5556.  
 ——— *horridus* var. *laspeanus* n.  
           var. Eisel. 5556.  
 ——— *indentatus*. Girty. 5622.  
 ——— *latidorsatus*. Girty. 5622.  
 ——— *limbatus*. Girty. 5622.  
 ——— *meekanus*. Girty. 5622.  
 ——— *pinniformis*. Girty. 5622.  
 ——— *popei opimus* n. var. Girty.  
           5622.  
 ——— *semireticulatus arctica* n.  
           var. Whitfield. 6244.  
 ——— *semireticulatus capitaneus*  
           n. var. Girty. 5622.  
 ——— *signatus*. Girty. 5622.  
 ——— *subhorridus ruyatulus*.  
           Girty. 5622.  
 ——— *tezanus*. Girty. 5622.  
 ——— *ucagenianus*. Girty. 5622.  
 ——— *walcottianus*. Girty. 5622.
- PUGNAX** [Brachiopoda].  
 ——— *bidentata*. Girty. 5622.  
 ——— *bisulcata gratiosa* n. var.  
           Girty. 5622.  
 ——— *bisulcata seminuloides* n.  
           var. Girty. 5622.  
 ——— *elegans*. Girty. 5622.  
 ——— *nitida*. Girty. 5622.  
 ——— *pinquius*. Girty. 5622.  
 ——— *pusilla*. Girty. 5622.  
 ——— *shumardiana*. Girty. 5622.  
 ——— *weeksi*. Girty. 5622a.
- PTYCHOSPIRA** [Brachiopoda].  
 ——— *variegata*. Reed. 6014.
- PYRIPORA** [Bryozoa].  
 ——— *tuberosa*. Canu. 5413.
- RAFINESQUINA** [Brachiopoda].  
 ——— *alternata ponderosa* n. var.  
           Cumings. 5490.
- Redlichella** n. subgen. [Brachiopoda].  
 ——— *Walcott*. 6222.
- RENSELAERIA** [Brachiopoda].  
 ——— *montaguensis*. Reed. 6017.  
 ——— *ovoides gaspensis* n. var.  
           Clarke. 5454.
- RETEPORA** [Bryozoa].  
 ——— *orglandesi*. Canu. 5415.
- RHAGASOSTOMA** [Bryozoa].  
 ——— *parvicella*. Filliozat. 5578.
- RHAMPHOSTOMELLA** [Bryozoa].  
 ——— *bursauxi*. Canu. 5415.

- RHIDIDOMELLA [Brachiopoda].  
 ——— *lehuquetiana*. Clarke. 5454.  
 ——— *logani*. Clarke. 5454.
- RHYNCHONELLA n. f. indenom. [Brachiopoda]. Gortani. 5631.  
 ——— *canoratensis* n. f. Gortani. 5631.  
 ——— *eichwaldi*. Karakaš. 5781.  
 ——— *eupentagona* n. f. Kittl. 5766.  
 ——— *longaeva*. Girty. 5622.  
 ——— *nova*. Karakaš. 5748.  
 ——— *selliformis*. Lewinski.  
 ——— *tschernyschewi*. Karakaš. 5748.  
 ——— *unicatocostata*. Krause. 5780.
- RHYNCHOPORA [Brachiopoda].  
 ——— *ambonensis*. Boehm. 5349.
- ROSSELLIANA [Bryozoa].  
 ——— *crassa*. Filiozat. 5578.
- Rustellacea** n. superfam. [Brachiopoda]. Walcott. 6222.
- Rustellidae** n. fam. [Brachiopoda]. Walcott. 6222.
- SCAPHIOCOELIA [Brachiopoda].  
 ——— ? *africana*. Reed. 6014.  
 ——— ? *africana* var. *elizabethae* n. var. Reed. 6017.
- SCHIZOPHORIA [Brachiopoda].  
 ——— ? *amii*. Clarke. 5454.
- SCHIZOPORELLA [Bryozoa].  
 ——— *nuda*. Canu. 5415.
- Schizostoma** n. gen. [Bryozoa]. Canu. 5415.  
 ——— *aviculiferum*. Canu. 5415.  
 ——— *crassum*. Canu. 5415.  
 ——— *denticulatum*. Canu. 5415.  
 ——— *liancourti*. Canu. 5415.
- SCHUCHERTELLA [Brachiopoda].  
 ——— *extensus*. Kindle. 5762.
- Schuchertinae** n. fam. [Brachiopoda]. Walcott. 6222.
- SEMIESCHARA [Bryozoa].  
 ——— *canni*. Brydone. 5398.  
 ——— *mandesleicensis*. Brydone. 5398.  
 ——— *pergensis*. Brydone. 5398.  
 ——— *woodsii*. Brydone. 5398.
- SEMIMULTELLA [Bryozoa].  
 ——— *dixonii*. Lang. 5796.
- SEMINCLA [Brachiopoda].  
 ——— *buckleyi*. Rowley. 6052.
- Siphonotretacea** n. superfam. [Brachiopoda]. Walcott & Schuchert. 6222.
- SMITTIA [Bryozoa].  
 ——— *cylindrica*. Canu. 5415.  
 ——— *dercyesi*. Canu. 5415.  
 ——— *variabilis*. Canu. 5415.
- Smittisoma** n. gen. [Bryozoa]. Canu. 5415.  
 ——— *microporum*. Canu. 5415.
- Sparsicystis** n. gen. [Bryozoa]. Filiozat. 5578.  
 ——— *concaea*. Filiozat. 5578.
- SPATIOFORA [Bryozoa].  
 ——— *discoidea*. Hennig. 5676.  
 ——— *irregularis*. Hennig. 5676.
- SPIRIFER [Brachiopoda].  
 ——— *mexicanus compactus* n. var. Girty. 5622.  
 ——— *modestus nitidulus* n. var. Clarke. 5454.  
 ——— *occidentalis*. Kindle. 5762.  
 ——— *planoconvexus*. Knod. 5768.
- SPIRIFERINA [Brachiopoda].  
 ——— *ambonensis*. Boehm. 5349.  
 ——— *billingsi retusa* n. var. Girty. 5622.  
 ——— *erax*. Girty. 5622.  
 ——— *hilli*. Girty. 5622.  
 ——— *hilli polypleurus* n. var. Girty. 5622.  
 ——— *laza*. Girty. 5622.  
 ——— *malayana*. Boehm. 5349.  
 ——— *molukkana*. Boehm. 5349.  
 ——— *primarialis*. Kittl. 5766.  
 ——— *pyramidalis*. Girty. 5622.  
 ——— *rostrata* var. *madagascariensis* n. var. Thevenin. 6180.  
 ——— *sulcata*. Girty. 5622.  
 ——— *welleri*. Girty. 5622.
- SPIROPORA [Bryozoa].  
 ——— *idmonoides*. Beutter. 5345.
- SQUAMULARIA [Brachiopoda].  
 ——— *guadalupensis ovalis* n. var. Girty. 5622.  
 ——— *guadalupensis subquadrata* n. var. Girty. 5622.
- STENOPORA [Bryozoa].  
 ——— *granulosa*. Girty. 5622.  
 ——— *polyspinosa richardsoni* n. var. Girty. 5622.
- STREPTORHYNCHUS [Brachiopoda].  
 ——— *gregarium*. Girty. 5622.  
 ——— *perattenuatum*. Girty. 5622.  
 ——— *pygmaeum*. Girty. 5622.



- STROPHALOSIA** [Brachiopoda].  
 — *hystricula*. Girty. 5622.
- STROPHODONTA** [Brachiopoda].  
 — *crebristriata simplex* n. mut.  
 Clarke. 5454.  
 — *hunti*. Clarke. 5454.  
 — *katzeri*. Knod. 5768.  
 — *parva avita* n. mut. Clarke.  
 5454.  
 — *patersoni precedens* n. mut.  
 Clarke. 5454.  
 — *rosieri*. Clarke. 5454.
- STROPHONELLA** [Brachiopoda].  
 — *continens*. Clarke. 5454.
- SYNTROPHIA** [Brachiopoda].  
 — *cambria*. Walcott. 6222.  
 — *campbelli*. Walcott. 6222.  
 — *unxia*. Walcott. 6222.
- SYRINGOTHYRIS** [Brachiopoda].  
 — *arctica*. Whitfield. 6244.
- Taphrostoma** n. gen. [Bryozoa]. Canu.  
 5415.
- TAPHROSTOMA** [Bryozoa].  
 — *spinosum*. Canu. 5415.
- TEGULIFERA** [Brachiopoda].  
 — *armata*. Girty. 5622A.  
 — *kansasensis*. Girty. 5622A.
- TEREBRATELLA** [Brachiopoda].  
 — *minima*. Karakaš. 5748.  
 — *nataliae*. Chimenkov. 5445.
- TEREBRATULA** [Brachiopoda].  
 — *zieteni* var. *quadrata* n. var.  
 Oppenheimer. 5936.
- THAMNISCUS** [Bryozoa].  
 — *digitatus*. Girty. 5622.
- Thiemella** n. gen. [Brachiopoda].  
 Williams. 6249.  
 — *villenovia*. Williams. 5249.
- TREMATOBOLUS** [Brachiopoda].  
 — *excelesis*. Walcott. 6222.
- TUBUCELLARIA** [Bryozoa].  
 — *punctata*. Canu. 5413.
- Wimanella** n. gen. [Brachiopoda].  
 Walcott. 6222.  
 — *inyoensis*. Walcott. 6222.  
 — *shelbyensis*. Walcott. 6222.  
 — *simplex*. Walcott. 6222.
- ZEILLERIA** [Brachiopoda].  
 — *bisellata*. Karakaš. 5748.  
 — *favrei*. Karakaš. 5748.  
 — *pentagonalis*. Karakaš. 5748.

## 2231 MOLLUSCA.

- ACANTHOCERAS** [Ammonoidea].  
 — *coloradoensis*. Henderson.  
 5673.  
 — *tuberculatum*. Karakaš.  
 5748.
- ACANTHODISCUS** [Cephalopoda].  
 — *lamberti*. Sayn. 6064A.
- ACANTHOHOPLITES** [Cephalopoda].  
 — *evolutus*. Sincov. 6131.  
 — *laticostatus*. Sincov. 6131.  
 — *lorioli*. Sincov. 6131.  
 — *subangulatus*. Sincov. 6131.  
 — *subpeltocerooides*. Sincov.  
 6131.
- ACILIA** [Gastropoda].  
 — *gracilis*. Häberle. 5652.
- ACTAEON** [Gastropoda].  
 — *andinus*. Haupt. 5667.
- ACTAEONINIA** [Gastropoda].  
 — *gipsata*. Zeller. 6302.
- ACTEON** [Gastropoda].  
 — *pomilius multiannuatus* n.  
 var. Aldrich. 5284.
- Actinopteryella** n. gen. [Pelecypoda].  
 Williams. 6250.
- ACTINOPTERIA** [Pelecypoda].  
 — *fronsacia*. Clarke. 5455.  
 — *ulrichi*. Knod. 5768.
- AEGOCERAS** [Cephalopoda].  
 — *adnethicum* var. *involuta* n.  
 var. Vadász. 6205.  
 — *centaurus* var. *boruholm-*  
*iensis* n. var. Malling &  
 Grönwall. 5858.  
 — *landui*. Boehm. 5349.  
 — *simplex*. Vadász. 6205.
- AGASOMA** [Gastropoda].  
 — *santacruzana*. Arnold. 5309.  
 — *stanfordensis*. Arnold. 5309.
- AGATHICERAS** [Cephalopoda].  
 — *timovense*. Boehm. 5349.  
 — *texanum*. Girty. 5622.
- AGRIA** [Pelecypoda].  
 — *choffati*. Toucas. 6186.  
 — *gardonica*. Toucas. 6186.  
 — *grossourei*. Toucas. 6186.  
 — *praeexcavata*. Toucas. 6186.  
 — *rousseli*. Toucas. 6186.
- Akidocheilus** n. gen. [Cephalopoda].  
 Till. 6183.  
 — *ambiguus*. Till. 6183.  
 — *chomeracensis*. Till. 6183.  
 — *irregularis*. Till. 6183.  
 — *levigatus*. Till. 6183.

- Akidocheilus** *provincialis*. Till. 6183.  
 ——— *regularis*. Till. 6183.  
 ——— *tauricus*. Till. 6183.  
 ——— *transicus*. Till. 6183.
- ALARIA** [Gastropoda].  
 ——— *gothica*. Krause. 5780.
- ALLORISMA** [Pelecypoda].  
 ——— *stachei*. Airaghi. 5280.  
 ——— *torquisti*. Airaghi. 5280.
- AMNIGENIA** [Pelecypoda].  
 ——— *boliviensis*. Knod. 5768.
- AMUSSIOPECTEN** [Pelecypoda].  
 ——— *flabellum*. Ugolini. 6200.  
 ——— *vinassai*. Ugolini. 6200.
- AMUSSIUM** [Pelecypoda].  
 ——— *scröbiculatum*. Schepman. 6068.
- ANATINA** [Pelecypoda].  
 ——— *doddsi*. Henderson. 5673.
- ANISCARDIA** [Pelecypoda].  
 ——— *alta*. Krause. 5780.  
 ——— *elator*. Krause. 5780.  
 ——— *exporrecta*. Krause. 5780.  
 ——— *grandis*. Krause. 5780.
- ANODONTA** [Pelecypoda].  
 ——— *cornelliana*. Maury. 5873.  
 ——— *nordenskjöldi*. Steinmann & Wilckens. 6159.
- ANOMIA** [Pelecypoda].  
 ——— *densestriata*. Krause. 5780.  
 ——— *discus*. Krause. 5780.  
 ——— *inflata*. Krause. 5780.
- ANOPLOPHORIA** [Pelecypoda].  
 ——— *montis fluvii*. Zeller. 6302.
- ANTHONYA** [Pelecypoda].  
 ——— *cantiana*. Wood. 6273.  
 ——— *lineata*. Kitchen. 5765.
- APORRHAIAS** [Gastropoda].  
 ——— *campichei*. Karakaš. 5748.  
 ——— *koeneni*. Grönwall & Harder. 5649.  
 ——— *mangouchensis*. Karakaš. 5748.  
 ——— *tshukurtschensis*. Karakaš. 5748.
- APTUCHUS** [Cephalopoda].  
 ——— *crassissimus*. Haupt. 5667.
- ARCA** [Pelecypoda].  
 ——— *diluvii* var. *depressa* n. var. Cerulli-Irelli. 5437.  
 ——— *lignitifera*. Aldrich. 5284.  
 ——— *pectunculoides* var. *fasciata* n. var. Cerulli-Irelli. 5437.  
 ——— *tenuicrenata*. Cossmann. 5486.
- ARCESTES** [Cephalopoda].  
 ——— *petrosensis*. n. f. Kittl. 5766.  
 ——— *subdimidiatus*. n. f. Kittl. 5766.  
 ——— *trilabiatus* n. f. Kittl. 5766.  
 ——— *trilabiatus* var. *crassus* n. var. Kittl. 5766.  
 ——— *trilabiatus* var. *discooides* n. var. Kittl. 5766.
- ARCHINACELLA** [Gastropoda].  
 ——— *prendergasti*. Reed. 6015.
- ARCHITECTONICA** [Gastropoda].  
 ——— *lorenzoensis*. Arnold. 5309.
- ARCICARDIUM** [Pelecypoda].  
 ——— *kubanicum*. Andrusov. 5294.  
 ——— *planacardo*. Andrusov. 5294.  
 ——— *pseudacardo*. Andrusov. 5294.  
 ——— *subacardo*. Andrusov. 5294.
- ARIETITES** [Cephalopoda].  
 ——— *altesuleatus* var. *involuta* n. var. Vadász. 6205.  
 ——— *carenatus* var. *antiqua* n. var. Vadász. 6205.  
 ——— *obtusus* var. *vulgaris* n. var. Vadász. 6205.  
 ——— *pseudospiralis*. Vadász. 6025.  
 ——— *varicostatooides*. Vadász. 6205.  
 ——— *spiratissimus* var. *simpler* n. var. Vadász. 6205.  
 ——— *subrejetus*. Vadász. 6205.  
 ——— *ultraspiratum* var. *costosa* n. var. Vadász. 6205.
- ARPADITES** [Cephalopoda].  
 ——— *redlichi* n. f. Kittl. 5766.
- ASPIDOCERAS** [Cephalopoda].  
 ——— *indo rossicum*. Borisšak. 5355.  
 ——— *nikitini*. Borisšak. 5355.  
 ——— *steinmanni*. Haupt. 5667.
- ASTARTE** [Pelecypoda].  
 ——— *cantabrigiensis*. Woods. 6273.  
 ——— *claxbiensis*. Woods. 6273.  
 ——— *guthriensis*. Newton. 5922.  
 ——— *lalenti*. Cossmann. 5489.  
 ——— *omalioides*. Woods. 6273.  
 ——— *sericivori*. Newton. 5922.  
 ——— *senecta*. Woods. 6273.  
 ——— *upwarensis*. Woods. 6273.
- ASTARTELLA** [Pelecypoda].  
 ——— *nasuta*. Girty. 5622.
- ASTIERIA** [Cephalopoda].  
 ——— *cadoceroides*. Karakaš. 5748.

- ASTIERIA [Cephalopoda].  
 ——— *elegans*. Karakaš. 5748.  
 ——— *pavlovi*. Karakaš. 5748.  
 ——— *sharpei*. Karakaš. 5748.  
 ——— *taurica*. Karakaš. 5748.
- ATAPHRUS [Gastropoda].  
 ——— *graniformis*. Cossmann. 5487.
- ATTRACTITES [Cephalopoda].  
 ——— *palliformis* n. f. Kittl. 5766.
- AUCELLA [Pelecypoda].  
 ——— *lindstroemi*. Sokolov. 6136.  
 ——— *tshernyshevi*. Sokolov. 6136.  
 ——— *volongensis*. Sokolov. 6136.  
 ——— *zyrianica*. Sokolov. 6136.
- AVICULA [Pelecypoda].  
 ——— *alata*. Karakaš. 5748.  
 ——— *remniformis*. Krause. 5780.  
 ——— *tenuis*. Krause. 5780.
- AVICULIPECTEN [Pelecypoda].  
 ——— *delawarensis*. Girty. 5622.  
 ——— *guadalupensis*. Girty. 5622.  
 ——— *infelix*. Girty. 5622.  
 ——— *laqueatus*. Girty. 5622.  
 ——— *sublaqueatus*. Girty. 5622.
- AVICULOPECTEN [Pelecypoda].  
 ——— *distefanoi*. Mariani. 5861.  
 ——— *incrassatus*. Clarke. 5454.  
 ——— *jumeaui*. Clarke. 5454.
- AXIMUS [Pelecypoda].  
 ——— *regularis*. Grönwall & Harder. 5649.
- BELEMNITES [Cephalopoda].  
 ——— *patagoniensis*. Favre. 5574.
- BELLEROPHON [Gastropoda].  
 ——— *altemontanus*. n. nom. Spitz. 6139.  
 ——— *angustomphalus*. Spitz. 6139.  
 ——— *crypticus*. Reed. 6015.  
 ——— *exquisitus*. Spitz. 6139.  
 ——— *fraternus*. Reed. 6017.  
 ——— *gaspensis*. Clarke. 5454.  
 ——— *globosus*. Knod. 5768.  
 ——— *heros* n. nom. Spitz. 6139.  
 ——— *iners*. Spitz. 6139.  
 ——— (s.g.?) *multirugatus*. Reed. 6015.  
 ——— *secundus*. Reed. 6015.
- BERRIASSELLA [Cephalopoda].  
 ——— *patagoniensis*. Favre. 5574.
- BOCHIANITES [Cephalopoda].  
 ——— *glaber*. Kitchin. 5765.
- BROCHIDIUM [Gastropoda].  
 ——— *salomoni*. Häberle. 5652.
- BUCANIA [Gastropoda].  
 ——— *dorsoplana*. Knod. 5768.
- BUCANIELLA [Gastropoda].  
 ——— *dercinsi*. Knod. 5768.  
 ——— *laticarinata*. Knod. 5768.  
 ——— *rectangularis*. Knod. 5768.
- BUCHIOLA [Pelecypoda].  
 ——— *subpalmata*. Reed. 6014.
- BULIMORPHA [Gastropoda].  
 ——— *chrysalis delawarensis* n. var. Girty. 5622.
- CALLIOMPHALUS [Gastropoda].  
 ——— *pellati*. Cossmann. 5487.
- CAMPTONECTES [Pelecypoda].  
 ——— ? *asperatus*. Girty. 5622.  
 ——— ? *papillatus*. Girty. 5622.  
 ——— ? *sculptilis*. Girty. 5622.
- CANCELLARIA [Gastropoda].  
 ——— *menadensis*. Schepman. 6068.  
 ——— *sotoensis*. Aldrich. 5284.
- CAPULUS [Gastropoda].  
 ——— *argentinus*. Haupt. 5667.  
 ——— *h. philippi*. Häberle. 5652.  
 ——— *spangleri*. Henderson. 5673.
- CARBONICOLA [Pelecypoda].  
 ——— *carbonaria* f. *trapezoides* n. f. Schmidt. 6071.  
 ——— *palatina*. Schmidt. 6071.  
 ——— *saravana*. Schmidt. 6071.
- CARDIOCERAS [Cephalopoda].  
 ——— *horassicum*. Krause. 5780.  
 ——— *lorioli*. Oppenheimer. 5936.  
 ——— *tenuistriatum*. Borisjak. 5355.
- CARDITA [Pelecypoda].  
 ——— *benhami*. Thomson. 6182.  
 ——— *capduri*. Cossmann. 5487.  
 ——— *elegantoides* var. *fuegina* n. var. Steinmann & Wilckens. 6159.  
 ——— *intermedia* var. *globulosa* n. var. Cerulli-Irelli. 5437.  
 ——— *reginae*. Oppenheim. 5934.  
 ——— *upcarensis*. Woods. 6273.
- CARDIUM [Pelecypoda].  
 ——— *brouzetense*. Cossmann. 5487.  
 ——— *cooperi lorenzanum* n. var. Arnold. 5309.  
 ——— *microphlyctis*. Cossmann. 5487.  
 ——— *vaquerosensis*. Arnold. 5309.
- CENTROCERAS [Cephalopoda].  
 ——— *altissillatum*. Wedekind. 6235.  
 ——— *angustilobatum*. Wedekind. 6235.  
 ——— *eakebergense*. Wedekind. 6235.

- CERITHINELLA** [Gastropoda].  
 ——— *mediarensis*. Campana (Del). 5409.
- CERITHIUM** [Gastropoda].  
 ——— *arapovicense*. Oppenheim. 5934.  
 ——— *basiplanum*. Oppenheim. 5934.  
 ——— *cimbricum*. Grönwall & Harder. 5649.  
 ——— *cingulatum*. Grönwall & Harder. 5649.  
 ——— *claviforme*. Schepman. 6068.  
 ——— *deprati*. Oppenheim. 5934.  
 ——— *jublani*. Oppenheim. 5934.  
 ——— *koperbergi*. Schepman. 6068.  
 ——— *lethe*. Oppenheim. 5934.  
 ——— *manfredi*. Oppenheim. 5934.  
 ——— *rudloffi*. Oppenheim. 5934.  
 ——— *satrapes*. Oppenheim. 5934.  
 ——— *zigzag*. Grönwall & Harder. 5649.
- CEROMYA** [Pelecypoda].  
 ——— *malagascariensis*. Thevenin. 6180.
- CHENOPUS** [Gastropoda].  
 ——— *tuberosus*. Cossmann. 5487.
- CHILOCYCLUS** [Gastropoda].  
 ——— *acutissimus*. Häberle. 5652.
- CHLAMIS** [Pelecypoda].  
 ——— *flexuosa* var. *trifulcata* n. var. Cerulli-Irelli. 5437.
- CHLAMYS** [Pelecypoda].  
 ——— *celebensis*. Schepman. 6068.  
 ——— *grossourvi*. Cossmann. 5486.  
 ——— *janiroides*. Cossmann. 5486.
- CHLOROSTOMA** [Gastropoda].  
 ——— *stantoni lahondaensis* n. var. Arnold. 5309.
- CHORUS** [Gastropoda].  
 ——— *nordenskjöldi*. Steinmann & Wilckens. 6159.
- CHRYSODOMUS** [Gastropoda].  
 ——— *stantoni*. Arnold. 5309.
- CIRRUS** [Gastropoda].  
 ——— *dolomiticus*. Campana (Del). 5409.  
 ——— *seccoii*. Campana (Del). 5409.  
 ——— *triadicus*. Campana (Del). 5409.
- CLADISCHES** [Cephalopoda].  
 ——— *primitivus* n. f. Kittl. 5766.
- Clathrolima** n. gen. [Pelecypoda]. Cossmann. 5489.  
 ——— *talmenti*. Cossmann. 5489.
- CLAUSILIA** [Gastropoda].  
 ——— *leobersdorfensis*. Troll. 6194.  
 ——— *randeckiana*. Kranz. 5779.
- CLAVA** [Gastropoda].  
 ——— *ickei*. Schepman. 6068.
- CLEIDOPHORUS** [Pelecypoda].  
 ——— *pallasi delawarensis* n. var. Girty. 5622.
- CLIONITES** [Cephalopoda].  
 ——— *dobrogensis* n. nom. Kittl. 5766.  
 ——— *evolutus* n. f. Kittl. 5766.  
 ——— *promontis* n. f. Kittl. 5766.
- CLISOSPIRA** [Gastropoda].  
 ——— *bassleri*. Raymond. 6012.
- CLYMENIA** [Cephalopoda].  
 ——— *angelini*. Wedekind. 6235.  
 ——— *buchi*. Wedekind. 6235.  
 ——— *costata*. Wedekind. 6235.  
 ——— *crassicosta*. Wedekind. 6235.  
 ——— *cycloptera*. Wedekind. 6235.  
 ——— *discoidalis*. Wedekind. 6235.  
 ——— *enkebergensis*. Wedekind. 6235.  
 ——— *frechi*. Wedekind. 6235.  
 ——— *gümbeli*. Wedekind. 6235.  
 ——— *hexagona*. Wedekind. 6235.  
 ——— *involuta*. Wedekind. 6235.  
 ——— *lotzi*. Wedekind. 6235.  
 ——— *phillipsi*. Wedekind. 6235.  
 ——— *pompeckii*. Wedekind. 6235.  
 ——— *protacta*. Wedekind. 6235.  
 ——— *pulcherrima*. Wedekind. 6235.  
 ——— *roemeri*. Wedekind. 6235.  
 ——— *sandbergeri*. Wedekind. 6235.  
 ——— *steinmanni*. Wedekind. 6235.
- COLLONIA** [Gastropoda].  
 ——— *praeursor*. Cossmann. 5486.
- COLUBRELLA** [Gastropoda].  
 ——— *hettneri*. Häberle. 5652.  
 ——— *kokeni*. Häberle. 5652.  
 ——— *riezzenae*. Häberle. 5652.
- COLUMBELLA** [Gastropoda].  
 ——— *arnoldi* n. nom. Dall. 5499.
- COMINELLA** [Gastropoda].  
 ——— *obesa* var. *furyana* n. var. Steinmann & Wilckens. 6159.
- Conorhytis** n. gen. [Gastropoda]. Cossmann. 5486.
- CONULARIA** [Gastropoda].  
 ——— *desiderata tuzoi* n. var. Clarke. 5454.

- CONULARIA** [Gastropoda].  
 ——— *holmii*. Wiman. 6260.  
 ——— *penouli*. Clarke. 5454.  
 ——— *rhodiensis*. Wiman. 6260.
- CONUS** [Gastropoda].  
 ——— *fennemai*. Schepman. 6068.
- CORBIS** [Pelecypoda].  
 ——— *axinaeiformis*. Cossmann. 5487.  
 ——— *capduri*. Cossmann. 5487.  
 ——— *crassirugata*. Cossmann. 5489.
- CORBULA** [Pelecypoda].  
 ——— *clarkeana*. Aldrich. 5284.
- Cornellites** n. gen. [Pelecypoda].  
 Williams. 6250.
- COSMOCERAS** [Cephalopoda].  
 ——— *michalskii*. Borisiak. 5355.
- COSTIDISCUS** [Cephalopoda].  
 ——— *nodosocostatus*. Karakaš. 5748.
- CRASPEDOMA** [Gastropoda].  
 ——— *handmanni*. Troll. 6194.
- CRASSATELLITES** [Pelecypoda].  
 ——— *divisensis*. Woods. 6273.
- CRIOCERAS** [Cephalopoda].  
 ——— *deckei*. Favre. 5574.  
 ——— *intercostatum*. Hasebrink. 5665.  
 ——— *recticostatum*. Karakaš. 5748.  
 ——— *sarasini*. Favre. 5574.  
 ——— *sexangulatum*. Karakaš. 5748.  
 ——— *transcaspius*. Sincov. 6131.
- CTENODONTA** [Pelecypoda].  
 ——— *globata*. Knod. 5678.  
 ——— *musculosa*. Knod. 5678.  
 ——— *radiata*. Knod. 5678.
- CUCULLAEA** [Pelecypoda].  
 ——— *serivenori*. Newton. 5922.
- CUNEARIA** [Gastropoda].  
 ——— *unica*. Spitz. 6139.
- CYCLOHEMA** [Gastropoda].  
 ——— *immersum*. Spitz. 6139.  
 ——— *persimile* n. nom. Spitz. 6139.
- Cyclopellatia** n. gen. [Pelecypoda].  
 Cossmann. 5487.  
 ——— *aerodonta*. Cossmann. 5487.
- CYMATOCHITON** [Gastropoda].  
 ——— *texanus*. Girty. 5622.
- CYPRAEA** [Gastropoda].  
 ——— *martini*. Schepman. 6068.
- CYPRICARDINIA** [Pelecypoda].  
 ——— *contracta*. Girty. 5622.
- CYPRINA** [Pelecypoda].  
 ——— *bronzotensis*. Cossmann. 5487.  
 ——— *eichwaldi*. Karakaš. 5748.
- CYPTOCERAS** [Cephalopoda].  
 ——— *albani*. Clarke. 5454.  
 ——— *gracilis*. Cleland. 5457.  
 ——— *münsteri*. Wedekind. 6235.  
 ——— *tubulare*. Wedekind. 6235.
- CYTHEREA** [Pelecypoda].  
 ——— *astartoides*. Thevenin. 6180.
- DANUBITES** [Cephalopoda].  
 ——— *celitoides* n. f. Kittl. 5766.
- DAONELLA** [Pelecypoda].  
 ——— *anastasinii* n. f. Kittl. 5766.  
 ——— *haghighiolsensis* n. f. Kittl. 5766.
- DARAEITES** [Cephalopoda].  
 ——— *elegans*. Černov. 5433.
- DENTALIUM** [Gastropoda].  
 ——— *acutum*. Richardson. 6038.  
 ——— *gracile*. Grönwall & Harder. 5619.  
 ——— *hexagonale*. Richardson. 6038.  
 ——— *oblongum*. Richardson. 6038.  
 ——— *parvulum* (J. Buckman MS.). Richardson. 6038.  
 ——— *subovatum*. Richardson. 6038.  
 ——— *subquadratum*. Richardson. 6038.  
 ——— *subtrigonale*. Richardson. 6038.  
 ——— *terquemi* (Tate MS.). Richardson. 6038.
- DESMOCERAS** [Cephalopoda].  
 ——— *balmensis*. Jacob. 5726.  
 ——— *liassalense*. Karakaš. 5748.  
 ——— *convergens*. Jacob. 5726.  
 ——— *crassidorsatum*. Karakaš. 5748.  
 ——— *ponticum*. Karakaš. 5748.  
 ——— *ribouli*. Jacob. 5726.  
 ——— *subdifficile*. Karakaš. 5748.  
 ——— *tauricum*. Karakaš. 5748.  
 ——— *walleranti*. Jacob. 5726.
- DIAPHOROSTOMA** [Gastropoda].  
 ——— *perceuse*. Clarke. 5454.
- DIATINOSTOMA** (?) [Gastropoda].  
 ——— *pellati*. Cossmann. 5487.
- DICTYOCONITES** [Cephalopoda].  
 ——— *kongazensis* n. f. Kittl. 5766.
- DIMERICERAS** [Cephalopoda].  
 ——— *beckei*. Wedekind. 6235.  
 ——— *bredelarensis*. Wedekind. 6235.

## DIMERO CERAS [Cephalopoda].

- *burgense*. Wedekind. 6235.  
 — *gümbeli*. Wedekind. 6235.  
 — *padbergense*. Wedekind. 6235.

## DOBROGEITES n. gen. [Cephalopoda].

- *tirolitifformis* n. f. Kittl. 5766.

## DRILLIA [Gastropoda].

- *celebensis*. Schepman. 6068.  
 — *koperbergi*. Schepman. 6068.  
 — *minahassae*. Schepman. 6068.

## DUVALIA [Cephalopoda].

- *crinica*. Karakaš. 5748.

## EDENTULA [Pelecypoda].

- *caselli*. Wittenburg. 6263.

## EDMONDIA [Pelecypoda].

- *arcuata*. Cleland. 5457.  
 — *bellula*. Girty. 5622.  
 — *elymeniae* n. f. Gortani. 5631.

## ENCYCLOSCALA [Gastropoda].

- *rombergi*. Häberle. 5652.

## EOTOMARIA [Gastropoda].

- *cartieri*. Clarke. 5454.  
 — *robertsi*. Reed. 6015.  
 — *trotula*. Clarke. 5454.

## EPITONIUM [Gastropoda].

- *atwoodi*. Dall. 5500.

## EUCONOSPIRA [Gastropoda].

- *obsoleta*. Girty. 5622.

## EUOMPHALOPTERUS [Gastropoda].

- *bicarinatus*. Spitz. 6139.

## EUOMPHALUS [Gastropoda].

- *ater*. Spitz. 6139.  
 — *kokeni*. Spitz. 6139.  
 — *litutes*. Spitz. 6139.  
 — *monticola*. Spitz. 6139.  
 — *pironai*. Gortani. 5631.  
 — *solutus*. Spitz. 6139.  
 — *sulcifer*. Girty. 5622.  
 — *sulcifer angulatus* n. var. Girty. 5622.

## EUPHEMUS [Gastropoda].

- *quebecensis*. Clarke. 5454.

## EXOGYRA [Pelecypoda].

- *serrata*. Krause. 5780.

## FASCIOLARIA [Gastropoda].

- *ramondi*. Maury. 5783.

## FISSURELLA [Gastropoda].

- *perrini*. Arnold. 5309.

## FOLLMANNELLA n. gen. [Pelecypoda].

Williams. 6250.

## FOORDOCERAS [Cephalopoda].

- *shumardianum*. Girty. 5622.  
 — *shumardianum praecursor* n. var. Girty. 5622.

## FUSUS [Gastropoda].

- *cimbusus*. Grönwall & Harder. 5649.  
 — *hecoxi*. Arnold. 5309.  
 — *portolaensis*. Arnold. 5309.  
 — *sanctaerucis*. Arnold. 5309.  
 — *stanfordensis*. Arnold. 5309.

## GASTRIOCERAS [Cephalopoda].

- *serratum*. Girty. 5622.

## GEPHYROCERAS [Cephalopoda].

- *superstes*. Wedekind. 6235.

## GERVILLIA [Pelecypoda].

- *elipsoidalis*. Airaghi. 5280.  
 — *hanitschi*. Newton. 5922.  
 — *substriata* var. *tenuicostata* n. var. Zeller. 6302.

## GIBBULA [Gastropoda].

- *lehmann-nitschei*. Steinmann & Wilckens. 6159.

## GLYCYMERIS [Pelecypoda].

- *branneri*. Arnold. 5309.

## GONATOCHEILUS n. gen. [Cephalopoda].

- Till. 6183.  
 — *brunneri*. Till. 6183.  
 — *expansus*. Till. 6183.  
 — *oxfordiensis*. Till. 6183.  
 — *planus*. Till. 6183.

## GONIOMYA [Pelecypoda].

- *scrivenori*. Newton. 5922.  
 — *singaporensis*. Newton. 5922.

## GOSSELETINA [Gastropoda].

- *richthofeni*. Häberle. 5652.

## GRAMMYSIA [Pelecypoda].

- *montana*. Reed. 6017.  
 — *oviformis*. Knod. 5768.

## GYMNITES [Cephalopoda].

- *agamemnonis*. Frech. 5587.

## GYROCERAS (?) [Cephalopoda].

- *halli*. Wedekind. 6235.

## HADROCHEILUS n. gen. [Cephalopoda].

- Till. 6183.  
 — *convexus*. Till. 6183.  
 — *costatus*. Till. 6183.  
 — *depressus*. Till. 6183.  
 — *erxscatus*. Till. 6183.  
 — *gibber*. Till. 6183.  
 — *gibberiformis*. Till. 6183.  
 — *gibberoides*. Till. 6183.  
 — *hamatus*. Till. 6183.  
 — *hercynicus*. Till. 6183.

- Hadrocheilus** *kiliani*. Till. 6183.  
 ——— *latus*. Till. 6183.  
 ——— *longohasta*. Till. 6183.  
 ——— *oblongus*. Till. 6183.  
 ——— *oosteri*. Till. 6183.  
 ——— *proceriformis*. Till. 6183.  
 ——— *procerus*. Till. 6183.  
 ——— *quinquecarinatoides* n. nom.  
 Till. 6183.  
 ——— *quinquecarinatus* n. nom.  
 Till. 6183.  
 ——— *robustus*. Till. 6183.  
 ——— *rugosus*. Till. 6183.  
 ——— *schlosseri*. Till. 6183.  
 ——— *squammatius*. Till. 6183.  
 ——— *theodosiae*. Till. 6183.  
 ——— *valanginiensis*. Till. 6183.

- HAMULINA** [Cephalopoda].  
 ——— *acuticostata*. Karakaš. 5748.  
 ——— *crassicostata*. Karakaš. 5748.  
 ——— *taurica*. Karakaš. 5748.  
 ——— *uhlgi*. Karakaš. 5748.

- HARPOCERAS** [Cephalopoda].  
 ——— *gautieri*. Thevenin. 6180.  
 ——— *indytum* var. *madagascariensis* n. var. Thevenin.  
 6180.  
 ——— *jolyi*. Thevenin. 6180.  
 ——— *landui*. Boehm. 5349.  
 ——— *madagascariense*. Thevenin.  
 6180.  
 ——— *pseudo-gruneri*. Thevenin.  
 6180.

- HATCHERICERAS** [Cephalopoda].  
 ——— *stantoniense*. Favre. 5574.

- HELICOTOMA** [Gastropoda].  
 ——— *whiteavesiana*. Raymond.  
 6012.

- HELIIX** [Gastropoda].  
 ——— *fructicum* var. *perdepressa*  
 n. var. Germain. 5613.  
 ——— *leobersdorfensis*. Troll. 6194.  
 ——— *mödlingensis*. Schlosser.  
 6069.  
 ——— *richarzi*. Schlosser. 6069.  
 ——— *roubconensis*. Caziot &  
 Maury. 5432.  
 ——— *subphacodes*. Kranz. 5779.  
 ——— *tineensis*. Caziot & Maury.  
 5432.  
 ——— *toulai*. Schlosser. 6069.  
 ——— *vaceki*. Schlosser. 6069.

- Hemichenopus** n. gen. [Gastropoda].  
 Steinmann & Wilckens.  
 6159.

- HEMICYCLA** [Gastropoda].  
 ——— *puchet* var. *collarifera* n.  
 var. Boettger. 5351.  
 ——— *puchet* var. *eurythyra* n. var.  
 Boettger. 5351.

- HERCYNELLA** [Gastropoda].  
 ——— *bohémica* var. *plana* n. var.  
 Spitz. 6139.  
 ——— *carnica*. Spitz. 6139.

- HETEROCERAS** [Cephalopoda].  
 ——— *haugi*. Karakaš. 5748.

- HIPPONYX** [Gastropoda].  
 ——— *carpenteri*. Arnold. 5309.

- HOLOCODISCUS** [Cephalopoda].  
 ——— *hoplitoides*. Karakaš. 5748.  
 ——— *nodosus*. Karakaš. 5748.  
 ——— *rarecostatus*. Karakaš. 5748.  
 ——— *seitumeri*. Karakaš. 5748.  
 ——— *uhlgi*. Karakaš. 5748.

- HOLCOSTEPHANUS** [Cephalopoda].  
 ——— *hobler hillensis* Favre. 5574.  
 ——— *modderensis*. Kitchin. 5765.  
 ——— *rogersi*. Kitchin. 5765.  
 ——— *uitenhagensis*. Kitchin. 5765.  
 ——— *wilmanae*. Kitchin. 5765.

- HOLOPEA** [Gastropoda].  
 ——— *gaspesia*. Clarke. 5454.  
 ——— (?) *raymondia*. Cleland. 5457.  
 ——— (?) *voluta*. Cleland. 5457.  
 ——— *wakehami*. Clarke. 5454.

- HOLOPELLA** [Gastropoda].  
 ——— ? *dilatata*. Spitz. 6139.  
 ——— ? *incerta*. Spitz. 6139.

- HOPLITES** [Cephalopoda].  
 ——— *baylei*. Jacob. 5726.  
 ——— *desmocerooides*. Karakaš.  
 5748.  
 ——— *hitzeli*. Jacob. 5726.  
 ——— *koeneni*. Karakaš. 5748.  
 ——— *lemoinei*. Jacob. 5726.  
 ——— *parenti*. Jacob. 5726.  
 ——— *pristiophorus*. Krause. 5780.  
 ——— *reucurelensis*. Jacob. 5726.  
 ——— *revili*. Jacob. 5726.  
 ——— *romani*. Jacob. 5726.  
 ——— *surasini*. Jacob. 5726.  
 ——— *schrammeni*. Jacob. 5726.  
 ——— *steinmanni*. Jacob. 5726.

- HUNGARITES** [Cephalopoda].  
 ——— *danubii* n. f. Kittl. 5766.

- HYALINA** [Gastropoda].  
 ——— *reussi*. Schlosser. 6069.

- HYDROBIA** [Gastropoda].  
 ——— *wenzi*. Boettger. 5352.

- HYOLITHUS [Gastropoda].  
 ——— *orys.* Clarke. 5451.  
 ——— *richardi.* Clarke. 5454.
- INOCERAMUS [Pelecypoda].  
 ——— *dimidius labioides* n. var.  
 Shimer & Blodgett. 6115.
- IVANNITES [Cephalopoda].  
 ——— *diffissus* var. *argolica* n. var.  
 Frech. 5587  
 ——— *joannis austriacae* var. *compressa* n. var. Frech.  
 5587.
- JANEIA [Pelecypoda].  
 ——— *fallax.* Knod. 5768.
- JAPONITES [Cephalopoda].  
 ——— *argirus.* Frech & Rentz.  
 5592.
- JOANNITES [Cephalopoda].  
 ——— *alimanestivovi* n. f. Kittl.  
 5766.  
 ——— *lozohelix.* Frech & Rentz.  
 5592.  
 ——— *stefaneseui* n. f. Kittl.  
 5766.
- JOVITES [Cephalopoda].  
 ——— *eurinus* n. f. Kittl. 5766.
- KELLIA [Pelecypoda].  
 ——— *interstriata.* Aldrich. 5284.
- KIONOCERAS [Cephalopoda].  
 ——— *champlaini.* Clarke. 5454.  
 ——— *rhysum.* Clarke. 5454.
- KOKENELLA [Gastropoda].  
 ——— *glaberior* n. f. Kittl. 5766.
- LEDA [Pelecypoda].  
 ——— *cahillensis.* Arnold. 5309.
- LEOPOLDIA [Cephalopoda].  
 ——— *aenigmatica.* Sayn. 6064A.  
 ——— *baumbergeri.* Favre. 5474.  
 ——— *belgramensis.* Favre. 5574.  
 ——— *depereti.* Sayn. 6064A.  
 ——— *eyrollensis.* Sayn. 6064A.  
 ——— *hauthali.* Favre. 5574.  
 ——— *paymensis.* Favre. 5574.  
 ——— *provincialis.* Sayn. 6064A.  
 ——— *subaenigmatica.* Sayn. 6064A.
- LEPTOCHELLUS [Cephalopoda].  
 ——— *excavatus.* Till. 6183.  
 ——— *geyeri.* Till. 6183.  
 ——— *tenuiformis.* Till. 6183.  
 ——— *tenuis.* Till. 6183.
- LEPTODOMUS ? [Pelecypoda].  
 ——— *fontinalis.* Reed. 6017.
- LEPTON [Pelecypoda].  
 ——— *vaughani.* Aldrich. 5284.
- LEUCOCHROA [Gastropoda].  
 ——— *emmerichi.* Boettger. 5352.
- LIMA [Pelecypoda].  
 ——— *alaeformis.* Krause. 5780.  
 ——— *clathrata.* Krause. 5780.  
 ——— *colcanapi.* Thevenin. 6180.  
 ——— *delanuyi.* Cossmann. 5486.  
 ——— *panyymna.* Cossmann. 5486.  
 ——— *paronai.* Mariani. 5861.  
 ——— *praedispersa.* Krause. 5780.  
 ——— *salmoiraghii.* Mariani. 5861.  
 ——— *telleri.* Mariani. 5861.  
 ——— *testis.* Grönwall & Harder.  
 5649.  
 ——— *vignulensis.* Cossmann.  
 5487.
- LIMATULA [Pelecypoda].  
 ——— *rauracica.* Cossmann. 5489.
- LIMATULINA [Pelecypoda].  
 ——— *striaticostata.* Girty. 5622.
- LIMEA [Pelecypoda].  
 ——— *nucleus.* Cossmann. 5489.
- LIMNAEA [Gastropoda].  
 ——— *remota.* Kitchin. 5765.
- LIMOPSIS [Pelecypoda].  
 ——— *minima.* Grönwall &  
 Harder. 5649.
- LIMOPTERA [Pelecypoda].  
 ——— *rosieri.* Clarke. 5454.
- LIROFUSUS [Gastropoda].  
 ——— *ashleyi.* Arnold. 5309.
- LITHODOMUS [Pelecypoda].  
 ——— *iris.* Cossmann. 5489.
- LOPHOSPIRA [Gastropoda].  
 ——— *bellicarinata.* Donald. 5526.  
 ——— *bicincta* var. *scotica* n. var.  
 Donald. 5526.  
 ——— *excavata.* Donald. 5526.  
 ——— *ferruginea.* Donald. 5526.  
 ——— *instabilis.* Donald. 5526.  
 ——— *rectistriata.* Raymond. 6012.  
 ——— *sedgwickii.* Donald. 5526.  
 ——— *seelyi.* Raymond. 6012.  
 ——— *subglobosa.* Donald. 5526.  
 ——— *trispiralis.* Donald. 5526.
- LOXONEMA [Gastropoda].  
 ——— *gregaria.* Knod. 5768.  
 ——— ? *inconspicuum.* Girty. 5622.  
 ——— *katosiroides.* Häberle. 5652.  
 ——— *magnificum.* Spitz. 6139.  
 ——— *marinellii.* Gortani. 5631.  
 ——— *rectangulare.* Spitz. 6139.  
 ——— *urbanisi.* Gortani. 5631.
- LUCINA [Pelecypoda].  
 ——— *mississippiensis.* Haupt. 5667.



- LUCINA** [Pelecypoda].  
 ——— *paronai*. Campana (Del). 5409.  
 ——— *scaphoidea*. Krause. 5780.
- LUNULICARDIUM** [Pelecypoda].  
 ——— *convexum*. Clarke. 5454.
- LYMNAEA** [Gastropoda].  
 ——— *florissantica*. Cockerell. 5470.
- LYTOCERAS** n. sp. ind. [Cephalopoda].  
 ——— *Vadász*. 6205.  
 ——— *eichwaldi*. Karakaš. 5748.  
 ——— *evolutum*. Vadász. 6206.  
 ——— *kiliani*. Jacob. 5726.  
 ——— *renculerensis*. Jacob. 5726.  
 ——— *subsequens*. Karakaš. 5748.  
 ——— *vogdti*. Karakaš. 5748.
- MACROCHEILINA** [Gastropoda].  
 ——— ? *modesta*. Girty. 5622.  
 ——— *frechi* n. nom. Spitz. 6139.  
 ——— *subtilis* n. nom. Spitz. 6139.
- MACRODON** [Pelecypoda].  
 ——— *holimanni*. Knod. 5768.  
 ——— *taramelli*. Gortani. 5631.
- MACROSCAPHITES** [Cephalopoda].  
 ——— *eichwaldi*. Karakaš. 5748.
- MACTRA** [Pelecypoda].  
 ——— ? *dubia*. Kitchin. 5765.  
 ——— *montereyana*. Arnold. 5309.  
 ——— *stantoni*. Arnold. 5309.
- MALLETIA** [Pelecypoda].  
 ——— *chehalisensis*. Arnold. 5309.
- MATHILDIA** [Gastropoda].  
 ——— *fenestrata*. Grönwall & Harder. 5649.
- MEDLICOTTIA** [Cephalopoda].  
 ——— *magnotuberculata*. Černov. 5433.
- MEGAMBONIA** [Pelecypoda].  
 ——— *denysia*. Clarke. 5454.
- MEGAPHYLLITES** [Cephalopoda].  
 ——— *angustus* n. f. Kittl. 5766.  
 ——— *umbonatus* n. f. Kittl. 5766.
- MELANATRIA** [Gastropoda].  
 ——— *bosniaca*. Oppenheim. 5934.  
 ——— *flumineiformis*. Troll. 6194.
- MELANIA** [Gastropoda].  
 ——— *parlowi*. Grönwall & Harder. 5649.
- MERETRIX** [Pelecypoda].  
 ——— *uitenhagensis*. Kitchin. 5765.
- METOPTOMA** [Gastropoda].  
 ——— *capense*. Reed. 6017.
- MICROSCHIZA** [Gastropoda].  
 ——— *pellati*. Cossmann. 5487.
- MITROMORPHA** [Gastropoda].  
 ——— *eocenensis*. Aldrich. 5283.
- MODIELLA** [Pelecypoda].  
 ——— *modiola*. Clarke. 5454.
- MODIOLA** [Pelecypoda].  
 ——— *martini*. Schepman. 6068.
- MODIOMORPHA** [Pelecypoda].  
 ——— *baini* n. var. Reed. 6017.
- MONIA** [Pelecypoda].  
 ——— *aculeata* var. *alternestriolata* n. var. Cerulli-Irelli. 5437.  
 ——— *de angelisi*. Cerulli-Irelli. 5437.  
 ——— *exsulcata*. Cerulli-Irelli. 5437.  
 ——— *ornatissima*. Cerulli-Irelli. 5437.
- MONOPHYLLITES** [Cephalopoda].  
 ——— *gymnitiiformis* n. f. Kittl. 5766.  
 ——— *transversus* n. f. Kittl. 5766.
- MONOPLEURA** [Pelecypoda].  
 ——— *biassalica*. Karakaš. 5748.
- MURCHISONIA** [Gastropoda].  
 ——— *alterittata*. Spitz. 6139.  
 ——— *concava*. Spitz. 6139.  
 ——— *convexa*. Spitz. 6139.  
 ——— *davyi* var. *alpina* n. var. Spitz. 6139.  
 ——— *fornicata*. Spitz. 6139.  
 ——— *kajseri*. Spitz. 6139.  
 ——— *rotundata* n. nom. Spitz. 6139.  
 ——— *semiornata*. Spitz. 6139.
- MYOCONCHA** [Pelecypoda].  
 ——— *costulata*. Girty. 5622.  
 ——— *costulata delawarensis* n. var. Girty. 5622.  
 ——— *jespersenii*. Malling & Grönwall. 5858.  
 ——— *stampensis*. Malling & Grönwall. 5858.
- Myopholas** n. gen. [Pelecypoda]. Douvillé. 5535.  
 ——— *lidouxi*. Douvillé. 5535.  
 ——— *percostata*. Douvillé. 5535.
- MYOPHORIA** [Pelecypoda].  
 ——— *subtrigonata*. Airaghi. 5280.  
 ——— *tommassii*. Mariani. 5861.  
 ——— *transversa* var. *acuticostata* n. var. Zeller. 6302.  
 ——— *transversa* var. *dolomitica* n. var. Zeller. 6302.

- MYOPHORIA** [Pelecypoda].  
 ——— *transversa* var. *finalis* n.  
           var. Zeller. 6302.  
 ——— *transversa* var. *subkeuperina*  
           n. var. Zeller. 6302.
- MYSIDIOPTERA** [Pelecypoda].  
 ——— *gronensis*. Wittenburg.  
           6264.  
 ——— *saccoi*. Mariani. 5861.  
 ——— *vix-costata* var. *lorenneuse* n.  
           var. Mariani. 5861.
- MYTILUS** [Pelecypoda].  
 ——— *pellati*. Cossmann. 5487.  
 ——— *uitenhagensis*. Kitchin. 5765.
- NASSA** [Gastropoda].  
 ——— *celebensis*. Schepman. 6068.  
 ——— *fuegina*. Steinmann &  
           Wilckens. 6159.  
 ——— *gatticensis*. Martinelli. 5866.  
 ——— *multiplicata*. Schepman.  
           6068.  
 ——— *nordenskjöldi*. Steinmann &  
           Wilckens. 6159.
- NATICA** [Gastropoda].  
 ——— *celebensis*. Schepman. 6068.  
 ——— *comitalis*. Oppenheim. 5934.  
 ——— *hospitalis*. Oppenheim. 5934.  
 ——— *mirifica*. Kitchin. 5765.  
 ——— *pieteti*. Karakaš. 5748.  
 ——— *praetoriana*. Oppenheim.  
           5934.  
 ——— *rogersi*. Kitchin. 5765.  
 ——— *uitenhagensis*. Kitchin. 5765.
- NATICELLA** [Gastropoda].  
 ——— *blaschkei*. Häberle. 5652.  
 ——— *j. böhmii*. Häberle. 5652.
- NATICOPSIS** [Gastropoda].  
 ——— *gracilis*. Spitz. 6139.  
 ——— *minima*. Spitz. 6139.
- NAUTILUS** [Cephalopoda].  
 ——— *campichei*. Karakaš. 5748.  
 ——— *crassiconcha*. Vogl. 6217.  
 ——— *culmensis*. Andree. 5291.  
 ——— *eichwaldi*. Karakaš. 5748.  
 ——— *karpinskiyi*. Karakaš. 5748.  
 ——— *minus* n. f. Kittl. 5766.  
 ——— *pieteti*. Karakaš. 5748.  
 ——— *steveni*. Karakaš. 5748.
- NEOCOMITES** [Cephalopoda].  
 ——— *americanus*. Favre. 5574.  
 ——— *beaumontensis*. Sayn. 6064A.  
 ——— *bedoti*. Sayn. 6064A.  
 ——— *biformis*. Sayn. 6064A.  
 ——— *eucyrtus*. Sayn. 6064A.  
 ——— *longi*. Sayn. 6064A.  
 ——— *neocomiensis* var. *subtenuis*  
           n. var. Sayn. 6064A.
- NEOCOMITES** [Cephalopoda].  
 ——— *ovalis*. Favre. 5574.  
 ——— *patagoniensis*. Favre. 5574.  
 ——— *platycostatus*. Sayn. 6064A.  
 ——— *steinmanni*. Favre. 5574.  
 ——— *wilckensi*. Favre. 5574.
- NEOLOBITES** [Cephalopoda].  
 ——— *brancai*. Staff & Eck. 6142.  
 ——— *peroni* var. *pervinqveri* n.  
           var. Staff & Eck. 6142.  
 ——— *schweinfurthi*. Staff & Eck.  
           6142.
- NERINEA** [Gastropoda].  
 ——— *micromorpha*. Cossmann.  
           5487.
- NERITA** [Gastropoda].  
 ——— *capduri*. Cossmann. 5487.
- NERITODOMUS** [Gastropoda].  
 ——— *dolichostoma*. Cossmann.  
           5487.
- NERITOPSIS** [Gastropoda].  
 ——— *bassanensis*. Campana (Del).  
           5499.  
 ——— *rothpletzi*. Karakaš. 5748.  
 ——— *spiralierenata*. Cossmann.  
           5487.
- NEUMAYRIA** [Cephalopoda].  
 ——— *pseudoolithica*. Haupt. 5667.
- NUCULA** [Pelecypoda].  
 ——— *dalli*. Arnold. 5309.  
 ——— *indica*. Wittenburg. 6266.  
 ——— *nigella*. Reed. 6017.  
 ——— *uitenhagensis*. Kitchin. 5765.
- NUCULANA** [Pelecypoda].  
 ——— *agrestis*. Reed. 6017.  
 ——— *aviator*. Reed. 6017.
- NUCULITES** [Pelecypoda].  
 ——— *branneri* var. *obtusus* n. var.  
           Reed. 6017.  
 ——— *pacatus*. Reed. 6017.  
 ——— *sharppei*. Reed. 6017.
- OBELISCUS** [Gastropoda].  
 ——— *menadensis*. Schepman.  
           6068.
- ODONTOSTOMA** [Gastropoda].  
 ——— *undiferum* var. *laevior* n.  
           var. Grönwall & Harder.  
           5649.  
 ——— *orientalis*. Donald. 5526.
- OMPHALOPTYCHA** [Gastropoda].  
 ——— *emiliae*. Häberle. 5652.  
 ——— *platystoma*. Häberle. 5652.
- OMPHALOTROCHUS** [Gastropoda].  
 ——— *conoideus*. Girty. 5622A.  
 ——— *ferrieri*. Girty. 5622A.

- OPIS** [Pelecypoda].  
 — *haldonensis*. Woods. 6273.  
 — *parvocarinata*. Thevenin. 6180.  
 — *pulla*. Krause. 5780.
- OPPELIA** [Cephalopoda].  
 — *gracilis*. Oppenheimer. 5936.  
 — *patagoniensis*. Favre. 5574.
- ORTHO CERAS** [Cephalopoda].  
 — *conicum*. Wedekind. 6235.  
 — *enkebergense*. Wedekind. 6235.  
 — *guadalupense*. Girty. 5622.  
 — *inerescens* n. f. Kittl. 5766.  
 — *magnum*. Wedekind. 6235.  
 — *minimum*. Rowley. 6052.  
 — *polyphemi*. Wedekind. 6235.
- ORTHONYCHIA** [Gastropoda].  
 — *nuda*. Spitz. 6139.  
 — *obliquestriata*. Spitz. 6139.  
 — *obliquesulcata*. Spitz. 6139.  
 — *obliquesulcata* var. *scabiosa* n. var. Spitz. 6139.  
 — *planidorsata*. Spitz. 6139.
- ORTHOTHECA** [Gastropoda].  
 — *steinmanni*. Kuod. 5768.
- OSTREA** [Pelecypoda].  
 — *katzeri*. Oppenheim. 5934.  
 — *leopolitana*. Niedźwiedzki. 5924.
- PALAEANODONTA** [Pelecypoda].  
 — *sphenoides*. Schmidt. 6071.
- PALAEOSCURRIA** ? [Gastropoda].  
 — *capuliformis*. Spitz. 6139.
- PALAEOTRITON** [Gastropoda].  
 — *j. waltheri*. Häberle. 5652.
- PALUDESTINA** [Gastropoda].  
 — *limnaeiiformis*. Cziot. 5429.
- PANOPEA** [Pelecypoda].  
 — *truncata*. Karakaš. 5748.
- PARACELTITES** [Cephalopoda].  
 — *elegans*. Girty. 5622.
- PARAHOPLITES** [Cephalopoda].  
 — *maximus*. Sincov. 6131.  
 — *multicostratus*. Sincov. 6131.  
 — *sub-campischei*. Sincov. 6131.
- PARALLELON** [Pelecypoda].  
 — *gardonense*. Cossmann. 5487.  
 — *multistriatus*. Girty. 5622.  
 — *politus*. Girty. 5622.
- PARAPRONORITES** [Cephalopoda].  
 — *biformis*. Černov. 5433.  
 — *permicus*. Černov. 5433.
- PARAPRONORITES** [Cephalopoda].  
 — *skvorzovi*. Černov. 5433.  
 — *tenuisevrratus*. Černov. 5433.  
 — *armensis*. Černov. 5433.
- PARKINSONIA** [Cephalopoda].  
 — *doneziana*. Borisjak. 5355.
- PATELLA** [Gastropoda].  
 — *capitanensis*. Girty. 5622.  
 — *mateoensis*. Arnold. 5309.
- Pecten** [Pelecypoda].  
 — *ambongoensis*. Thevenin. 6180.  
 — *ambrosionii*. Mariani. 5861.  
 — *concentrico-squamosus*. Chimenkov. 5445.  
 — *duronicus*. Wittenburg. 6264.  
 — *eurasiaticus*. Wittenburg. 6263.  
 — *gothicus*. Krause. 5780.  
 — *khobensis*. Karakaš. 5748.  
 — *kokeni*. Wittenburg. 6266.  
 — *liernensis*. Mariani. 5861.  
 — *longawris*. Wittenburg. 6265.  
 — *microtis*. Wittenburg. 6265.  
 — *parolinii*. Campana (Del). 5408.  
 — *portai*. Mariani. 5861.  
 — *repossii*. Mariani. 5861.  
 — *rombergi*. Wittenburg. 6264.  
 — *scutariensis*. Vetter. 6212.  
 — *sericeus*. Grünwall & Harder. 5649.  
 — *soialis*. Wittenburg. 6264.  
 — *subtilis*. Wittenburg. 6265.  
 — *tiroleicus*. Wittenburg. 6263, 6264, 6265.  
 — *vajolettensis*. Wittenburg. 6264.  
 — *valdecostatus*. Mariani. 5861.  
 — *völseckhofensis*. Wittenburg. 6263.
- PELTOCERAS** [Cephalopoda].  
 — *uhlgi*. Oppenheimer. 5936.
- PERIPLOMA** [Pelecypoda].  
 — *sanctaerucis*. Arnold. 5309.
- PERISPINCTES** [Cephalopoda].  
 — *abeli*. Oppenheimer. 5936.  
 — *argentinus*. Haupt. 5667.  
 — *brunensis*. Oppenheimer. 5936.  
 — *burni*. Boehm. 5349.  
 — *correlatus*. Oppenheimer. 5936.  
 — *divergens*. Oppenheimer. 5936.  
 — *guehardi*. Oppenheimer. 5936.

## PERISPINCTES [Cephalopoda].

- *latvinnensis*. Oppenheimer. 5936.  
 ——— *latumbonatus*. Oppenheimer. 5936.  
 ——— *latus*. Oppenheimer. 5936.  
 ——— *orthoplocus*. Boden. 5347.  
 ——— *pila*. Oppenheimer. 5936.  
 ——— *procedens*. Oppenheimer. 5936.  
 ——— *siemiradzki*. Lewinski.  
 ——— *siemiradzki*. Oppenheimer. 5936.  
 ——— *timorensis*. Boehm. 5349.  
 ——— *vanae*. Oppenheimer. 5936.  
 ——— *varians*. Oppenheimer. 5936.  
 ——— *veronensis*. Boden. 5347.

**Peritrochia** n. gen. [Cephalopoda].

- *crebas*. Girty. 5622.

## PERNA [Pelecypoda].

- *allardi*. Cossmann. 5487.  
 ——— *bosniaca*. Oppenheim. 5934.

## PERNIPECTEN [Pelecypoda].

- *obliquus*. Girty. 5622.  
 ——— *marbuti*. Rowley. 6052.

## PHAEODESMIA [Pelecypoda].

- *cuneiformis*. Krause. 5780.

## PHANEROPTYXIS [Gastropoda].

- *pellati*. Cossmann. 5487.

## PHOLADOMYA [Pelecypoda].

- *baltica*. Krause. 5780.

## PHYLLOCERAS [Cephalopoda].

- *hungaricum*. Vadász. 6205.  
 ——— *infraflavicum*. Vadász. 6205.  
 ——— *lipoldi* var. *primitiva* n. var. Vadász. 6205.  
 ——— *milaschewitshi*. Karakaš. 5748.  
 ——— *prendeli*. Karakaš. 5748.  
 ——— *princi*. Vadász. 6205.  
 ——— *rogersi*. Kitchin. 5765.  
 ——— *sablensis*. Karakaš. 5748.  
 ——— *stuckenbergi*. Karakaš. 5748.  
 ——— *szádeczkyi*. Vadász. 6205.

## PINNA [Pelecypoda].

- *patagoniensis*. Favre. 5574.

## PLACENTOCERAS [Cephalopoda].

- *simonyi*. Cossmann. 5778.

## PLACINOPSIS [Pelecypoda].

- *patelliformis*. Krause. 5780.

## PLAGIOSTOMA [Pelecypoda].

- *deltoides*. Girty. 5622.

## PLANORBIS [Gastropoda].

- *eurystomata*. Lörenthey. 5836.

## PLANORBIS [Gastropoda].

- *eurystomata* var. *exehontohelix* n. var. Lörenthey. 5836.  
 ——— *spissus*. Cossmann. 5486.

## PLATYCERAS [Gastropoda].

- *anomalum*. Rowley. 6052.  
 ——— *belli*. Clarke. 5454.  
 ——— *bistrami*. Knod. 5768.  
 ——— *gaspense*. Clarke. 5454.  
 ——— *guesnini*. Clarke. 5454.  
 ——— *holzappeli* n. nom. Spitz. 6139.  
 ——— *laeicostatum*. Knod. 5768.  
 ——— *lebouillieri*. Clarke. 5454.  
 ——— *lejunii*. Clarke. 5454.  
 ——— *oehlerti*. Spitz. 6139.  
 ——— *paxillifer*. Clarke. 5454.  
 ——— *pulcherrimum*. Rowley. 6052.  
 ——— *punctillum*. Gortani. 5631.

## PLEUROPHORS [Pelecypoda].

- *delavarensis*. Girty. 5622.

## PLEUROTOMA [Gastropoda].

- *newsomi*. Arnold. 5309.  
 ——— *perissolaroides*. Arnold. 5309.  
 ——— *sanctae crucis*. Arnold. 5309.

## PLEUROTOMARIA [Gastropoda].

- *arcuaria*. Girty. 5622.  
 ——— *arcuaria monolifera* n. var. Girty. 5622.  
 ——— *carinifera*. Girty. 5622.  
 ——— *coluber* var. *alpina* n. var. Spitz. 6139.  
 ——— *delavarensis*. Girty. 5622.  
 ——— *discoidea*. Girty. 5622.  
 ——— *eichwaldi*. Karakaš. 5748.  
 ——— *elderi*. Girty. 5622.  
 ——— *euglyphea*. Girty. 5622.  
 ——— *euomphaloides*. Spitz. 6139.  
 ——— *frechi*. Spitz. 6139.  
 ——— *italica*. Spitz. 6139.  
 ——— *labrosa* var. *alpina* n. var. Spitz. 6139.  
 ——— *mica*. Girty. 5622.  
 ——— *multilincata*. Girty. 5622.  
 ——— *neglecta*. Girty. 5622.  
 ——— *planulata*. Girty. 5622.  
 ——— *puilla*. Girty. 5622.  
 ——— *quadrata*. Spitz. 6139.  
 ——— *richardsoni*. Girty. 5622.  
 ——— *sablensis*. Karakaš. 5748.  
 ——— *strigillata*. Girty. 5622.  
 ——— *submarginata leclereqi* n. var. Clarke. 5454.  
 ——— *taramellii*. Spitz. 6139.  
 ——— *taurica*. Karakaš. 5748.  
 ——— *texana*. Girty. 5622.  
 ——— *trichiiformis*. Spitz. 6139.

- PLICATULA** [Pelecypoda].  
 ——— *taurica*. Karakaš. 5748.
- POLYTROPIS** [Gastropoda].  
 ——— *barvoisi*. Spitz. 6139.
- POSIDIONELLA** [Pelecypoda].  
 ——— *pseudogibbosa*. Airaghi. 5280.
- POSIDONIA** [Pelecypoda].  
 ——— *primosica*. Gortani. 5631.
- POSIDONOMYA** [Pelecypoda].  
 ——— *incerta*. Airaghi. 5280.
- POTERICERAS** [Cephalopoda].  
 ——— *angustum*. Wedekind. 6235.  
 ——— *campylum*. Wedekind. 6235.  
 ——— *compactum*. Wedekind. 6235.  
 ——— *latum*. Wedekind. 6235.
- PRAERADIOLITES** [Pelecypoda].  
 ——— *cadereensis*. Toucas. 6186.  
 ——— *praeoquandi*. Toucas. 6186.  
 ——— *praerequieri*. Toucas. 6186.  
 ——— *praesnuatus*. Toucas. 6186.  
 ——— *riberacensis*. Toucas. 6186.  
 ——— *sarladensis*. Toucas. 6186.  
 ——— *suboquandi*. Toucas. 6186.  
 ——— *subpaulettei*. Toucas. 6186.  
 ——— *subtoncosi*. Toucas. 6186.
- PROCLAEUM** [Gastropoda].  
 ——— *canadense*. Clarke. 5454.
- PROCLADISCITES** [Cephalopoda].  
 ——— *pascui* n. f. Kittl. 5766.
- PROLOBITES** [Cephalopoda].  
 ——— *delphinus* var. *elliptica* n. var. Wedekind. 6235.  
 ——— *mirus*. Wedekind. 6235.
- PROSPONDYLUS** [Pelecypoda].  
 ——— *taramellii*. Mariani. 5861.
- PROTRACHYCERAS** [Cephalopoda].  
 ——— *rudolphi* var. *euxina* n. var. Kittl. 5766.  
 ——— *sirenitoides* n. f. Kittl. 5766.
- Protrete** n. gen. [Pelecypoda]. Girty. 5622.  
 ——— *tezana*. Girty. 5622.
- PROTCARDIUM** [Pelecypoda].  
 ——— *borussicum*. Krause. 5780.  
 ——— *intermedium*. Krause. 5780.
- PROTORCULA** [Gastropoda].  
 ——— *kittli*. Haberle. 5652.
- PSEUDOMELANIA** [Gastropoda].  
 ——— *allardi*. Cossmann. 5487.  
 ——— *capduri*. Cossmann. 5487.
- PSEUDOMONOTIS** [Pelecypoda].  
 ——— *aneri*. Wittenburg. 6263.  
 ——— *dieneri*. Wittenburg. 6266.
- PSEUDOMONOTIS** [Pelecypoda].  
 ——— *kokeni*. Wittenburg. 6263.  
 ——— *leptopleura*. Wittenburg. 6263.  
 ——— *punjabiensis*. Wittenburg. 6266.  
 ——— *ratzensis*. Wittenburg. 6264.  
 ——— *saxorum*. Wittenburg. 6266.  
 ——— *spiniocosta*. Wittenburg. 6263.  
 ——— *waageni*. Wittenburg. 6266.
- PSEUDOMURCHISONIA** [Gastropoda].  
 ——— *kokeni*. Wittenburg. 6265.  
 ——— *schmidti*. Wittenburg. 6263.
- PSEUDONERINEA** [Gastropoda].  
 ——— *gardonensis* n. sp. Cossmann. 5487.
- PSILO CERAS** [Cephalopoda].  
 ——— *baltzeri*. Epstein. 5565.
- PTERIA** [Pelecypoda].  
 ——— *guadalupensis*. Girty. 5622.  
 ——— *richardsoni*. Girty. 5622.  
 ——— *squamifera*. Girty. 5622.
- PTERINEA** [Pelecypoda].  
 ——— *caruica*. Gortani. 5631.
- PTYCHOCERAS** [Cephalopoda].  
 ——— *inostranzewi*. Karakaš. 5748.
- PULCHELLIA** [Cephalopoda].  
 ——— *nicklesi*. Karakaš. 5784.
- PUPA** [Gastropoda].  
 ——— *oviformis*. Schlosser. 6069.
- PUPILLA** [Gastropoda].  
 ——— *eumeces* mut. *maxima* n. mut. Boettger. 5352.
- PYRAZISINUS** [Gastropoda].  
 ——— *harrisi*. Maury. 5873.
- PYRGULA** [Gastropoda].  
 ——— *formosa*. Troll. 6194.
- QUENSTEDTICERAS** [Cephalopoda].  
 ——— *nalivkini*. Borisjak. 5355.
- RADULA** [Pelecypoda].  
 ——— *hians* var. *transiens* n. var. Cerulli-Irelli. 5437.
- RHACOPHYLLITES** [Cephalopoda].  
 ——— *gigas* var. *intermedia* n. var. Vadász. 6205.
- Romanites** n. gen. [Cephalopoda]. Kittl. 5766.  
 ——— *primus* n. f. Kittl. 5766.  
 ——— *simionescui* n. f. Kittl. 5766.
- ROTHPLETZELLA** [Gastropoda].  
 ——— *barremica*. Cossmann. 5487.

- SANGUINOLITES [Pelecypoda].  
 ——— (?) *acer*. Reed. 6014.  
 ——— *niger*. Reed. 6104.
- SCALARIA [Gastropoda].  
 ——— *eichwaldi*. Karakaš. 5748.  
 ——— *mörchi*. Grönwall & Harder. 5649.
- SEMELE [Pelecypoda].  
 ——— *gayi*. Arnold. 5309.
- SIGARETUS [Gastropoda].  
 ——— *erectooides*. Aldrich. 5284.
- SILESITES [Cephalopoda].  
 ——— *concretus*. Karakaš. 5748.  
 ——— *escragnollensis*. Jacob. 5726.  
 ——— *lamberti*. Jacob. 5726.  
 ——— *sulcistriatus*. Karakaš. 5748.  
 ——— *superstes*. Jacob. 5726.  
 ——— *tenuis*. Karakaš. 5748.
- SIPHONALIA [Gastropoda].  
 ——— *iheringi*. Steinmann & Wilckens. 6159.
- SIRENITES [Cephalopoda].  
 ——— *aesculapii*. Frech. 5587.
- SOLARIUM [Gastropoda].  
 ——— *pompeckji*. Karakaš. 5748.
- SOLES [Pelecypoda].  
 ——— *radiatus*. Krause. 5780.
- SOLENOMYA [Pelecypoda].  
 ——— *neocomiensis*. Haupt. 5667.
- SOLENOPSIS [Pelecypoda].  
 ——— *bokkereldensis*. Reed. 6017.
- SONNERATIA [Cephalopoda].  
 ——— *grandis*. Sincov. 6131.  
 ——— *media*. Sincov. 6131.  
 ——— *rossica*. Sincov. 6131.  
 ——— *subquadrata*. Sincov. 6131.  
 ——— *tenuis*. Sincov. 6131.
- SPHAERA [Pelecypoda].  
 ——— *globula*. Karakaš. 5748.
- SPONDYLUS [Pelecypoda].  
 ——— *manzoni*. Nelli. 5920.
- SPORADOCERAS [Cephalopoda].  
 ——— *angustisellatum*. Wedekind. 6235.  
 ——— *clarkii*. Wedekind. 6235.  
 ——— *discoilale*. Wedekind. 6235.  
 ——— *inflatum*. Wedekind. 6235.  
 ——— *rotundum*. Wedekind. 6235.  
 ——— *sedgwicki*. Wedekind. 6235.  
 ——— *variatum*. Wedekind. 6235.
- STREBLOPTERIA [Pelecypoda].  
 ——— *subrotunda*. Airaghi. 5280.
- STRLESIDERA [Gastropoda].  
 ——— *californica*. Arnold. 5309.
- STROPHOSTYLUS [Gastropoda].  
 ——— *decipiens*. Spitz. 6139.  
 ——— *perneri*. Spitz. 6139.
- Struthiolarella** n. subgen. [Gastropoda]. Steinmann & Wilckens. 6159.
- SYRINGOCERAS [Cephalopoda].  
 ——— *renzi*. Frech. 5587.
- TANCREDIA [Pelecypoda].  
 ——— *schwarzi*. Kitchin. 5765.
- TAPES [Pelecypoda].  
 ——— *aureus* var. *ecmiensis* n. var. Nordmann. 5928.
- TEREDO [Pelecypoda].  
 ——— *rugardensis*. Grönwall & Harder. 5649.
- TELLIMYA [Pelecypoda].  
 ——— *antiqua*. Grönwall & Harder. 5649.
- TELLINA [Pelecypoda].  
 ——— *loenzoensis*. Arnold. 5309.
- THAIS [Gastropoda].  
 ——— *tracopsana*. Arnold. 5309.
- THERIRONIA [Pelecypoda].  
 ——— *oblonga*. Kitchin. 5765.
- THRACIA [Pelecypoda].  
 ——— *declivis*. Krause. 5780.
- THURMANIA [Cephalopoda].  
 ——— *quymardi*. Sayn. 6064a.  
 ——— *ischnotera*. Sayn. 6064a.  
 ——— *ischnotera* var. *verticoriensis* n. var. Sayn. 6064a.  
 ——— *lucensis*. Sayn. 6064a.  
 ——— *pertransiens*. Sayn. 6064a.  
 ——— *pontetiana*. Sayn. 6064a.  
 ——— *ronbaudi* var. *retrocostata* n. var. Sayn. 6064a.  
 ——— *salentina*. Sayn. 6064a.  
 ——— *superba*. Sayn. 6064a.
- Tolmaia** n. gen. [Pelecypoda]. Williams. 6250.
- TORNOCERAS [Cephalopoda].  
 ——— *bilobatum*. Wedekind. 6235.  
 ——— *dorsatum*. Wedekind. 6235.  
 ——— *escoti* var. *carnicum* n. var. Gortani. 5631.  
 ——— *kochi*. Wedekind. 6235.  
 ——— *veissi*. Wedekind. 6235.
- TOXOCERAS [Cephalopoda].  
 ——— *dalmowi*. Karakaš. 5748.  
 ——— *sinzovi*. Karakaš. 5748.
- TRAPEZIUM [Pelecypoda].  
 ——— *lycei* nom. mut. Cossmann. 5486.  
 ——— ? *tatei*. Kitchin. 5765.

- TREMANOTUS** [Gastropoda].  
 ——— *fortis* var. *alpina* n. var. Spitz. 6139.  
 ——— *parvus*. Spitz. 6139.
- TRIGONIA** [Pelecypoda].  
 ——— *holubi*. Kitchin. 5765.  
 ——— *kraussi*. Kitchin. 5765.  
 ——— *rogersi*. Kitchin. 5765.  
 ——— *stowi*. Kitchin. 5765.
- Trigya** n. gen. [Gastropoda]. Raymond. 6012.  
 ——— *ulrichi*. Raymond. 6012.
- TRITONIUM** [Gastropoda].  
 ——— *newsomi*. Arnold. 5309.
- TRITONOFUSUS** [Gastropoda].  
 ——— *kelseyi*. Dall. 5499.
- TROCHONEMA** [Gastropoda].  
 ——— *lescarbotti*. Clarke. 5454.
- Trochonerita** n. subgen. [Gastropoda].  
 Cossmann. 5487.
- TROCHUS** [Gastropoda].  
 ——— *balticus*. Krause. 5780.  
 ——— *biassalensis*. Karakaš. 5748.  
 ——— *borussiens*. Krause. 5780.  
 ——— *conspicuus*. Spitz. 6139.  
 ——— *delaunayi*. Cossmann. 5486.  
 ——— *meridionalis*. Karakaš. 5748.  
 ——— *scupini*. Spitz. 6139.  
 ——— *stachei*. Spitz. 6139.  
 ——— *vilis*. Spitz. 6139.
- TRYELIDIUM** [Gastropoda].  
 ——— *patulum*. Cleland. 5457.
- TUBINA** [Gastropoda].  
 ——— *geyeri*. Spitz. 6139.
- TURBO** [Gastropoda].  
 ——— *fennemai*. Schepman. 6068.  
 ——— *gronensis*. Wittenburg. 6264.  
 ——— *heptagoniatus*. Cossmann. 5487.  
 ——— *johnstrupi*. Grönwall & Harder. 5649.  
 ——— *lemkei*. Wittenburg. 6263.  
 ——— *marshalli*. Thomson. 6182.  
 ——— *minutulus*. Kitchin. 5765.  
 ——— *rogersi*. Kitchin. 5765.
- TURBONILLA** [Gastropoda].  
 ——— *fuegina*. Steinmann & Wilckens. 6159.  
 ——— *harderi*. Grönwall & Harder. 5649.
- TURRICULA** [Gastropoda].  
 ——— *santaacruzana*. Arnold. 5309.
- TURRICULA** [Gastropoda].  
 ——— *martini*. Schepman. 6068.  
 ——— *minahassae*. Schepman. 6068.
- TURRITELLA** [Gastropoda].  
 ——— *magna*. Karakaš. 5748.  
 ——— *medioconca*. Oppenheim. 5934.  
 ——— *pescaderoensis*. Arnold. 5309.  
 ——— *whitei stantoni* n. var. Shimer & Blodgett. 6115.
- TURRITOMA** [Gastropoda].  
 ——— ? *tenuifilosa*. Donald. 5526.
- TYLOSTOMA** [Gastropoda].  
 ——— *taurica*. Karakaš. 5748.
- UMBONIUM** [Gastropoda].  
 ——— *bütschlii*. Häberle. 5652.
- UNIO** [Pelecypoda].  
 ——— *eretacollis*. Maury. 5873.  
 ——— *kinkelini*. Haas. 5651.  
 ——— *neustruerei*. Andrusov. 5295.  
 ——— *sulovskyi*. Andrusov. 5295.  
 ——— *trigoniaformis*. Maury. 5873.  
 ——— *trinilensis*. Dubois. 5547.  
 ——— *uitenhagensis*. Kitchin. 5765.
- VALVATA** [Gastropoda].  
 ——— *delannayi*. Cossmann. 5486.
- VANIKOROPSIS** [Gastropoda].  
 ——— *ezerta*. Cossmann. 5487.
- VENERICARDIA** [Pelecypoda].  
 ——— *montereyana*. Arnold. 5309.
- VERTICORDIA** [Pelecypoda].  
 ——— *granuloides*. Aldrich. 5284.
- VOLUTODERMA** [Gastropoda].  
 ——— *clatworthyi*. Henderson. 5673.
- WAAGENOCERAS** [Cephalopoda].  
 ——— *cummingsi guadalupense* n. var. Girty. 5622.
- WARTHIA** [Gastropoda].  
 ——— *americana*. Girty. 5622.
- Wingeastonia** n. nom. [Gastropoda].  
 Schepman. 6068.
- WITCHELLIA** [Cephalopoda].  
 ——— *isjumica*. Borisjak. 5355.  
 ——— *kamenka*. Borisjak. 5355.  
 ——— *rossica*. Borisjak. 5355.
- WORTHENIA** [Gastropoda].  
 ——— *latemarensis*. Häberle. 5652.  
 ——— *viezzenae*. Häberle. 5652.
- YOLDIA** [Pelecypoda].  
 ——— *submontereyensis*. Arnold. 5309.
- Zonidiscus** n. gen. [Gastropoda]. Spitz. 6139.  
 ——— *carnicus*. Spitz. 6139.

- ZYGOPLEURA [Gastropoda].  
 ——— (?) *benoisti*. Cossmann. 5486.
- 2431 ARTHROPODA.
- AGENIA [Fossoria].  
 ——— *sarigena*. Cockerell. 5464.
- ANABRUS [Locustidae].  
 ——— *caudelli*. Cockerell. 5471.
- ARCHAEMEGAPTILUS [Palaeodictyoptera].  
 ——— *kiefferi*. Meunier. 5892.
- ARCHAEOPTILUS [Palaeodictyoptera].  
 ——— *boulei*. Meunier. 5891.
- ARCHMYLACRIS [Orthoptera].  
 ——— *desaillyi*. Leriche. 5816.
- ASILUS [Diptera].  
 ——— *klebsi*. Meunier. 5894.
- Blattinopsiella** n. gen. [Orthoptera].  
 Meunier. 5888.  
 ——— *pygmaea*. Meunier. 5888.
- BRACHYSTOMA [Diptera].  
 ——— *gracilis*. Meunier. 5890.
- CECIDOMYIA ? [Cecidomyiidae].  
 ——— *pontaniiformis*. Cockerell.  
 5471.
- CARABITES [Incertae Sedis].  
 ——— *kincaidi*. Cockerell. 5464.
- Cockerellia** n. gen. [Palaeodictyoptera].  
 Meunier. 5891.  
 ——— *peromapteroides*. Meunier.  
 5891.
- CORYMBITES [Elateridae].  
 ——— *granulicollis*. Wickham.  
 6245.  
 ——— *primitivus*. Wickham. 6245.
- CUTHYNEURIELLA [Diptera].  
 ——— *longirostris*. Meunier. 5890.
- CYCLOSCELIS [Megasecopteridae].  
 ——— *elegantissima*. Meunier.  
 5893.
- CYPHOSOMA [Scolytidae].  
 ——— *askenasyi*. Heyd. 5564.
- DACTYLOMYLACRIS [Orthoptera].  
 ——— *jacobsi*. Meunier. 5889.
- DIAPHANOPTERA [Neuroptera].  
 ——— *superba*. Meunier. 5892.
- DICRANOMYIA [Tipulidae].  
 ——— *rhodolitha*. Cockerell. 5464.
- DINEURA [Tenthredinidae].  
 ——— *cockerelli*. Rohwer. 6043.  
 ——— *fuscipennis*. Rohwer. 6044.  
 ——— *laminarum*. Brues. 5396.
- Drapetiella** n. gen. [Diptera]. Meunier.  
 5890.  
 ——— *definitum*. Meunier. 5890.  
 ——— *brevis*. Meunier. 5890.  
 ——— *decolorata*. Meunier. 5890.  
 ——— *decoratum*. Meunier. 5890.  
 ——— *mortuum*. Meunier. 5890.  
 ——— *ritiosum*. Meunier. 5890.
- DRYOBUS [Cerambycidae].  
 ——— *miorenicus*. Beutenmüller  
 & Cockerell in Cockerell.  
 5471.
- ELEODES [Tenebrionidae].  
 ——— *behrii*. Grinnell. 5646.  
 ——— *elongata*. Grinnell. 5646.  
 ——— *intermedia*. Grinnell. 5646.
- EMBIA [Embiidae].  
 ——— *florissantensis*. Cockerell.  
 5464.
- EMPIIS [Diptera].  
 ——— *caelis*. Meunier. 5890.  
 ——— *insecta*. Meunier. 5890.  
 ——— *mala*. Meunier. 5890.  
 ——— *malefica*. Meunier. 5890.  
 ——— *mordax*. Meunier. 5890.  
 ——— *morosa*. Meunier. 5890.  
 ——— *personata*. Meunier. 5890.  
 ——— *tristis*. Meunier. 5890.
- ENALLAGMA [Odonata].  
 ——— *florissantella*. Cockerell.  
 5464.
- EPIHEMERA [Ephemeridae].  
 ——— *howarthi*. Cockerell. 5464.
- ERIOCAMPA [Tenthredinoidea].  
 ——— *bruesi*. Rohwer. 6044.  
 ——— *scudleri*. Brues. 5396.
- ERIOPHYES [Acarina].  
 ——— (?) *beutenmülleri*. Cockerell.  
 5471.
- Fayoliella** n. gen. [Blattidae]. Meunier.  
 5893.
- FORIRIA [Neuroptera].  
 ——— *maculata*. Meunier. 5892.
- HEMERODROMIA [Diptera].  
 ——— *detestata*. Meunier. 5890.
- HILARA [Diptera].  
 ——— *litigiosa*. Meunier. 5890.  
 ——— *macilenta*. Meunier. 5890.  
 ——— *tarda*. Meunier. 5890.
- HIRMONEURA [Nemestrinidae].  
 ——— *melanderi*. Cockerell. 5464.  
 ——— *occultator*. Cockerell. 5473.  
 ——— *vulcanica*. Cockerell. 5464.
- HYBOS [Diptera].  
 ——— *caelis*. Meunier. 5890.  
 ——— *tenis*. Meunier. 5890.



- Klebsiella** n. gen. [Palaeodictyoptera].  
Meunier, 5893.
- LEPIDOMYIA** [Diptera].  
——— *vaga*. Meunier, 5890.
- LEPTOPEZA** [Diptera].  
——— *concinna*. Meunier, 5890.
- Lisconeura** n. gen. [Tenthredinidae].  
Rohwer, 6043.
- Lithogryllites** n. gen. [Gryllidae].  
Cockerell, 5471.  
——— *lutzi*. Cockerell, 5471.
- Lygobius** n. gen. [Orthoptera].  
Mitchell, 5900.  
——— *knowltoni*. Mitchell, 5900.
- MACROPHYA** [Tenthredinidae].  
——— *perclusta*. Brues, 5396.
- MEGAXYELA** [Lydidae].  
——— *petrefacta*. Brues, 5396.
- MEGHYPERIELLA** [Diptera].  
——— *porphyropsoides*. Meunier, 5890.
- MELANACTES** [Elateridae].  
——— *cockerelli*. Wickham, 6245.
- MELANAGRION** [Odonata].  
——— *nigerrimum*. Cockerell, 5464.
- MELLINUS** [Aculeata].  
——— *handlirschi*. Rohwer, 6045.
- MICRODICTYA** [Palaeodictyoptera].  
——— *agnita*. Meunier, 5891.  
——— *klebsi*. Meunier, 5891.  
——— *villeneuvei*. Meunier, 5893.
- MICROPHORUS** [Diptera].  
——— *putidus*. Meunier, 5890.
- NECRODES** [Silphidae].  
——— *primaevus*. Beutenmüller & Cockerell in Cockerell, 5471.
- NEUROTOMA** [Lydidae].  
——— *cockerelli*. Rohwer, 6043.
- Nortonella** n. gen. [Tenthredinoidea].  
Rohwer, 6044.  
——— *typica*. Rohwer, 6044.
- NYMPHALLITES** [Nymphalidae].  
——— *scudleri*. Beutenmüller & Cockerell in Cockerell, 5471.
- OEDALEA** [Diptera].  
——— *robusta*. Meunier, 5890.
- PALAEOLEPTOPEZA** [Diptera].  
——— *gracilis*. Meunier, 5890.
- Palaeorehnia** n. gen. [Orthoptera].  
Cockerell, 5467.  
——— *maculata*. Cockerell, 5467.
- Palaeotaxonus** n. gen. [Tenthredinidae].  
Brues, 5396.  
——— *trivittatus*. Rohwer, 6043.  
——— *typicus*. Brues, 5396.
- PANORPA** [Planipennia].  
——— *aretiiformis*. Cockerell, 5471.
- PARATHALASSIELLA** [Diptera].  
——— *problematica*. Meunier, 5890.
- Paremphtus** n. gen. [Tenthredinidae].  
Brues, 5396.  
——— *ostentus*. Brues, 5396.
- Phenacolestes** n. gen. [Odonata].  
Cockerell, 5471.  
——— *mirandus*. Cockerell, 5471.  
——— (?) *parallelus*. Cockerell, 5471.
- Phenacoperga** n. gen. [Tenthredinidae].  
Cockerell, 5476.
- PHONEUSTICA** [Diptera].  
——— *eocenica*. Meunier, 5890.  
——— *suspiciosa*. Meunier, 5890.
- PHORA** [Phoridae].  
——— *cockerelli*. Brues, 5397.  
——— *laminarum*. Brues, 5397.
- PHYLLODROMIA** [Diptera].  
——— *delicata*. Meunier, 5890.  
——— *dolosa*. Meunier, 5890.  
——— *rustica*. Meunier, 5890.
- PHYMATODES** [Cerambycidae].  
——— *rolans*. Beutenmüller & Cockerell in Cockerell, 5471.
- Piroutetia** n. gen. [Neuroptera].  
Meunier, 5887.  
——— *liasina*. Meunier, 5887.
- PISON** [Fossoria].  
——— *cockerellae*. Rohwer, 6042.  
——— *oligocenum*. Cockerell, 6042.
- PLATYPALPUS** [Diptera].  
——— *concitatus*. Meunier, 5890.
- PLATYPEDIA** [Cicadidae].  
——— *primigenia*. Cockerell, 5464.
- POLYSTOECHOTES** [Planipennia].  
——— *piperatus*. Cockerell, 5471.
- Procopoblatta** n. gen. [Orthoptera].  
Schuster, 6087.  
——— *schusteri*. Schuster, 6087.
- Pseudocimbex** n. gen. [Tenthredinidae].  
Rohwer, 6043.  
——— *claratus*. Rohwer, 6043.
- PTERONUS** [Tenthredinidae].  
——— *prodigus*. Brues, 5396.

- RAGES [Diptera].  
 ————— *generosa*. Meunier. 5890.
- RHAMPHOMYIA [Diptera].  
 ————— *ablata*. Meunier. 5890.  
 ————— *angusta*. Meunier. 5890.  
 ————— *corrupta*. Meunier. 5890.  
 ————— *errabunda*. Meunier. 5890.  
 ————— *insolita*. Meunier. 5890.  
 ————— *involuta*. Meunier. 5890.  
 ————— *media*. Meunier. 5890.  
 ————— *obtusa*. Meunier. 5890.  
 ————— *oedalooides*. Meunier. 5890.  
 ————— *porrecta*. Meunier. 5890.
- SAPERDA [Cerambycidae].  
 ————— (?) *submersa*. Cockerell. 5464.
- SCHIZOCERUS [Tenthredinoidea].  
 ————— *konovi*. Rohwer. 6044.
- SCOLIGONEURA [Tenthredinidae].  
 ————— *reabilis*. Brues. 5396.
- SPHECOPTERA [Megasecopteridae].  
 ————— *brongiarti*. Meunier. 5893.
- STENODICTYA [Palaeodictyoptera].  
 ————— *therenini*. Meunier. 5891.
- Stobbsia** n. gen. [Lithomantidae]. Handlirsch. 5660.  
 ————— *woodwardiana*. Handlirsch. 5660.
- SYSCIOPHLEBIA [Orthoptera].  
 ————— *douvillei*. Meunier. 5889.
- TACHYDROMIA [Diptera].  
 ————— *egelata*. Meunier. 5890.  
 ————— *roracis*. Meunier. 5890.
- TENTHREDO [Tenthredinidae].  
 ————— *avia*. Brues. 5396.  
 ————— *infossa*. Brues. 5396.  
 ————— *miscra*. Brues. 5396.  
 ————— *saxorum*. Rohwer. 6044.
- Trichiosomites** n. gen. [Tenthredinidae]. Brues. 5396.  
 ————— *obliviosus*. Brues. 5396.
- TRICHOPEZA [Diptera].  
 ————— *longicornis*. Meunier. 5890.
- ZAITHA [Belostomatidae].  
 ————— *vulcanica*. Cockerell. 5464.
- 2631 CRUSTACEA.
- Archaeopus** n. gen. [Decapoda]. Rathbun. 6010.  
 ————— *antennatus*. Rathbun. 6010.
- BARBIA [Ostracoda].  
 ————— *dentata*. Issler. 5725.  
 ————— *rostrata*. Issler. 5725.
- BEYRICHIA [Ostracoda].  
 ————— *granulifera* n. nom. Ulrich & Bassler. 6202.  
 ————— *moodeyi*. Ulrich & Bassler. 6202.  
 ————— *waldronensis*. Ulrich & Bassler. 6202.
- Branchiolambrus** n. gen. [Decapoda]. Rathbun. 6010.  
 ————— *altus*. Rathbun. 6010.
- CALIANASSA [Decapoda].  
 ————— *subtilis*. Krause. 5780.
- CANCER [Decapoda].  
 ————— *fissus*. Rathbun. 6010.
- CYTHERE [Ostracoda].  
 ————— *egregia*. Méhes. 5877.  
 ————— *naca*. Méhes. 5877.  
 ————— *tenipunctata*. Méhely. 5877.
- CYTHEREIS [Ostracoda].  
 ————— *foveata*. Méhes. 5877.  
 ————— *hungarica*. Méhes. 5877.  
 ————— *lörentheyi*. Méhes. 5877.  
 ————— *mülleri*. Méhes. 5877.  
 ————— *tenistriata*. Méhes. 5877.
- CYTHERIDEA [Ostracoda].  
 ————— *ampullata*. Méhes. 5877.  
 ————— *banatica*. Méhes. 5877.  
 ————— *pannonica*. Méhes. 5877.  
 ————— *pannonica* var. *tuberculata* n. var. Méhes. 5877.
- CYTHERIDEIS [Ostracoda].  
 ————— *longissima*. Méhes. 5877.
- CYTHERURA [Ostracoda].  
 ————— *cretae*. Egger. 5555.
- DARWINULA [Ostracoda].  
 ————— *dadayi*. Méhes. 5877.
- GALENOPSIS [Decapoda].  
 ————— *ristorii*. Checchia-Rispoli. 5413.
- Hollina** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
- Jonesina** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
- Kirkbyina** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
- Kloedenella** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.  
 ————— *clarkii paupera* n. var. Ulrich & Bassler. 6202.  
 ————— *turgida*. Ulrich & Bassler. 6202.  
 ————— *turgida ventrosa* n. var. Ulrich & Bassler. 6202.
- Kloedenellinae** n. subfam. [Ostracoda]. Ulrich & Bassler. 6202.

- KLOEDENIA** [Ostracoda].  
 ——— *centricornis*. Ulrich & Bassler. 6202.  
 ——— *fimbriata*. Ulrich & Bassler. 6202.  
 ——— *marginalis*. Ulrich & Bassler. 6202.  
 ——— *praenuntia*. Ulrich & Bassler. 6202.  
 ——— *punctiliosa*. Ulrich & Bassler. 6202.  
 ——— *retifera*. Ulrich & Bassler. 6202.
- KRITHE** [Ostracoda].  
 ——— *parallela*. Méhes. 5877.  
 ——— *parallela* var. *minor* n. var. Méhes. 5877.
- LOXOCOONCHA** [Ostracoda].  
 ——— *kochi*. Méhes. 5877.  
 ——— *porosa*. Méhes. 5877.
- MEYERIA** [Decapoda].  
 ——— *schwarzzi*. Kitchin. 5765.
- POLLICIPES** [Cirripedia].  
 ——— *concinna*. Woodward. 6285.
- RIBEIRIA** [Phyllopora].  
 ——— *turgida*. Cleland. 5457.
- SCALPELLUM** [Cirripedia].  
 ——— *attenuatum*. Woodward. 6285.
- Scofieldia** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
- Steusloffia** n. subgen. [Ostracoda]. Ulrich & Bassler. 6202.
- Treposella** n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
- 2831 XIPHOSURA, EURIPTE-RIDA, TRILOBITA.**
- ACASTE** [Trilobita].  
 ——— *acutilobata*. Knod. 5768.  
 ——— *henni*. Richter. 6039.  
 ——— *nolens*. Richter. 6039.  
 ——— *perplana*. Knod. 5768.  
 ——— *schmidti*. Richter. 6039.
- ACIDASPIS** [Trilobita].  
 ——— *aries*. Richter. 6039.
- AGNOSTUS** [Trilobita].  
 ——— *calous*. Lake. 5785.  
 ——— *securiger*. Lake. 5785.
- Albertella** n. gen. [Trilobita]. Walcott. 6222.  
 ——— *bosworthi*. Walcott. 6222.  
 ——— *helena*. Walcott. 6222.
- AMPYX** [Trilobita].  
 ——— *incurvus*. Reed. 6016.
- Anisopyge** n. gen. [Trilobita]. Girty. 5622.  
 ——— *antiqua*. Girty. 5622.
- ASAPHUS** [Trilobita].  
 ——— *aculeatus*. Wiman. 6260.  
 ——— *fennicus*. Wiman. 6260.  
 ——— *robergii*. Wiman. 6260.  
 ——— *uplandicus*. Wiman. 6260.  
 ——— *wahlenbergii*. Wiman. 6260.
- BATHYRISCUS** [Trilobita].  
 ——— *ornatus*. Walcott. 6222.  
 ——— (?) *levis*. Cleland. 5457.
- BRONTEUS** [Trilobita].  
 ——— *alpinus*. Gortani. 5631.
- BUMASTUS** [Trilobita].  
 ——— *bellerillensis*. Raymond & Narraway. 6013.  
 ——— *billingsi*. Raymond & Narraway. 6013.
- Burlingia** n. gen. [Trilobita]. Walcott. 6222.  
 ——— *hectori*. Walcott. 6222.
- CALYMENE** [Trilobita].  
 ——— *planimarginata*. Reed. 6016.
- CERATOCEPHALA** [Trilobita].  
 ——— *robinia*. Clarke. 5454.
- CHASMOPS** [Trilobita].  
 ——— *wesenbergensis* var. *applanata* n. var. Wiman. 6260.
- CHEIRURUS** [Trilobita].  
 ——— *thomsoni*. Reed. 6016.
- CORDANIA** [Trilobita].  
 ——— *gasepiou*. Clarke. 5454.
- CRYPHAEUS** [Trilobita].  
 ——— *boopis*. Richter. 6039.  
 ——— *cometa*. Richter. 6039.  
 ——— *diadema*. Richter. 6039.  
 ——— *drevermanni*. Richter. 6039.
- CYBELE** [Trilobita].  
 ——— *loveni* var. *giranensis* n. var. Reed. 6016.
- DALMANITES** [Trilobita].  
 ——— *biardi*. Clarke. 5454.  
 ——— *böhmi*. Knod. 5768.  
 ——— *corius*. Clarke. 5454.  
 ——— *dolbeli*. Clarke. 5454.  
 ——— *esnoui*. Clarke. 5454.  
 ——— *gaveyi*. Clarke. 5454.  
 ——— *griffoni*. Clarke. 5454.  
 ——— *lovi*. Clarke. 5454.  
 ——— *perceensis*. Clarke. 5454.  
 ——— *veiti*. Clarke. 5454.  
 ——— *whiteavesi*. Clarke. 5454.

- DECHENELLA** [Trilobita].  
 ——— *burmeisteri*. Richter. 6039.  
 ——— *italica*. Gortani. 5631.  
 ——— *kayseri*. Richter. 6039.  
 ——— *tschernyschewi*. Richter. 6039.  
 ——— *vinassai*. Gortani. 5631.
- Drevermannia** n. gen. [Trilobita].  
 ——— *uralica*. Richter. 6039.
- Eutrimeroccephalus** n. subgen. [Trilobita]. Gortani. 5631.
- HOLOMETOPUS** [Trilobita].  
 ——— *niteus*. Wiman. 6260.
- ILLAENUS** [Trilobita].  
 ——— *lativittatus*. Raymond & Narraway. 6013.  
 ——— *memorabilis*. Reed. 6016.  
 ——— *mirus*. Wiman. 6260.
- LICHAPYGE** [Trilobita].  
 ——— *problematica*. Reed. 6016.
- LICHAS** [Trilobita].  
 ——— *bellamicus*. Clarke. 5454.  
 ——— *beryllifera*. Richter. 6039.  
 ——— *bolivianus*. Wiman. 6260.  
 ——— *forillonii*. Clarke. 5454.  
 ——— *graji* var. *scoticus* n. var. Reed. 6016.
- Microphthalmus** n. subgen. [Trilobita]. Gortani. 5631.
- NEOLEXUS** [Trilobita].  
 ——— *inflatus*. Walcott. 6222.  
 ——— *intermedius*. Walcott. 6222.  
 ——— *intermedius pugio* n. var. Walcott. 6222.  
 ——— *superbus*. Walcott. 6222.
- Oryctocara** n. gen. [Trilobita]. Walcott. 6222.  
 ——— *geikiiei*. Walcott. 6222.
- PHACOPS** [Trilobita].  
 ——— *bisseti*. Reed. 6016.  
 ——— *loyani gaspensis* n. var. Clarke. 5454.
- PHILLIPSIA** [Trilobita].  
 ——— *stratton-porteri*. Rowley. 6052.
- PROETUS** [Trilobita].  
 ——— *tennismargo*. Richter. 6039.
- SYMPHYSURUS** [Trilobita].  
 ——— *apolonista*. Lake. 5784.
- TRIMEROCEPHALUS** [Trilobita]. Gortani. 5631.  
 ——— *anophthalmus* mut. *richteri*. n. mut. Gortani. 5631.  
 ——— *anophthalmus* var. *tietzei* n. var. Gortani. 5631.
- TRIMEROCEPHALUS** [Trilobita].  
 ——— *carnicus*. Gortani. 5631.  
 ——— *pseudogramulatus*. Gortani. 5631.  
 ——— *roemeri* n. nom. Gortani. 5631.
- TRINUCLEUS** [Trilobita].  
 ——— *bolivianus*. Lake. 5784.
- ZACANTHOIDES** [Trilobita].  
 ——— *idahoensis*. Walcott. 6222.
- 3431 MYRIOPODA.**
- JULUS** [Diplopoda].  
 ——— *cavicola*. Grinnell. 5646.  
 ——— *occidentalis*. Grinnell. 5646.
- SPIROBOLUS** [Diplopoda].  
 ——— *australis*. Grinnell. 5646.
- 5431 PISCES.**
- ANCESTRODON** [Plectognathi].  
 ——— *armatus* var. *gortani* n. var. Priem. 6002.  
 ——— *armatus* var. *teihardi* n. var. Priem. 6002.
- CALAMOPLEURUS** [Elopidae].  
 ——— *vestitus*. Jordan. 5744.
- Cearana** n. gen. [Osteoglossidae (?)]. Jordan & Branner. 5744.  
 ——— *rochae*. Jordan & Branner. 5744.
- CERATODUS** [Dipnoi].  
 ——— *ornatus*. Broom. 5388.
- CHRYSOPHRYS** [Acanthopterygii].  
 ——— *gercaisi*. Leriche. 5812.
- CLADODUS** [Elasmobranchii].  
 ——— *compressus*. Branson. 5366.  
 ——— *urbs-ludovici*. Eastman. 5551.
- CLEITHROLEPIS** [Ganoidei].  
 ——— *minor*. Broom. 5388.
- COELACANTHUS** [Coelacanthidae].  
 ——— *welleri*. Eastman. 5552.
- CONCHODUS** [Dipneusti].  
 ——— *variabilis*. Eastman. 5551.
- DICTYOPYGE** [Ganoidei].  
 ——— *formosa*. Broom. 5388.
- DIPTERUS** [Dipneusti].  
 ——— *digitatus*. Eastman. 5551.  
 ——— *pectinatus*. Eastman. 5551.
- EDESTUS** [Selachii].  
 ——— *karpinskyi*. Missunianka. 5899.

- ELONICHTHYS** [Chondrostei].  
 ——— *denticulatus*. Traquair, 6191.
- Enneles** n. gen. [Elopidae]. Jordan & Branner, 5744.  
 ——— *audax*. Jordan & Branner, 5744.
- GYRACANTHUS** [Acanthodii].  
 ——— *primaevus*. Eastman, 5551.
- GYRODUS** (?) [Holosteii].  
 ——— *picteti*. Karakaš. 5748.
- Helichthys** n. gen. [Ganoidei]. Broom, 5388.  
 ——— *browni*. Broom, 5388.  
 ——— *tenuis*. Broom, 5388.
- HYBODUS** [Selachii].  
 ——— *africanus*. Broom, 5388.
- Hydropessum** n. gen. [Ganoidei].  
 ——— Broom, 5388.  
 ——— *kannemeyeri*. Broom, 5388.
- NOTIDANUS** [Selachii].  
 ——— *subrecurvus*. Oppenheim, 5936.
- OTOLITHUS** [Acanthopterygii].  
 ——— (Apogoniarum) *boulei*. Priem, 6001.  
 ——— (Apogoniarum) *orbicularis*. Priem, 6001.  
 ——— (Arius) *lerichei*. Priem, 6001.  
 ——— *bornholmensis*. Mallng & Grönwall, 5858.  
 ——— (Congeris) *papointi*. Priem, 6001.  
 ——— (Dentex) *dubius*. Priem, 6001.  
 ——— (Ophidiidarum) *kokeni*. Priem, 6001.  
 ——— (Percidarum) *angustus*. Priem, 6001.  
 ——— (Percidarum) *concurvus*. Priem, 6001.  
 ——— (Percidarum) *obtusus*. Priem, 6001.  
 ——— (Serranus) *bourdoti*. Priem, 6001.  
 ——— (Siluridarum) *incertus*. Priem, 6001.  
 ——— (Sparidarum) *lemoinei*. Priem, 6001.  
 ——— (Sparidarum) *sauvagei*. Priem, 6001.  
 ——— (Trachini) *thevenini*. Priem, 6001.
- OXYGNATHUS** [Ganoidei].  
 ——— *browni*. Broom, 5388.
- Palaeophichthys** n. gen. [Coelacanthidae]. Eastman, 5551.  
 ——— *parvulus*. Eastman, 5551.
- PHOLIDOPHORUS** [Ganoidei].  
 ——— *browni*. Broom, 5388.  
 ——— *facii* n. f. Gortani, 5632.
- RHADINICHTHYS** [Palaeoniscidae].  
 ——— *deani*. Eastman, 5551.
- SCIAENIDARUM** [Selachii].  
 ——— *mauchei*. Leriche, 5813.
- SYNTHETODUS** [Ctenodontidae].  
 ——— *calvini*. Eastman, 5551.
- Tharrhias** n. gen. [Leptolepidae].  
 ——— Jordan & Branner, 5744.  
 ——— *araripis*. Jordan & Branner, 5744.
- TRIGONODON** [Acanthopterygii].  
 ——— *laevis*. Priem, 6002.  
 ——— *serratus* var. *aegyptiaca* n. var. Priem, 6002.
- 5631** REPTILIA AND  
 BATRACHIA.
- Achilemys** n. gen. [Testudinidae]. Hay, 5672.
- ADOCUS** [Dermatemydidae].  
 ——— *lacer*. Hay, 5672.
- Alamosemys** n. gen. [Dermatemydidae].  
 ——— Hay, 5672.  
 ——— *substricta*. Hay, 5672.
- Alopecodon** n. gen. [Anomodontia].  
 ——— Broom, 5384.  
 ——— *rugosus*. Broom, 5384.
- Amblypeza** n. gen. [Bothremydidae].  
 ——— Hay, 5672.  
 ——— *entellus*. Hay, 5672.
- AMYDA** [Trionychidae].  
 ——— *aequa*. Hay, 5672.  
 ——— *crassa*. Hay, 5672.  
 ——— *egregia*. Hay, 5672.  
 ——— *exquisita*. Hay, 5672.  
 ——— *franciscae*. Hay, 5672.  
 ——— *mira*. Hay, 5672.  
 ——— *salebrosa*. Hay, 5672.
- Ankylosaurus** n. gen. [Dinosauria].  
 ——— Brown, 5394.  
 ——— *magniventris*. Brown, 5394.
- ASPIDERETES** [Trionychidae].  
 ——— *austerus*. Hay, 5672.  
 ——— *ellipticus*. Hay, 5672.  
 ——— *fontanus*. Hay, 5672.  
 ——— *grangeri*. Hay, 5672.  
 ——— *granifer*. Hay, 5668.  
 ——— *nassau*. Hay, 5672.  
 ——— *puercensis*. Hay, 5672.

- ASPIDERETES** [Trionychidae].  
 ——— *sagatus*. Hay. 5672.  
 ——— *singularis*. Hay. 5672.  
 ——— *splendidus*. Hay. 5672.  
 ——— *vorax*. Hay. 5672.
- BAENA** [Baenidae].  
 ——— *clara*. Hay. 5672.  
 ——— *emiliae*. Hay. 5672.  
 ——— *escavada*. Hay. 5672.  
 ——— *riparia*. Hay. 5672.  
 ——— *sima*. Hay. 5672.
- BAPTEMYS** [Dermatemydidae].  
 ——— *fluvialis*. Hay. 5672.  
 ——— *tricarinata*. Hay. 5672.
- Bauria** n. gen. [Cynodontia]. Broom.  
 5389.  
 ——— *cynops*. Broom. 5389.
- CAPITOSAURUS** [Stegocephalia].  
 ——— *africanus*. Broom. 5389.
- Charitemys** n. gen. [Baenidae]. Hay.  
 5672.  
 ——— *captans*. Hay. 5672.
- CHRYSEMYS** [Emydidae].  
 ——— *timida*. Hay. 5672.
- CLEMMYS** [Emydidae].  
 ——— *morrisiae*. Hay. 5672.
- CROCODILUS** [Crocodylia].  
 ——— *ossifragus*. Dubois. 5547.
- CYMBOSPONDYLUS** (?) [Ichthyosauria].  
 ——— *natans*. Merriam. 5883.  
 ——— *nevadanus*. Merriam. 5883.
- DEIROCHELUS** [Emydidae].  
 ——— *floridana*. Hay. 5672.
- Diceratops** n. nom. [Dinosauria]. Lull.  
*in* Hatcher. 5666.  
 ——— *hatcheri* n. nom. Lull *in*  
 Hatcher. 5666.
- DICYNODON** [Theromorpha].  
 ——— *seeleyi*. Broili. 5376.
- Eccasaurus** n. gen. [Incert. Sed.]  
 Broom. 5389.  
 ——— *priscus*. Broom. 5389.
- ECHMATEMYS** [Emydidae].  
 ——— *aegle*. Hay. 5672.  
 ——— *arethusa*. Hay. 5672.  
 ——— *callopyge*. Hay. 5672.  
 ——— *cyane*. Hay. 5672.  
 ——— *naomi*. Hay. 5672.  
 ——— *ocyrhoe*. Hay. 5672.  
 ——— *pusilla*. Hay. 5672.  
 ——— *ricalis*. Hay. 5668.  
 ——— *vintensis*. Hay. 5672.
- ERQUELINNENIA** [Thalassemydidae].  
 ——— *malaria*. Hay. 5672.
- Eubaena** n. gen. [Baenidae]. Hay. 5672.  
 ——— *latifrons*. Hay. 5672.
- GAVIALIS** [Crocodylia].  
 ——— *benjavanicus*. Dubois. 5547.
- Gigantosaurus** n. gen. [Dinosauria].  
 Fraas. 5585.  
 ——— *africanus*. Fraas. 5585.  
 ——— *robustus*. Fraas. 5585.
- GLYPTOPS** [Pleurosternidae].  
 ——— *caelatus*. Hay. 5672.  
 ——— *depressus*. Hay. 5672.  
 ——— *pervicax*. Hay. 5672.
- GLYPTOSAURUS** [Lacertilia].  
 ——— *montanus*. Douglass. 5529.  
 ——— *obtusidens*. Loomis. 5842.
- GRESSLYOSAURUS** [Dinosauria].  
 ——— *plieningeri*. Huene. 5712.  
 ——— *robustus*. Huene. 5712.
- Gyremys** n. gen. [Emydidae]. Hay.  
 5672.  
 ——— *spectabilis*. Hay. 5672.
- HADRIANUS** [Testudinidae].  
 ——— *tumidus*. Hay. 5672.
- Halticosaurus** n. gen. [Dinosauria].  
 Huene. 5712.  
 ——— *longotarsus*. Huene. 5712.
- Heleophilus** n. gen. [Mesosauria].  
 Broom. 5389.  
 ——— *acutus*. Broom. 5389.
- Helopanoplia** n. gen. [Trionychidae].  
 Hay. 5672.  
 ——— *distincta*. Hay. 5672.
- Hoplochelys** n. gen. [Dermatemydidae].  
 Hay. 5672.  
 ——— *caelata*. Hay. 5668.  
 ——— *paludosa*. Hay. 5672.  
 ——— *salians*. Hay. 5672.
- Hyaenesuchus** n. gen. [Anomodontia].  
 Broom. 5348.  
 ——— *whaitsi*. Broom. 5384.
- IOHNIUM**.  
 ——— *acrodactylum* subsp. *alter-*  
*nans* n. subsp. Pabst.  
 5948.  
 ——— *acrodactylum* subsp. *curvata*  
 n. subsp. Pabst. 5948.  
 ——— *acrodactylum* subsp. *dispar*  
 n. subsp. Pabst. 5948.  
 ——— *anakolodactylum*. Pabst.  
 5948.  
 ——— *brachydactylum*. Pabst.  
 5948.  
 ——— *dilochodactylum*. Pabst.  
 5948.

## ICHNIUM.

- *gampsodactylum tenue*. Pabst.  
5948.
- *gampsodactylum* subsp.  
*gracilis* n. subsp. Pabst.  
5948.
- *gampsodactylum* subsp.  
*minor* n. subsp. Pabst.  
5948.
- *pachydactylum*. Pabst. 5948.
- *pachydactylum unguatum*.  
Pabst. 5948.
- *pachydactylum minus*. Pabst.  
5948.
- *rhopalodactylum*. Pabst.  
5948.
- *sphaerodactylum* subsp.  
*minor* n. subsp. Pabst.  
5948.

## ICHTHYOSAURUS [Ichthyosauria].

- *kokeni*. Broili. 5377.

## ISODECTES [Incertae Sedis].

- *copei* n. nom. Williston.  
6255.

**Kallistira** n. gen. [Dermatemydidae].  
Hay. 5672.

## LYTOLOMA [Thalassemydidae].

- *wielandi*. Hay. 5672.

## MACROCHELYS [Chelydridae].

- *floridana*. Hay. 5672.

**Naiadochelys** n. gen. [Bothremydidae].  
Hay. 5672.

- *ingravata*. Hay. 5672.

**Naomichelys** n. gen. [Baenidae]. Hay.  
5672.

- *speciosa*. Hay. 5672.

## OSTEOPYGIS [Thalassemydidae].

- *robustus* Hay. 5672.

**Ophiderpetontidae** n. fam. Schwarz.  
6090.

## OXYODON [Theromorpha].

- *britannicus*. Huene. 5717.

**Pachysaurus** n. gen. [Dinosauria].  
Huene. 5712.

- *ajaz*. Huene. 5712.
- *magnus*. Huene. 5712.

**Pardosuchus** n. gen. [Anomodontia].  
Broom. 5384

- *whaitsi*. Broom. 5384.

## PLASTOMENUS [Plastomenidae].

- *tentillus*. Hay. 5672.
- *visendus*. Hay. 5672.

## PLATEOSAURUS [Dinosauria].

- *erlenbergiensis*. Huene.  
5712.
- *ornatus*. Huene. 5712.
- *quenstedti*. Huene. 5712.
- *reinigeri*. Huene. 5712.

## PLATYPELTIS [Trionychidae].

- *extensa*. Hay. 5672.
- *postera*. Hay. 5672.

**Procolpochelys** n. gen. [Cheloniidae].  
Hay. 5672.

## PROTOSTEGA [Protostegidae].

- *advena*. Hay. 5672.
- *potens*. Hay. 5672.

## PSEUDEMYIS [Emydidae].

- *caelata*. Hay. 5672.
- *extincta*. Hay. 5672.

**Rhetechelys** n. gen. [Thalassemydidae].  
Hay. 5672.

## RHINESUCHUS [Labyrinthodontia].

- *whaitsi*. Broom. 5386.

**Sellosaurus** n. gen. [Dinosauria].  
Huene. 5712.

- *fraasi*. Huene. 5712.
- *gracilis*. Huene. 5712.

## STYLEMYS [Testudinidae].

- *capax*. Hay. 5672.
- *conspecta*. Hay. 5672.

## TANYSTROPHAEUS [Dinosauria].

- *antiquus*. Huene. 5712.
- *posthumus*. Huene. 5712.

## TAPHROSYPHS [Bothremydidae].

- *dares*. Hay. 5672.

**Temnotrionyx** n. gen. [Trionychidae].  
Hay. 5672.

- *manducans*. Hay. 5672.

## TERATOSAURUS [Dinosauria].

- *minor*. Huene. 5712.
- *trossingensis*. Huene. 5712.

## TERRAPENE [Chelonia].

- *longinsulae*. Hay. 5668.

## TESTUDO [Chelonia].

- *beadnelli*. Andrews. 5293.
- *campester*. Hay. 5672.
- *emiliae*. Hay. 5672.
- *farri*. Hay. 5672.
- *impensa*. Hay. 5672.
- *isis*. Andrews. 5293.
- *pansa*. Hay. 5672.
- *thomsoni*. Hay. 5672.
- *vaga*. Hay. 5672.

**Tetraceratops** n. gen. [Pelycosauria].  
Matthew. 5871.

- *insignis*. Matthew. 5871.

- THECODONTOSAURUS** [Dinosauria].  
 ——— *hermannianus*. Huene. 5712.  
 ——— *latespinatus*. Huene. 5712.  
 ——— *primus*. Huene. 5712.  
 ——— *subcylindrodon*. Huene. 5712.  
**Thescelus** n. gen. [Baenidae]. Hay. 5672.  
 ——— *insiliens*. Hay. 5672.  
 ——— *rapiens*. Hay. 5672.  
**TOXOCHELYS** [Toxochelyidae].  
 ——— *elkader*. Hay. 5672.  
**TRACHEMYS** [Emydidae].  
 ——— *jarmani*. Hay. 5672.  
 ——— *sculpta*. Hay. 5672.  
 ——— *trulla*. Hay. 5672.  
**Trematosaurus** n. gen. [Stegocephalia].  
 ——— Broom. 5389.  
 ——— *kammeyeri*. Broom. 5389.  
**Trochosuchus** n. gen. [Anomodontia].  
 ——— Broom. 5384.  
 ——— *acutus*. Broom. 5384.  
**TRINACROMERUM** [Polycotylidae].  
 ——— *latimanus*. Williston. 6256.

## 5831 AVES.

- ÆGIALORNIS** [Pico-Passeriformeae].  
 ——— *leenhardti*. Gaillard. 5604.  
**Amphiserpentarius** n. gen. [Cathartiformeae]. Gaillard. 5604.  
 ——— *schlosseri*. Gaillard. 5604.  
**ARCHÆOTROGON** [Pico-Passeriformeae].  
 ——— *cayluensis*. Gaillard. 5604.  
 ——— *zitteli*. Gaillard. 5604.  
**Cypselavus** n. gen. [Pico-Passeriformeae]. Gaillard. 5604.  
 ——— *gallicus*. Gaillard. 5604.  
**PALÆOCRYPTONYX** [Gallinaceae].  
 ——— *depereti*. Gaillard. 5604.  
**Paraortyx** n. gen. [Gallinaceae]. Gaillard. 5604.  
 ——— *brancoi*. Gaillard. 5604.  
 ——— *loteti*. Gaillard. 5604.  
**PILLARGOISIS** [Columbiformeae].  
 ——— *stellini*. Gaillard. 5604.  
 ——— *tronessarti*. Gaillard. 5604.  
**Plesiocathartes** n. gen. [Cathartiformeae]. Gaillard. 5604.  
 ——— *caroquensis*. Gaillard. 5604.  
**Strigogyps** n. gen. Gaillard. 5604.  
 ——— *dubius*. Gaillard. 5604.  
**TOIANUS** [Charadriiformeae].  
 ——— *edwardsi*. Gaillard. 5604.

## 6031 MAMMALIA.

- ACERATHERIUM** [Perissodactyla].  
 ——— *egregius*. Cook. 5484.  
 ——— *stigeri*. Loomis. 5843.  
**Altippus** n. gen. [Perissodactyla].  
 ——— Douglass. 5528.  
 ——— *taxus*. Douglass. 5528.  
**Aminippus** subgen. n. nom. [Equidae].  
 ——— Granger. 5640.  
**ANCODON** [Artiodactyla].  
 ——— *parvus*. Andrews. 5293.  
**APHELOPS** [Perissodactyla].  
 ——— *montanus*. Douglass. 5527.  
**Apidium** n. gen. [Incertae Sedis].  
 ——— Osborn. 5941.  
 ——— *phiomensis*. Osborn. 5941.  
**BIBOS** [Artiodactyla].  
 ——— *palaesondaicus*. Dubois. 5547.  
 ——— *protocavifrons*. Dubois. 5547.  
**BLARINA** [Insectivora].  
 ——— *brevicauda ozarkensis*. n. subsp. Brown. 5395.  
**BLASTOMERYX** [Cervidae].  
 ——— *olcottii*. Matthew. 5872.  
 ——— *primus*. Matthew. 5872.  
**BOÛTHERIUM** [Artiodactyla].  
 ——— *sargenti*. Gidley. 5616.  
**Brachyprotoma** n. gen. [Carnivora].  
 ——— Brown. 5395.  
 ——— *pristina*. Brown. 5395.  
 ——— *spelaea*. Brown. 5395.  
**BRONTOTHERIUM** [Perissodactyla].  
 ——— *hatcheri*. Osborn. 5942.  
**BUBALIS** [Artiodactyla].  
 ——— *prisca*. Broom. 5390.  
 ——— *palaeokerabau*. Dubois. 5547.  
**CAMIS** [Carnivora].  
 ——— *peruanus*. Nordenskiöld. 5926.  
**CERAVS** [Artiodactyla].  
 ——— *cretensis*. Simonelli. 6126.  
 ——— *kenbengensis*. Dubois. 5547.  
 ——— *palaemendjangan*. Dubois. 5547.  
**Coriphagus** n. gen. [Insectivora ?].  
 ——— Douglass. 5530.  
 ——— *montanus*. Douglass. 5530.  
**DELPHINAPTERIS** [Cetacea].  
 ——— *vermontanus*. Perkins. 5972.



- DICERATHERIUM** [Rhinocerotidae].  
 ————— *aberrans*. Loomis. 5843.  
 ————— *arikarensis*. Barbour. 5317.  
 ————— *petersoni*. Loomis. 5843.  
 ————— *schiffi*. Loomis. 5843.
- DOLICHOHINUS** [Perissodactyla].  
 ————— *intermedius*. Osborn. 5942.
- ELEPHAS** [Mammalia].  
 ————— *hysudrindicus*. Dubois. 5547.
- EOHIPPIUS** [Equidae].  
 ————— *borealis*. Granger. 5640.  
 ————— *resartus*. Granger. 5640.
- EPIHIPPIUS** [Equidae].  
 ————— *parvus*. Granger. 5640.
- EQUUS** [Perissodactyla].  
 ————— *capensis*. Broom. 5392.  
 ————— *hydruntinus*. Regalia. 6019.
- FELIS** [Carnivora].  
 ————— *longierus*. Brown. 5395.  
 ————— *microgale*. Dubois. 5547.  
 ————— *oxygnatha*. Dubois. 5547.  
 ————— *trinilensis*. Dubois. 5547.
- FIBER** [Rodentia].  
 ————— *amectens*. Brown. 5395.
- FURCIFER** ? [Incert. Sed.].  
 ————— *urinei*. Nordenskiöld. 5926.
- GAZELLA** [Artiodactyla].  
 ————— *daviesii*. Hinton. 5692.
- GEOMYS** [Rodentia].  
 ————— *parvidens*. Brown. 5395.
- HEXAPROTODON** [Litopterna].  
 ————— *sivajavanicus*. Dubois. 5547.
- HYAENA** [Carnivora].  
 ————— *bathygnatha*. Dubois. 5547.
- LAMBDOOTHERIUM** [Perissodactyla].  
 ————— *primaevum*. Loomis. 5842.
- LEPTOBOS** [Artiodactyla].  
 ————— *dependicornus*. Dubois. 5547.  
 ————— *groeneveldtii*. Dubois. 5547.
- LEPUS** [Rodentia].  
 ————— *giganteus*. Brown. 5395.
- LIMNOHYPOS** [Perissodactyla].  
 ————— *matthewi*. Osborn. 5942.  
 ————— *monoconus*. Osborn. 5942.  
 ————— *priscus*. Osborn. 5942.
- LOPHIODON** [Perissodactyla].  
 ————— *thomasi*. Depéret. 5514.
- LUTRA** [Fissipedia].  
 ————— *palaeoleptonyx*. Dubois. 5547.
- LYNX** [Carnivora].  
 ————— *compresniks*. Brown. 5395.
- MANIS** [Nomarthra].  
 ————— *lijdeckeri*. Dubois. 5547.  
 ————— *palaejavanica*. Dubois. 5547.
- MANTEOCERAS** [Perissodactyla].  
 ————— *washakiensis*. Osborn. 5942.
- Megopterna** n. gen. [Insectivora ?].  
 ————— Douglass. 5530.  
 ————— *minuta*. Douglass. 5530.
- MEPHITIS** [Carnivora].  
 ————— *mephitica newtonensis* n. subsp. Brown. 5395.
- MERYCHIPPUS** [Perissodactyla].  
 ————— *missouriensis*. Douglass. 5528.
- Mesatirhinus** n. gen. [Perissodactyla].  
 ————— Osborn. 5942.  
 ————— *petersoni*. Osborn. 5942.
- MESOHIPPUS** [Perissodactyla].  
 ————— *portentus*. Douglass. 5528.
- Metaphiomys** n. gen. [Rodentia].  
 ————— Osborn. 5941.  
 ————— *beadnelli*. Osborn. 5941.
- Metarhinus** n. gen. [Perissodactyla].  
 ————— Osborn. 5942.  
 ————— *earlei*. Osborn. 5942.  
 ————— *fluvialilis*. Osborn. 5942.
- MICROSOREX** [Insectivora].  
 ————— *minutus*. Brown. 5395.
- MOROPUS** [Ancylopoda].  
 ————— *petersoni*. Holland. 5704.
- NEOTOMA** [Rodentia].  
 ————— *ozarkensis*. Brown. 5395.
- ONOHIPPIDIUM** [Perissodactyla].  
 ————— *peruanum*. Nordenskiöld. 5926.
- OROHIPPUS** [Equidae].  
 ————— *atavus*. Granger. 5640.  
 ————— *progressus*. Granger. 5640.  
 ————— *typicus* n. nom. Granger. 5640.
- OVIPOS** [Artiodactyla].  
 ————— *yukonensis*. Gidley. 5616.
- PALAEOSYOPS** [Perissodactyla].  
 ————— *copei*. Osborn. 5942.  
 ————— *grangeri*. Osborn. 5942.  
 ————— *leidyi*. Osborn. 5942.
- PALAEOMASTODON** [Proboscidea].  
 ————— *barroisi*. Pontier. 5992.
- PARAHIPPUS** [Ungulata].  
 ————— *tyleri*. Loomis. 5844.
- Phiomys** n. gen. [Rodentia]. Osborn. 5941.  
 ————— *andrewsi*. Osborn. 5941.

- Picrodus** n. gen. [Marsupialia? Incert. Sed.], Douglass. 5530.  
 ——— *silberlingi*. Douglass. 5530.
- PRAEOVIBOS** [Artiodactyla].  
 ——— *præscus*. Staudinger. 6144.
- PROTITANOTHERIUM** [Perissodactyla].  
 ——— *superbum*. Osborn. 5942.
- Prozeuglodon** n. gen. [Cetacea].  
 Andrews. 5293.
- PROZEUGLODON** [Cetacea].  
 ——— *atrox*. Andrews. 5293.
- PTILODUS** [Allotheria].  
 ——— *montanus*. Douglass. 5530.
- Ptolemaia** n. gen. [Incertae Sedis].  
 Osborn. 5941.  
 ——— *lyonsi*. Osborn. 5941.
- Ptolemaiidae** [Incertae Sedis].  
 ——— n. fam. Osborn. 5941.
- PUTORIUS** [Carnivora].  
 ——— *cicognanii angustidens* n. subsp. Brown. 5395.  
 ——— *gracilis*. Brown. 5395.
- REITHRODONTOMYS** [Rodentia].  
 ——— *simplicidens*. Brown. 5395.
- RHAGATHERIUM** [Artiodactyla].  
 ——— *aegyptiacum*. Andrews. 5293.
- RHINOCEROS** [Perissodactyla].  
 ——— *kendengindicus*. Dubois. 5547.  
 ——— *sirasondaicus*. Dubois. 5547.
- SAGHATHERIUM** [Hyracoidea].  
 ——— *majus*. Andrews. 5293.
- SINOPA** [Carnivora].  
 ——— *ethiopica*. Andrews. 5293.
- Smilodontopsis** n. gen. [Carnivora].  
 Brown. 5395.  
 ——— *conardi*. Brown. 5395.  
 ——— *troglodytes*. Brown. 5395.
- SOREX** [Insectivora].  
 ——— *personatus fossidens* n. subsp. Brown. 5395.
- SUS** [Litopterna].  
 ——— *brachygnathus*. Dubois. 5547.  
 ——— *macrognathus*. Dubois. 5547.
- SYMBORODON** [Perissodactyla].  
 ——— *copei*. Osborn. 5942.
- SYMPOS** [Rodentia].  
 ——— *australis*. Brown. 5395.
- TAMIAS** [Rodentia].  
 ——— *nasutus*. Brown. 5395.
- TAPIRUS** [Perissodactyla].  
 ——— *pandanicus*. Dubois. 5547.
- TELMATHERIUM** [Perissodactyla].  
 ——— *altidens*. Osborn. 5942.  
 ——— *ultimum*. Osborn. 5942.
- TETRACERUS** [Artiodactyla].  
 ——— *kroesenii*. Dubois. 5547.
- VESPERTILIO** [Chiroptera].  
 ——— *fuscus grandis* n. subsp. Brown. 5395.
- Zygorhiza** n. gen. [Cetacea]. True. 6195.

## PALAEOBOTANY.

## A STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL  
STRATIGRAPHICAL POSI-  
TION.38.5000 PALAEOBOTANICA  
GENERALIS.

Das Pflanzenreich. Regni vegetabilis conspectus. In Auftrage der kgl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 33. (IV. 38. III. 11.). H. 34 (IV. 110.). Leipzig (W. Engelmann), 1908, (317, mit 1 Taf.; 39, mit 1 Taf.). 26 cm. 17,60 M. 2,40 M. H. 35 (IV. 278); H. 36 (IV. 111); H. 37 (IV. 23 B). Leipzig (W. Engelmann), 1908, (98, 92, 160). 27 cm. 5 M.; 4,60 M.; 8,40 M.

## d EUROPE.

## da Iceland.

**Braun.** 5369. Ueber ein Vorkommen verkieselter Baumstämme an der Ostküste von Island.

## df France.

**Guilbert.** 5650. Forêts immergées de la côte bretonne (baie de Saint-Brieuc).

## 38.6500 GYMNOSPERMAE.

**Potonié.** 5998. Abbildungen und Beschreibungen fossiler Pflanzen-Reste. Lfg 4. 5.

**Salfeld.** 6057. Ueber *Ginkgo* und ihre ausgestorbenen Verwandten.

(K-4794)

## f AFRICA.

## fg South Africa.

**Gothan.** 5635. Einige von Dr. Lotz in Deutsch-Südwestafrika gesammelte fossile Hölzer.

## 38.6600 CYCADOPILICES.

**Bertrand.** 5339. Remarques sur *Taxospermum angulosum*.

## 38.6700 PTERIDOPHYTA.

**Bertrand.** 5313. Note sur les affinités des zygoptéridées.

**Kidston & Gwynne-Vaughan.** 5757. Fossil Osmundaceae. II.

## 39 GENERAL.

39 5000 PALAEOBOTANICA  
GENERALIS.

Die natürlichen Pflanzenfamilien nebst ihren Gattungen und wichtigeren Arten, insbesondere den Nutzpflanzen . . . begr. v. A[dolf] Engler u. K[arl] Prantl, fortges. v. A[dolf] Engler. Lfg 229, 231-233 (Tl 1, Abt. 3, Bogen 61-72); Lfg 230 (Tl 1, Abt. 1, Bogen 13-16 Schluss.). Leipzig (W. Engelmann), 1907-1908. 26 cm. Die Lfg zu 3 Bogen 1,50 M.

**Diels.** 5517. Pflanzengeographie. Leipzig, 1908.

**Hollick.** 5706. The museum collection of fossil plants.

**Nathorst.** 5915.

**Zeiller.** 6300. Revue des travaux de paléontologie végétale publiés dans le cours des années 1901-1906.

*a* **EUROPE.**

*df* **France.**

**Lauby.** 5800. Découverte de plantes fossiles dans les terrains volcaniques de l'Aubrac.

*g* **NORTH AMERICA.**

*ga* **Alaska and Aleutian Islands.**

**Martin.** 5863. Geology and mineral resources of the Controller Bay region, Alaska.

*gii* **North Eastern United States.**

**Hollick.** 5705. Drift boulders from the shore at Tottenville.

*gi* **Western United States.**

**Rowley.** 6052. The geology of Pike county.

**39 6500 GYMNOSPERMEAE.**

**Seward & Ford.** 6105. The *Araucariae*, recent and extinct.

**Wieland.** 6217. American fossil cycads.

— 6218. Historie fossil cycads.

**39.6600 CYCADOFILICES.**

**Bertrand.** 5337. Les caractéristiques du genre *Taxospermum*.

— 5338. Les caractéristiques du genre *Leptocarpon* de Brongniart.

— 5340. Les caractéristiques du *Cycadlinocarpus angustodunensis*.

**39 6700 PTERIDOPHYTA.**

**Arber.** 5298. Past history of the ferns.

**Bertrand.** 5341. Caractéristiques de la trace foliaire dans les genres *Gyropteris* et *Tubicaulis*.

— 5342. Sur les stipes de *Clepydropsis*.

**Fritel et Viguier.** 5600. Tubercules et tiges fossiles d'*Equisetum*.

**Jeffrey.** 5737. Are there foliar gaps in the *Lycopsida*?

**Lignier.** 5824. Sur l'origine des sphénophyllées.

**Pelourde.** 5963. Sur un nouveau type de pétiole de fougère fossile.

— 5964. Recherches sur la position systématique des plantes fossiles appelées *Psaronius*, *Psaroniocolon*, *Caulopteris*.

**Rénier.** 6026. Origine raméale des cicatrices ulodendroïdes du *Bothrodendron punctatum*.

**Zeiller.** 6299. Observations sur le *Lepidostrobus browni* Brongniart.

**39.7400 ALGAE ET SCHIZOPHYCEAE.**

*d* **EUROPE.**

*df* **France.**

**Héribrand.** 5679. Les Diatomées fossiles d'Auvergne, 3<sup>e</sup> Mémoire. Paris, 1908.

*g* **NORTH AMERICA.**

*gi* **Western United States.**

**Arnold & Anderson.** 5311. Geology and oil resources of the Santa Maria oil district, Santa Barbara county, California.

**45 PALAEOZOIC (GENERAL.)**

**45 5000 PALAEOBOTANICA GENERALIS.**

**Scott.** 6093. The present position of Paleozoic botany.

**45.6500 GYMNOSPERMEAE.**

**Seward.** 6102. Cycads: with exhibition of a rare species (*Cycas micholitzii*) acquired by the Botanic Garden [Cambridge].

**50 LOWER PALAEOZOIC.**

**50.6600 CYCADOFILICES (PTERIDOSPERMEAE).**

**Kidston.** 5754. Microsporangia of the Pteridosperms. [*Lyginodendron* and *Sphenopteris*.]

**50.7400 ALGAE ET SCHIZOPHYCEAE.**

**Rothpletz.** 6050. Algen und Hydrozoen im Silur von Gotland und Oesel.

## 55 UPPER PALAEOZOIC.

55.5000 PALAEOBOTANICA  
GENERALIS.*d* EUROPE.*dbb* Southern Russia.

Zalësskij. 6294. Contributions à la flore fossile du terrain houiller du Donetz. I. Plantes fossiles de la collection de V. Domberr. II. Plantes fossiles de l'Institut géologique de l'Université Impériale de Kharkow et du Musée du Don à Novotscherkassk. (Russe.)

——— 6295. La présence de *Mixoneura neuropteroides* Göppert avec *Neuropteris scheuchzeri* Hoffmann et *Neuropteris rarineris* Bunbury dans le terrain houiller supérieur du Donetz. (Russe.)

*dc* German Empire.

Ottermann. 5947. Die Ausbildung des Leitflöztes Mausegatt in der Wittener Hauptmulde.

*dd* Belgium.

Renier. 6027. La faune [et la flore] du terrain houiller inférieur de Baudour (Hainaut).

*df* France.

Bertrand. 5344. Végétaux houillers de Bruay.

Carpentier. 5419. Remarques sur la flore du houiller de Crespin.

*f* AFRICA.*fg* South Africa.

Seward. 6104. A collection of permo-carboniferous plants from St. Lucia (Somkele) Coalfield, Zululand, and from the Newcastle district, Natal.

*g* NORTH AMERICA.*gi* Western United States.

White. 6243. Fossil plants from the Coal Measures of Arkansas.

*e* CENTRAL AND SOUTH AMERICA.*hg* Bolivia.

Knod. 5768. Devonische Faunen Boliviens.

## 55.6500 GYMNOSPERMÆ.

*d* EUROPE.*dc* German Empire.

Schuster. 6086. Kieselhölzer der Steinkohlenformation und des Rotliegenden aus der bayerischen Rheinpfalz.

——— 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

*df* France.

Zeiller. Etude sur la flore fossile du bassin houiller et permien de Blanzy et du Creusot. Etudes des gîtes minéraux de la France. Paris, 1906.

*j* AUSTRALASIA.

Arber. Catalogue of the fossil plants of the *Glossopteris*-flora in the department of geology, British Museum (Natural History). London, 1905.

## 55.6600 CYCADOPHYTES (PTERIDOSPERMÆ).

Kidston. 5754. Microsporangia of the Pteridosperms. [*Lyginodendron* and *Sphenopteris*.]

Nathorst. 5913. The oldest seed-plants. (Swedish.)

Potonié. 5998. Abbildungen und Beschreibungen fossiler Pflanzen-Reste der palaeozoischen und mesozoischen Formationen. I fg. 3.

Zeiller. Etudes sur la flore fossile du bassin houiller et permien de Blanzy et du Creusot. Etudes des gîtes minéraux de la France. Paris, 1906.

*d* EUROPE.*dbb* Southern Russia.

Zalëssky. 6293. Vorkommen von *Mixoneura neuropteroides* Goeppert sp. in den obercarbonischen Ablagerungen des Donezbeckens.

*df* France.

Carpentier. 5418. Quelques inflorescences de *Crossotheca* trouvées dans le bassin houiller du Nord.

*dk* Austria-Hungary.

Kubart. 5781. Pflanzenversteinerungen enthaltende Knollen aus dem Ostrau-Karwiner Kohlenbecken.

## g NORTH AMERICA.

## gf United States as a whole.

**White.** 6210. The American range of the Cycadofilices.

## gg North Eastern United States.

**Peola.** 5969. Impronte vegetali del carbonifero dello Illinois (Stati Uniti di America).

## 55.6700 PTERIDOPHYTA.

**Douvillé et Zeiller.** 5541. Le terrain houiller du Sud oranais.

**Potonié.** 5998. Abbildungen und Beschreibungen fossiler Pflanzen-Reste der palaeozoischen und mesozoischen Formationen.

**Scott.** 6091. The structure and affinities of fossil plants from the Palaeozoic Rocks. V. A new type of Sphenophyllaceous Cone (*Sphenophyllum fertile*) from the lower coal-measures.

## d EUROPE.

## ddb Southern Russia.

**Zalésskij.** 6296. Végétaux fossiles du terrain carbonifère du bassin du Donetz. II. Etude sur la structure anatomique d'un *Lepidostrobus*. (Russe.)

## dc German Empire.

**Schuster.** 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

## de British Isles.

**Kidston.** 5755. The fossil plants of the carboniferous rocks of Canonbie (Dumfriesshire) and of parts of Cumberland and Northumberland.

——— 5756. A new species of *Dineuron* and of *Botryopteris* from Pettycur, Fife.

**Stopes.** 6171. A new fern from the coal measures: *Tubicaulis satcliffii*, n. sp.

## df France.

**Zeiller.** Etude sur la flore fossile du bassin houiller et permien de Blanzay et du Creusot. Etudes des gîtes minéraux de la France. Paris, 1906.

## ASIA.

## eb China and Dependencies.

**Yokoyama.** 6292. Palaeozoic plants from China.

## f AFRICA.

## fh Madagascar.

**Boule.** 5357. L'existence d'une faune et d'une flore permienne à Madagascar.

## g NORTH AMERICA.

## gg North Eastern United States.

**White.** 6241. A remarkable fossil tree trunk from the Middle Devonian of New York.

## i AUSTRALASIA.

## ie New South Wales.

**Arber.** Catalogue of the fossil plants of the *Glossopteris* flora in the Department of Geology, British Museum (Natural History). London, 1905.

## 55.7000 MUSCI ET HEPATICAE.

## e ASIA.

## eb China and Dependencies.

**Yokoyama.** 6292. Palaeozoic plants from China.

## 55.7400 ALGAE ET SCHIZOPHYCEAE.

## g NORTH AMERICA.

## gg North Eastern United States.

**Penhallow.** 5968. Some fossil plants from the Middle Devonian of Milwaukee, Wisconsin.

## 55.7700 FUNGI, BACTERIA ET MYCETOZOA.

**Schuster.** 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

## 55.7900 INCERTAE SEDIS.

**Scott & Maslen.** 6094. The structure of *Trigonocarpon olivaeforme*.

**Watson.** 6232. A 'Fern' Synangium from the lower coal-measures of Shore (Lancashire). [*Cyathotrachus*.]

## 60 MESOZOIC (GENERAL).

60.5000 PALAEOBOTANICA  
GENERALIS.

## e ASIA.

## eb China and Dependencies.

White. 6242. Age of the plant beds in the K'ui-Ch'ou basin.

Willis, Blackwelder & Sargent. 6252. Research in China. Vol. 1, Part 1. Descriptive topography and geology.

## 60.5400 DICOTYLEDONES.

## o ANTARCTIC.

ob Islands south of South  
Atlantic.

Gothan. 5637. Die fossilen Hölzer von der Seymour- und Snow Hill-Insel.

## 60.6500 GYMNOSPERMEAE.

Nathorst. 5916. Paläobotanische Mitt. 7.

## d EUROPE.

## da Sweden.

Nathorst. 5915. Paläobotanische Mitteilungen. 6. [*Antholithus zeilleri* n. sp. mit noch erhaltenen Pollenkörnern aus den rhätischen Ablagerungen Schonens.]

## o ANTARCTIC.

## ob Islands south of Atlantic.

Gothan. 5637. Die fossilen Hölzer von der Seymour- und Snow Hill-Insel.

60.6600 CYCADOFILICES  
(PTERIDOSPERMEAE.)

Nathorst. 5914. Paläobotanische Mitteilungen. 3. [*Lycostrobis scotti*, eine grosse Sporophyllähre aus den rhätischen Ablagerungen Schonens.]

## 60.6700 PTERIDOPHYTA.

## d EUROPE.

## da Sweden.

Halle. 5656. Zur Kenntnis der mesozoischen Equisetales Schwedens.

## 65 TRIASSIC.

65.5000 PALAEOBOTANICA  
GENERALIS.

Huene. 5716. Eine Zusammenstellung über die englische Trias und das Alter ihrer Fossilien.

Lomas *et alii*. 5839. Report on the investigation of the fauna and flora of the trias of the British Isles.

## 65.7000 MUSCI ET HEPATICAE.

## e ASIA.

## ec Japanese Islands.

Yabe. 6291. The genus *Gigantopteris* in Korea.

65.7900 PLANTAE INCERTAE  
SEDIS.

## d EUROPE.

## de German Empire.

Kalkowsky. 5747. Oolith und Stromatolith im norddeutschen Buntsandstein.

## 70 JURASSIC.

70.5000 PALAEOBOTANICA  
GENERALIS.

Gothan. 5636. Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste.

## d EUROPE.

## dbd Caucasus.

Seward. 6103. Jurassic plants from Caucasia and Turkestan. (Russ. and English.)

## e ASIA.

## eae Central Asiatic Russia.

Seward. 6103. Jurassic plants from Caucasia and Turkestan. (Russ. and Engl.)

## g NORTH AMERICA.

## gi Western United States.

Diller. 5521. Strata containing the Jurassic flora of Oregon.

## 70.6000 MONOCOTYLEDONES.

Lignier. 5825. Nouvelles recherches sur le *Propalmophyllum liasinum* Lignier.

## 70.6500 GYMNOSPERMEAE.

e ASIA.

eg Malay Peninsula.

Newton. 5922. Fossils from Singapore discovered by John B. Scrivenor, Geologist to the Federated Malay States.

## 70.6700 PTERIDOPHYTA.

Fliche. 5581. Sur une fructification du Lycopodiinée trouvée dans le Trias.

Salfeld. 6056. Ein neues fossiles Farnkraut aus dem Solhofer lithographischen Schiefer.

eb CHINA.

Yabe. 6289. Jurassic plants from T'ao-chia-T'un, China.

## 70.7000 MUSCI ET HEPATICAE.

e ASIA.

eb China.

Yabe. 6289. Jurassic plants from T'ao-chia-T'un, China.

## 70.7400 ALGAE ET SCHIZOPHYCEAE.

Fliche. 5580. Sur une algue fossile du sinémurien.

d EUROPE.

dh Italy.

Clerici. 5459. Ricerche microscopiche su calcari liasici di Tivoli.

## 75 CRETACEOUS.

75.5000 PALAEOBOTANICA  
GENERALIS.

Gothan. 5636. Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste.

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

## 75.5400 DICOTYLEDONES.

Nowak. 5929. Sur la flore fossile senonienne de Potylicz. (Polish.)

Oliveira Pinto. 5932. Un cas remarquable de silification.

## a THE EARTH AS A WHOLE.

Gombocz. 5626. Monographia generis *Populi*. (Hungarice.)

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

gh South Eastern United States.

Berry. 5335. A new Cretaceous *Bauhinia*.

gi Western United States.

Woodruff. 6272A. The geology of Cass county, Nebraska. [Physiography, Topography, Natural divisions, Drainage, Stratigraphy, Mineral resources, Water resources, Climate, Paleontology.]

## 75.6500 GYMNOSPERMEAE.

d EUROPE.

dh Austria-Hungary.

Menzel. 5879. Fossile Koniferen aus der Kreide- und Braunkohlenformation Nordböhmens.

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

————— 5334. Araucarian remains from the Atlantic coastal plain.

Jeffrey. 5736. *Araucariopsis*, a new genus of Araucarians.

gh South Eastern United States.

Berry. 5333. A mid-Cretaceous species of *Torreya*.

————— 5334. Some araucarian remains from the Atlantic coastal plain.

gi Western United States.

Udden. 6199. A cycad from the Upper Cretaceous in Maverick county, Texas.

## 75.6700 PTERIDOPHYTA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.



*k* **ARCTIC.***kb* **Greenland.**

**Nathorst.** 5915. Paläobotanische Mitteilungen. 5. [Über *Nathorstia* Heer.]

75.7400 **ALGAE ET SCHIZOPHYCEAE.***g* **NORTH AMERICA.***gi* **Western United States.**

**Henderson.** 5671. The sandstone of Fossil ridge in northern Colorado and its fauna.

*h* **CENTRAL AND SOUTH AMERICA.***hl* **Tierra del Fuego.**

**Steinmann.** 6156. Das Alter der Schieferformation im Feuerlande.

80 **CAENOZOIC.**80.5000 **PALAEOBOTANICA GENERALIS.**

**Gothan.** 5634. Einiges über die Flora des Tertiärs und damit Zusammenhängendes.

*d* **EUROPE.***de* **German Empire.**

**Jentzsch.** 5739. Das Alter der Samländischen Braunkohlenformation und der Senftenberger Tertiärflora.

*dk* **Austria-Hungary.**

**Pax.** 5957. Tertiärpflanzen aus Siebenbürgen.

——— Grundzüge der Pflanzenverbreitung in den Karpathen. Bd II. (Die Vegetation der Erde, hrsg. v. A[dolf] Engler und O[skar] Drude. X.

80.5400 **DICOTYLEDONES.**

**Adamovič.** 5277. Die Bedeutung des Vorkommens der Salbei in Serbien.

**Pax.** 5958. Die Tertiärflora des Zsiltales.

**Platen.** Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

*dk* **Austria-Hungary.**

**Pax.** 5956. *Bambusium sepultum* Andrä.

80.6500 **GYMNOSPERMEAE.**

**Platen.** Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

*de* **German Empire.**

**Lingelsheim.** 5830. Braunkohlenhölzer von Saarau.

*dk* **Austria-Hungary.**

**Menzel.** 5879. Fossile Koniferen aus der Kreide- und Braunkohlenformation Nordböhmens.

80.7700 **FUNGI, BACTERIA ET MYCETOZOA.**

**Platen.** Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

85 **LOWER CAENOZOIC (EOCENE, OLIGOCENE).**85.5000 **PALAEOBOTANICA GENERALIS.***d* **EUROPE.***ddb* **Southern Russia.**

**Palibin.** 5950. Ueber palaeophytologische Untersuchungen im südöstlichen Russland in den Jahren 1901-1905. (Russ.)

*dbe* **Central Russia.**

**Palibin.** 5950. Ueber palaeophytologische Untersuchungen im südöstlichen Russland in den Jahren 1901-1905. (Russ.)

*dl* **Balkan Peninsula.**

**Pax.** 5958. Die Tertiärflora des Zsiltales.

85.5400 **DICOTYLEDONES.**

**Schuster.** 6085. Ueber ein fossiles Holz aus dem Flysch des Tegeroseer Gebietes.

**Viguiet.** 6213. L'organisation et la position systématique du genre *Sezanella*.

*a* **THE EARTH AS A WHOLE.**

**Gombocz.** 5626. Monographia generis *Populi*. (Hungarice.)

*d* **EUROPE.***df* **France.**

**Combes.** 5482. Contribution à l'étude de la flore éocène. Sur un bois fossile nouveau appartenant à l'étage sparnacien.

**Fritel.** 5597. Sur la présence des genres *Salvinia*, *Nymphaea* et *Pontederia* dans les argiles sparnaciennes du Montois.

————— 5599. Revision des Myriacées fossiles du grès de Bellen.

*dh* **Italy.**

**Falqui.** Su alcune piante fossili del Miocene inferiore (Oligocene) di Zusi (Sardegna). Cagliari, 1907.

*o* **ANTARCTIC.***ob* **Seymour Island.**

**Dusén.** Über die tertiäre Flora der Seymour-Insel.

**85 6000** *MONOCOTYLEDONES.**d* **EUROPE.***de* **German Empire.**

**Schütze.** 6081. Alttertiäre Land- und Süßwasserfossilien aus dem Ries.

**85 6500** *GYMNOSPERMEAE.*

**Combes.** 5481. Sur un néotype de *Pinus* (*Pseudostrobus*) *defrancei* du Lutétien du Trocadéro (Paris).

**Dahms.** 5498. Mineralogische Untersuchungen über Bernstein. IX. Über Rumänit und Succinit.

*o* **ANTARCTIC.***ob* **Seymour Island.**

**Dusén.** 5550. Über die tertiäre Flora der Seymour-Insel.

**85.6700** *PTERIDOPHYTA.**ob* **Seymour Island.**

**Dusén.** 5550. Über die tertiäre Flora der Seymour-Insel.

**85.7000** *MUSCI ET HEPATICAE.**g* **NORTH AMERICA.***gi* **Western United States.**

**Knowlton.** 5769. New fossil liverwort from the Fort Union beds of Montana.

**85.7400** *ALGAE ET SCHIZOPHYCEAE.**d* **EUROPE.***de* **German Empire.**

**Spandel.** 6137. Der Rupelton des Mainzer Beckens, seine Abteilungen und deren Foraminiferenfauna, sowie einige weitere geologisch-paläontologische Mitteilungen über das Mainzer Becken.

*df* **France.**

**Morellet.** 5906. Découverte d'algues siphonnées dans le Thanétien de Boncourt.

**90** **UPPER CAENOZOIC (MIOCENE, PLIOCENE).****90.5000** *PALAEBOTANICA GENERALIS.**d* **EUROPE.***df* **France.**

**Marty.** 5867. Sur la flore fossile de Lugarde (Cantal).

*g* **NORTH AMERICA.***gi* **North Eastern United States.**

**Jeffrey & Chrysler.** 5738. The lignites of Brandon.

**Perkins.** 5970. The lignite or brown coal of Brandon. 2.

————— 5971. Fossils of the lignite.

*gi* **Western United States.**

**Cockerell.** 5465. Tertiary plants.

— 5466. Results of the Florissant expedition of 1908.

————— 5472. The fossil flora of Florissant, Colorado.

**90.5400** *DICOTYLEDONES.*

**Engelhardt u. Kinkel.** 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frank-

furter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**Raciborski.** 6009. Über eine fossile *Pangiumart* aus dem Miozän Javas. (Polish.)

**a THE EARTH AS A WHOLE.**

**Gombocz.** 5626. Monographia *Populi* generis. (Hungarice.)

**gg North Eastern United States.**

**Perkins.** 5971. Fossils of the lignite.

**gi Western United States.**

**Cockerell.** 5465. Tertiary plants.

————— 5466. Results of the Florissant expedition of 1908.

————— 5472. The fossil flora of Florissant, Colorado.

**90.6000 MONOCOTYLEDONES.**

**Engelhardt u. Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**gi Western United States.**

**Cockerell.** 5465. Tertiary plants.

————— 5472. The fossil flora of Florissant, Colorado.

**90.6500 GYMNOSPERMEAE.**

**Engelhardt u. Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**Koehne.** 5770. Vorweltliche und lebende Taxodien.

**Rein.** 6023. Ueber eine riesige Sumpfcypresse aus der rheinischen Braunkohle.

**dh Italy.**

**Cavara.** 5126. Avanzi di tronchi di abete bianco nello alto Appennino emiliano.

**Pampaloni.** 5951. Sopra alcune impronte di Pini fossili raccolte dal signor Antonio Biondi a Castelfari presso Montajone (Prov. di Firenze).

**g NORTH AMERICA.**

**gh South Eastern United States**

**Berry.** 5336. A Miocène cypress swamp.

**gi Western United States.**

**Cockerell.** 5465. Tertiary plants.

————— 5472. The fossil flora of Florissant, Colorado.

**90.6700 PTERIDOPHYTA.**

**gi Western United States.**

**Cockerell.** 5472. The fossil flora of Florissant, Colorado.

**90.7300 CHARACEAE.**

**gi Western United States.**

**Cockerell.** 5472. The fossil flora of Florissant, Colorado.

**90.7400 ALGAE ET SCHIZOPHYCEAE.**

**Engelhardt u. Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**90.7700 FUNGI, BACTERIA ET MYCETOZOA.**

**Engelhardt u. Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermainales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

**gi Western United States.**

**Cockerell.** 5465. Tertiary plants.

————— 5472. The fossil flora of Florissant, Colorado.

**90.7900 PLANTAE INCERTAE SEDIS.**

**d EUROPE.**

**dd Belgium.**

**Reid & Reid.** 6022. The fossil flora of Tegelen-sur-Meuse near Venloo, in the province of Limburg.

## g NORTH AMERICA.

## fg North Eastern United States.

Perkins. 5971. Fossils of the lignite.

## 95 PLEISTOCENE AND RECENT.

## 95.5000 PALAEOBOTANICA GENERALIS.

Goebel. 5624. Ueber ein neuentdecktes Torflager bei Hamburg.

Wieggers. 6246. Neue Funde paläolithischer Artefakte. 2. Aus dem Diluvium am Grossen Fallstein.

## d EUROPE.

## da Scandinavia.

Schultz. 6083. Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Skandinavians.

## dba Northern Russia.

Lindberg. 5826. Verzeichnis der in den Sümpfen und Mooren Finlands gefundenen subfossilen Pflanzen. (Schwedisch.)

——— Botanische Untersuchung von Torfgebieten in den Kirchspielen Lappo und Himola, Finland. (Schwedisch.)

## dc German Empire.

Schucht. 6080. Die interglazialen Ablagerungen von Godenstedt bei Zeven.

Schultz. 6084. Die Entwicklungsgeschichte der receneten Moore Norddeutschlands.

Stoller. 6165. Die diluviale Flora (besonders Phanerogamen) Norddeutschlands. I. Motzen, Werlte, Ohlsdorf-Hamburg.

Wangerin. 6227. Die postglaziale Pflanzengeographie und die Frage nach der Heimat der Indogermanen.

Weber. 6234. Die Moostorfschichten im Steilufer der Kurischen Nehrung zwischen Sarkau und Cranz.

Wollemann. 6270. Die Fossilien der Kalktuffe des Elms und Lappwaldes.

## dd Holland.

Baren. 5318. Vom Alter der fossilen Flora von Tegelen. (Holländisch.)

## dk Austria-Hungary.

Pax. Grundzüge der Pflanzenverbreitung in den Karpathen. Bd II. (Die Vegetation der Erde, hrsg. v. A[dolf] Engler und O[skar] Drude. X.)

## g NORTH AMERICA.

## gg North Eastern United States.

Sears. 6095. A southern flora and fauna of Post-Pleistocene age in Essex county, Massachusetts.

## 95.5400 DICOTYLEDONES.

Sukatscheff. 6177. Vorkommen der Samen von *Euryale ferox* Salisb. in einer interglazialen Ablagerung in Russland.

## a The Earth as a whole.

Gombocz. 5626. Monographia generis *Populi*. (Hungarice.)

## d EUROPE.

Stoller. 6164. Die Zeit des Aussterbens der *Brasenia purpurea* Michx. in Europa, speziell Mitteleuropa.

## de German Empire.

Wollemann. 6269. Fossile Pflanzen aus dem diluvialen Kalktuff des Fallsteins.

## 95.6000 MONOCOTYLEDONES.

## dba Northern Russia.

Lindberg. 5829. Botanische Mitteilungen. (Schwedisch.)

## 95.6500 GYMNOSPERMEAE.

Engelhardt u. Kinkelin. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klarbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

## d EUROPE.

## dc German Empire.

Brakenhoff. 5364. Der untergegangene Eibenhorst zu Ihorstermoor.

## 95.7000 MUSCI ET HEPATICAE.

Lewis. 5822. The plant remains in the Scottish peat mosses. Part II. The Scottish Highlands.

**Lewis.** 5823. The history of the Scottish peat mosses and their relation to the glacial period.

**Weber.** 6234. Die Moostorfschichten im Steilufer der Kurischen Nehrung zwischen Sarkau und Cranz.

————— 6234A. *Hypnum turgescens* Schimp. nicht auf der Kurischen Nehrung fossil.

**95.7400 ALGAE ET SCHIZOPHYCEAE.**

**Lönnerberg.** 5834. Some finds in *Litorina*-clay in Norrköping 1907. Diatoms determ. by Askid Euler. (Swedish.)

**Łoziński.** 5847. Die diluviale Seebildung im nordgalizischen Tieflande.

*dc* **German Empire.**

**Hess von Wichdorff.** 5686. Die alluvialen Kalklager in den Mooren Preussens, insbesondere die grossen Moorkalklager bei Daber Pommern.

*dh* **Italy.**

**Clerici.** 5458. Diatomee della farina calcarea raccolta presso il lago di Avigliana.

————— 5460. Analisi microscopica del calcare farinoso di S. Demetrio nei Vestini.

*i* **AUSTRALASIA.**

*ib* **Bismarek Archipelago.**

**Chapman & Mawson.** 5439. The importance of *Halimeda* as a reef-forming organism; with a description of the *Halimeda*-limestones of the New Hebrides.

## PALAEOBOTANY.

## B. BOTANICAL CLASSIFICATION.

5000 PALAEOBOTANICA  
GENERALIS.

5000.55 UPPER PALAEOZOIC.

d EUROPE.

de British Isles.

Ward. 6229. Contributions to the geology and palaeontology of North Staffordshire; Palaeontology of the Cheadle coalfield.

5400 DICOTYLEDONES.

5400.39 GENERAL.

Reiss. Über fossile Hölzer aus Japan. Diss. Leipzig, 1907.

SPECIAL.

*Alnoxyylon jezoense* n. sp. Japan. Reiss. 6025.

5400.60 MESOZOIC (GENERAL).

*Laurinoxyylon uniseriatum* n. sp. Seymour- und Snow Hill-Insel. Gothan. 5636.

*Northofagoxyylon scalariforme* n. gen. et sp. Seymour- und Snow Hill-Insel. Gothan. 5637.

5400.75 CRETACEOUS.

*Bauhinia marylandica* n. sp. S. E. United States. Berry. 5336.

*Liriodendron morghanensis* n. sp. New Jersey. Berry. 5332.

*Palinurus populiferus* n. sp. New Jersey. Berry. 5332.

*Platanuskümmelii* n. sp. New Jersey. Berry. 5332.

*Populus*. Gombocz. 5626.

*Santalum novae-caesareae* n. sp. New Jersey. Berry. 5332.

*Sterculia minima* n. sp. New Jersey. Berry. 5332.

5400.80 CAENOZOIC (TERTIARY) (GENERAL).

*Alnus stauibii* n. sp. Balkan Peninsula. Pax. 5958.

*Anacardioxyylon magniporosum* n. sp. W. United States. Platen. 5986.

*Aralinium* n. gen. et spp. W. United States. Platen. 5986.

*Bambusium sepultum*. Austria. Pax. 5956.

*Carpinoxyylon pfefferi* n. sp. W. United States. Platen. 5986.

*Cercidoxyylon* (~ *Cercis*) *zirkeli* n. gen. et sp. W. United States. Platen. 5986.

*Ebenoxyylon* nn. spp. W. United States. Platen. 5986.

*Felixia latiradata* n. gen. et sp. W. United States. Platen. 5986.

*Ficoxyylon helictoxyloides* n. sp. W. United States. Platen. 5986.

*Perseoxyylon* nn. spp. W. United States. Platen. 5986.

*Plataninium* nn. spp. W. United States. Platen. 5986.

*Pruninium gummosum* n. gen. et sp. W. United States. Platen. 5986.

*Quercinium* nn. spp. W. United States. Platen. 5986.

- Salvia*. **Adamovic**. 5277.
- Simarubiniun* n. gen. et spp. W. United States. **Platen**. 5986.
- Ulmoxylon simrothi* n. sp. W. United States. **Platen**. 5986.
- 5400.85** LOWER CAENOZOIC (EOCENE OLIGOCENE).
- Aulacoxylon sparnacense*. France. **Combes**. 5482.
- Caldcluvia mirabilis* n. sp. Seymour-Insel. **Dusén**. 5550.
- Drimys antarctica* n. sp. Seymour-Insel. **Dusén**. 5550.
- Erythrinoxylon*. Sardegna, Oligocene. **Falqui**. 5572.
- Fagus obscura* n. sp. **Dusén**. 5550.
- Knightia andreae* n. sp. Seymour-Insel. **Dusén**. 5550.
- Laurelia insularis* n. sp. Seymour-Insel. **Dusén**. 5550.
- Lauriphyllum nordenskjöldii* n. sp. Seymour-Insel. **Dusén**. 5550.
- Lomatia* nn. spp. Seymour-Insel. **Dusén**. 5550.
- Miconiiphyllum australe* n. sp. Seymour-Insel. **Dusén**. 5550.
- Mollinedia seymourensis* n. sp. **Dusén**. 5550.
- Myriaceae*. France. **Fritel**. 5599.
- Myrica nordenskjöldii* n. sp. **Dusén**. 5550.
- Northofagus pulchra* n. sp. Seymour-Insel. **Dusén**. 5550.
- Nymphaea*. France. **Fritel**. 5597.
- Ocoteoxylon tigurinum* n. sp. Bavaria. **Schuster**. 6085.
- Populus*. **Gombocz**. 5626.
- Robinioxylon*. Sardegna, Oligocene. **Falqui**. 5572.
- 5400.90** UPPER CAENOZOIC (MIOCENE, PLIOCENE).
- Acer* nn. spp. **Cockerell**. 5465.
- Acerates* n. sp. **Cockerell**. 5466.
- Ailanthus americana* n. sp. W. United States, Miocene. **Cockerell**. 5465.
- Alnus praecordata* n. nom. **Cockerell**. 5472.
- Amelanchier peritula* n. sp. **Cockerell**. 5472.
- Andromeda scudleriana* n. nom. **Cockerell**. 5472.
- Anona spoliata* n. sp. W. United States, Miocene. **Cockerell**. 5465.
- Aristolochia mortua* n. sp. **Cockerell**. 5472.
- *pliocaenica* n. sp. Germany. **Engelhardt** u. **Kinkelin**. 5564.
- Aster florissantia* n. sp. **Cockerell**. 5472.
- Bicarpellites* nn. spp. **Perkins**. 5971.
- Brasenia pliocaenica* n. sp. Germany. **Engelhardt** u. **Kinkelin**. 5564.
- Buettneria* (?) *perplezans* n. sp. **Cockerell**. 5472.
- Castanea dolichophylla* n. sp. **Cockerell**. 5472.
- Cicer inflatum* n. sp. Germany. **Engelhardt** u. **Kinkelin**. 5564.
- Crataegus newberryi* n. nom. **Cockerell**. 5472.
- Diospyros princectonia* n. sp. **Cockerell**. 5472.
- Elaeodendroxylon* n. gen. et sp. W. United States. **Platen**. 5986.
- Fagara* (?) *delicatula* n. sp. **Cockerell**. 5472.
- Ficus* nn. spp. et nom. **Cockerell**. 5472.
- Fraxinus palaeophila* n. sp. **Cockerell**. 5472.
- Heracleites möbiusi* n. sp. Germany. **Engelhardt** u. **Kinkelin**. 5564.
- Hicoria princectonia* n. nom. **Cockerell**. 5472.
- Hicoroides levis* n. sp. **Perkins**. 5971.
- Hydrangea florissantia* n. sp. **Cockerell**. 5465.
- (?) *subincerta* n. sp. **Cockerell**. 5472.
- Juglans leonis* n. nom. W. United States, Miocene. **Cockerell**. 5465.
- Juglans* (?) *sepultus* n. sp. **Cockerell**. 5472.
- Lescuria attenuata* n. gen. et sp. **Perkins**. 5971.
- Leucaena coloradensis* n. sp. **Cockerell**. 5472.

- Liquidambar concavum* n. sp. **Cockerell.** 5472. *Quercus* nn. spp. **Cockerell.** 5472.
- Melia* (?) *expulsa* n. sp. **Cockerell.** 5472. ——— *knowltoniana* n. sp. W. United States, Miocene. **Cockerell.** 5465.
- Melothria* (?) *coloradensis* n. sp. **Cockerell.** 5472. *Rhamnus florissantensis* n. nom. **Cockerell.** 5472.
- Menyanthes coloradensis* n. sp. W. United States, Miocene. **Cockerell.** 5465. *Rhus mensae* n. nom. W. United States, Miocene. **Cockerell.** 5465.
- Mimulus saxorum* n. sp. **Cockerell.** 5472. *Ribes protomelacnum* n. sp. **Cockerell.** 5472.
- Monocarpellites* nn. spp. **Perkins.** 5971. *Robinia brittoni* n. sp. W. United States, Miocene. **Cockerell.** 5465.
- Morus symmetrica* n. sp. **Cockerell.** 5472. *Rosa ruskiniana* n. sp. W. United States, Miocene. **Cockerell.** 5465.
- Myrica wolffi* n. sp. Germany. **Engelhardt** u. **Kinkel.** 5564. ——— *wilmattae* n. sp. **Cockerell.** 5472.
- Myrsine laminarum* n. nom. **Cockerell.** 5472. *Salix merriami* n. nom. W. United States, Miocene. **Cockerell.** 5465.
- Nyssa* nn. spp. **Perkins.** 5971. ——— *ramaleyi rohweri* n. var. **Cockerell.** 5472.
- Olostemon florissantensis* n. sp. **Cockerell.** 5472. *Sambucus newtoni* n. sp. W. United States, Miocene. **Cockerell.** 5465.
- Oxypholis destructus* n. sp. **Cockerell.** 5472. *Sapindoides urceolatus.* **Perkins.** 5971.
- Pachistima* (?) *integra* n. sp. **Cockerell.** 5472. *Sapindus* nn. spp. **Cockerell.** 5472.
- Palinurus haydeni* n. nom. **Cockerell.** 5472. *Saxifraga* (?) *peritula* n. sp. **Cockerell.** 5472.
- Panax andrewsii* n. sp. **Cockerell.** 5465. *Sicyos* (?) *florissantia* n. sp. **Cockerell.** 5472.
- Pangium.* Java. **Raciborski.** 6009. *Sorbus megaphylla* n. sp. **Cockerell.** 5472.
- Parthenocissus osborni* n. sp. **Cockerell.** 5472. *Staphylea pliocaenica* n. sp. Germany. **Engelhardt** u. **Kinkel.** 5564.
- Persea coloradica* n. sp. **Cockerell.** 5472. *Tricarpellites* nn. spp. **Perkins.** 5971.
- Placa wilmattae.* **Cockerell.** 5465. *Viborquia nigrostipellata* n. sp. **Cockerell.** 5472.
- Philadelphus pataeophilus* n. sp. **Cockerell.** 5472. *Vitis* n. nom. et sp. **Cockerell.** 5472.
- Planera myricaefolia* n. comb. **Cockerell.** 5472. ——— nn. spp. Germany. **Engelhardt** u. **Kinkel.** 5564.
- Polygonum minimum* n. sp. Germany. **Engelhardt** u. **Kinkel.** 5564. *Weinmannia* nn. sp. comb. et nom. **Cockerell.** 5472.
- Populus.* **Gombocz.** 5626. **5400-95** **PLEISTOCENE AND RECENT.**
- Populus* nn. comb. et sp. **Cockerell.** 5472. *Brasenia purpurea.* Europe. **Stoller.** 6161.
- Prunoides inequalis.* **Perkins.** 5971. *Buryale ferox.* **Sukatscheff.** 6177.
- Prunus askenasyi* n. sp. Germany. **Engelhardt** u. **Kinkel.** 5564. *Populus.* **Gombocz.** 5626.
- Ptelea modesta* n. sp. (?) **Cockerell.** 5472.



## 6000 MONOCOTYLEDONES.

## 6000.70 JURASSIC.

*Propalmophyllum liasinum*. Lignier. 5825.

## 6000.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

*Pontederia*. France. Fritel. 5597.

## 6000.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

*Juncus crassulus* n. sp. Cockerell. 5472.

*Limnobiium obliteratum* n. sp. Cockerell. 5465.

*Potamogeton pliocenicum* n. sp. Germany. Engelhardt u. Kinkel. 5564.

*Stipa laminarum* n. sp. Cockerell. 5472.

*Typha moenana* n. sp. Germany. Engelhardt u. Kinkel. 5564.

## 6500 GYMNOSPERMEAE.

## 6500.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

*Ginkgo*. Salfeld. 6057.

*Piceoxylon pseudotsugae* n. sp. Potonié. 5998.

## 6500.39 GENERAL.

Reiss. Über fossile Hölzer aus Japan. Diss. Leipzig, 1907.

*Araucarieae*. Seward & Ford. 6105.

## SPECIAL.

*Cedroxylon inaequale* n. sp. Japan. Reiss. 6025.

*Cupressoxylon podocarpoides* n. sp. Japan. Reiss. 6025.

*Pityoxylon jimboi* n. sp. Japan. Reiss. 6025.

## 6500.45 PALAEOZOIC GENERAL.

*Cycas micholitzii*. Seward. 6102.

## 6500.55 UPPER PALAEOZOIC.

*Araucarites delafondi* n. sp. France. Zeiller. 6298.

*Cardiocarpus debaltzevicensis* n. sp. Donetz. Zälësskij. 6295.

(K-4794)

*Cordaicarpus planus* n. sp. Dumfriesshire. Kidston. 5755.

*Cordaites hislopi*. S. Africa. Seward. 6104.

*Dadoxylon australe* n. sp. Australia. Arber. 5299.

———— *schrölium* n. sp. Rheinpfalz. Schuster. 6086.

*Gomphostrobus reisi* n. sp. Germany. Schuster. 6087.

*Rhabdocarpus curvatus* n. sp. Dumfriesshire. Kidston. 5755.

*Walchia schneideri* n. sp. France. Zeiller. 6298.

## 6500.60 MESOZOIC (GENERAL).

*Antholithus zelleri* n. sp. Scandinavia. Nathorst. 5915.

*Dadoxylon (Araucaria) pseudoparenchymatosum* n. sp. Seymour- und Snow Hill-Insel. Gothan. 5637.

*Palaeotaxus*. Nathorst. 5916.

*Palissya*. Nathorst. 5916.

*Phyllocladoxylon antarcticum* n. sp. Seymour- und Snow Hill-Insel. Gothan. 5637.

*Podocarpoxylon aparenchymatosum* n. sp. Seymour- und Snow Hill-Insel. Gothan. 5637.

*Stachyotaxus*. Nathorst. 5916.

## 6500.70 JURASSIC.

*Baiera*. Caucasus and Turkestan. Seward. 6103.

*Brachyphyllum*. Caucasus and Turkestan. Seward. 6103.

*Czekanowskia rigida*. Caucasus and Turkestan. Seward. 6103.

*Ginkgo*. Caucasus and Turkestan. Seward. 6103.

*Nilssonia*. Caucasus and Turkestan. Seward. 6103.

*Pagiophyllum*. Caucasus and Turkestan. Seward. 6103.

*Phoenicopsis angustifolia*. Caucasus and Turkestan. Seward. 6103.

*Pityophyllum longifolium*. Caucasus and Turkestan. Seward. 6103.

*Podozamites*. Caucasus and Turkestan. Seward. 6103.

*Otozamites*. Caucasus and Turkestan. **Seward**. 6103.

*Schizolepis moelleri* n. sp. Caucasus and Turkestan. **Seward**. 6103.

*Williamsonia pecten*. Caucasus and Turkestan. **Seward**. 6103.

*Zamites weberi* n. sp. Caucasus and Turkestan. **Seward**. 6103.

### 6500.75 CRETACEOUS.

*Araucaria* nn. spp. **Berry**. 5334.

[*Araucariopitys* n. gen.] **Jeffrey**. 5736.

*Araucarites zeileri* n. sp. **Berry**. 5334.

*Cycadaceae*. Texas. **Udden**. 6199.

*Picea cliffwoodensis* n. sp. New Jersey. **Berry**. 5332.

*Pinus macrostrobilina* n. sp. Nordböhmen. **Menzel**. 5879.

*Tumion carolinianum* n. sp. **Berry**. 5333.

### 6500.80 CAENOZOIC (TERTIARY) (GENERAL).

*Araucarioxylon arizonicum* var. *neogarum* n. var. W. United States. **Platen**. 5986.

*Phyzematopitys goepperti*. W. United States. **Platen**. 5986.

*Pityoxylon* nn. spp. W. United States. **Platen**. 5986.

*Taxodioxylon credneri* n. sp. W. United States. 5986.

### 6500.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

*Araucaria imponens* n. sp. Seymour Insel. **Dusén**. 5550.

*Pinus (Pseudostrobus) defrancei*. **Combes**. 5481.

### 6500.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

*Abies alba*. Italy. Cavara. 5426.

*Cephalotaxus* nn. spp. Germany. **Engelhardt** u. **Kinkel**. 5564.

*Cupressus*. Virginia. **Berry**. 5336.

*Heyderia coloradensis* n. sp. **Cockerell**. 5472.

*Libocedrus plicata* n. sp. Germany. **Engelhardt** u. **Kinkel**. 5564.

*Pinus* nn. spp. et ff. Germany. **Engelhardt** u. **Kinkel**. 5564.

———— nn. spp. Firenze. **Pampaloni**. 5951.

———— *sturgisi* n. sp. W. United States, Miocene. **Cockerell**. 5465.

———— *wheeleri* n. sp. **Cockerell**. 5472.

*Taxodium*. **Koehne**. 5770.

———— *distichum*. Germany. **Rein**. 6023.

### 6500.95 PLEISTOCENE AND RECENT.

*Taxus baccata*. Germany. **Brakenhoff**. 5364.

### 6600 CYCADOFILICES (PTERIDOSPERMEAE).

#### 6600.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

*Taxospermum angulosum*. **Bertrand**. 5339.

#### 6600.39 GENERAL.

*Cycadinocarpus augustodunensis*. **Bertrand**. 5340.

*Leptocaryon*. **Bertrand**. 5338.

*Taxospermum*. **Bertrand**. 5337.

#### 6600.50 LOWER PALAEOZOIC.

*Lyginodendron*. **Kidston**. 5754.

*Sphenopteris*. **Kidston**. 5754.

#### 6600.55 UPPER PALAEOZOIC.

*Lyginodendron*. **Kidston**. 5754.

*Sphenopteris*. **Kidston**. 5754.

#### 6600.55 UPPER PALAEOZOIC. GENERAL.

**Kubart**. 5781. Pflanzenversteinerungen enthaltende Knollen aus dem Ostrau-Karwiner Kohlenbecken.

#### SPECIAL.

*Alethopteris* nn. spp. France. **Zeiller**. 6298.

*Alethopteris* nn. spp. Russia.  
Zalésskij. 6294.

*Callipteris raymondi* n. sp. France.  
Zeiller. 6298.

*Crossotheca*. France. Carpentier.  
5418.

*Cycadofilices*. United States. White.  
6240.

*Mixoneura*. Donetz. Zalésskij. 6295.

———— *neuropteroides*. S. Russia.  
Zalésskij. 6293.

———— *obliqua*. Russia. Zalésskij.  
6294.

*Neuropteris*. Russia. Zalésskij.  
6294, 6295

*Ovopteris pectopteroides* n. sp. Potonié.  
5998.

### 6600.60 MESOZOIC (GENERAL).

*Lycostrobus scotti*. Scandinavia.  
Nathorst. 5914.

### 6700 PTERIDOPHYTA.

#### 6700.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Kidston & Gwynne-Vaughan. 5757.  
Fossil Osmundaceae. II.

#### 6700.39 GENERAL.

Jeffery. 5737. Are there foliar gaps  
in the Lycopsida?

#### SPECIAL.

*Botroledendron punctatum*. Rémer.  
6026.

*Caulopteris*. Pelourde. 5964.

*Clepsydropsis*. Bertrand. 5342.

*Equisetaceae*. Fritel et Viguier. 5600.

*Gyropteris*. Bertrand. 5341.

*Lepidostrobos brownei*. Zeiller. 6299.

*Psaronicaulon*. Pelourde. 5964.

*Psaronius*. Pelourde. 5964.

*Sphenophyllales*. Lignier. 5824.

*Tubicaulis*. Bertrand. 5341.

#### 6700.55 UPPER PALAEOZOIC.

*Annularia*. Russia. Zalésskij. 6294,  
6295.

———— *sphenophylloides* var. *inter-*  
*media* n. var. Peola. 5969.

(K-1794)

*Aphlebia dissoluta* n. sp. Potonié.  
5998.

———— *fasciculata* n. sp. France.  
Zeiller. 6298.

White. 6241. *Archaeosigillaria*.

*Asterophyllites*. Russia. Zalésskij.  
6294.

———— *axillaris* n. sp. Germany.  
Schuster. 6087.

*Botroledendron*. Russia. Zalésskij.  
6294.

———— *kilstoni*. S. Africa.  
Seward. 6104.

*Botryopteris antiqua* n. sp. Fife.  
Kidston. 5756.

*Calamites*. Russia. Zalésskij. 6294.

———— *suekovi*. Russia. Zalésskij.  
6294.

*Callipteridium pteridium*. Russia.  
Zalésskij. 6294.

*Callipteris scheibei* n. sp. Potonié.  
5998.

*Caulopteris grandis* n. sp. France.  
Zeiller. 6298.

———— *sterzeli* n. sp. Donetz.  
Zalésskij. 6295.

*Crossotheca lughesiana* n. sp.  
Kidston. 5754.

*Cyclopteris orbicularis*. Russia.  
Zalésskij. 6294.

———— *pinna* n. sp. Germany.  
Schuster. 6087.

*Desmopteris* nn. spp. Potonié. 5998.

*Diplotmema*. Russia. Zalésskij. 6294.

*Dineuron ellipticum* n. sp. Fife.  
Kidston. 5756.

*Equisetum kilstoni*. Russia. Zalésskij.  
6294.

*Eremopteris (Diplotmema?) missouri-*  
*ensis*. Russia. Zalésskij. 6294.

*Eskdalia minuta* n. gen. et sp. Dum-  
friesshire. Kidston. 5755.

*Glossopteris*. S. Africa. Seward. 6104.

*Lepidodendron*. Russia. Zalésskij.  
6294.

*Lepidophloios laricinus*. Russia.  
Zalésskij. 6294.

*Lepidophyllum lanceolatum*. Russia.  
Zalésskij. 6294.

- Lepidostrobus bertrandi* n. sp. Donetz. **Zalésskij.** 6296.
- *variabilis*. Russia. **Zalésskij.** 6294.
- Linopteris*. Russia. **Zalésskij.** 6294.
- *obliqua*. **Zalésskij.** 6295.
- Mariopteris*. **Zalésskij.** 6294.
- Odontopteris thimfeldioides* n. sp. Germany. **Schuster.** 6087.
- Palaeostachya domherri* n. sp. Russia. **Zalésskij.** 6294.
- *ctingshauseni* n. sp. Norfolk. **Kidston.** 5755.
- Palmatopteris furcata*. Russia. **Zalésskij.** 6294.
- Pecopteris*. Russia. **Zalésskij.** 6294, 6295.
- *attenuata* n. sp. Germany. **Schuster.** 6087.
- Phyllothea etheridgei* n. sp. New South Wales. **Arber.** 5299.
- *zeilleri*. S. Africa. **Seward.** 6104.
- Pinakodendron macconochiei* n. sp. Dumfriesshire. **Kidston.** 5755.
- Poacoidaites gracilifolius*. Russia. **Zalésskij.** 6294.
- Protolepidodendreae* n. fam. **White.** 6241.
- Protolepidodendron*. **White.** 6241.
- Radicites capillacea*. Russia. **Zalésskij.** 6294.
- Selaginellites saissii* n. sp. France. **Zeiller.** 6298.
- Sigillaria*. Russia. **Zalésskij.** 6294.
- *canabiana* n. sp. Dumfriesshire. **Kidston.** 5755.
- Sphenophyllum*. Russia. **Zalésskij.** 6294, 6295.
- *fertile*. **Scott.** 6091.
- *gehleri* n. sp. Russia. **Zalésskij.** 6294.
- Russia. **Zalésskij.** 6294.
- Stigmara ficosides*. Russia. **Zalésskij.** 6294.
- (*Stigmariopsis*) *rimosiformis* n. sp. Dumfriesshire. **Kidston.** 5755.
- Tubicaulis satcliffii* n. sp. **Stopes.** 6171.
- Uropteris ammonis* n. gen. et sp. Germany. **Schuster.** 6087.
- Vertebraria indica*. S. Africa. **Seward.** 6104.
- 6700.60 MESOZOIC (GENERAL).**
- Equisetites* nn. spp. Schweden. **Halle.** 5656.
- Neocalamites* n. gen. Schweden. **Halle.** 5656.
- 6700.70 JURASSIC.**
- Cladophlebis* n. sp. Caucasus and Turkestan. **Seward.** 6103.
- Clathropteris meniscoides*. Caucasus and Turkestan. **Seward.** 6103.
- Coniopteris*. Caucasus and Turkestan. **Seward.** 6103.
- Equisetites ferganensis* n. sp. Caucasus and Turkestan. **Seward.** 6103.
- Klukia exilis*. Caucasus and Turkestan. **Seward.** 6103.
- Lycopodiaceae*. **Fliche.** 5581.
- Mavattiopsis muensteri*. Caucasus and Turkestan. **Seward.** 6103.
- Sphenopteris*. Caucasus and Turkestan. **Seward.** 6103.
- Taeniopteris*. Caucasus and Turkestan. **Seward.** 6103.
- Thimfeldia*. Caucasus and Turkestan. **Seward.** 6103.
- Ungeria solnhofensis* n. gen. et sp. **Salfeld.** 6056.
- 6700.75 CRETACEOUS.**
- Heterofilicites anceps* n. gen. et sp. New Jersey. **Berry.** 5332.
- Nathorstia* Heer. Greenland. **Nathorst.** 5915.
- 6700.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).**
- Alsophila antarctica* Christ. n. sp. Seymour Insel. **Dusén.** 5550.
- Asplenium antarcticum* n. sp. **Dusén.** 5550.
- Drypteris* nn. spp. **Dusén.** 5550.
- Polypodium* nn. spp. Seymour-Insel. **Dusén.** 5550.
- Salvinia*. France. **Fritel.** 5597.
- Taeniopteris* nn. spp. Seymour-Insel. **Dusén.** 5550.

6700.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).*Anemia* (?) *gracillima* n. comb.  
Cockerell. 5472.*Dryopteris seansa* n. sp. Cockerell.  
5472.*Onoclea reducta* n. sp. Cockerell.  
5472.*Pellaea antiquella* n. sp. Cockerell.  
5472.*Phegopteris guyottii* n. comb.  
Cockerell. 5472.*Woodwardia florissantia* n. sp.  
Cockerell. 5472.

## 7000 MUSCI ET HEPATICAE.

## 7000.65 TRIASSIC.

*Gigantopteris*. Korea. Yabe. 6291.7000.85 LOWER CAENOZOIC  
(EOCENE).*Marchantia peatei* n. sp. Knowlton.  
5769.

## 7300 CHARACEAE.

7300.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).*Chara peritula* n. sp. Cockerell.  
5472.7000.95 PLEISTOCENE AND  
RECENT.*Hypnum turgescens* n. sp. Kurische  
Nehrung. Weber. 6235.7400 ALGAE ET SCHIZO-  
PHYCEAE.

## 7400.50 LOWER PALAEOZOIC.

*Solenopora gotlandica* n. sp. Gotland.  
Rothpletz. 6050.*Sphaerocodium gotlandicum* n. sp.  
Gotland. Rothpletz. 6050.7400.55 UPPER PALAEOZOIC.  
GENERAL.Penhallow. 5968. Some fossil plants  
from the Middle Devonian of Milwaukee,  
Wisconsin.

## SPECIAL.

*Fucus berthelotensis* n. sp. Penhallow.  
5968.*Nematophyeus milwaukeeensis* n. sp.  
Penhallow. 5968.

## 7400.70 JURASSIC.

## GENERAL.

Clerici. 5459. Ricerche microscopiche  
su alcuni calcari liasici di Tivoli.

## SPECIAL.

*Liasophyeus scythothalioidea* n. sp.  
Fliche. 5580.7400.85 LOWER CAENOZOIC  
(EOCENE, OLIGOCENE).*Haploporella kinkelini* n. sp. Ger-  
many. Spandel. 6137.7400.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).*Alyacites caulerpoides* n. sp. Germany.  
Engelhardt u. Kinkel. 5564.*Caulerpites tertiaria* n. sp. Germany.  
Engelhardt u. Kinkel. 5564.7400.95 PLEISTOCENE AND  
RECENT.

## GENERAL.

Clerici. 5458. Diatomee della farina  
calcarea raccolta presso il lago di  
Avigliana.Clerici. 5460. Analisi microscopica  
del calcare farinoso di S. Demetrio nei  
Vestini.

## SPECIAL.

*Halimeda*. New Hebrides. Chap-  
man & Mawson. 5439.7700 FUNGI, BACTERIA ET  
MYCETOZOA.

## 7700.55 UPPER PALAEOZOIC.

*Sphaerites carbonarius* n. sp. Ger-  
many. Schuster. 6087.7700.80 CAENOZOIC (TERTIARY)  
(GENERAL).*Agaricites comcentzi* n. sp. W.  
United States. Platen. 5986.

7700 90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).*Didymosphaeria betheli* n. sp.  
Cockerell. 5472.*Geaster florissantensis* n. sp. W.  
United States, Miocene. Cockerell.  
5465.*Hysterium eypri* n. sp. Germany.  
Engelhardt u. Kinkelin. 5561.*Rhytisma ulmi* n. sp. Germany.  
Engelhardt u. Kinkelin. 5564.*Sphaeria luxi* n. sp. Germany.  
Engelhardt u. Kinkelin. 5564.7900 PLANTAE INCERTAE  
SEDIS.7900.55 UPPER PALAEOZOIC.  
*Cyathotrachus*. England. Watson.  
6232.*Trigonocarpon olivaceforme*. Scott &  
Maslen. 6094.7900.90 UPPER CAENOZOIC  
(MIOCENE, PLIOCENE).GENERAL.  
Plantae incertae sedis (23). Reid &  
Reid. 6022.SPECIAL.  
*Staphidoides* n. gen. et spp. Perkins.  
5971.

## LIST OF NEW GENERA AND SPECIES.

## 5400 DICOTYLEDONS.

- ACER [Aceraceae].  
 ——— *florigerum*. Cockerell. 5465.  
 ——— *perditum*. Cockerell. 5465.
- ACERATES [Asclepiadaceae].  
 ——— *fructifer*. Cockerell. 5465.
- AILANTHUS [Simarubaceae].  
 ——— *americana*. Cockerell. 5465.
- ALNOXYLON [Incert. Sed.].  
 ——— *jezoense*. Reiss. 6025.
- ALNUS [Betulaceae].  
 ——— *praeordata* n. nom.  
           Cockerell. 5472.
- AMELANCHIER [Malaceae].  
 ——— *peritula*. Cockerell. 5472.
- ANACARDIOXYLON [Anacardiaceae].  
 ——— *magniporosum*. Platen. 5986.
- ANDROMEDA [Ericaceae].  
 ——— *seudderiana* n. nom.  
           Cockerell. 5472.
- ANONA [Anonaceae].  
 ——— *spoliata*. Cockerell. 5465.
- Aralinium** n. gen. [Araliaceae]. Platen. 5986.  
 ——— *excellens*. Platen. 5986.  
 ——— *lindgreni*. Platen. 5986.  
 ——— *multiradiatum*. Platen. 5986.  
 ——— *parenchymaticum*. Platen. 5986.
- ARISTOLOCHIA [Aristolochiaceae].  
 ——— *mortua*. Cockerell. 5472.  
 ——— *pliocaenica*. Kinkelin. 5564.
- ASTER [Compositae].  
 ——— *florissantia*. Cockerell. 5472.
- AULACONYLON [Incert. Sed.].  
 ——— *sparnacense*. Combes. 5482.
- BICARPELLITES [Juglandaceae].  
 ——— *abbreviatus*. Perkins. 5971.  
 ——— *attenuatus*. Perkins. 5971.
- [Juglandaceae].  
 ——— *bicarinatus*. Perkins. 5971.  
 ——— *brevis*. Perkins. 5971.  
 ——— *carinatus*. Perkins. 5971.  
 ——— *crassus*. Perkins. 5971.  
 ——— *crateriformis*. Perkins. 5971.  
 ——— *inequalis*. Perkins. 5971.  
 ——— *lanceolatus*. Perkins. 5971.  
 ——— *latus*. Perkins. 5971.  
 ——— *major*. Perkins. 5971.  
 ——— *medius*. Perkins. 5971.  
 ——— *ovatus*. Perkins. 5971.  
 ——— *capillosus*. Perkins. 5971.  
 ——— *parrvus*. Perkins. 5971.  
 ——— *quadrangulatus*. Perkins. 5971.  
 ——— *quadratus*. Perkins. 5971.  
 ——— *solidus*. Perkins. 5971.  
 ——— *sulcatus*. Perkins. 5971.
- BRASENIA [Nymphaeaceae].  
 ——— *pliocaenica*. Kinkelin. 5564.
- BUETTNERIA [Sterculiaceae].  
 ——— *perplexans*. Cockerell. 5472.
- BAUHINIA [Caesalpiniaceae].  
 ——— *marylandica*. Berry. 5335.
- CALDCLUVIA [Saxifrageae].  
 ——— *mirabilis*. Dusén. 5550.
- CARPINOXYLON [Cupuliferae].  
 ——— *pfefferi*. Platen. 5986.
- CASTANEA [Fagaceae].  
 ——— *dolichophylla*. Cockerell. 5472.
- Cercidoxylon** n. gen. [Leguminosae].  
 Platen. 5986.  
 ——— *zirkeli*. Platen. 5986.
- CICER [Papilionaceae].  
 ——— *inflatum*. Kinkelin. 5564.
- CRATAEGUS [Malaceae].  
 ——— *newberryi*. Cockerell. 5472.
- DIOSPYROS [Ebenaceae].  
 ——— *princetonia*. Cockerell. 5472.

- DRIMYS [Magnoliaceae].  
 ——— *antarctica*. Dusén. 5550.
- EBENOXYLON [Ebenaceae].  
 ——— *boreale*. Platen. 5986.  
 ——— *speciosum*. Platen. 5986.
- Elaeodendroxylon** n. gen. [Celastrineae].  
 Platen. 5986.  
 ——— *polymorphum*. Platen. 5986.
- FAGARA [Rutaceae].  
 ——— *delicatula*. Cockerell. 5472.
- FAGUS [Cupuliferae].  
 ——— *obscura*. Dusén. 5550.  
**elixia** n. gen. [Leguminosae]. Platen.  
 5986.  
 ——— *latiradiata*. Platen. 5986.
- FICOXYLON [Urticaceae].  
 ——— *helictoxyloides*. Platen. 5986.
- FICUS [Moraceae].  
 ——— *arenaceaeformis*. Cockerell.  
 5472.  
 ——— *florissantella*. Cockerell.  
 5472.  
 ——— *navicularis* n. nom. Cockerell.  
 5472.
- FRAXINUS [Oleaceae].  
 ——— *palaephila*. Cockerell. 5472.
- HERACLEITES [Umbelliferae].  
 ——— *möbiusi*. Kinkelin. 5564.
- HICORIA [Juglandaceae].  
 ——— *princetonia* n. nom. Cockerell.  
 5472.
- HICOROIDES [Juglandaceae].  
 ——— *levis*. Perkins. 5971.
- HYDRANGEA [Saxifragaceae].  
 ——— *florissantia*. Cockerell. 5465.  
 ——— *subincerta*. Cockerell. 5472.
- JUGLANS [Juglandaceae].  
 ——— *lewisii* n. nom. Cockerell.  
 5465.  
 ——— *sepultus*. Cockerell. 5472.
- KNIGHTIA [Proteaceae].  
 ——— *andreae*. Dusén. 5550.
- LAURELIA [Monimiaceae].  
 ——— *insularis*. Dusén. 5550.
- LAURINOXYLON [Laurineae].  
 ——— *wisnerianum*. Gothan. 5637.
- LAURIPHYLLUM [Lauraceae].  
 ——— *nordenskjöldii*. Dusén.  
 5550.
- Lescuria** n. gen. [Cornaceae]. Perkins.  
 5971.  
 ——— *attenuata*. Perkins. 5971.
- LEUCAENA [Mimosaceae].  
 ——— *coloradensis*. Cockerell. 5472.
- LIQUIDAMBAR [Hamamelidaceae].  
 ——— *convexum*. Cockerell. 5472.
- LIRIOPENDRON [Magnoliaceae].  
 ——— *morgauensis*. Berry. 5332.
- LOMATIA [Proteaceae].  
 ——— *angustiloba*. Dusén. 5550.  
 ——— *brevipinna*. Dusén. 5550.  
 ——— *serrulata*. Dusén. 5550.  
 ——— *seymourensis*. Dusén. 5550.
- MELIA [Meliaceae].  
 ——— *expulsa*. Cockerell. 5472.
- MELOTHRIA [Cucurbitaceae].  
 ——— *coloradensis*. Cockerell. 5472.
- MENYANTHES [Gentianaceae].  
 ——— *coloradensis*. Cockerell. 5465.
- MICONIOPHYLLUM [Melastomaceae].  
 ——— *australe*. Dusén. 5550.
- MIMULUS [Scrophulariaceae].  
 ——— *saxorum*. Cockerell. 5472.
- MOLLINEDIA [Monimiaceae].  
 ——— *seymourensis*. Dusén. 5550.
- MONOCARPELLITES [Juglandaceae].  
 ——— *amygdaoidus*. Perkins. 5971.  
 ——— *multicostatus*. Perkins. 5971.  
 ——— *pruniformis*. Perkins. 5971.
- MORUS [Moraceae].  
 ——— *symmetrica*. Cockerell. 5472.
- MYRICA [Myricaceae].  
 ——— *nordenskjöldii*. Dusén. 5550.  
 ——— *wolffi*. Kinkelin. 5564.
- MYRSINE [Myrsinaceae].  
 ——— *laminarum* n. nom. Cockerell.  
 5472.
- Nothofagoxylon** n. gen. [Cupulifera].  
 Gothan. 5637.  
 ——— *scalariforme*. Gothan. 5637.
- NOTHOFAGUS [Cupuliferae].  
 ——— *pulchra*. Dusén. 5550.
- NYSSA [Cornaceae].  
 ——— *acuticostata*. Perkins. 5971.  
 ——— *ovalis*. Perkins. 5971.
- OCOTEOXYLON [Laurineae].  
 ——— *tigarinum*. Schuster. 6085.
- ODOSTEMON [Berberidaceae].  
 ——— *florissantensis*. Cockerell.  
 5472.
- OXYPOLIS [Umbelliferae].  
 ——— *destructus*. Cockerell. 5472.
- PACHISTIMA [Celastraceae].  
 ——— *integra*. Cockerell. 5472.



- PALIURUS** [Rhamnaceae].  
 ——— *haydeni* n. nom. Cockerell.  
     5472.  
 ——— *populiferus*. Berry. 5332.
- PANAX** [Araliaceae].  
 ——— *andrewsii*. Cockerell. 5465.
- PARTHENOCEISSUS** [Vitaceae].  
 ——— *osborni*. Cockerell. 5472.
- PERSEA** [Lauraceae].  
 ——— *coloradica*. Cockerell. 5472.
- PERSEOXYLON** [Laurineae].  
 ——— *californicum*. Platen. 5986.  
 ——— *eberi*. Platen. 5986.
- PIACA** [Leguminosae].  
 ——— *wilmattae*. Cockerell. 5465.
- PHILADELPHUS** [Hydrangeaceae].  
 ——— *palaophilus*. Cockerell. 5472.
- PLANERA** [Ulmaceae].  
 ——— *myricaeifolia* n. comb.  
     Cockerell. 5472.
- PLATANINUM** [Platanaceae].  
 ——— *crystallophilum*. Platen.  
     5986.  
 ——— *knocltoni*. Platen. 5986.  
 ——— *pacificum*. Platen. 5986.
- PLATANUS** [Platanaceae].  
 ——— *kümmelii*. Berry. 5332.
- POLYGONUM** [Polygonaceae].  
 ——— *minimum*. Kinkelin. 5564.
- POPULUS** [Salicaceae].  
 ——— *arctica decipiens* n. comb.  
     Cockerell. 5472.  
 ——— *crassa* n. comb. Cockerell.  
     5472.  
 ——— *pseudocredneria* n. sp.  
     Cockerell. 5472.
- Pruninium** n. gen. [Rosaceae]. Platen.  
     5986.  
 ——— *gummosum*. Platen. 5986.
- PRUNOIDES** [Rosaceae].  
 ——— *inequalis*. Perkins. 5971.
- PRUNUS** [Rosaceae].  
 ——— *askenasyi*. Kinkelin. 5564.
- PIELEA** [Rutaceae].  
 ——— *modesta* (?) Cockerell. 5472.
- QUERCINUM** [Cupuliferae].  
 ——— *abromeiti*. Platen. 5986.  
 ——— *anomalum*. Platen. 5986.  
 ——— *lesquerenxi*. Platen. 5986.  
 ——— *soleredi*. Platen. 5986.  
 ——— *wardi*. Platen. 5986.
- QUERCUS** [Fagaceae].  
 ——— *balaninorum*. Cockerell.  
     5472.
- QUERCUS** [Fagaceae].  
 ——— *knocltoniana*. Cockerell.  
     5465.  
 ——— *lyptiformis*. Cockerell. 5472.
- RHAMNUS** [Rhamnaceae].  
 ——— *florissantensis*. Cockerell.  
     5472.
- RHUS** [Anacardiaceae].  
 ——— *meusae* n. nom. Cockerell.  
     5465.
- RIBES** [Grossulariaceae].  
 ——— *protomelaenum*. Cockerell.  
     5472.
- ROBINIA** [Leguminosae].  
 ——— *brittoni*. Cockerell. 5465.
- ROSA** [Rosaceae].  
 ——— *ruskiana*. Cockerell. 5465.  
 ——— *wilmattae*. Cockerell. 5472.
- SALIX** [Salicaceae].  
 ——— *merriami* n. nom. Cockerell.  
     5465.  
 ——— *ramaleji roliveri*. Cockerell.  
     5472.
- SAMBUCUS** [Caprifoliaceae].  
 ——— *newtoni*. Cockerell. 5465.
- SANTALUM** [Santalaceae].  
 ——— *novae-caesareae*. Berry. 5332.
- SAPINDOIDES** [Sapindaceae].  
 ——— *urceolatus*. Perkins. 5971.
- SAPINDUS** [Sapindaceae].  
 ——— *coloradensis*. Cockerell. 5472.  
 ——— *leonis*. Cockerell. 5472.
- SAXIFRAGA** [Saxifragaceae].  
 ——— *peritula*. Cockerell. 5472.
- SICYOS** [Cucurbitaceae].  
 ——— *florissantia*. Cockerell. 5472.
- Simarubinium** n. gen. [Simarubeae].  
     Platen. 5986.  
 ——— *crystallophorum*. Platen.  
     5986.  
 ——— *engelhardtii*. Platen. 5986.
- SORBUS** [Malaceae].  
 ——— *megaphylla*. Cockerell. 5472.
- STAPHYLEA** [Staphyleaceae].  
 ——— *pliocaenica*. Kinkelin. 5564.
- STERCULIA** [Sterculiaceae].  
 ——— *minima*. Berry. 5332.
- TRICARPELLITES** [Juglandaceae].  
 ——— *alatus*. Perkins. 5971.  
 ——— *brandonianus*. Perkins. 5971.  
 ——— *curtus*. Perkins. 5971.  
 ——— *triangularis*. Perkins. 5971.
- ULMOXYLON** [Urticaceae].  
 ——— *sinrcthi*. Platen. 5986.

- VIBORQUIA [Mimosaceae].  
 ——— *nigrostipellata*. Cockerell. 5472.
- VITIS [Vitaceae].  
 ——— *alaskana* n. nom. Cockerell. 5472.  
 ——— *florissantella*. Cockerell. 5472.  
 ——— *pliocænica*. Kinkelin. 5564.  
 ——— *sphaerocarpa*. Kinkelin. 5564.
- WEINMANNIA [Cunoniaceae].  
 ——— *dubiosa* n. nom. Cockerell. 5472.  
 ——— *haydenii* n. comb. Cockerell. 5472.  
 ——— *lesqueræxi*. Cockerell. 5472.  
 ——— *phenacophylla*. Cockerell. 5472.
- 6000** MONOCOTYLEDONES.
- JUNCUS [Juncaceae].  
 ——— *crassulus*. Cockerell. 5472.
- LIMBICUM [Hydrocharitaceae].  
 ——— *obliteratum*. Cockerell. 5465.
- POTAMOGETON [Naiadaceae].  
 ——— *pliocænicum*. Engelhardt. 5564.
- STIPA [Poaceae].  
 ——— *laminarum*. Cockerell. 5472.
- TYPHA [Typhaceae].  
 ——— *moenana*. Kinkelin. 5564.
- 6500** GYMNOSPERMÆ.
- ANTHOLITHUS [Incert. Sed.].  
 ——— *zeileri*. Nathorst. 5915.
- ARAUCARIA [Coniferae].  
 ——— *bladenensis*. Berry. 5334.  
 ——— *impuncus*. Dusén. 5550.  
 ——— *jeffreii*. Berry. 5334.
- Araucariopitys** n. gen. [Coniferae].  
 ——— *jeffreii*. Jeffrey. 5736.  
 ——— *americana*. Jeffrey. 5736.
- ARAUCARIOXYLON [Coniferae].  
 ——— *arizonicum* var. *neogæcum*  
 n. var. Platen. 5986.
- ARAUCARITES [Coniferae].  
 ——— *delafondi*. Zeiller. 6298.  
 ——— *zeileri*. Berry. 5334.
- CARDIACARPUS [Cordaiteae].  
 ——— *debalzewensis*. Zaleskij. 6295.
- CEDROXYLON [Coniferae].  
 ——— *inaequale*. Reiss. 6025.
- CEPHALOTAXUS [Taxeaceae].  
 ——— *francofurtana*. Kinkelin. 5564.  
 ——— *loossi*. Kinkelin. 5564.  
 ——— *rotundata*. Kinkelin. 5564.
- CORDAICARPUS [Cordaiteae].  
 ——— *planus*. Kidston. 5755.
- CUPRESSOXYLON [Coniferae].  
 ——— *podocarpoides*. Reiss. 6205.
- DADOXYLON [Coniferae].  
 ——— *australe*. Arber. 5299.  
 ——— *pseudoparenchymatosum*.  
 Gothan. 5637.  
 ——— *schrollianum*. Schuster. 6086.
- GOMPHOSTROBUS [Abietineae].  
 ——— *reisi*. Schuster. 6087.
- HYDERIA [Pinaceae].  
 ——— *coloradensis*. Cockerell. 5472.
- LIBOCEDRUS [Cupressineaceae].  
 ——— *pliocænica*. Kinkelin. 5564.
- PHYLLOCLADOXYLON [Coniferae].  
 ——— *antarcticum*. Gothan. 5637.
- PHYZEMATOPITYS [Coniferae].  
 ——— *goepperti*. Platen. 5986.
- PICEA [Coniferae].  
 ——— *cliffwoodensis*. Berry. 5332.  
 ——— *latisquamosa* f. *cylindrica*  
 n. f. Kinkelin. 5564.  
 ——— *latisquamosa* f. *fusififormis*  
 n. f. Kinkelin. 5564.
- PICEOXYLON [Coniferae].  
 ——— *pseudotsugæ*. Potonié. 5998.
- PINES [Abietineaceae].  
 ——— *biondi*. Pampaloni. 5951.  
 ——— *macrostrobilina*. Menzel. 5879.  
 ——— *stellwaji*. Kinkelin. 5564.  
 ——— *sturgisi*. Cockerell. 5465.  
 ——— *timberi*. Engelhardt & Kinkelin. 5564.  
 ——— *raldarnensis*. Pampaloni. 5951.  
 ——— *wheeleri*. Cockerell. 5472.
- PITYOXYLON [Coniferae].  
 ——— *annulatum*. Platen. 5986.  
 ——— *jinboi*. Reiss. 6025.  
 ——— *vateri*. Platen. 5986.
- PODOCARPOXYLON [Coniferae].  
 ——— *aparenchymatosum*. Gothan. 5637.
- RHABDOCARPUS [Cordaiteae].  
 ——— *curvatus*. Kidston. 5755.
- SCHIZOLEPIS [Incert. Sed.].  
 ——— *moelleri*. Seward. 6103.

- TAXODIXYLON [Coniferae].  
 ——— *credneri*. Platen. 5986.
- TYMION [Coniferae].  
 ——— *carolinianum*. Berry. 5333.
- WALCHIA [Coniferae].  
 ——— *schneideri*. Zeiller. 6298.
- ZAMITES [Cycadaceae].  
 ——— *weberi*. Seward. 6103.
- 6600** CYCADOPILICES (PTERIDOSPERMEAE).
- ALETHOPTERIS [Cycadofilices].  
 ——— *costei*. Zeiller. 6298.  
 ——— *minuta*. Zeiller. 6298.
- CALLIPTERIS [Cycadofilices].  
 ——— *raymondi*. Zeiller. 6298.
- OVOPTERIS [Medulloseae].  
 ——— *pecopteroides*. Potonié. 5998.
- 6700** PTERIDOPHYTA.
- ASIPHILA [Cyatheaceae].  
 ——— *antarctica*. Christ. 5550.
- ANEIMIA [Selizaceae].  
 ——— *gracillima* n. comb. Cockerell. 5472.
- ANNULARIA [Equisetaceae].  
 ——— *sphenophylloides* var. *intermedia* n. var. Peola. 5969.
- APHILEBIA [Filicaceae].  
 ——— *dissoluta*. Potonié. 5998.  
 ——— *fasciculata*. Zeiller. 6298.
- ASPENIUM [Polypodiaceae].  
 ——— *antarcticum*. Dusén. 5550.
- ASTEROPHYLLITES [Equisetaceae].  
 ——— *axillaris*. Schuster. 6087.
- BOTRYOPTERIS [Filicaceae].  
 ——— *antiqua*. Kidston. 5756.
- CALLIPTERIS [Filicaceae].  
 ——— *scheibei*. Potonié. 5999.
- CAULOPTERIS [Filicaceae].  
 ——— *grandis*. Zeiller. 6298.  
 ——— *sterzeli*. Zälësskij. 6295.
- CLADOPHEMIS [Filicaceae].  
 ——— *fontainei*. Seward. 6103.
- CROSSOTHECA [Filicaceae].  
 ——— *hughesiana*. Kidston. 5754.
- CYCLOPTERIS [Filicaceae].  
 ——— *pinna*. Schuster. 6087.
- DESMOPTERIS [Filicaceae].  
 ——— *integra*. Potonié. 5998.  
 ——— *serrata*. Potonié. 5998.
- DINEURON [Filicaceae].  
 ——— *ellipticum*. Kidston. 5756.
- DRYOPTERIS [Polypodiaceae].  
 ——— *scansa*. Cockerell. 5472.
- DRYPTERIS [Filicaceae].  
 ——— *antarctica*. Dusén. 5550.  
 ——— *seymourensensis*. Dusén. 5550.
- EQUISETITES [Equisetaceae].  
 ——— *ferganensis*. Seward. 6103.  
 ——— *laevis*. Halle. 5656.  
 ——— *mobergii*. Moeller. 5656.  
 ——— *nathorstii*. Halle. 5656.  
 ——— *praelongus*. Halle. 5656.  
 ——— *subulatus*. Halle. 5656.
- EQUISETUM [Equisetaceae].  
 ——— *kidstoni*. Zälësskij. 6294.
- Eskdalia** n. gen. [Filicaceae]. Kidston. 5755.  
 ——— *minuta*. Kidston. 5755.
- Heterofilicites** n. gen. [Filicaceae]. Berry. 5332.  
 ——— *anceps*. Berry. 5332.
- LEPIDOSTROBUS [Lycopodiaceae].  
 ——— *bertrandi*. Zälësskij. 6296.
- Neocalamites** n. gen. [Equisetaceae]. Halle. 5656.
- ODONTOPTERIS [Filicaceae].  
 ——— *thunfeldioides*. Schuster. 6087.
- ONOCLEA [Polypodiaceae].  
 ——— *reducta*. Cockerell. 5472.
- PALAEOSTACHYA [Equisetaceae].  
 ——— *domperri*. Zälësskij. 6294.  
 ——— *etingshausenii*. Kidston. 5755.
- PECOPTERIS [Filicaceae].  
 ——— *attenuata*. Schuster. 6087.
- PELLAEA [Polypodiaceae].  
 ——— *antiquella*. Cockerell. 5472.
- PHYGOPTERIS [Polypodiaceae].  
 ——— *guyottii* n. comb. Cockerell. 5472.
- PHYLLOTHECA [Equisetaceae].  
 ——— *etheridgei*. Arber. 5299.
- PINAKODENDRON [Lycopodiaceae].  
 ——— *macconochiei*. Kidston. 5755.
- POLYPODIUM [Polypodiaceae].  
 ——— *aemulans*. Dusén. 5550.
- SELAGINELLITES [Lycopodiaceae].  
 ——— *suisseti*. Zeiller. 6298.

- SIGILLARIA [Lycopodiaceae].  
 ——— *canoniana*. Kidston. 5755.
- SPHENOPHYLLUM [Sphenophyllaceae].  
 ——— *geleri*. Zaleskij. 6294.
- STIGMARIA [Lycopodiaceae].  
 ——— *rimosiformis*. Kidston.  
 5755.
- TAENIOPTERIS [Filicaceae].  
 ——— *blechnoides*. Dusén. 5550.  
 ——— *crispissima*. Dusén. 5550.
- TUBICAILIS [Filicaceae].  
 ——— *sutcliffei*. Stopes. 6171.
- Ulvopteris** n. gen. [Filicaceae].  
 ——— Schuster. 6087.  
 ——— *annonis*. Schuster. 6087.
- Ungeria** n. gen. [Filicaceae]. Salfeld.  
 6056.  
 ——— *sobuhofensis*. Salfeld. 6056.
- WOODWARDIA [Polypodiaceae].  
 ——— *florissantia*. Cockerell.  
 5472.
- 7000 MUSCI ET HEPATICAE.**
- MARCHANTIA [Marchantiaceae].  
 ——— *pelei*. Knowlton. 5769.
- 7300 CHARACEAE.**
- CHARA [Characeae].  
 ——— *peritula*. Cockerell. 5472.
- 7400 ALGAE ET SCHIZOPHY-  
 CEAE.**
- ALGACITES [Algæ].  
 ——— *caulerpoides*. Engelhardt.  
 5564.
- CAULERPITES [Caulerpacæe].  
 ——— *tertiaria*. Engelhardt. 5564.
- FUCUS [Fucaceae].  
 ——— *bertholdensis*. Penhallow.  
 5968.
- HAPLOPORELLA [Dasycladaceae].  
 ——— *kinkelini*. Spandel. 6137.
- LIASOPHYCUS [Algæ].  
 ——— *scyphothaloides*. Fliche.  
 5580.
- NEMATOPHYCUS [Laminariaceae].  
 ——— *milneaukeensis*. Penhallow.  
 5968.
- SOLENOPORA [Algæ].  
 ——— *gotlandica*. Rothpletz. 6050.
- SPHAEROCODIUM [Algæ].  
 ——— *gotlandicum*. Rothpletz.  
 6050.
- 7700 FUNGI, BACTERIA ET  
 MYCETOZOA.**
- AGARICITES [Agaricaceae].  
 ——— *concentzi*. Platen. 5986.
- DIDYMOSPHAERIA [Pleosporæe].  
 ——— *betheli*. Cockerell. 5472.
- GEASTER [Lycoperdaceae].  
 ——— *florissantensis*. Cockerell.  
 5465.
- HYSTERIUM [Hysteriaceae].  
 ——— *cyperi*. Engelhardt. 5564.
- RHYTISMA [Phacidiaceae].  
 ——— *ulmi*. Engelhardt. 5564.
- SPHAERIA [Sphaeriaceae].  
 ——— *buxi*. Engelhardt. 5564.
- SPHAERITES [Fungi].  
 ——— *carbonarius*. Schuster. 6087.
- 7900 PLANTAE INCERTAE  
 SEDIS.**
- Staphidoides** n. gen. [Incertae Sedis].  
 ——— Perkins. 5971.
- *oralis*. Perkins. 5971.
- *renogus* (Lesq.) n. comb.  
 Perkins. 5971.

## ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

*(The names of new genera are in italics.)*

- abbreviatus Bicarpellites; Perkins. 5971.
- abeli Perisphinctes; Oppenheimer. 5936.
- aberrans Diceratherium; Loomis. 5843.
- ablata Rhamphomyia; Meunier. 5890.
- abromeiti Quercinium; Platen. 5986.
- Acanthechinopsis* n. gen. Gregory. 5645.
- acer Glossina; Clarke. 5454.
- Sanguinolites (?); Reed. 6014.
- acerra Stichocapsa; Hinde. 5691.
- Achilemys* n. gen. Hay. 5672.
- acquitana Meniscopora; Canu. 5413.
- acrodonta Cyclopellatia; Cossmann. 5487.
- Acrothelinae* n. subfam. Walcott & Schuchert. 6222.
- Acrotretinae* n. subfam. Walcott & Schuchert. 6222.
- Actinopterella* n. gen. Williams. 6250.
- aculeatus Asaphus; Wiman. 6260.
- acuticostata Hamulina; Karakaš. 5748.
- n. var. *Myophoria transversa*; Zeller. 6302.
- Nyssa; Perkins. 5911.
- acutilobata Acaste; Knod. 5768.
- acutisepta Montlivaultia; Airaghi. 5281.
- acutissimus Chilocyclus; Häberle. 5652.
- acutum Dentalium; Richardson. 6038.
- acutus Heleophilus; Broom. 5389.
- Trochosaurus; Broom. 5384.
- adelis Orbitoides; Checchia-Rispoli e Gemmellaro. 5444.
- advena Protostega; Hay. 5672.
- aegle Eclmatemys; Hay. 5672.
- aegyptiaca n. var. *Trigonodon serratus*; Priem. 6002.
- aegyptiacum Rhagatherium; Andrews. 5293.
- aemulans Polypodium; Dusén. 5550.
- aenigmatica Leopoldia; Sayn. 6064A.
- aequa Amyda; Hay. 5672.
- aesculapii Sirenites; Frech. 5587.
- affinis n. var. *Composita emarginata*; Girty. 5622.
- africana Scaphiocoelia (?); Reed. 6014.
- africanus Capitosaurus; Broom. 5389.
- Gigantosaurus; Fraas. 5585.
- Hybodius; Broom. 5388.
- agamemnonis Gymnites; Frech. 5587.
- agrestes Nuculana; Reed. 6017.
- airaghi Scutella; Nelli. 5920.
- ajax Pachysaurus; Huene. 5712.
- Akidocheilus* n. gen. Till. 6183.
- alabamensis n. var. *Dicellograptus moffatensis*; Ruedemann. 6053.
- n. var. *Diptograptus foliaceus*; Ruedemann. 6053.
- alaeformis Lima; Krause. 5780.

- Alamosemus* n. gen. Hay. 5672.  
 alaskana n. nom. Vitis; Cockerell. 5472.  
 alata Avicula; Karakaš. 5748.  
 alatus Tricarpellites; Perkins. 5971.  
 albanus Cyrtoceras; Clarke. 5454.  
*Albertella* n. gen. Walcott. 6222.  
 alexati Scutellina; Cottreau & Alexat. 5495.  
 alimanestianoi Joannites; Kittl. 5766.  
 allardi Perna; Cossmann. 5487.  
 ——— Pseudomelania; Cossmann. 5487.  
 allegania Dalmanella; Williams. 6249.  
*Alopecodon* n. gen. Broom. 5384.  
 alpina n. var. Murchisonia davyi; Spitz. 6139.  
 ——— n. var. Pleurotomaria coluber; Spitz. 6139.  
 ——— n. var. Pleurotomaria labrosa; Spitz. 6139.  
 ——— n. var. Tremanotus fortis; Spitz. 6139.  
 alpinus Bronteus; Gortani. 5631.  
 alta Anisocardia; Krause. 5780.  
 altemontanus n. nom. Bellerophon. Spitz. 6139.  
 alternans n. subsp. Ichium acrodactylum; Pabst. 5948.  
 alternestriolata n. var. Monia aculeata. 5437.  
 altevittata Murchisonia; Spitz. 6139.  
 altidens Telmatherium (?); Osborn. 5942.  
*Altippus* n. gen. Douglass. 5528.  
 altisellatum Centroceras; Wedekind. 6235.  
 altus Branchiolambrus; Rathbun. 6010.  
*Alveolinella* n. gen. Douvillé. 5533.  
 ambiguus Akidocheilus; Till. 6183.  
 ambonense Dielasma; Boehm. 5349.  
 ambonensis Athyris; Boehm. 5349.  
 ——— Rhynchopora; Boehm. 5349.  
 ——— Spiriferina; Boehm. 5349.  
 ambongoensis Pecten; Thevenin. 6180.  
 ambrosionii Pecten; Mariani. 5861.  
 americana Ailanthus; Cockerell. 5465.  
 americana Araucariopitys; Jeffrey. 5736.  
 ——— Geyerella; Girty. 5622.  
 ——— Goniocladia; Girty. 5622.  
 ——— Steinmannia; Girty. 5622.  
 ——— Warthia; Girty. 5622.  
 americanus Leptodus; Girty. 5622.  
 ——— Neocomites; Favre. 5574.  
 ——— n. var. Aulosteges medlicottianus; Girty. 5622.  
 amii Schizophoria? Clarke. 5454.  
*Aminippus* subgen. n. nom. Granger. 5640.  
 ammonis Styliina; Felix. 5576.  
 ——— Ulvopteris; Schuster. 6087.  
 amphibolus Monograptus; Tornquist. 6184.  
*Amphiserpentarius* n. gen. Gaillard. 5604.  
 amplexa Beachia; Clarke. 5454.  
*Amplexi-Zaphrentis* n. subgen. Vaughan. 5869.  
*Amptypeza* n. gen. Hay. 5672.  
 ampullata Cytheridea; Méhes. 5877.  
 amygdaloidus Monocarpellites; Perkins. 5971.  
 anakolodactylum Ichium; Pabst. 5948.  
 anastasinii n. f. Daonella; Kittl. 5766.  
 anceps Heterofilicites; Berry. 5332.  
 anderssoni Fusulina; Schellwien. 6067.  
 andinus Actaeon; Haupt. 5667.  
 andreae Knightia; Dusén. 5550.  
 andreensis Chonella; Pošta. 5988.  
 andrewsi Phiomys; Osborn. 5941.  
 andrewsii Panax; Cockerell. 5465.  
 aperi Pseudomonotis; Wittenburg. 6263.  
 angelini Clymenia; Wedekind. 6235.  
 angularis Spongolonche; Hinde. 5691.  
 angulatus Eteletes; Girty. 5622.  
 ——— n. var. Euomphalus sulcifer; Girty. 5622.  
 angusta Rhamphomyia; Meunier. 5890.  
 angustidens n. subsp. Putorius cicognanii; Brown. 5395.  
 angustiloba Lomatia; Dusén. 5550.

- angustilobatum* Centroceras; Wedekind. 6235.  
*angustipneustes* Echinanthus; Lambert. 5791.  
*angustisellatum* Sporadoceras; Wedekind. 6235.  
*angustomphalus* Bellerophon; Spitz. 6139.  
*angustum* Poterioceras; Wedekind. 6235.  
*angustus* Otolithus; Priem. 6001.  
 ——— n. f. Megaphyllites; Kittl. 5766.  
*angusta* Montlivaultia; Airaghi. 5281.  
 ——— Platyercinus; Slocum. 6132.  
*Anisopyge* n. gen. Girty. 5622.  
*Ankylosaurus* n. gen. Brown. 5394.  
*annectens* Fiber; Brown. 5395.  
*annulata* Haploecia; Filliozat. 5578.  
*annulatum* Pityoxylon; Platen. 5986.  
*annulatus* n. var. Climacograptus scalaris; Ruedemann. 6053.  
*anomaloerinus* Podolithus; Sardeson. 6060.  
*anomalum* Platyceras; Rowley. 6052.  
 ——— Quercinium; Platen. 5986.  
*antarctica* Alosphila; Christ. 5550.  
*antarctica* Drimys; Dusén. 5550.  
 ——— Drypteris; Dusén. 5550.  
*antarcticum* Asplenium; Dusén. 5550.  
 ——— Phyllocladoxylon; Gothan. 5637.  
*anteunatus* Archaeopus; Rathbun. 6010.  
*Anthracosycon* n. gen; Girty. 5622.  
*antiqua* Anisopyge; Girty. 5622.  
 ——— Botryopteris; Kidston. 5756.  
 ——— Tellinya; Grönwall & Harder. 5649.  
 ——— n var. Arietites carenatus; Vadász. 6205.  
*antiquella* Pellaea; Cockerell. 5472.  
*antiquus* Tanystrophaeus; Huene. 5712.  
*aparenchymatosum* Podocarpoxyton; Gothan. 5637.  
*apicata* Stichocapsa; Hinde. 5691.  
*Apidium* n. gen. Osborn. 5941.  
*apolonista* Symphysurus; Lake. 5784.  
*applanata* n. var. Chasmops wesenbergensis; Wiman. 6260.  
*approximatus* n. var. Glossograptus quadrimucronatus. Ruedemann. 6053.  
 ——— n. var. Nemagraptus gracilis; Ruedemann. 6053.  
*Apsidoerinus* n. gen. Jaekel. 5729.  
*aquitana* Heteropora; Canu. 5413.  
 ——— Hippothoa; Canu. 5413.  
*Aralinium* n. gen. Platen. 5986.  
*arapoviçense* Cerithium; Oppenheim. 5931.  
*araripis* Tharrhias; Jordan & Branner. 5744.  
*Araucariopitys* n. gen. Jeffrey. 5736.  
*Archaeopus* n. gen. Rathbun. 6010.  
*arctica* n. var. Productus semireticulatus; Whitfield. 6244.  
*Arctitreta* n. gen. Whitfield. 6244.  
*arcuata* Edmondia (?). Cleland. 5457.  
*arenaceaeformis* Ficus; Cockerell. 5472.  
*arenaria* Pleurotomaria; Girty. 5622.  
*arethusa* Echmatemys; Hay. 5672.  
*areyi* Dictyonema; Gurley. 6053.  
*argentinus* Perisphinctes; Haupt. 5667.  
*argivus* Japonites; Frech & Rentz. 5592.  
*argolica* n. var. Ivannites diffissus; Frech. 5587.  
*arictis* Cristellaria; Issler. 5725.  
*aries* Acidaspis; Richter. 6039.  
*arikareense* Diceratherium; Barbour. 5317.  
*armata* Ceramopora; Hennig. 5676.  
 ——— Meniscopora; Canu. 5415.  
 ——— Tegulifera; Girty. 5622a.  
*Arnaudiella* n. gen. Douvillé. 5584.  
*arnoldi* Columbella n. nom. Dall. 5499.  
*arrecta* Dictyomitra; Hinde. 5691.  
 ——— Tricolocapsa; Hinde. 5691.  
*artemis* Acrothele; Walcott. 6222.  
*artiensis* n. var. Fusulina prisca; Schellwien. 6067.  
*arctica* Fusulina; Schellwien. 6067.  
 ——— Syringothyris; Whitfield. 6244.

- argentinus Capulus; Haupt. 5667.  
 ashleyi Lirofusius; Arnold. 5309.  
 askenasyi Prunus; Kinkelin. 5564.  
 aspera Stichocapsa; Hinde. 5691.  
 asperatus Camptonectes; Girty. 5622.  
 aspidoides Defrancia; Beutter. 5345.  
 astartoides Cytherea; Thevenin. 6180.  
 atavus Orohippus; Granger. 5640.  
 ater Euomphalus; Spitz. 6139.  
 atrox Prozeuglodon; Andrews. 5293.  
 attenuata Lescuria; Perkins. 5971.  
 ——— Meekella; Girty. 5622.  
 ——— Pecopteris; Schuster. 6087.  
 attenuatum Scalpellum; Woodward. 6285.  
 ——— Bicarpellites; Perkins. 5971.  
 atwoodi Epitonium; Dall. 5500.  
 audax Enneles; Jordan & Brammer. 5744.  
 auritulus n. var. Productus horridus; Eisel. 5556.  
 austerus Aspideretes; Hay. 5672.  
 australe Dadoxylon; Arber. 5299.  
 ——— Micoglyphillum; Dusén. 5550.  
 australis Spirobolus; Grinnel. 5646.  
 ——— Symbolos; Brown. 5395.  
 avia Tenthedo; Brues. 5396.  
 aviator Nuculana; Reel. 6017.  
 aviculiferum Schizostoma; Canu. 5415.  
 avita n. mut. Stropheodonta parva; Clarke. 5454.  
 axillaris Asterophyllites; Schuster. 6087.  
 axinaeiformis Corbis; Cossmann. 5487.  
 baali Rhabdophyllia; Felix. 5576.  
 bacularis Ophthalmidium; Issler. 5725.  
 balaninorum Quercus; Cockerell. 5472.  
 badmensis Desmoceras; Jacob. 5726.  
 baltica Callopora; Hennig. 5676.  
 ——— Pholadomya; Krause. 5780.  
 balticum Spongiostroma; Rothpletz. 6050.  
 balticus Trochus; Krause. 5780.  
 baltzeri Psiloceras; Epstein. 5565.  
 banatica Cytheridea; Méhes. 5877.  
 barrandei Botsfordia; Walcott. 6222.  
 barrencia Rothpletzella; Cossmann. 5487.  
 barroisi Paleomastodon; Pontier. 5992.  
 ——— Polytropis; Spitz. 6139.  
 barroni Acanthechinopsis; Gregory. 5645.  
 ——— Leptastraea; Gregory. 5644.  
 basiplanum Cerithium; Oppenheim. 5934.  
 bassanensis Neritopsis; Campana (Del). 5499.  
 bassleri Callopora; Hennig. 5676.  
 ——— Clisospira; Raymond. 6012.  
 batheri Echinus; Checchia-Rispoli. 5440.  
 ——— Micronella; Brydone. 5398.  
 bathygnatha Hyaena; Dubois. 5547.  
 baumbergeri Leopoldia; Favre. 5574.  
 Bauria n. gen. Broom. 5389.  
 bayhariensis Lepidocyclina; Checchia-Rispoli e Gemmellaro. 5444.  
 baylei Hoplites; Jacob. 5726.  
 bazarquei Goniopygus; Lambert. 5787.  
 ——— Dorocidaris; Lambert. 5791.  
 ——— Linthia; Lambert. 5787.  
 beadnelli Cyphosoma; Gregory. 5645.  
 ——— Metaphiomys; Osborn. 5941.  
 ——— Testudo; Andrews. 5293.  
 beaunugensis Neocomites; Sayn. 6064A.  
 becraftensis Desmograptus; Ruedemann. 6053.  
 bedoti Neocomites; Sayn. 6064A.  
 beedei Heterocoelia; Girty. 5622A.  
 belgramensis Leopoldia; Favre. 5574.  
 bellamicus Lichas; Clarke. 5454.  
 bellapunctata Acrothele; Walcott. 6222.  
 bellatula Acrotreta; Walcott. 6222.  
 bellevillensis Bumastus; Raymond. 6013.  
 belli Platyceras; Clarke. 5454.  
 bellicarinata Lophospira; Donald. 5526.  
 bellula Edmondia (?); Girty. 5622.



- beneckeii* Dimeroceras; Wedekind. 6235.  
*bengawanicus* Gavialis; Dubois. 5547.  
*benhami* Cardita; Thomson. 6182.  
*benjamini* Steinmannia; Girty. 5622A.  
*benoisti* Zygopleura; Cossmann. 5486.  
*bergeroni* Acrothele; Walcott. 6222.  
*bertheletensis* Fucus; Penhallow. 5968.  
*bertrandi* Lepidostrobos; Zálésskij. 6296.  
*beryllifera* Lichas; Richter. 6039.  
*beta* n. var. *Dalmanella virginia*; Williams. 6249.  
*betheli* *Didymosphaeria*; Cockerell. 5472.  
*biardi* *Dalmanites*; Clarke. 5454.  
*biassalense* *Desmoceras*; Karakaš. 5748.  
*biassalensis* *Trochus*; Karakaš. 5748.  
*biassalica* *Monopleura*; Karakaš. 5748.  
*bicarinatus* *Bicarpellites*; Perkins. 5971.  
 ——— *Euomphalopterus*; Spitz. 6139.  
*Bicinae* n. subfam.; Walcott & Schuchert. 6222.  
*biconica* *Glandulina*; Issler. 5725.  
*bicurvatus* n. var. *Dicellograptus divaricatus*; Ruedemann. 6053.  
*bidentata* *Pugnax*; Girty. 5622.  
*biformis* *Neocomites*; Sayn. 6064A.  
 ——— *Parapronorites*; Černov. 5433.  
*bigranulatum* *Heterodiadema*; Gregory. 5645.  
*billingsi* *Bumastus*; Raymond & Narraway. 6013.  
 ——— *Chonetes*; Clarke. 5454.  
*bilobatum* *Tornoceras*; Wedekind. 6235.  
*biondi* *Pinus*; Pampaloni. 5951.  
*bipartita* *Hustedia*; Girty. 5622.  
*bipatellis* *Micropedina*; Gregory. 5645.  
*bisellata* *Zeilleria*; Karakaš. 5748.  
*bisseti* *Phacops*; Reed. 6016.  
*bistrami* *Platyceras*; Knod. 5768.  
*bituminosa*; *Orbulina*; Spandel. 6137.  
 ——— n. var. *Bolivina beyrichi*. Spandel. 6137.  
*bladenensis* *Araucaria*; Berry. 5334.  
*blechnoides* *Taeniopteris*; Dusén. 5550.  
*blainvillii* *Hederella*; Clarke. 5454.  
*blaschkei* *Naticella*; Häberle. 5652.  
*Blattinopsiella* n. gen. Meunier. 5888.  
*böhmii* *Dalmanites*; Knod. 5768.  
*böttgeri* *Bolivina*; Spandel. 6137.  
*bokkeveldensis* *Solenopsis*; Reed. 6017.  
*boliuensis* *Amnigenia*; Knod. 5768.  
 ——— *Trinucleus*; Lake. 5784.  
*boopis* *Cryphaeus*; Richter. 6039.  
*borealis* *Eohippus*; Granger. 5640.  
*borgholmensis* *Acrothele*; Walcott. 6222.  
*bornholmiensis* *Otolithus*; Malling & Crönwall. 5858.  
 ——— n. var. *Aegoceras centaurus*; Malling & Crönwall. 5858.  
*borussicum* *Protocardium*; Krause. 5780.  
 ——— *Cardioceras*; Krause. 5780.  
*borussiens* *Trochus*; Krause. 5780.  
*bosniaca* *Melanatria*; Oppenheim. 5934.  
 ——— *Perna*; Oppenheim. 5934.  
*bosworthi* *Albertella*; Walcott. 6222.  
*bottniensis* *Lichas*; Wiman. 6260.  
*boulei* *Archaeoptilus*; Meunier. 5891.  
 ——— *Hemiaster*; Cottreau. 5494.  
 ——— *Otolithus*; Priem. 6001.  
*bourdoti* *Otolithus*; Priem. 6001.  
*bowersi* *Clypeaster*; Weaver. 6233.  
*brachydactylum* *Ichnium*; Pabst. 5948.  
*brachygnathus* *Sus*; Dubois. 5547.  
*Brachyprotoma* n. gen. Brown. 5395.  
*brancai* *Neolobites*; Staff & Eck. 6142.  
*Branchiolambrus* n. gen. Rathbun. 6010.  
*brancei* *Paraortyx*; Gaillard. 5604.  
*brandonianus* *Tricarpellites*. Perkins. 5971.  
*branneri* *Cidaris*; Arnold. 5309.  
 ——— *Glycymeris*; Arnold. 5309.  
 ——— *Nuculites*; Reed. 6017.  
*breale* *Ebenoxylon*; Platen. 5986.  
*bredelarensis* *Dimeroceras*. Wedekind. 6235.  
*brevipiinna* *Lomatia*; Dusén. 5550.

- brevis* Bicarpellites; Perkins. 5971.  
 ——— Climacograptus; Elles & Wood. 5562.  
*brevispira* n. var. Siderolithes calcitrapoides. Osimo. 5946.  
*britannica* Membranipora; Brydone. 5398.  
*britannicus* Oxyodon; Huene. 5117.  
*brittoni* Robinia; Cockerell. 5465.  
*brongniarti* Sphæoptera; Meunier. 5893.  
*browni* Helicthys; Broom. 5388.  
 ——— Oxygnathus; Broom. 5388.  
 ——— Pholidophorus; Broom. 5388.  
*brouzetense* Cardium; Cossmann. 5487.  
*brouzetensis* Cyprina; Cossmann. 5487.  
*brunnensis* Perisphinctes; Oppenheimer. 5936.  
*brunneri* Gonatocheilus; Till. 6183.  
*buchi* Clymenia; Wedekind. 6235.  
*buckleyi* Seminula; Rowley. 6052.  
*bütschlii* Umbonium; Häberle. 5652.  
*bufoninus* n. var. Productus horridus; Eisel. 5556.  
*bukowski* Valvulinella; Schubert. 6079.  
*burgense* Dimeroceras; Wedekind. 6235.  
*Burlingia* n. gen. Walcott. 6222.  
*burneisteri* Dechenella; Richter. 6039.  
*bursauxi* Rhamphostomella; Canu. 5415.  
*bursifer* n. var. Climacograptus antiquus; Elles & Wood. 5562.  
*burui* Perisphinctes; Boehm. 5349.  
*buttsi* Lingulella; Walcott. 6222.  
*buxi* Sphaeria; Engelhardt. 5564.  
*Caberoides* n. gen. Canu. 5415.  
*Cactograptus* n. gen. Ruedemann. 6053.  
*caderensis* Praeradiolites; Toucas. 6186.  
*caelocardi* les Astieria; Karakaš. 5748.  
*caelata* Hoplochelys; Hay. 5668.  
 ——— Psephenus; Hay. 5672.  
*caelatus* Glyptops; Hay. 5672.  
*californensis* Leila; Arnold. 5309.  
*californica* Linthia?; Weaver. 6233.  
 ——— Strepsidura; Arnold. 5309.  
*californicum* Perseoxydon; Platen. 5986.  
*callopyge* Echematemyx; Hay. 5672.  
*calous* Agnostus; Lake. 5785.  
*Calvetina* n. gen. Canu. 5415.  
*calvini* Synthetodus; Eastman. 5551.  
*Camarophorella* n. gen. Hyde. 5722.  
*cambria* Syntrophia; Walcott. 6222.  
*campanulatus* Thysanocrinus; Slocum. 6132.  
 ——— n. var. Orthotetes distortus; Girty. 5622.  
*campbelli* Syntrophia; Walcott. 6222.  
*campester* Testudo; Hay. 5672.  
*campichei* Aporrhais; Karakaš. 5748.  
 ——— Nautilus; Karakaš. 5748.  
*campylum* Poterioceras; Wedekind. 6235.  
*canadense* Probolaeum; Clarke. 5454.  
*canadensis* Orthostrophia; Clarke. 5454.  
*canaliculata* Caberoides; Canu. 5415.  
*canelei* Lepidocyclina; Lemoine & Douvillé. 5808.  
*caninoides* Campophyllum; Sibly. 6116.  
*canonbiana* Sigillaria; Kidston. 5755.  
*canovatensis* n. f. Rhynchouella; Gortani. 5631.  
*cantabrigiensis* Astarte; Woods. 6273.  
*cantiana* Anthonya; Woods. 6273.  
*canui* Haploecia; Filliozat. 5578.  
 ——— Semieschara; Brydone. 5398.  
*capax* Stichoecapsa; Hinde. 5691.  
 ——— Stylenus; Hay. 5672.  
*capduri* Cardita; Cossmann. 5487.  
 ——— Corbis; Cossmann. 5487.  
 ——— Nerita; Cossmann. 5487.  
 ——— Pseudomelania; Cossmann. 5487.  
*capellini* Clypeaster; Nelli. 5920.  
*capense* Metoptoma; Reed. 6017.  
*capensis* Equus; Broom. 5392.  
*capitanense* n. var. Anthracosycon ficus; Girty. 5622.

- capitanensis* Fenestella; Girty. 5622.  
 ——— Patella; Girty. 5622.  
 ——— n. var. *Productus* semi-  
 reticulatus; Girty. 5622.  
*capitata* Stichocapsa; Hinde. 5691.  
*captans* Charitemys; Hay. 5672.  
*capuliformis* Palaeoscurria? Spitz.  
 6139.  
*carbonarius* Sphaerites; Schuster. 6087.  
*carezi* Nucleopygus; Lambert. 5787.  
 ——— Phymosoma; Lambert. 5787.  
*carinatus* Bicarpellites; Perkins. 5971.  
*carinifera* Pleurotomaria; Girty. 5622.  
*carnica* Hercynella; Spitz. 6139.  
 ——— Pterinea; Gortani. 5631.  
*carnicum* n. var. *Tornoceras* escoti;  
 Gortani. 5631.  
*carnicus* Dendrograptus; Vinassa de  
 Regny. 6214.  
 ——— Trimeroccephalus; Gortani.  
 5631.  
 ——— Zonidiscus; Spitz. 6139.  
*carolinianum* Tunion; Berry. 5333.  
*carpenteri* Hipponyx; Arnold. 5309.  
*cartieri* Eotomaria; Clarke. 5454.  
 ——— Tentaculites; Clarke. 5454.  
*castelli* Edentula; Wittenburg. 6263.  
*catactus* n. var. *Codonites* stelliformis;  
 Rowley. 6052.  
*cathenata* Lithomitra; Hinde. 5691.  
*caudelli* Anabrus; Cockerell. 5471.  
*caulerpoides* Algacites; Engelhardt.  
 5504.  
*cavea* Dietyomitra; Hinde. 5691.  
*cavicola* Julus; Grinnel. 5646.  
*cayeuxi* Cenospaera; Hinde. 5691.  
*cayluxensis* Archaeotrogon; Gaillard.  
 5604.  
*cazioti* Verrucalina; Počta. 5988.  
*Cearana* n. gen. Jordan & Branner.  
 5744.  
*celata* Tricolocapsa; Hinde. 5691.  
*celebensis* Chlamys; Schepman. 6068.  
 ——— Drillia; Schepman. 6068.  
 ——— Nassa; Schepman. 6068.  
 ——— Natica; Schepman. 6068.  
*celitoides* n. f. *Danubites*; Kittl.  
 5766.  
*centricornis* Kloedenia; Ulrich & Bass-  
 ler. 6202.  
*cepula* Stichocapsa; Hinde. 5691.  
*Cercidoxylon* n. gen. Platen. 5986.  
*cerizolsensis* Micropsis; Lambert. 5787.  
*champlaini* Kionoceras; Clarke. 5454.  
 ——— Meristella; Clarke. 5454.  
*chaperi* Lepidocyclina; Lemoine &  
 Douvillé. 5808.  
*chapmanensis* n. mut. *Monograptus*  
*pridon*; Ruedemann.  
 6053.  
*Charitemys* n. gen. Hay. 5672.  
*chehalisensis* Malletia; Arnold. 5309.  
*choffati* Agria; Toucas. 6186.  
*chomeracensis* Akidocheilus; Till. 6183.  
*cincta* Dietyomitra; Hinde. 5691.  
*cingulatum* Cerithium; Grönwall &  
 Harder. 5649.  
*cimbricum* Cerithium; Grönwall &  
 Harder. 5649.  
*cimbricus* Fusus; Grönwall & Harder.  
 5649.  
*circinalis* Mastigograptus; Ruedemann.  
 6053.  
*circumporosa* Hornera; Beutter. 5345.  
*clara* Baena; Hay. 5672.  
*clarkeana* Corbula; Aldrich. 5248.  
*clarkei* Sporadoceras; Wedekind. 6235.  
*Clarkella* n. gen. Walcott. 6222.  
*clarki* Dearbornia; Walcott. 6222.  
*clathrata* Lima; Krause. 5780.  
*Clathrolima* n. gen. Cossmann. 5489.  
*clatworthyi* Volutoderma? Henderson.  
 5673.  
*clavatus* Pseudocimbex; Rohwer. 6043.  
*claviforme* Cerithium; Schepman. 6068.  
*claviformis* Callopora; Hennig. 5676.  
*claxbiensis* Astarte; Woods. 6273.  
*cleopatrae* Euspatangus; Fourtau. 5583.  
*cliffwoodensis* Picea; Berry. 5332.  
*clintonensis* Palaeodictyota; Ruede-  
 man. 6053.  
*clymeniae* n. f. *Edmondia*; Gortani.  
 5631.

- cockerellae Pi-on; Rohwer. 6042.  
 cockerelli Phora; Brues. 5397.  
*Cockerellia* n. gen. Meunier. 5891.  
 cocoradica Persea; Cockerell. 5472.  
*Coelocladia* n. gen. Girty. 5622A.  
*Coenocystis* n. gen. Girty. 5622.  
 colcanapi Acrosalenia; Cottreau. 5494.  
 collarifera n. var. *Hemicycla puchet*;  
 Boettger. 5351.  
 colcanapi Lima; Thevenin. 6180.  
 coloradensis *Acanthoceras*; Hender-  
 son. 5673.  
 ——— Heyderia; Cockerell. 5472.  
 ——— Leucaena; Cockerell. 5472.  
 ——— Melothria (?); Cockerell.  
 5472.  
 ——— Menyanthes; Cockerell.  
 5465.  
 ——— Sapindus; Cockerell. 5472  
 comancheanus n. var. *Productus guada-*  
*lupensis*; Girty. 5622.  
 cometa Cryphaeus; Richter. 6039.  
 comitalis Natica; Oppenheim. 5934.  
 comma n. var. *Corynoides curtus*;  
 Ruedemann. 6053.  
 compactum Poterioceras; Wedekind.  
 6235.  
 compactus n. var. *Spirifer mexicanus*;  
 Girty. 5622.  
 compressa n. var. *Ivannites joannis*;  
 Frech. 5587.  
 compressus n. nom. *Cladodus*; Bran-  
 son. 5366.  
 ——— Lynx; Brown. 5395.  
 conardi Smilodontopsis; Brown. 5395.  
 concava Murchisonia; Spitz. 6139.  
 ——— *Sparsicystis*; Filiozat.  
 5578.  
 concavus Otolithus; Priem. 6001.  
 concentrico-squamosus Pecten; Chinen-  
 kov. 5415.  
 concinna Pollicipes; Woodward. 6285.  
 concitatus Platypalpus; Meunier. 5890.  
 concreta n. var. *Guadalupe cylindrica*;  
 Girty. 5622.  
 concretus Silesites; Karakaš. 5748.  
 conicum Orthoceras; Wedekind. 6235.  
 conoideus Omphalotrochus; Girty.  
 5622A.  
*Conorhytis* n. gen. Cossmann. 5486.  
 conspecta Stylemys; Hay. 5672.  
 conspicuus Trochus? Spitz. 6139.  
 constellariformis Homotrypa; Cumings.  
 5490.  
 constricta Domopora; Girty. 5622.  
 ——— n. var. *Virgula rigida*;  
 Girty. 5622.  
 consuelo Karpinskya; Gortani. 5631.  
 continens Strophonella; Clarke. 5454.  
 contorta Cyathaxonia; Vaughan. 5869.  
 contortus Dicanograptus; Ruedemann.  
 6053.  
 contracta Cypricardina? Girty. 5622.  
 convergens Desmoceras; Jacob. 5726.  
 convexa Murchisonia; Spitz. 6139.  
 convexum Liquidambar; Cockerell.  
 5472.  
 ——— Lunulicardium; Clarke.  
 5454.  
 convexus Hadrocheilus; Till. 6183.  
 convoluta n. var. *Cristellaria crepidula*;  
 Issler. 5725.  
 conwentzi Agaricites; Platen. 5986.  
 copei n. nom. *Isodectes*; Williston.  
 6255.  
 ——— Palaeosyops; Osborn. 5942.  
 cordatum Dielasma; Girty. 5622.  
*Coriphagus* n. gen. Douglass. 5530.  
 cornelliana Anodonta; Maury. 5873.  
*Cornellites* n. gen. Williams. 6250.  
 cornutus n. var. *Glossograptus quadri-*  
*mucronatus*; Ruedemann.  
 6053.  
 correlatus Perisphinctes; Oppenheimer.  
 5936.  
 corrugatus Leptodiscus; Rowley. 6052.  
 corrupta Rhamphomyia; Meunier. 5890.  
 corticea Fistulipora; Hennig. 5676.  
 costata Clymenia; Wedekind. 6235.  
 costatus Hadrocheilus; Till. 6183.  
 costeri Alethopteris; Zeiller. 6298.  
 costosa n. var. *Arietites ultraspiratum*;  
 Vadász. 6205.

- costulata* Myoconcha; Girty. 5622.  
*cottreai* Lepidocyclus; Douvillé. 5543.  
*coxius* Dalmanites; Clarke. 5454.  
*crassa* Amyda; Hay. 5672.  
 ——— Eridotrypa; Hemmig. 5676.  
 ——— n. comb. Populus; Cockerell. 5472.  
 ——— Rosselliana; Filliozat. 5578.  
*crassiconcha* Nautilus; Vogl. 6217.  
*crassicosta* Clymenia; Wedekind. 6235.  
 ——— Hamulina; Karakaš. 5478.  
*crassidorsatum* Desmoceras; Karakaš. 5748.  
*crassirugata* Corbis; Cossmann. 5489.  
*crassissima* n. var. Siderolithes rhomboidalis; Osimo. 5946.  
*crassissimus* Aptychus; Haupt. 5667.  
*crassitestus* Diplograptus; Ruedemann. 6053.  
*crassulus* Juncus; Cockerell. 5742.  
*crassum* Schizostoma; Canu. 5415.  
*crassus* Bicarpellites; Perkins. 5971.  
 ——— Cactograptus; Ruedemann. 6053.  
 ——— n. var. Arcestes trilabiatus; Kittl. 5766.  
*crateriformis* Bicarpellites; Perkins. 5971.  
*crebrispora* Cenosphaera; Hinde. 5691.  
*credneri* Taxodioxylon; Platen. 5986.  
*crenata* Hippoporina; Canu. 5415.  
*crenulata* Derbya; Girty. 5622.  
*cretacollis* Unio; Maury. 5873.  
*cretae* Cytherura; Egger. 5555.  
*cretensis* Cervus; Simonelli. 6126.  
*cribraria* Dictyomitra; Hinde. 5691.  
*cribroricellosa* Hippoporina; Canu. 5415.  
*crimica* Duvalia; Karakaš. 5748.  
*crinita* Stichocapsa; Hinde. 5691.  
*crispissima* Taeniopteris; Dusén. 5550.  
*cristata* Salenia; Fourtau. 5583.  
*crypticus* Bellerophon; Reed. 6015.  
*crystallophilum* Platanium; Platen. 5986.  
*crystalloporum* Simarubinium; Platen. 5986.  
*cultmensis* Nautilus; Andree. 5291.  
*cuneiformis* Phaenodesmia; Krause. 5780.  
*curiosus* Batocrinus; Rowley. 6052.  
*curkeenense* Clisiophyllum; Vaughan. 5869.  
*Curviidae* n. fam. Walcott & Schuchert. 6222.  
*curtus* Tricarpellites; Perkins. 5971.  
*curvata* n. subsp. Ichmium acroactylum; Pabst. 5948.  
*curvatus* Rhabdocarpus; Kidston. 5755.  
*cyane* Echmatemys; Hay. 5672.  
*cyathophylloides* Lithostroton; Vaughan. 5869.  
*Cyclopellatia* n. gen. Cossmann. 5487.  
*cycloptera* Clymenia; Wedekind. 6235.  
*cylindrica* Guadalupia; Girty. 5622.  
 ——— Lindstroemia; Girty. 5622.  
 ——— n. f. Picea latisquamosa; Kinkel. 5564.  
 ——— Smittia; Canu. 5415.  
*cynops* Bauria; Broom. 5389.  
*cyperi* Hysterium; Engelhardt. 5564.  
*Cypselavus* n. gen. Gaillard. 5604.  
*Cystothalamia* n. gen. Girty. 5622.  
*dadayi* Darwinula; Méhes. 5877.  
*dahnowi* Toxoceras; Karakaš. 5748.  
*dallagoi* Montlivaultia; Airaghi. 5281.  
*dalli* Nucula; Arnold. 5309.  
*danbyi* Dalmanella; Williams. 6249.  
*danubii* Hungarites; Kittl. 5766.  
*dares* Taphrosphys; Hay. 5672.  
*dartoni* Obolus; Walcott. 6222.  
*daviesii* Gazella; Hinton. 5692.  
*de angelisi* Monia; Cerulli-Irelli. 5437.  
*deani* Rhadinichthys; Eastman. 5551.  
*Dearbornia* n. gen. Walcott. 6222.  
*debaltzewensis* Cardiocarpus; Zalësskij. 6295.  
*debilis* n. var. Glossograptus ciliatus; Ruedemann. 6053.  
*decipiens* n. comb. Populus arctica; Cockerell. 5472.  
 ——— Strophostylus; Spitz. 6139.

- declivis Orthotetes ; Girty. 5622.  
 ——— Thracia ; Krause. 5780.  
 decora Dictyomitra ; Hinde. 5691.  
 deeekei Crioceras ; Favre. 5574.  
 delafondi Araucarites ; Zeiller. 6298.  
 delaunayi Lima ; Cossmann. 5486.  
 ——— Trochus ; Cossmann. 5486.  
 ——— Valvata ; Cossmann. 5486.  
 delawarensis Aviculipecten ; Girty. 5622.  
 ——— Pleurophorus ; Girty. 5622.  
 ——— Pleurotomaria ; Girty. 5622.  
 ——— n. var. Bulimorpha chrysalis ; Girty. 5622.  
 ——— n. var. Cleidophorus pallasi ; Girty. 5622.  
 ——— n. var. Myoconcha costulata ; Girty. 5622.  
 delicata Phyllodromia ; Meunier. 5890.  
 delicatula Fagara (?) ; Cockerell. 5472.  
 delta Schizoblastus ; Boehm. 5349.  
 deltoideum Plagisotoma ; Girty. 5622.  
 dendrocinus Podolithus ; Sardeson. 6060.  
 densestriata Anomia ; Krause. 5780.  
 densipora Eridotrypa ; Hennig. 5676.  
 densiporata Stylosphaera ; Hinde. 5691.  
 dentata Bairdia ; Issler. 5725.  
 denticulatum Schizostoma ; Canu. 5415.  
 denticulatus Elnichthys ; Traquair. 6191.  
 denysia Megambonia ; Clarke. 5454.  
 dependicornus Leptobos ; Dubois. 5547.  
 depereti Palaeocryptonyx ; Gaillard. 5604.  
 ——— Leopoldia ; Sayn. 6061A.  
 deprati Cerithium ; Oppenheim. 5934.  
 depressa n. var. Area diluvii ; Cerulli-  
 Irelli. 5137.  
 depressus Glyptops ; Hay. 5672.  
 ——— Hadrocheilus ; Till. 6183.  
 dereimsi Bucaniella ; Knod. 5768.  
 derwiesi Snittia ; Canu. 5415.  
 desailly Archimylaeris ; Leriche. 5816.  
 descendens n. var. Acrotreta ophir-  
 ensis ; Walcott. 6222.  
 desmoceroideus Hoplites ; Karakaš. 5748.  
 destructus Oxypolis ; Cockerell. 5472.  
 diadema Cryphaeus ; Richter. 6039.  
 dibleyi Cribrilina ; Brydone. 5398.  
 Diceratops n. nom. Lull. 5666.  
 dieneri Pseudomonotis ; Wittenburg. 6266.  
 difficilis Meekella ; Girty. 5622.  
 digitata Guadalupia ; Girty. 5622.  
 digitatus Dipterus ; Eastman. 5551.  
 ——— Thamniscus ; Girty. 5622.  
 dilatata Holopella ? Spitz. 6139.  
 dilochodactylum Ichnium ; Pabst. 5948.  
 dimorpha Meniscopora ; Canu. 5415.  
 discoidale Sporadoceras ; Wedekind. 6235.  
 discoidalis Clymenia ; Wedekind. 5235.  
 discoidea Pleurotomaria ; Girty. 5622.  
 ——— Spatiopora ; Hennig. 5676.  
 discoides n. var. Arcestes trilabiatus ;  
 Kittl. 5766.  
 discus Anomia ; Krause. 5780.  
 dispar n. subsp. Ichnium aerodactylum ;  
 Pabst. 5948.  
 dissimilis Cyathoxonia ; Grober. 5647.  
 dissoluta Aphlebia ; Potonié. 5999.  
 distans n. var. Nemagraptus gracilis ;  
 Ruedemann. 6053.  
 distefanoi Aviculopecten ; Mariani. 5861  
 ——— Spatangus ; Checchia-  
 Rispoli. 5440.  
 distincta Helopanopia ; Hay. 5672.  
 distortus Orthotetes ; Girty. 5622.  
 divergens Perisphinctes ; Oppenheimer. 5936.  
 divisiensis Crassatellites ; Woods. 6273.  
 dixoni Semimultealea ; Lang. 5796.  
 dobrogeensis n. nom. Clionites ; Kittl. 5766.  
 Dobrogeites n. gen. Kittl. 5766.  
 doddsi Anatina ; Henderson. 5673.  
 dodgei Crania ; Rowley. 6052.  
 ——— Platyerinus ; Rowley. 6052.  
 dolbeli Dalmanites ; Clarke. 5454.  
 dolichophylla Castanea ; Cockerell. 5472.

- dolichostoma* Neritodomus; Cossmann. 5187.  
*dolomitica* n. var. *Myophoria* transversa; Zeller. 6302.  
*dolomiticus* Cirrus; Campana (Del). 5409.  
*dolosa* Phyllodromia; Meunier. 5890.  
*domperryi* Palaeostachya; Zalësskij. 6294.  
*doneziana* Parkinsonia; Borisiak. 5355.  
*dorsatum* Tornoceras; Wedekind. 6235.  
*dorsoplana* Bucania; Knod. 5768.  
*douvillei* Sysciophlebia; Meunier. 5889.  
*drevermanni* Cryphaeus; Richter. 6039.  
*Drevermannia* n. gen. Richter. 6039.  
*dubia* Mactra? Kitchin. 5765.  
*dubiosa* n. nom. *Weinmannia*; Cockerell. 5472.  
*dubius* Otolithus; Priem. 6001.  
 ——— Strigogyps; Gaillard. 5604.  
*duboisii* Latimeandraræa; Karakaš. 5748.  
*dumblei* Eteletes; Girty. 5622.  
*duncani* Epiaster; Kossmat. 5778.  
*duronicus* Pecten; Wittenburg. 6264.  
*earlei* Metarhinus; Osborn. 5942.  
*eberi* Perseoxydon; Platen. 5986.  
*Eccasaurus* n. gen. Broom. 5389.  
*edwardsi* Totanus; Gaillard. 5604.  
*egelata* Tachydromia; Meunier. 5890.  
*egregia* Amyda; Hay. 5672.  
 ——— Cythere; Méhes. 5877.  
*egregius* Aceratherium; Cook. 5484.  
*eichwaldi* Aphragmastræa; Karakaš. 5748.  
 ——— Cyprina; Karakaš. 5748.  
 ——— Isastræa; Karakaš. 5748.  
 ——— Lytoceras; Karakaš. 5748.  
 ——— Macroscaphites; Karakaš. 5748.  
 ——— Nautilus; Karakaš. 5748.  
 ——— Pleurotomaria; Karakaš. 5748.  
 ——— Rhynchonella; Karakaš. 5748.  
 ——— Scalaria; Karakaš. 5748.  
*Elaeodendroxylon* n. gen. Platen. 5986.  
*elator* Anisocardia; Krause. 5780.  
*elderi* Pleurotomaria? Girty. 5622.  
*elegans* Astieria; Karakaš. 5748.  
 ——— Daraelites; Černov. 5433.  
 ——— Lithocampe; Hinde. 5691.  
 ——— Paraceltites; Girty. 5622.  
 ——— Pugnax; Girty. 5622.  
*elegantissima* Cycloscelis; Meunier. 5893.  
*elipsoidalis* Gervillia; Airaghi. 5280.  
*elizabethae* n. var. *Scaphiocoelia* africana; Reed. 6017.  
*elkader* Toxochelys; Hay. 5672.  
*Elkaniinae* n. subfam. Walcott & Schuchert. 6222.  
*elliptica* Lingula; Clarke. 5454.  
 ——— Solenastrea; Gregory. 5644.  
 ——— n. var. *Prolobites* delphinus; Wedekind. 6235.  
*ellipticum* Dineuron; Kidston. 5756.  
*ellipticus* Aspideretes; Hay. 5672.  
*elli* Cryptonella; Clarke. 5454.  
*elmira* Dalmanella; Williams. 6249.  
*elongatus* Cyathocrinus; Knod. 5768.  
 ——— Obolus; Walcott. 6222.  
*emarginata* Composita; Girty. 5622.  
*emiliae* Baena; Hay. 5672.  
 ——— Omphaloptycha; Häberle. 5652.  
 ——— Testudo; Hay. 5672.  
*emmerichi* Leucochroa; Boettger. 5352.  
*endlichi* n. var. *Micromitra* sculptilis; Walcott. 6222.  
*Engelda* n. gen. Tornquist. 6185.  
*engelhardti* Simarubinium; Platen. 5986.  
*enkebergense* Centroceras; Wedekind. 6235.  
 ——— Orthoceras; Wedekind. 6235.  
*enkebergensis* Clymenia; Wedekind. 6235.  
*Emeles* n. gen. Jordan & Branner. 5744.  
*entellus* Amblypeza; Hay. 5672.  
*eocenensis* Mitromorpha; Aldrich. 5283.  
*Eoorthinae* n. subfam. Walcott. 6222.  
*Eoorthis* n. gen. Walcott. 6222.

- Ephropsites* n. gen. Ammon. 5289.  
 epithecata Stylocoenia; Oppenheim. 5934.  
 epsilon n. var. Dalmanella carinata. Williams. 6249.  
 erebus Peritrochia; Girty. 5622.  
 erecta Montlivaultia; Airaghi. 5281.  
 ——— Pachycorynea; Pošta. 5988.  
 erectoides Sigaretus; Aldrich. 5281.  
 erlenbergiensis Plateosaurus; Huene. 5712.  
 erniensis n. var. Tapes aureus; Nordmann. 5928.  
 errabunda Rhauphomyia; Meunier. 5890.  
 escavada Baena; Hay. 5672.  
 escragnolesensis Silesites; Jacob. 5726.  
*Eskdalia* n. gen. Kidston. 5755.  
 esmani Styliina; Felix. 5576.  
 esnoufi Dalmanites; Clarke. 5454.  
 etheridgei Huenella; Walcott. 6222.  
 etheridgei Phyllothea; Arber. 5299.  
 ethiopica Sinopa; Andrews. 5293.  
 ettingshausenii Palaeostachya; Kidston. 5755.  
*Eubaena* n. gen. Hay. 5672.  
 eucheirocrinus Podolithus; Sardeson. 6060.  
 encyrtus Neocomites; Sayn. 6064A.  
 euglyphea Pleurotomaria; Girty. 5622.  
 euomphaloides Pleurotomaria; Spitz. 6139.  
 eupentagona n. f. Rhynchonella; Kittl. 5766.  
 euracensis Orbitoides; Checchia-Rispoli e Gemmellaro. 5444.  
 eurasiaticus Pecten; Wittenburg. 6263.  
 europaeus Plesiocathartes; Gaillard. 5604.  
 eurustomata Planorbis; Lörenthey. 5836.  
 eurythyra n. var. Hemicycla puchet; Boettger. 5351.  
*Eurimerocephalus* n. subgen. Gortani. 5631.  
 euxina n. var. Protrachyceras rudolphi. Kittl. 5766.  
 euxinus Jovites; Kittl. 5766.  
 evax Spiriferina; Girty. 5622.  
 evolutum Lytoceras; Vadász. 6206.  
 evolutus Acanthohoplites; Sincov. 6131.  
 ——— n. f. Clionites; Kittl. 5766.  
 excavata Lophospira; Donald. 5526.  
 excavatus Leptocheilus; Till. 6183.  
 excellens Aralinium; Platen. 5986.  
 excelsis Trematobolus; Walcott. 6222.  
 exehoutohelix n. var. Planorbis eurstomata; Lörenthey. 5836.  
 exerta Vanikoropsis; Cossmann. 5487.  
 exilis n. var. Dicranograptus furcatus; Ruedemann. 6053.  
 eximus n. mut. Climacograptus putillus; Ruedemann. 6053.  
 existincta Klebsiella; Meunier. 5893.  
 expansus Gonatocheilus; Till. 6183.  
 exporrecta Anisocardia; Krause. 5780.  
 expulsa Melia (?); Cockerell. 5472.  
 exquisita Amyda; Hay. 5672.  
 exquisitus Bellerophon; Spitz. 6139.  
 exsecatus Hadrocheilus; Till. 6183.  
 exsulcata Monia; Cerulli-Irelli. 5437.  
 extensa Lithomitra; Hinde. 5691.  
 ——— Platypeltis; Hay. 5672.  
 extensus Schuchertella; Kindle. 5762.  
 extincta Pseudemys; Hay. 5672.  
 eyrollensis Leopoldia; Sayn. 6064A.  
 faccii Pholidophorus; Gortani. 5632.  
 fallax Janeia; Knod. 5768.  
 falloti Membranipora; Canu. 5413.  
 farri Testudo; Hay. 5672.  
 farringtoni Habrocrinus; Slocum. 6132.  
 fasciata n. var. Arca pectunculoides; Cerulli-Irelli. 5437.  
 fasciculata Aphlebia; Zeiller. 6298.  
 fascigera Isastraea; Felix. 5576.  
 favosa Guadalupia; Girty. 5622.  
 favrei Zeilleria; Karakaš. 5748.  
 favus Cenellipsis; Hinde. 5691.  
 feiranensis Echinolampas; Gregory. 5645.  
*Felixia* n. gen. Platen. 5986.  
 fenestrata Mathildia; Grönwall & Harder. 5649.  
 fenestrata Stichocapsa; Hinde. 5691.



- fennemai* Conus; Schepman. 6068.  
 ——— Turbo. Schepman. 6068.  
*fennicus* Asaphus; Wiman. 6260.  
*ferganensis* Cassidulus; Faas. 5567.  
 ——— Equisetites; Seward. 6103.  
*ferrieri* Omphalotrochus; Girty. 5622a.  
*ferruginea* Lophospira; Donald. 5526.  
*ficus* Anthracosycon; Girty. 5622.  
*fimbriata* Kloedenia; Ulrich & Bassler. 6202.  
*finalis* n. var. *Myophoria transversa*; Zeller. 6302.  
*fissus* Cancer; Rathbun. 6010.  
*flabelliformis* Montlivaultia; Airaghi. 5281.  
*flabellum* Amussiopecten; Ugolini. 6200.  
*floridana* Deiorochelys; Hay. 5672.  
 ——— Macrochelys; Hay. 5672.  
*florigerum* Acer; Cockerell. 5645.  
*florissantella* Ficus; Cockerell. 5472.  
 ——— Vitis; Cockerell. 5742.  
*florissantensis* Geaster; Cockerell. 5465.  
 ——— Odostemon; Cockerell. 5472.  
 ——— Rhamus; Cockerell. 5472.  
*florissantia* Aster; Cockerell. 5472.  
 ——— Hydrangea; Cockerell. 5465.  
 ——— Sicyos (?); Cockerell. 5472.  
 ——— Woodwardia; Cockerell. 5472.  
*florissantica* Lymnaea; Cockerell. 5470.  
*flumineiformis* Melanatria; Troll. 6194.  
*fluviatilis* Baptemys; Hay. 5672.  
 ——— Metarhinus; Osborn. 5942.  
*Follmannella* n. gen. Williams. 6250.  
*fontainei* Cladophlebis; Seward. 6103.  
*fontanus* Aspideretes; Hay. 5672.  
*fontinalis* Leptodomus? Reed. 6017.  
*Fordinia* n. subgen. Walcott. 6222.  
*forillonis* Lichas; Clarke. 5454.  
*formosa* Dictyopyge; Broom. 5388.  
 ——— Pyrgula; Troll. 6194.  
*fornicata* Murchisonia; Spitz. 6139.  
*foro-juliensis* Orthis; Gortani. 5631.  
*fossidens* n. subsp. *Sorex personatus*; Brown. 5395.  
*fourtani* n. var. *Ancistrodon armatus*; Priem. 6002.  
*foveata* Cythereis; Méhes. 5877.  
*fraasi* Sellosanrus; Huene. 5712.  
*franciscæ* Amyda; Hay. 5672.  
*francofurtana* Cephalotaxus; Kinkelin. 5564.  
*fraternus* Bellerophon; Reed. 6017.  
*frechi* Clymenia; Wedekind. 6235.  
*frechi* n. nom. *Macrochilina*; Spitz. 6139.  
 ——— *Pleurotomaria*; Spitz. 6139.  
*fromenteli* Phyllocoenia; Karakaš. 5748.  
*frondicularoides* Virgulina; Spandel. 6137.  
*frondosa* Callopora; Cumings. 5490.  
*fronsacia* Actinopteria; Clarke. 5454.  
*fructifer* Acerates; Cockerell. 5465.  
*fuegina* Nassa; Steinmann & Wilckens. 6159.  
 ——— Turbonilla; Steinmann & Wilckens. 6159.  
 ——— n. var. *Cardita elegantoides*; Steinmann & Wilckens. 6159.  
 ——— n. var. *Cominella obesa*; Steinmann & Wilckens. 6159.  
*fusififormis* n. f. *Picea latisquamosa*; Kinkelin. 5564.  
*fusififormis* Stichocapsa; Hinde. 5691.  
*gallicus* Cypselavus; Gaillard. 5601.  
*gallienii* Lepidocyclina; Lemoine & Douvillé. 5808.  
*gampsodactylum tenue* Ichnium; Pabst. 5948.  
*gardonense* Parallelodon; Cossmann. 5487.  
*gardonensis* Pseudonerinea; Cossmann. 5487.  
*gardonica* Agria; Toucas. 6186.  
*Garumnaster* n. gen. Lambert. 5787.  
*gasepiou* Cordania; Clarke. 5454.  
*gaspense* Platyceras; Clarke. 5454.  
*gaspensis* Bellerophon; Clarke. 5454.  
 ——— n. mut. *Orthotetes woolworthanus*; Clarke. 5454.  
 ——— n. var. *Phacops logani*; Clarke. 5454.

- gaspensis* n. var. *Rensselaeria ovoides*; Clarke. 5454.  
*Gaspesia* n. gen. Clarke. 5454.  
 ——— *Holopea*; Clarke. 5454.  
*gatticensis* Nassa; Martinelli. 5866.  
*gaudryi* *Echinospatagus*; Cottreau. 5494.  
*gautieri* *Diplodetus*; Cottreau. 5494.  
 ——— *Harpoceras*; Thevenin. 6180.  
*gaveyi* *Dalmanites*; Clarke. 5454.  
*gayi* Semele; Arnold. 5309.  
*gebleri* *Sphenophyllum*; Zaleskij. 6294.  
*geikiei* *Oryctocara*; Walcott. 6222.  
*geinitzi* n. var. *Rastrites approximatus*; Törnquist. 6184.  
*gemmatus* *Chaunograptus*; Ruedemann. 6053.  
*generosa* Rages; Meunier. 5890.  
*geniculatus* n. var. *Dicranograptus spinifer*; Ruedemann. 6053.  
*geranus* n. var. *Productus horridus*; Eisel. 5556.  
*gervaisi* *Chrysophrys*; Leriche. 5812.  
*geyeri* *Leptocheilus*; Till. 6183.  
 ——— *Tubina*; Spitz. 6139.  
 ——— n. var. *Karpinskia consuelo*; Gortani. 5631.  
*gibber* *Hadrocheilus*; Till. 6183.  
*gibberoides* *Hadrocheilus*; Till. 6183.  
*gibberiformis* *Hadrocheilus*; Till. 6183.  
*gigantea* *Lyopora*; Knod. 5768.  
*giganteus* *Lepus*; Brown. 5395.  
*Gigantosaurus* n. gen. Fraas. 5585.  
*gilberti* *Obolus*; Walcott. 6222.  
*gipsata* *Actaeonina*; Zeller. 6302.  
*giraudi* *Lepidocyclina*; Douvillé. 5843.  
*girvanensis* n. var. *Cybele loveni*; Reed. 6016.  
*glaber* *Boechianites*; Kitchin. 5765.  
*glaberior* *Kokenella*; Kittl. 5766.  
*glandula* *Dictyonitza*; Hinde. 5691.  
*globata* *Tenodonta*; Knod. 5768.  
*globigeriniformis* *Truncatulina*; Spandel. 6137.  
*globosus* *Bellerophon*; Knod. 5768.  
 ——— *Enteletes*; Girty. 5622.  
 ——— *Zophocrinus*; Slocum. 6132.  
*globula* *Sphaera*; Karakaš. 5748.  
*globularis* *Hypothyris* (?); Kindle. 5762.  
*globulosa* n. var. *Cardita intermedia*; Cerulli-Irelli. 5437.  
*goepperti* *Phyzematopitys*; Platen. 5986.  
*goldfussi* *Isastraea*; Karakaš. 5748.  
*Gonatocheilus* n. gen. Till. 6183.  
*gothica* *Alaria*; Krause. 5780.  
*gothicus* *Pecten*; Krause. 5780.  
*gotlandica* *Monotropa*; Hennig. 5676.  
 ——— *Prasopora*; Hennig. 5676.  
 ——— *Solenopora*; Rothpletz. 6050.  
*gotlandicum* *Sphaerocodium*; Rothpletz. 6050.  
*gracile* *Dentalium*; Grönwall & Harder. 5649.  
 ——— *Eusyngium*; Hinde. 5691.  
*gracilis* *Acilia*; Häberle. 5652.  
 ——— *Brachystoma*; Meunier. 5890.  
 ——— *Chaunograptus*; Clarke. 5454.  
 ——— *Cyrtoceras*; Cleland. 5457.  
 ——— *Favia*; Karakaš. 5748.  
 ——— *Naticopsis*? Spitz. 6139.  
 ——— *Oppelia*; Oppenheimer. 5936.  
 ——— *Putorius*; Brown. 5395.  
 ——— *Sellosaurus*; Huene. 5712.  
 ——— *Spongodiscus*; Hinde. 5691.  
 ——— n. subsp. *Ichuium gampso-dactylum*; Pabst. 5948.  
*gracillima* n. comb. *Aneimia* (?); Cockerell. 5472.  
*grandegrevensis* *Craniella*; Clarke. 5454.  
*grandis* *Anisocardia*; Krause. 5780.  
 ——— *Caulopteris*; Zeiller. 6298.  
 ——— *Sonneratia*; Sincoy. 6131.  
 ——— n. subsp. *Vespertilio fuscus*; Brown. 5395.  
*grandistoma* *Saccamina*; Spandel. 6137.  
*grangeri* *Aspideretes*; Hay. 5672.  
 ——— *Palaeosyops*; Osborn. 5912.  
*granifer* *Aspideretes*; Hay. 5668.

- graniformis* Ataphrus; Cossmann. 5487.  
*granulicollis* Corymbites; Wickham. 6245.  
*granulifera* n. nom. Beyrichia; Ulrich & Bassler. 6202.  
*granuloides* Verticordia; Aldrich. 5284.  
*granulosa* Catenicella; Canu. 5415.  
 ——— Stenopora; Girty. 5622.  
*gratiosa* n. var. Pugnax bisulcata; Girty. 5622.  
*gregaria* Loxonema; Knod. 5768.  
*gregarium* Streptorhynchus; Girty. 5622.  
*gregoryi* Cribrilina; Brydone. 5398.  
*griffithi* Membranipora; Brydone. 5398.  
*griffoni* Dalmanites; Clarke. 5454.  
*grignonensis* Caberoides; Canu. 5415.  
*groeneveldtii* Leptobos; Dubois. 5547.  
*gronensis* Mysidiopora; Wittenburg. 6264.  
 ——— Turbo. Wittenburg. 6264.  
*grossouvrei* Agria; Toucas. 6186.  
 ——— Chlamys; Cossmann. 5486.  
*guadalupae* Fistulipora; Girty. 5622.  
*guadalupense* Orthoceras; Girty. 5622.  
 ——— n. var. Waagenoceras eumingsi; Girty. 5622.  
*guadalupensis* Acanthoeladia; Girty. 5622.  
 ——— Amblysiphonella; Girty. 5622.  
 ——— Aviculipecten; Girty. 5622.  
 ——— Dielasma; Girty. 5622.  
 ——— Fenestella; Girty. 5622.  
 ——— Leptodus; Girty. 5622.  
 ——— Orthotetes; Girty. 5622.  
 ——— Productus; Girty. 5622.  
 ——— Pteria; Girty. 5622.  
 ——— n. var. Ambocoelia plani-convexa; Girty. 5622.  
 ——— n. var. Composita mexicana; Girty. 5622.  
 ——— n. var. Fistulipora grandis; Girty. 5622.  
*Gaudalupia* n. gen. Girty. 5622.  
*guebhardi* Perisphinctes; Oppenheimer. 5936.  
*gümbeli* Clymenia; Wedekind. 6235.  
 ——— Dimeroceras; Wedekind. 6235.  
*gummosum* Pruninium; Platen. 5986.  
*guesnini* Platyceras; Clarke. 5454.  
*gueymardi* Thurmania; Sayn. 6064a.  
*gunnehensis* Coptosoma; Gregory. 5645.  
*guthriensis* Astarte; Newton. 5922.  
*guyottii* n. comb. Phegopteris; Cockerell. 5472.  
*gymnitiformis* n. f. Monophyllites; Kittl. 5766.  
*Gyremys* n. gen. Hay. 5672.  
*Hadrocheilus* n. gen. Till. 6183.  
*hagighiolensis* Daonella; Kittl. 5766.  
*haldonensis* Opis; Woods. 6273.  
*hali* Gyroceras (?); Wedekind. 6235.  
*Halticosaurus* n. gen. Huene. 5712.  
*hamiltoni* Isis; Thomson. 6182.  
*handmanni* Craspedopoma; Troll. 6194.  
*hanitschi* Gervillia; Newton. 5922.  
*harderi* Turbouilla; Grönwall & Harder. 5649.  
*harrisi* Pyrazisinus; Maury. 5873.  
*hartuageli* Ptilograptus; Ruedemann. 6053.  
*hatcheri* Brontotherium; Osborn. 5942.  
 ——— n. nom. Diceratops; Lull. 5666.  
*haugi* Heteroceras; Karakas. 5748.  
*hauthali* Leopoldia; Favre. 5574.  
*haydeni* Micromitra; Walcott. 6222.  
 ——— Paliurus; Cockerell. 5472.  
*haydenii* Weinmannia; Cockerell. 5472.  
*hecoxi* Fusus; Arnold. 5309.  
*hectori* Burlingia; Walcott. 6222.  
*helena* Albertella; Walcott. 6222.  
*Heleophilus* n. gen. Broom. 5389.  
*Helichthys* n. gen. Broom. 5388.  
*helictoxyloides* Ficoxylon; Platen. 5986.  
*Heliospongia* n. gen. Girty. 5622a.  
*Helopanopia* n. gen. Hay. 5672.

- helvetica* Diademopsis ; Tornquist. 6185.  
*Hemichonopus* n. gen. Steinmann & Wilckens. 6159.  
*hemi* Acaste ; Richter. 6039.  
*heptagoniatus* Turbo ; Cossmann. 5487.  
*hera* Athyris ; Clarke. 5454.  
 ——— n. var. *Acrothete subsidua* ; Walcott. 6222.  
*hercynicus* Hadrocheilus ; Till. 6183.  
*hermannianus* Thecodontosaurus ; Huene. 5712.  
*heros* n. nom. Bellerophon ; Spitz. 6139.  
*Heterelasma* n. gen. Girty. 5622.  
*Heterocoelia* n. gen. Girty. 5622A.  
*Heterophilicites* n. gen. Berry. 5332.  
*hettneri* Colubrella ; Häberle. 5652.  
*hexagona* Clymenia ; Wedekind. 6235.  
*hexagonale* Dentalium ; Richardson. 6038.  
*hillana* Domopora ; Girty. 5622.  
*Hillanus* Chonetes ; Girty. 5622.  
*hilli* Fenestella ; Girty. 5622.  
 ——— *Spiriferina* ; Girty. 5622.  
*hispida* Cenosphaera ; Hinde. 5691.  
 ——— *Stichocapsa* ; Hinde. 5691.  
*hitzeli* Hoplites ; Jacob. 5726.  
*hobler* hillensis Holcostephanus ; Favre. 5574.  
*holimanni* Macrolon ; Knod. 5768.  
*Hollina* n. gen. Ulrich & Bassler. 6202.  
*holmi* Spongiostroma ; Rothpletz. 6050.  
*holmii* Conularia ; Wiman. 6260.  
*holubi* Trigonina ; Kitchin. 5765.  
*holzapfeli* n. nom. Platyceras ; Spitz. 6139.  
*hoplitoideis* Holcodiscus ; Karakaš. 5748.  
*Hoplochelys* n. gen. Hay. 5672.  
*hoppeianus* n. var. *Productus horridus* ; Eisel. 5556.  
*horridus* n. mut. *Glossograptus ciliatus* ; Ruedemann. 6053.  
*hospitalis* Natica ; Oppenheim. 5934.  
*h. philippi* Capulus ; Häberle. 5652.  
*Huenella* n. gen. Walcott. 6222.  
*hughesiana* Crossotheca ; Kidston. 5754.  
*humatus* Hadrocheilus ; Till. 6188.  
*humei* Acanthechinopsis ; Gregory. 5645.  
 ——— *Brissospatangus* ; Fourtau. 5583.  
 ——— *Favia* ; Gregory. 5644.  
*humilis* Tricolocapsa ; Hinde. 5691.  
*hungarica* Cythereis ; Méhes. 5877.  
*hungaricum* Phylloceras ; Vadasz. 6205.  
*hunti* Stropheodonta ; Clarke. 5454.  
*Hyanesuchus* n. gen. Broom. 5384.  
*Hydropessum* n. gen. Broom. 5388.  
*hydruntinus* Equus ; Regalia. 6019.  
*hystriacula* Strophalosia ; Girty. 5622.  
*hysudrindicus* Elephas ; Dubois. 5547.  
*ickei* Clava ; Schepman. 6068.  
*idahoensis* Zacanthoides ; Walcott. 6222.  
*idmonoides* Spiropora ; Beutter. 5345.  
*iheringi* Siphonalia ; Steinmann & Wilckens. 6159.  
*immersum* Cyclonema ; Spitz. 6139.  
*impensa* Testudo ; Hay. 5672.  
*imponens* Araucaria ; Dusén. 5550.  
*inaequale* Cedroxylon ; Reiss. 6025.  
*inauris* Dicolocapsa ; Hinde. 5691.  
 ——— *Stichocapsa* ; Hinde. 5691.  
*incerta* Holopella ; Spitz. 6139.  
 ——— *Posidonomya* ; Airaghi. 5280.  
*incertus* Otolithus ; Priem. 6001.  
*inconspicuum* Loxonema ? Girty. 5622.  
*incrassatus* Aviculopecten ; Clarke. 5454.  
*increscens* n. f. *Orthoceras* ; Kittl. 5766.  
*incrustans* Domopora ; Girty. 5622.  
*incurvus* Ampyx ; Reed. 6016.  
*indentatus* Productus ; Girty. 5622.  
*indiaensis* Hartina ; Girty. 5622A.  
*indica* Nucula ; Wittenburg. 6266.  
*indo-rossicum* Aspidoceras ; Borisjak. 5355.

- mequalis* Bicarpellites ; Perkins. 5971.  
 ——— Prunoides ; Perkins. 5971.  
*iners* Bellerophon ; Spitz. 6139.  
*infelix* Aviculipecten ; Girty. 5622.  
*inflata* Anomia ; Krause. 5780.  
 ——— Cyclotrypa ; Hennig. 5676.  
*inflatum* Cicer ; Kinkelin. 5564.  
*inflatus* Neolenus ; Walcott. 6222.  
*inflexum* Sporadoceras ; Wedekind. 6235.  
*in fossa* Tenthredo ; Brues. 5396.  
*infraliasicum* Phylloceras ; Vadász. 6205.  
*ingravata* Naiadochelys ; Hay. 5672.  
*initialis* n. var. *Productus horridus* ; Eisel. 5556.  
*inostranzewi* Ptychoceras ; Karakaš. 5748.  
*insectiformis* n. mut. *Cryptograptus tricornis*. Ruedemann. 6053.  
*insignis* Tetraceratops ; Matthew. 5871.  
*insiliens* Thescelus ; Hay. 5672.  
*insolita* Rhamphomyia ; Meunier. 5890.  
*instabilis* Lophospira ; Donald. 5526.  
*insularis* Laurelia ; Dusén. 5550.  
*integra* Desmopteris ; Potonié. 5999.  
 ——— *Pachistima* (?) ; Cockerell. 5472.  
*intermedia* n. var. *Annularia sphenophylloides* ; Peola. 5969.  
 ——— *Spiroplecta* ; Spandel. 6137.  
 ——— n. var. *Monograptus colonus* ; Vinassa de Regny. 6214.  
 ——— n. var. *Rhacophyllites gigas*. Vadász. 6205.  
*intermedium* Protocardium ; Krause. 5780.  
*intermedius* Dolichorhinus ; Osborn. 5942.  
 ——— Neolenus ; Walcott. 6222.  
*intercostatum* Crioceras ; Hasebrink. 5665.  
*interstriata* Kellia ; Aldrich. 5284.  
*involuta* Clymenia ; Wedekind. 6235.  
 ——— *Rhamphomyia* ; Meunier. 5890.  
*involuta* n. var. *Aegoceras adnethicum* ; Vadász. 6205.  
 ——— n. var. *Arietites altesulcatus*. Vadász. 6205.  
*inzoensis* Wimanella ; Walcott. 6222.  
*irregularis* Akidocheilus ; Till. 6183.  
 ——— *Spatiopora* ; Hennig. 5676.  
*ischnotera* Thurmania ; Sayn. 6064A.  
*isis* Lithodomus ; Cossmann. 5489.  
 ——— *Testudo* ; Andrews. 5923.  
*isjumica* Witchellia ; Borisiač. 5355.  
*isoclina* Hardella ; Dubois. 5547.  
*italica* Dechenella ; Gortani. 5631.  
 ——— *Pleurotomaria* ; Spitz. 6139.  
*italicus* Desmograptus ; Vinassa de Regny. 6214.  
*jablau* Cerithium ; Oppenheim. 5934.  
*jacquemeti* Diplocidaris ; Lambert. 5788.  
*jaculum* Eusyringium ; Hinde. 5691.  
*janiroides* Chlamys ; Cossmann. 5486.  
*jamani* Trachenys ; Hay. 5672.  
*javanicus* n. var. *Stegodon ganesa* ; Dubois. 5547.  
*j. böhmi* Naticella ; Häberle. 5652.  
*jeffreysi* Araucaria ; Berry. 5334.  
*jeffreysi* Poteriocrinus ; Rowley. 6052.  
*jespersenii* Myoconcha ; Malling & Grönwall. 5858.  
*jezoense* Alnoxyylon ; Reiss. 6025.  
*jimboi* Pityoxyylon ; Reiss. 6025.  
*joffrei* Lepidocyclus ; Lemoine & Douvillé. 5808.  
*johnstrupi* Turbo ; Grönwall & Harder. 5649.  
*jolyi* Harpoceras ; Thevenin. 6180.  
*Jonesina* n. gen. Ulrich & Bassler. 6202.  
*jukes-brownei* Cribrilina ; Brydone. 5398.  
*jumeau* Aviculopecten ; Clarke. 5454.  
*jurassicus* Ephyropsites ; Ammon. 5289.  
*j. waltheri* Palaeotriton ; Häberle. 5652.  
*Kallistira* n. gen. Hay. 5672.  
*kamenka* Witchellia ; Borisiač. 5355.  
*kanabensis* Nisusia ; Walcott. 6222.

- kannemeyeri *Hydropessum*; Broom. 5388.  
 ——— *Trematosaurus*; Broom. 5389.  
 kansasensis *Maeandrostia*; Girty. 5622A.  
 ——— *Tegulifera*; Girty. 5622A.  
 karpinskyi *Edestus*; Missunianka. 5899.  
 ——— *Nautilus*; Karakas. 5748.  
 katosiroides *Loxonema*; Häberle. 5652.  
 katzeri *Bosnopsannia*; Oppenheim. 5931.  
 ——— *Ostrea*; Oppenheim. 5934.  
 ——— *Stropheodonta*; Knod. 5768.  
 kayseri *Dechenella*; Richter. 6039.  
 ——— *Murchisonia*; Spitz. 6139.  
 kelseyi *Tritonofusus*; Dall. 5499.  
 kendengensis *Cervus*; Dubois. 5547.  
 kendengindicus *Rhinoceros*; Dubois. 5547.  
 khobensis *Pecten*; Karakaš. 5748.  
 kidstoni *Equisetum*; Zalësskij. 6294.  
 kiefferi *Archaeomegaptilus*; Meunier. 5892.  
 kiliani *Hadrocheilus*; Till. 6183.  
 ——— *Lytoceras*; Jacob. 5726.  
 kincaidi *Carabites*; Cockerell. 5464.  
 kinkelmi *Haplopora*; Spandel. 6137.  
 ——— *Bolivina*; Spandel. 6137.  
 ——— *Nodosaria*; Spandel. 6137.  
 ——— *Unio*; Haas. 5651.  
*Kirkbyina* n. gen. Ulrich & Bassler. 6202.  
 kittli *Protorca*; Häberle. 5652.  
 klebsi *Asilus*; Meunier. 5894.  
*Kloedenella* n. gen. Ulrich & Bassler. 6202.  
*Kloedenellinae* n. subfam. Ulrich & Bassler. 6202.  
 knowltoni *Plataminium*; Platen. 5986.  
 knowltoniana *Quercus*; Cockerell. 5465.  
 kochi *Loxoconcha*; Méhes. 5877.  
 ——— *Tornoceras*; Wedekind. 6235.  
 koeneni *Aporrhais*; Grönwall & Harder. 5619.  
 ——— *Hoplites*; Karakaš. 5748.  
 kokeni *Colubrella*; Häberle. 5652.  
 ——— *Euomphalus*; Spitz. 6139.  
 ——— *Ichthyosaurus*; Broili. 5377.  
 ——— *Otolithus*; Priem. 6001.  
 ——— *Pecten*; Wittenburg. 6266.  
 ——— *Pseudomonotis*; Wittenburg. 6263.  
 ——— *Pseudomurchisonia*; Wittenburg. 6265.  
 kongazensis n. f. *Dictyoconites*; Kittl. 5766.  
 konowi *Schizocerus*; Rohwer. 6044.  
 koperbergi *Cerithium*; Schepman. 6078.  
 ——— *Drillia*; Schepman. 6068.  
 kraussi *Trigonia*; Kitchin. 5765.  
 kroeseni *Tetracerus*; Dubois. 5547.  
 krotowi *Fusulina*; Schellwien. 6067.  
 kubanicum *Arcicardium*; Andrusov. 5294.  
 kümmelii *Platanus*; Berry. 5332.  
*Kutorginaea* n. superfam. Walcott & Schubert. 6222.  
 labioides n. var. *Inoceramus dimidius*; Shimer. 6115.  
 lacer *Adocus*; Hay. 5672.  
 laeivostatum *Platyceras*; Knod. 5768.  
 laevigata *Dictyomitra*; Hinde. 5691.  
 ——— *Meniscopora*; Canu. 5115.  
 laevigatus *Akidocheilus*; Till. 6183.  
 laevior n. var. *Odontostoma undiferum*; Grönwall & Harder. 5619.  
 laevis *Equisetites*; Halle. 5656.  
 ——— *Trigonodon*; Priem. 6002.  
 lagena *Pharmacortis*; Hinde. 5691.  
 laghetensis *Scytalia*; Pošta. 5988.  
 lahondaensis n. var. *Chlorostoma stan- toni*; Arnold. 5309.  
 lahmenti *Astarte*; Cossmann. 5189.  
 ——— *Clathrolima*; Cossmann. 5189.  
 lamberti *Acanthodiscus*; Sayn. 6064.  
 ——— *Silesites*; Jacob. 5726.  
 ——— *Spatangus*; Checchia-Ris- poli. 5110.  
 laminarum n. nom. *Myrsine*; Cockerell. 5172.

- laminarum* Phora ; Brues. 5397.  
 ——— Stipa ; Cockerell. 5472.  
*lanceolatus* Bicarpellites ; Perkins. 5971.  
*landui* Aegoceras ; Boehm. 5349.  
 ——— Harpoceras ; Boehm. 5349.  
*laqueatus* Aviculipecten ; Girty. 5622.  
*laspeanus* n. var. *Productus horridus* ; Eisel. 5556.  
*lateinensis* Perisphinctes ; Oppenheimer. 5936.  
*latemanensis* Worthenia ; Häberle. 5652.  
*latespinatus* Thecodontosaurus ; Huene. 5712.  
*latiixiatus*, Illaenus ; Raymond. 6013.  
*laticarinata* Bucaniella ; Knod. 5768.  
*laticostatus* Acanthohoplites ; Sincoy. 6131.  
*latidorsatus* *Productus* ; Girty. 5622.  
*latifrons* Eubæna ; Hay. 5672.  
*latimanus* Trinacromerum ; Williston. 6256.  
*latiradiata* Felixia ; Platen. 5986.  
*latispira* n. var. *Siderolithes rhomboidalis* ; Osimo. 5946.  
*latissimus* Spirorbis ; Clarke. 5454.  
*latum* Poterioceras ; Wedekind. 6235.  
*latumbonatus* Perisphinctes ; Oppenheimer. 5936.  
*latus* Bicarpellites ; Perkins. 5971.  
 ——— Climacograptus ; Elles & Wood. 5562.  
 ——— Hadrocheilus ; Till. 6183.  
 ——— Perisphinctes ; Oppenheimer. 5936.  
*laurentinum* n. var. *Pleurodictyum lenticulare* ; Clarke. 5454.  
*laxa* Spiriferina ; Girty. 5622.  
*leboutillieri* Platyceras ; Clarke. 5454.  
*leclercqi* n. var. *Pleurotomaria sulcomarginata* ; Clarke. 5454.  
*leclercquia* Tentaculites ; Clarke. 5454.  
*lecointsee* Tristomastus ; Lambert. 5789.  
*leda* n. var. *Obolus tetonensis* ; Walcott. 6222.  
*leenhardti* Aegialornis ; Gaillard. 5604.  
*lehmann-nitschei* Gibbula ; Steinmann & Wilckens. 6159.  
*lehuquetiana* Rhipidomella ; Clarke. 5454.  
*leidyi* Palaeosyops ; Osborn. 5942.  
*lejeunii* Platyceras ; Clarke. 5454.  
*lelaini* Dictyomitra ; Hinde. 5691.  
*lemkei* Turbo ; Wittenburg. 6263.  
*lemoinei* Acrosalenia ; Lambert & Lemoine. 5793.  
 ——— Hoplites ; Jacob. 5726.  
 ——— Otolithus ; Priem. 6001.  
*lemotensis* Habrocrinus ; Slocum. 6132.  
*leobersdorfensis* Clausilia ; Troll. 6194.  
 ——— Helix ; Troll. 6194.  
*leonis* n. nom. Juglans ; Cockerell. 5465.  
 ——— Sapindus ; Cockerell. 5472.  
*leopolitana* Ostrea ; Niedzwiedzki. 5924.  
*lepaticus* Odontocaulis ; Ruedemann. 6053.  
*Leptodiscus* n. gen. Rowley. 6052.  
*leptopleura* Pseudomonotis ; Wittenburg. 6263.  
*lerichei* Heterocella ; Canu. 5413.  
 ——— Otolithus ; Priem. 6001.  
*lerogense* Dictyonema ; Gurley. 6053.  
*lescarboi* Trochænema ; Clarke. 5454.  
*Lescuria* n. gen. Perkins. 5971.  
*lesleyi* Huenella ; Walcott. 6222.  
*lesquerenxi* Quercinium ; Platen. 5986.  
 ——— Weinmannia ; Cockerell. 5472.  
*lethe* Cerithium ; Oppenheim. 5934.  
*levis* Bathyrus (?) ; Cleland. 5457.  
 ——— Hicoroides ; Perkins. 5971.  
 ——— Lithocampe ; Hinde. 5691.  
 ——— Prodiscus ; Hinde. 5691.  
*levisensis* Acrothele ; Walcott. 6222.  
*liancourti* Schizostoma ; Canu. 5415.  
*liasina* Piroutetia ; Meunier. 5887.  
*libycus* n. var. *Schizaster vicinialis* Fourtau. 5583.  
*lidouxi* Myopholas ; Douvillé. 5535.

- lierensis* Pecten; Mariani. 5861.  
*lignifera* Arca; Aldrich. 5284.  
*ligurinum* Ocoteoxylon; Schuster. 6085.  
*lijdeckeri* Manis; Dubois. 5547.  
*limnaeiformis* Paludestrina; Caziot. 5429.  
*limata* Orbiculoidea; Rowley. 6052.  
*limbatus* Productus; Girty. 5622.  
*lindgreni* Aralinium; Platen. 5986.  
*lindstroemi* Aucella; Sokolov. 6136.  
*lindströmi* Ceramopora; Hennig. 5676.  
*linearis* n. var. *Nemagraptus exilis*; Ruedemann. 6053.  
*lineata* Anthonya; Kitchin. 5765.  
*lineatus* n. var. *Climacograptus antiquus*; Elles & Wood. 5562.  
*lincolata* Lingula; Rowley. 6052.  
*lituites* Euomphalus; Spitz. 6139.  
*lobata* n. var. *Astrocoenia foliacea*; Dollfus. 5525.  
*lörentheyi* Cythereis; Méhes. 5877.  
*logani* Rhipidomella; Clarke. 5454.  
*Loxochrinus* n. gen. Jaekel. 5729.  
*longa* n. var. *Fronicularia carinata*; Issler. 5725.  
*longaeva* Rhynchonella; Girty. 5622.  
*longauris* Pecten; Wittenburg. 6265.  
*longi* Neocomites; Sayn. 6064a.  
*longicornis* Trichopeza; Meunier. 5890.  
*longierus* Felis; Brown. 5395.  
*longinsulae* Terrapene; Hay. 5668.  
*longirostris* Cuthyneuriella; Meunier. 5890.  
*longissima* Cytherideis; Méhes. 5877.  
*longohasta* Hadrocheilus; Till. 6183.  
*longotarsus* Halticosaurus; Huene. 5712.  
*loossi* Cephalotaxus; Kinkelin. 5564.  
*lorennense* n. var. *Mysidioptera vix-costata*; Mariani. 5861.  
*lorenzanum* n. var. *Cardium cooperi*; Arnold. 5309.  
*lorenzoensis* Architectonica; Arnold. 5309.  
 ——— Tellina; Arnold. 5309.  
*lorioli* Acanthohoplites; Sincov. 6131.  
 ——— Cardioceras; Oppenheimer. 5936.  
 ——— Echinocyamus; Checchia-Rispoli. 5440.  
 ——— Rachiosoma; Lambert. 5787.  
*lorteti* Paraortyx; Gaillard. 5604.  
*lotzi* Clymenia; Wedekind. 6235.  
*louise* Micromitra; Walcott. 6222.  
*lowi* Lalmanites; Clarke. 5454.  
 ——— Nisusia; Walcott. 6222.  
*loxohelix* Joannites; Frech & Rentz. 5592.  
*lucensis* Thurmania; Sayn. 6064a.  
*lunariata* Crepipora; Hennig. 5676.  
*lutugini* Fusulina; Schellwien. 6067.  
*lycetti* nom. mut. Trapezium; Cossmann. 5486.  
*lyonsi* Prionastraea; Gregory. 5644.  
 ——— Ptolemaia; Osborn. 5941.  
*lyratiformis* Quercus; Cockerell. 5472.  
*Lytoceras* n. sp. ind. Vadász. 6205.  
*macconochiei* Pinakodendron; Kidston. 5755.  
*macrognathus* Sus; Dubois. 5547.  
*macrostrobilina* Pinus; Menzel. 5879.  
*madagascariensis* Ceromya; Thevenin. 6180.  
 ——— Harpoceras; Thevenin. 6180.  
 ——— n. var. *Harpoceras indytum*. 6180.  
 ——— n. var. *Spiriferina rostrata*; Thevenin. 6180.  
*Maeandrostia* n. gen. Girty. 9622a.  
*magna* Turritella; Karakaš. 5748.  
*magnicostatus* Aulosteges; Girty. 5622.  
*magnificum* Loxonema; Spitz. 6139.  
*magniporosum* Anacardioxylon; Platen. 5986.  
*magniventris* Ankylosaurus; Brown. 5394.  
*magnetuberculata* Medlicottia; Černov. 5433.  
*magnum* Orthoceras; Wedekind. 6235.  
*magnus* Pachysaurus; Huene. 5712.



- major Bicarpellites ; Perkins. 5971.  
 ——— Billingsella ; Walcott. 6222.  
 majus Saghatherium ; Andrews. 5293.  
 malayana Spiriferina ; Boehm. 5349.  
 mamillata Coenosphaera ; Hinde. 5691.  
 manducans Tennotrionyx ; Hay. 5672.  
 manfredi Cerithium ; Oppenheim. 5934.  
 mangouchensis Aporrhais ; Karakaš. 5748.  
 manzonii Psammechinus ; Nelli. 5920.  
 ——— Spondylus ; Nelli. 5920.  
 marbuti Pernopecten ? Rowley. 6052.  
 marginalis Kloedenia ; Ulrich & Bassler. 6202.  
 marinelli Loxonema ; Gortani. 5631.  
 marion Billingsella ; Walcott. 6222.  
 marjumensis Acrotreta ; Walcott. 6222.  
 markmani Serpula ; Henderson. 5673.  
 marshalli Turbo ; Thomson. 6182.  
 martini Cypraea ; Schepman. 6068.  
 ——— Modiola ; Schepman. 6068.  
 martini Turricula ; Schepman. 6068.  
 marylandica Bauhinia ; Berry. 5335.  
*Mastigograptus* n. gen. Ruedemann. 6053.  
 mateoensis Patella ; Arnold. 5309.  
 matthewi Limnohyops ; Osborn. 5942.  
 mauchei Sciaenidarum ; Leriche. 5813.  
 maxima n. mut. Pupilla eumeces ; Boettger. 5352.  
 maximus Parahoplites ; Sincov. 6131.  
 media Rhamphomyia ; Meunier. 5890.  
 ——— Sonneratia ; Sincov. 6131.  
 medioconcava Turritella ; Oppenheim. 5934.  
 medius Bicarpellites ; Perkins. 5971.  
 meduacensis Cerithinella ; Campana (Del). 5409.  
 meekanus Productus ; Girty. 5622.  
 megadictyon Dictyonema ; Gurley. 6053.  
 megaphylla Sorbus ; Cockerell. 5472.  
*Megopterna* n. gen. Douglass. 5530.  
 melkarthi Stephanocoenia ; Felix. 5576.  
 mellahica Orbicella ; Gregory. 5644.  
 membranacea Fistulipora ; Hennig. 5676.  
 membranaceous Obolus ; Walcott. 6222.  
 memorabilis Illaenus ; Reed. 6016.  
 menadensis Cancellaria ; Schepman. 6068.  
 ——— Obeliscus ; Schepman. 6068.  
 mendipense Carcinophyllum ; Sibly. 6116.  
 mendonense Doryplegma ; Hinde. 5691.  
 mendonensis Lithocampe ; Hinde. 5691.  
 mensae n. nom. Rhus ; Cockerell. 5465.  
 mensurans Dicellograptus ; Ruedemann. 6053.  
 menuthias Hypodiadema ; Lambert & Lemoine. 5793.  
 meridionalis Trochus ; Karakaš. 5748.  
 merriami Cidaris ; Arnold. 5309.  
 ——— Salix ; Cockerell. 5465.  
*Mesatirhinus* n. gen. Osborn. 5942.  
*Metaphiomys* n. gen. Osborn. 5941.  
*Metarhinus* n. gen. Osborn. 5942.  
 mica Pleurotomaria ; Girty. 5622.  
 michaleti Garumnaster ; Lambert. 5787.  
 michalskii Cosmoceras ; Borisšak. 5355.  
*Mickwitzella* n. subgen. Walcott. 6222.  
 microgale Felis ; Dubois. 5547.  
 micromorpha Nerinea ; Cossmann. 5487.  
 microphlyctis Cardium ; Cossmann. 5487.  
*Microphthalmus* n. sub. gen. Gortani. 5631.  
 microporum Smittisoma ; Canu. 5415.  
 microtis Pecten ; Wittenburg. 6265.  
 milaschewitchi Phylloceras ; Karakaš. 5748.  
 milwaukeeensis Nematophycus ; Penhallow. 5968.  
 minahassae Drillia ; Schepman. 6068.  
 ——— Turricula ; Schepman. 6068.  
 minima Fusulina ; Schwellwien. 6067.  
 ——— Limopsis ; Grönwall & Harder. 5649.  
 ——— Naticopsis ? Spitz. 6139.  
 ——— Sterculia ; Berry. 5332.  
 ——— Terebratella ; Karakaš. 5748.

- minimum* Orthoceras; Rowley. 6052.  
 ——— Polygonum; Kinkelin. 5564.  
*minor* Cleithrolepis; Broom. 5388.  
 ——— Teratosaurus; Huene. 5712.  
 ——— n. subsp. *Ichnium gampso-*  
*dactylum*; Pabst. 5948.  
 ——— n. subsp. *Ichnium sphaero-*  
*dactylum*; Pabst. 5948.  
 ——— n. var. *Krithe parallela*;  
 Méhes. 5877.  
*minuens* n. f. *Nautilus*. Kittl. 5766.  
*minuta* Alethopteris; Zeiller. 6298.  
*minuta* Eskdalia; Kidston. 5755.  
 ——— *Megopterna*; Douglass.  
 5530.  
*minutissima* Bolivina; Spandel. 6137.  
 ——— *Saccamina*; Spandel. 6137.  
*minutus* Turbo; Kitchin. 5765.  
*minutus* Microsorex; Brown. 5395.  
*mira* Amyda; Hay. 5672.  
*mirabilis* Caldecluvia; Dusén. 5550.  
 ——— Polysiphon; Girty. 5622.  
*mirifica* Natica; Kitchin. 5765.  
*mirus* Illaenus; Wiman. 6260.  
 ——— *Prolobites*; Wedekind. 6235.  
*misera* Tenthredo; Brues. 5396.  
*miserabilis* n. var. *Climacograptus*  
*scalaris*; Elles & Wood.  
 5562.  
*mississippiensis* *Climacograptus*; Ruede-  
 mann. 6053.  
*missouriensis* *Lingula*; Rowley. 6052.  
 ——— *Merychippus*; Douglass.  
 5528.  
*mobergii* *Equisetites*; Moeller. 5656.  
*möbii* *Heracleites*; Kinkelin. 5564.  
*modderensis* *Holcostephanus*; Kitchin.  
 5765.  
*modesta* *Linnarssonella*; Walcott. 6222.  
 ——— *Macrocheilina*? Girty. 5622.  
 ——— *Ptelea*; Cockerell. 5472.  
*modestus* *Climacograptus*; Ruedemann.  
 6053.  
*modiola* *Modiola*; Clarke. 5454.  
*mödlingensis* *Helix*; Schlosser. 6069.  
*moelleri* *Fusulina*; Schellwien. 6067.  
 ——— *Schizolepis*; Seward. 6103.  
*moenana* *Typha*; Kinkelin. 5564.  
*mörchi* *Scalaria*; Grönwall & Harder.  
 5649.  
*malaria* *Erquelinnesia*; Hay. 5672.  
*molukkana* *Spiriferina*; Boehm. 5349.  
*monoconus* *Limnocypris*; Osborn. 5942.  
*mouolifera* n. var. *Pleurotomaria are-*  
*naria*; Girty. 5622.  
*montaguensis* *Rensselaeria*; Reed. 6017.  
*montana* *Grammysia*; Reed. 6017.  
*montanensis* *Athyris*; Kindle. 5762.  
*montanensis* n. var. *Atrypa spinosa*;  
 Kindle. 5762.  
*montanus* *Aphelops*; Douglass. 5527.  
 ——— *Coriphagus*; Douglass.  
 5530.  
 ——— *Glyptopsaurus*; Douglass.  
 5529.  
 ——— *Ptilodus*; Douglass. 5530.  
*montereyana* *Mactra*; Arnold. 5309.  
 ——— *Venericardia*; Arnold. 5309.  
*monticola* *Euomphalus*; Spitz. 6139.  
*montis fluvii* *Anoplophoria*; Zeller.  
 6302.  
 ——— *Orbiculoidea*; Clarke. 5454.  
*moodeyi* *Beyrichia*; Ulrich & Bassler.  
 6202.  
*morganensis* *Liriodendron*; Berry. 5332.  
*morgani* *Lepidocyelina*; Lemoine &  
 Douville. 5808.  
*moritura* n. var. *Platystrophia lynx*;  
 Cumings. 5490.  
*morrisiae* *Clemmys*; Hay. 5672.  
*morsii* *Cranoena*; Greger. 5643.  
*mortensini* *Protobrissus*; Lambert.  
 5787.  
*mortua* *Aristolochia*; Cockerell. 5472.  
*muconata* *Stichocapsa*; Hinde. 5691.  
*mülleri* *Cythereis*; Méhes. 5877.  
*münsteri* *Cyrtoceras*; Wedekind. 6235.  
*multannulatus* n. var. *Acteon pomilius*;  
 Aldrich. 5284.  
*multicostatus* *Monocarpellites*; Perkins.  
 5971.  
 ——— *Parahoplites*; Sincov. 6131.  
*multilineata* *Pleurotomaria*; Girty.  
 5622.

- multilirata* Meekella; Girty. 5622.  
*multiplicata* Nassa; Schepman. 6068.  
*multiradiatum* Aralinium; Platen. 5986.  
*multiramosa* Fascicularia; Steinmann & Wilkens. 6159.  
*multirugatus* Bellerophon (s. g. ?); Reed. 6015.  
*multistriatus* Parallelodon; Girty. 5622.  
*mundesleiensis* Semieschara; Brydone. 5398.  
*munieri* Lepidocyclina; Lemoine & Douvillé.  
*musculosa* Ctenodonta; Knod. 5768.  
*mutabilis* Camarophorella; Hyde. 5722.  
 ———— *Fistulipora*; Hennig. 5676.  
*Myopholas* n. gen. Douvillé. 5535.  
*myricaefolia* n. comb. *Planera*; Cockerell. 5472.  
*naca* Cythere; Méhes. 5877.  
*nagi* Montlivaultia; Airaghi. 5281.  
 ———— *Thamnastraea*; Airaghi. 5281.  
*Naiadochelys* n. gen. Hay. 5672.  
*nalivkini* Quenstedticeras; Borisšak. 5355.  
*naomi* Echmatemys; Hay. 5672.  
*Naomichelys* n. gen. Hay. 5672.  
*nassau* Aspideretes; Hay. 5672.  
*nasuta* Astartella; Girty. 5622.  
 ———— *Derbya*; Girty. 5622.  
*nasutus* *Tamias*; Brown. 5395.  
*nataliae* *Terebratella*; Chimenkov. 5445.  
*natans* *Cymbospondylus*; Merriam. 5883.  
*nathorstii* *Equisetites*; Halle. 5656.  
*navicularis* *Ficus*; Cockerell. 5472.  
*neglecta* *Pleurotomaria*; Girty. 5622.  
*Neobolinae* n. subfam. Walcott & Schuchert. 6222.  
*Neocalamites* n. gen. Halle. 5656.  
*neocomiensis* *Neocomites*; Sayn. 6064A.  
*neocomensis* *Solenomya*; Haupt. 5667.  
*neogaeum* n. var. *Araucarioxylon ari-zonicum*; Platen. 5986.  
*neptunia* *Virgula*; Girty. 5622.  
*neuquensis* *Lucina*; Haupt. 5667.  
*neustruevi* *Unio*; Andrusov. 5295.  
*nevadanus* *Cymbospondylus*; Merriam. 5883.  
*newberryi* n. nom. *Crataegus*; Cockerell. 5472.  
 ———— *Eoorthis*; Walcott. 6222.  
*newsomi* *Pleurotoma*; Arnold. 5309.  
 ———— *Tritonium*; Arnold. 5309.  
*newtonensis* n. subsp. *Mephitis mephitica*; Brown. 5395.  
*newtoni* *Sambucus*; Cockerell. 5465.  
*nicklesi* *Pulchellia*; Karakaš. 5748.  
*nigella* *Nucula*; Reed. 6017.  
*niger* *Sanguinolites*; Reed. 6014.  
*nigrostipellata* *Viborquia*; Cockerell. 5472.  
*nikitini* *Aspidoceras*; Borisšak. 5355.  
*Nisusiinae* n. subfam. Walcott & Schuchert. 6222.  
*nitens* *Holometopus*; Wiman. 6260.  
*nitida* *Pugnax*; Girty. 5622.  
 ———— *Stichocapsa*; Hinde. 5691.  
*nitidulus* n. var. *Spirifer modestus*; Clarke. 5454.  
*nitidus* *Spongodiscus*; Hinde. 5691.  
*nitens* *Linnarssonella*; Walcott. 6222.  
*nodocostatus* *Costidiscus*; Karakaš. 5748.  
*nodosus* *Holcodiscus*; Karakaš. 5748.  
*nodulifera* *Cystothalamia*; Girty. 5622.  
*nolens* *Acaste*; Richter. 6039.  
*non reticulata* *Idmonea*; Beutler. 5345.  
*nordenskjöldi* *Anodonta*; Steinmann & Wilkens. 6159.  
 ———— *Chorus*; Steinmann & Wilkens. 6159.  
 ———— *Nassa*; Steinmann & Wilkens. 6159.  
 ———— *Lauriphyllum*; Dusen. 5550.  
 ———— *Myrica*; Dusen. 5550.  
*notchensis* *Obolus*; Walcott. 6222.  
*Nothofagoxylon* n. gen. Gothan. 5637.  
*nova* *Rhynchonella*; Karakaš. 5748.  
*novae-caesareae* *Santalum*; Berry. 5332.  
*nucleolites* *Echinobrissus*; Faas. 5567.  
*nucleus* *Linea*; Cossmann. 5489.

- nuda *Orthonychia*; Spitz. 6139.  
 ——— *Schizoporella*; Canu. 5415.  
 nummulitispira *Siderolithes*; Osimo. 5946.  
 nyssa *Micromitra*; Walcott. 6222.  
 obconicus *Stephanocrinus*; Slocum. 6132.  
 obliquesculcata *Orthonychia*; Spitz. 6139.  
 obliquestriata *Orthonychia*; Spitz. 6139.  
 obliquus *Pernipecten*; Girty. 5622.  
 obliteratum *Linnobium*; Cockerell. 5465.  
 obliviosus *Trichiosomites*; Brues. 5396.  
 oblonga n. var. *Echinolampas stefanini*; Nelli. 5920.  
 oblonga *Thetironia*; Kitchin. 5765.  
 oblongum *Dentalium*; Richardson. 6038.  
 oblongus *Hadrocheilus*; Till. 6183.  
*Obolellidae* n. fam. Walcott & Schuchert. 6222.  
 obscura *Fagus*; Dusén. 5550.  
 obsoleta *Euconospira*; Girty. 5622.  
 ——— *Fusulina*; Schellwien. 6067.  
 obtusa *Rhamphomyia*; Meunier; 5890.  
 obtusidens *Glyptosaurus*; Loomis. 5842.  
 obtusus *Otolithus*; Priem. 6001.  
 occidentis *Mickwitzia*; Walcott. 6222.  
 occidentalis *Julus*; Grinnel. 5646.  
 ——— *Spirifer*; Kindle. 5762.  
 ocellata *Domopora*; Girty. 5622.  
 ocyrrhoe *Echmatemys*; Hay. 5672.  
 oedaloides *Rhamphomyia*; Meunier. 5890.  
 oehlerti *Platyceras*; Spitz. 6139.  
 offenbachensis *Rotalia*; Spandel. 6137.  
 olcotti *Blastomeryx*; Matthew. 5872.  
 oligocænica *Bolivina*; Spandel. 6137.  
 oligocenum *Pison*; Cockerell. 6042.  
 omalioides *Astarte*; Woods. 6273.  
 onaquiensis *Obolus* ella; Walcott. 6222.  
 oolithicum *Ophthalmidium*; 5606.  
 oosteri *Hadrocheilus*; Till. 6183.  
 opimus n. var. *Productus popei*; Girty. 5622.  
*Ophiderpetontidae* n. fam. Schwarz. 6090.  
 orbicularis *Otolithus*; Priem. 6001.  
 orglandesi *Retepora*; Canu. 5415.  
 orientalis *Epiaster*; Kossmat. 5778.  
 ——— *Omospira*; Donald. 5562.  
 ornatissima *Monia*; Cerulli-Irelli. 5437.  
 ornatus *Bathyriscus*; Walcott. 6222.  
 ——— *Ceratodus*; Broom. 5388.  
 ——— *Plateosaurus*; Huene. 5712.  
*Orthacea* n. superfam. Walcott & Schuchert. 6222.  
 orthoplocus *Perisphinctes*; Oppenheimer. Boden. 5347.  
 Orthothetes n. f. indenom. Gortani. 5631.  
*Oryctocara* n. gen. Walcott. 6222.  
 osascoi *Isastræa*; Airaghi. 5281.  
 ——— *Montlivaultia*; Airaghi. 5281.  
 osborni *Parthenocissus*; Cockerell. 5472.  
 ossifragus *Crocodilus*; Dubois. 5547.  
 ovalis *Neocomites*; Favre. 5574.  
 ——— *Nyssa*; Perkins. 5971.  
 ——— n. var. *Squamularia guadalupensis*; Girty. 5622.  
 ——— *Staphidoides*; Perkins. 5971.  
 ovata n. var. *Notothyris schuchertensis*; Girty. 5622.  
 ovatus *Bicarpellites*; Perkins. 5971.  
 oviformis *Grammysia*; Kuod. 5768.  
 ——— *Pupa*; Schlosser. 6069.  
 ovooides *Lingula*; Knod. 5768.  
 ovata *Lingula* (?); Cleland. 5457.  
 oxfordiensis *Gonatocheilus*; Till. 6183.  
 oxygnatha *Felis*; Dubois. 5547.  
 oxys *Hyalolithus*; Clarke. 5454.  
 ozarkensis n. subsp. *Blarina brevicauda*; Brown. 5395.  
 ——— *Neotoma*; Brown. 5395.  
 pacatus *Nuculites*; Reed. 6017.  
*Pachycorynea* n. gen. Pošta. 5988.

- pachydaetylum* Ichnium; Pabst. 5948.  
 ——— minus Ichnium; Pabst. 5948.  
 ——— ungulatum Ichnium; Pabst. 5948.  
*Pachysaurus* n. gen. Huene. 5712.  
*pacificum* Plantaninium; Platen. 5986.  
*padbergense* Dimeroceras; Wedekind. 6235.  
*palaejavanica* Manis; Dubois. 5547.  
*palaeokerabau* Bubalus; Dubois. 5547.  
*palaeoleptonyx* Lutra; Dubois. 5547.  
*palaeomendjangan* Cervus; Dubois. 5547.  
*Palaeophichthys* n. gen. Eastman. 5551.  
*palaeophila* Fraxinus; Cockerell. 5472.  
*palaeophilus* Philadelphus; Cockerell. 5472.  
*palaeosondaicus* Bibos; Dubois. 5547.  
*palatina* Carbonicola; Schmidt. 6071.  
*paliformis* n. f. Atractites; Kittl. 5766.  
*palmeri* Zaphrentis; Rowley. 6052.  
*paludosa* Hoplochelys; Hay. 5672.  
*pandanicus* Tapirus; Dubois. 5547.  
*pangymna* Lima; Cossmann. 5486.  
*pannonica* Cytheridae; Méhes. 5877.  
*panormitana* Orbitoides; Checchia-Rispoli e Gemmellaro. 5444.  
*pansa* Testudo; Hay. 5672.  
*papillatus* Camptonectes? Girty. 5622.  
*papillosus* Bicarpellites; Perkins. 5971.  
*papointi* Otolithus; Priem. 6001.  
*paquieri* Plesiolampas; Lambert. 5786.  
 ——— Salenia; Lambert. 5787.  
*Paraortyx* n. gen. Gaillard. 5604.  
*parallela* n. var. *Heliospongia ramosa*; Girty. 5622a.  
 ——— Kriethe; Méhes. 5877.  
*Pardosuchus* n. gen. Broom. 5384.  
*parenchymaticum* Aralinium; Platen. 5986.  
*parenti* Hoplites; Jacob. 5726.  
*parki* Pholidostrophia? Rowley. 6052.  
*parolinii* Pecten; Campana (Del). 5408.  
*paronai* Lima; Mariani. 5861.  
 ——— Lucina; Campana (Del). 5409.  
*parva* Fistulipora; Hennig. 5676.  
*parvicella* Rhagasostoma; Fülliozat. 5578.  
*parvidens* Geomys; Brown. 5395.  
*parvocarinata* Opis; Thevenin. 6180.  
*parvula* n. var. *Fusulina prisca*; Schellwien. 6067.  
 ——— Hemipedina; Tornquist. 6185.  
 ——— Idmonea; Beutter. 5345.  
*parvulum* Dentalium; Richardson. 6038.  
 ——— Eusyringium; Hinde. 5691.  
*parvulus* *Palaeophichthys*; Eastman. 5551.  
*parvus* Ancodon; Andrews. 5293.  
 ——— Bicarpellites; Perkins. 5971.  
 ——— Dicellomus; Walcott. 6222.  
 ——— Eohippus; Granger. 5640.  
 ——— Obolus; Walcott. 6222.  
 ——— Tremanotus; Spitz. 6139.  
*pascui* n. f. *Procladiscites* (?); Kittl. 5766.  
 ——— Discina; Kittl. 5766.  
*patagonica* n. var. *Oculina mississippiensis*; Angelis d'Ossat (De). 5296.  
*patagoniensis* Belemnites; Favre. 5574.  
 ——— Berriasella; Favre. 5574.  
 ——— Neocomites; Favre. 5574.  
 ——— Oppelia; Favre. 5574.  
 ——— Pinna; Favre. 5574.  
*patelliformis* Placunopsis; Krause. 5780.  
*patula* Stichocapsa; Hinde. 5691.  
*patulum* Tryblidium; Cleland. 5457.  
*patulus* Achradocrinus; Slocum. 6132.  
*pauciramea* *Thamnospongia*; Pošta 5988.  
*paupera* n. var. *Kloedenella clarkei*; Ulrich & Bassler. 6202.  
*pavlovi* Astieria; Karakaš. 5748.  
*pavlowi* Melania; Grönwall & Harder 5649.

- paxillifer* *Platyeras*; Clarke. 5454.  
*paynensis* *Leopoldia*; Favre. 5574.  
*pealei* *Marchantia*; Knowlton. 5769.  
*pearyi* *Aretitreta*; Whitfield. 6214.  
*pecopteroides* *Ovopteris*; Potonié. 5999.  
*pecten* n. var. *Rastrites peregrinus*;  
 Törnquist. 6184.  
 ——— *Syndyograptus*; Ruedemann.  
 6053.  
*pectinatus* *Dipterus*; Eastmann. 5551.  
*pellati* *Calliophthalus*; Cossmann. 5487.  
 ——— *Diatinostoma* (?); Cossmann.  
 5487.  
 ——— *microschizis*; Cossmann  
 5487.  
 ——— *Mytilus*; Cossmann. 5487.  
 ——— *Phaneropyxis*; Cossmann.  
 5487.  
*penouli* *Conularia*; Clarke. 5454.  
 ——— *Dalmanella*; Clarke. 5454.  
*pentagona* n. var. *Martinia triquetra*;  
 Grober. 5647.  
*pentagonalis* *Zeilleria*; Karakaš. 5748.  
*Pentamerus* n. f. *indenom*; Gortani.  
 5631.  
*perattenuata* *Streptorhynchus*; Girty.  
 5622.  
*perceense* *Diaphorostoma*; Clarke. 5454.  
*perceensis* *Dalmanites*; Clarke. 5454.  
*percorrugatus* *Ptiograptus*; Ruedemann.  
 6053.  
*percostata* *Myopholas*; Douvillé. 5535.  
*perdepressa* n. var. *Helix fructicum*;  
 German. 5613.  
*perditum* *Acer*; Cockerell. 5465.  
*perexilis* n. var. *Dicellograptus sextans*;  
 Ruedemann. 6053.  
*perfectus* *Obolus*; Walcott. 6222.  
*perforata* *Ceramopora*; Hennig. 5676.  
*pergensi* *Semiesclara*; Brydone. 5398.  
*perissolaxoides* *Pleurotoma*; Arnold.  
 5309.  
*Peritrochia* n. gen. Girty. 5622.  
*peritula* *Amelanchier*; Cockerell. 5472.  
 ——— *Clara*; Cockerell. 5472.  
 ——— *Saxifraga* (?); Cockerell.  
 5472.  
*peruiana* *Lindstroemia*; Girty. 5622.  
*pernica* *Verbeekia*; Penecke. 5966.  
*pernicus* *Parapronites*; Černov. 5433.  
*perneri* *Strophostylus*; Spitz. 6139.  
*peromapteroides* *Cockerellia*; Meunier.  
 5891.  
*peroni* *Circopeltis*; Lambert. 5790.  
*perplana* *Acaste*; Knod. 5768.  
*perplexans* *Buettneria* (?); Cockerell.  
 5472.  
*perradiatum* *Dictyonema*; Gurley. 6053.  
*perrini* *Fissurella*; Arnold. 5309.  
 ——— *Scutella*; Weaver. 6233.  
*persimile* *Cyclonema* n. nom. Spitz.  
 6139.  
*pertenuis* n. var. *Diplograptus amplexi-*  
*caulis*; Ruedemann. 6053.  
*pertransiens* *Thurmania*; Sayn. 6064a.  
*peruanum* *Onohippidium*; Nordenskiöld.  
 5926.  
*peruanus* *Canis*; Nordenskiöld. 5926.  
*perungulatus* n. mut. *Corynoides*  
*gracilis*. Ruedemann.  
 6053.  
*pervicax* *Glyptops*; Hay. 5672.  
*perviqueri* n. var. *Neolobites peroni*;  
 Staff & Eck. 6142.  
*pescaderoensis* *Turritella*; Arnold. 5309.  
*petersoni* *Diceratherium*; Loomis. 5843.  
 ——— *Mesatirhinus*; Osborn. 5942.  
 ——— *Moropus*; Holland. 5704.  
*petrosensis* n. f. *Arcestes*; Kittl. 5766.  
*pfefferi* *Carpinoxylon*; Platen. 5986.  
*phenacophylla* *Weinmannia*; Cockerell.  
 5476.  
*phillipsi* *Clymenia*; Wedekind. 6235.  
*phiomensis* *Apidium*; Osborn. 5941.  
*Phiomys* n. gen. Osborn. 5941.  
*Picrodus* n. gen. Douglass. 5530.  
*picteti* *Gyrodus*; Karakaš. 5748.  
 ——— *Natica*; Karakaš. 5748.  
 ——— *Nautilus*; Karakaš. 5748.  
*pila* *Perisphinctes*; Oppenheimer. 5936  
*Pilocrinus* n. gen. Jaekel. 5729.  
*pinquis* *Pugnax*; Girty. 5622.  
 ——— *Tricolocapsa*; Hinde. 5694.

- pinna* Cyclopteris; Schuster. 6087.  
*pinniformis* Productus; Girty. 5622.  
*piperatus* Poly-stoehotes; Cockerell. 5471.  
*pironai* Enomphalus; Gortani. 5631.  
*Piroutetia* n. gen. Meunier. 5887.  
*pistillum* Rhopalastrum; Hinde. 5691.  
*plana* n. var. *Hercynella bohemica*; Spitz. 6139.  
*planacardo* Arcicardium; Andrusov. 5294.  
*planidorsata* Orthonychia; Spitz. 6139.  
*planimarginata* Calymene; Reed. 6016.  
*planoconvexus* Spirifer; Kuod. 5768.  
*plaulata* Pleurotomaria; Girty. 5622.  
*planus* Cordaicarpus; Kidston. 5755.  
 ——— *Gonatocheilus*; Till. 6183.  
*platycostatus* Neocomites; Sayn. 6064A.  
*platystoma* Omphaloptycha; Häberle. 5652.  
*Plesiocathartes* n. gen. Gaillard. 5604.  
*plieningeri* Gresslyosaurus; Huene. 5712.  
*plioaenica* Aristolochia; Kinkelin. 5564.  
 ——— *Brasenia*; Kinkelin. 5564.  
 ——— *Libocedrus*; Kinkelin. 5564.  
 ——— *Staphylea*; Kinkelin. 5564.  
 ——— *Vitis*; Kinkelin. 5564.  
*plioaenicum* Potamogeton; Engelhardt. 5564.  
*poctai* Ptilograptus; Ruedemann. 6053.  
*podocarpoides* Cupressoxyton; Reiss. 6025.  
*Podolithus* n. gen. Sardeson. 6060.  
*polita* Stichocapsa; Hinde. 5691.  
 ——— *Stichophormis*; Hinde. 5691.  
*politus* Parallelodon; Girty. 5622.  
*polymorphum* Dietyonema; Gurley. 6053.  
 ——— *Elaeodendroxylon*; Platen. 5986.  
*polyphemi* Orthoceras; Wedekind. 6235.  
*polyleurus* n. var. *Spiriferina hilli*; Girty. 5622.  
*Polysiphon* n. gen. Girty. 5622.  
*polystomelliformis* Nonionina; Spandel. 6137.  
*pompeckii* Clymenia; Wedekind. 6235.  
*pompeckji* Solarium; Karakaš. 5748.  
*ponderosa* n. var. *Rafinesquina alternata*; Cumings. 5490.  
*pontaniiformis* Cecidomyia(?); Cockerell. 5471.  
*potetiana* Thurmania; Sayn. 6064A.  
*pontica* Eugyra; Karakaš. 5748.  
*ponticum* Desmoceras; Karakaš. 5748.  
*populiferus* Paliurus; Berry. 5332.  
*porosa* Loxoconcha; Méhes. 5877.  
*porrecta* Rhamphomyia; Meunier. 5890.  
*portai* Pecten; Mariani. 5861.  
*portentus* Meshippus; Douglass. 5528.  
*portolaensis* Fusus; Arnold. 5309.  
*postera* Platypeltis; Hay. 5672.  
*posthumus* Tanystrophaeus; Huene. 5712.  
*postremus* n. mut. *Glossograptus quadrimucronatus*; Ruedemann. 6053.  
*postsiphonella* Gaudryina; Spandel. 6137.  
*potens* Protostega; Hay. 5672.  
*praecoquandi* Praeradiolites; Toucas. 6186.  
*praecordata* n. nom. *Alnus*; Cockerell. 5472.  
*praecursor* Colonia; Cossmann. 5486.  
 ——— n. var. *Foordoceras shumardianum*; Girty. 5622.  
*praedispersa* Lima; Krause. 5780.  
*praexcavata* Agrica; Toucas. 6186.  
*praelonga* Lithomitra; Hinde. 5691.  
*praelongus* Equisetites; Halle. 5656.  
*praenuntia* Kloedenia; Ulrich & Bassler. 6202.  
*praerequierei* Praeradiolites; Toucas. 6186.  
*praesinuatus* Praeradiolites; Toucas. 6186.  
*praetoriana* Natica; Oppenheim. 5934.  
*precedens* n. mut. *Stropheodonta patersoni*; Clarke. 5454.  
*prendeli* Phylloceras; Karakaš. 5748.  
*prendergasti* Archinacella; Reed. 6015.

- pretiosa Mickwitzia; Walcott. 6222.  
 preveri Siderolithes; Osimo. 5946.  
 primaevum Lambdotherium; Loomis. 5842.  
 primaevus Gyracanthus; Eastman. 5551.  
 primigenia Platypedia; Cockerell. 5464.  
 primitiva n. var. Phylloceras lipoldi; Vadász. 6205.  
 primitivus Cladiscites; Kittl. 5766.  
 ——— Corymbites; Wickham. 6245.  
 primosica Posidonia; Gortani. 5631.  
 primus Blastomeryx; Matthew. 5872.  
 ——— Romanites; Kittl. 5766.  
 ——— Thecodontosaurus; Huene. 5712.  
 princetonia Diospyros; Cockerell. 5472.  
 ——— n. nom. Hicoria; Cockerell. 5472.  
 primarialis n. f. Spiriferina; Kittl. 5766.  
 prinzi Phylloceras; Vadász. 6205.  
 priscus Bubalis; Broom. 5390.  
 ——— Eccasaurus; Broom. 5389.  
 ——— Limnohyops; Osborn. 5942.  
 ——— Praeovibos; Staudinger. 6144.  
 pristina Brachyprotoma; Brown. 5395.  
 pristioprorus Hoplites; Krause. 5780.  
 problematica Lichapyge; Reed. 6016.  
 procera Stichocapsa; Hinde. 5691.  
 procedens Perisphinctes; Oppenheimer. 5936.  
 proceriformis Hadrocheilus; Till. 6183.  
 procerus Hadrocheilus; Till. 6183.  
*Procopoblatta* n. gen. Schuster. 6087.  
*Procolpochelys* n. gen. Hay. 5672.  
 prodigus Pteronus; Brues. 5396.  
 productiformis Koninekina; Kittl. 5766.  
 progressus Orohippus; Granger. 5640.  
*Proholopus* n. gen. Jaekel. 5729.  
 prolificus Dicellomus; Walcott. 6222.  
 promontis n. f. Clionites; Kittl. 5766.  
 protacta Clymenia; Wedekind. 6235.  
*Protobrissus* n. gen. Lambert. 5787.  
*protocavifrons* Bibos; Dubois. 5547.  
*protomelaenum* Ribes; Cockerell. 5472.  
*Protrete* n. gen. Girty. 5622.  
 provincialis Akidocheilus; Till. 6183.  
 ——— Leopoldia; Sayn. 6064a.  
 proximus Holecypus; Lambert. 5787.  
*Prozeuglodon* n. gen. Andrews. 5293.  
 pruniformis Monocarpellites; Perkins. 5971.  
*Pruninium* n. gen. Platen. 5986.  
 pseudocardo Arcecardium; Andrusov. 5294.  
*Pseudocimbez* n. gen. Rohwer. 6043.  
 pseudocredneria Populus; Cockerell. 5472.  
 pseudogibbosa Posidionella; Airaghi. 5280.  
 pseudogranulatus Trimeroccephalus; Gortani. 5631.  
 pseudo-gruneri Harpoceras; Thevenin. 6180.  
*Pseudolopus* n. gen. Jaekel. 5729.  
 pseudoolithica Neumayria; Haupt. 5667.  
 pseudoparenchymatosum Dadoxylon; Gothan. 5637.  
 pseudospiralis Arietites; Vadász. 6205.  
 pseudotsugae Piceoxylon; Potonié. 5999.  
*Pseudovirgula* n. gen. Girty. 5622.  
*Ptiograptus* n. gen. Ruedemann. 6053.  
*Ptolemaia* n. gen. Osborn. 5941.  
*Ptolemaiidae* n. fam. Osborn. 5941.  
 puercensis Aspideretes; Hay. 5672.  
 pugio n. var. Neolenus intermedius; Walcott. 6222.  
 pulcherrima Clymenia; Wedekind. 6235.  
 pulcherrimum Platyceras; Rowley. 6052.  
 pulchra Nothofagus; Dusén. 5550.  
 pulla Opis; Krause. 5780.  
 pumila Tricolocampe; Hinde. 5691.  
 punctata Coenosphaera; Hinde. 5691.  
 ——— Tubucellaria; Canu. 5413.  
 punctifera Hippoporina; Canu. 5415.  
 punctillosa Kloedenia; Ulrich & Bassler. 6202.



- punctillum* Platyceras; Gortani. 5631.  
*punjabiensis* Pseudomonotis; Wittenburg. 6266.  
*pupoides* Lithocampe; Hinde. 5691.  
*pusilla* Echmatemys; Hay. 5672.  
 ——— Pugnax; Girty. 5622.  
*pusillus* Lithostrobos; Hinde. 5691.  
*putilla* Pleurotomaria; Girty. 5622.  
*pygmaea* Blattinopsiella; Meunier. 5888.  
 ——— Dictyomitra; Hinde. 5691.  
*pygmaeum* Streptorhynchus; Girty. 5622.  
*pygmaeus* n. var. Diplograptus euglyphus; Ruedemann. 6053.  
*pyramidalis* Spiriferina; Girty. 5622.  
*pyrenaicus* Diplodetus; Lambert. 5787.  
*pyriformis* Sethamphora; Hinde. 5691.  
 ——— Zophocrinus; Slocum. 6132.  
*quadrangulatus* Bicarpellites; Perkins. 5971.  
*quadrata* Dentalina; Issler. 5725.  
 ——— Pleurotomaria; Spitz. 6139.  
 ——— n. var. Terebratula zietenii; Oppenheimer. 5936.  
*quadratus* Bicarpellites; Perkins. 5971.  
*quebecensis* Euphemus? Clarke. 5454.  
*quenstedti* Plateosaurus; Huene. 5712.  
*quincuncialis* Thylechinus; Gregory. 5645.  
*quinquecarinatoides* n. nom. Hadrocheilus; Till. 6183.  
*quinquecarinatus* n. nom. Hadrocheilus; Till. 6183.  
*radiata* Ctenodonta; Knod. 5768.  
*radiatus* Solen; Krause. 5780.  
*ramondi* Fasciolaria; Maury. 5873.  
*ramosa* Eridotrypa; Hennig. 5676.  
 ——— Heliospongia; Girty. 5622A.  
*randeekiana* Clausilia; Kranz. 5779.  
*rapiens* Thescelus; Hay. 5672.  
*rara* Nisusia; Walcott. 6222.  
*rarecostatus* Holoediscus; Karakaš. 5748.  
*raricostatoides* Arietites; Vadasz. 6205.  
*raritabulata* Monotrypa; Knod. 5768.  
*ratzensis* Pseudomonotis; Wittenburg. 6264.  
*raulini* Lepidocyclina; Lemoine & Douvillé. 5808.  
*rauracica* Limatula; Cossmann. 5489.  
*raymondi* Callipteris; Zeiller. 6298.  
*raymondia* Holoepa (?); Cleland. 5457.  
*rechtinea* Chaunograptus; Ruedemann. 6053.  
*recta* n. mut. Palaeodictyota bella; Ruedemann. 6053.  
*rectangulare* Loxonema; Spitz. 6139.  
*rectangularis* Bucaniella; Knod. 5768.  
*recticostatum* Crioceras; Karakaš. 5748.  
*rectistriata* Lophospira; Raymond. 6012.  
*rectus* Dendrograptus; Ruedemann. 6053.  
 ——— n. var. Dicellograptus divaricatus; Ruedemann. 6053.  
*Redlichella* n. subgen; Walcott. 6222.  
*redlichi* n. f. Arpadites; Kittl. 5766.  
*reducta* Onoclea; Cockerell. 5472.  
*reginae* Cardita; Oppenheim. 5934.  
*regularis* Akidocheilus; Till. 6183.  
 ——— Axinus; Grönwall & Harder. 5649.  
*reinigeri* Plateosaurus; Huene. 5712.  
*reisi* Gomphostrobos; Schuster. 6087.  
*remniformis* Avicula; Krause. 5780.  
*remota* Limnaea; Kitchin. 5765.  
*rencurelensis* Hoplites; Jacob. 5726.  
 ——— Lytoceras; Jacob. 5726.  
*renzi* Syringoceras; Frech. 5587.  
*repositii* Pecten; Mariani. 5861.  
*resartus* Eohippus; Granger. 5640.  
*reticulata* Stichocapsa; Hinde. 5691.  
*retifera* Kloedenia; Ulrich & Bassler. 6202.  
*retrocostata* n. var. Thurmania roubaudi; Sayn. 6064A.  
*retusa* n. var. Spiriferina billingsi Girty. 5622.  
*reussi* Hyalina; Schlosser. 6069.  
*revili* Hoplites; Jacob. 5726.  
*rhenana* Adherentina; Spandel. 6137.  
*Rhetecheleys* n. gen. Hay. 5672.  
*rhodiensis* Conularia; Wiman. 6260.

- rhomboïdalis* Martinia; Girty. 5622.  
 ——— Siderolithes. Osimo. 5946.  
*rhopalodactylum* Ichium; Pabst. 5948.  
*rhumbleri* Pseudarcella; Spandel. 6137.  
*rhy-sum* Kionoceras; Clarke. 5454.  
*Rhynchonella* n. f. indenom; Gortani. 5631.  
*rialti* Montlivaultia; Airaghi. 5281.  
*riberacensis* Praeradiolites; Toucas. 6186.  
*ribouli* Desmoceras; Jacob. 5726.  
*richardi* Hyolithus; Clarke. 5454.  
*richardsoni* Coenocystis; Girty. 5622.  
 ——— Pleurotomaria; Girty. 5622.  
 ——— Pteria; Girty. 5622.  
 ——— n. var. *Stenopora poly-spinosa*; Girty. 5622.  
*richarzi* Helix; Schlosser. 6039.  
*richteri* n. mut. *Trimeroccephalus anophthalmus*; 5631.  
*richthofeni* Gosseletina; Haberle. 5652.  
*rigida* Virgula; Girty. 5622.  
*rimosiformis* Stigmara; Kidston. 5755.  
*riparia* Baena; Hay. 5672.  
*ristorii* Galenopsis; Checchia-Rispoli. 5443.  
*rivalis* Echmatemys; Hay. 5668.  
*robergii* Asaphus; Wiman. 6269.  
*robetsi* Eotomaria; Reed. 6015.  
*robinia* Ceratoccephala; Clarke. 5454.  
*robusta* Elasmophyllia; Felix. 5576.  
 ——— n. var. *Guadalupea cylindrica*; Girty. 5622.  
*robustum* Rhizophyllum; Shearsby. 6108.  
*robustus* Gigantosaurus; Fraas. 5585.  
 ——— Gresslyosaurus; Huene. 5712.  
 ——— Hadrocheilus; Till. 6183.  
 ——— Osteopygis; Hay. 5672.  
*rochae* Cearana; Jordan & Branner. 5744.  
*roemeri* Clymenia; Wedekind. 6235.  
 ——— n. nom. *Trimeroccephalus*; Gortani. 5631.  
*rogersi* Holcostephanus; Kitchin. 5765.  
 ——— Natica? Kitchin. 5765.  
*rogersi* Phylloceras; Kitchin. 5765.  
 ——— Trigonia; Kitchin. 5765.  
 ——— Turbo; Kitchin. 5765.  
*rohweri* Salix ramaleyi; Cockerell. 5472.  
*rojanensis* n. var. *Echinolampas sub-cylindricus*; Fourteau. 5583.  
*romani* Hoplites; Jacob. 5726.  
*Romanites* n. gen. Kittl. 5766.  
*rombergi* Encycloscala; Haberle. 5652.  
 ——— Pecten; Wittenburg. 6264.  
*rosieri* Limoptera; Clarke. 5454.  
 ——— Stropheodonta; Clarke. 5454.  
*rossica* n. var. *Fusulina alpina*; Schellwien. 6067.  
 ——— Sonneratia; Sincov. 6131.  
 ——— Witchellia; Borisiak. 5355.  
*rostrata* Bairdia; Issler. 5725.  
*rothpletzi* Neritopsis; Karakaš. 5748.  
*rotula* Eotomaria; Clarke. 5454.  
*rotundata* Cephalotaxus; Kinkelin. 5564.  
 ——— Murchisonia; Spitz. 6139.  
*rotundoquadrata* Serpula; Krause. 5780.  
*rotundum* Sporadoceras; Wedekind. 6235.  
*roubionensis* Helix; Caziot & Maury. 5432.  
*rousseli* Agria; Toucas. 6186.  
*rowei* Eschara; Brydone. 5398.  
*rudis* Aerotreta; Walcott. 6222.  
*rudloffi* Cerithium; Oppenheim. 5934.  
*rugardensis* Tereido; Grönwall & Harder. 5649.  
*rugatulus* Productus subhorridus; Girty. 5622.  
*rugosa* n. var. *Atrypa desquamata*; Gortani. 5631.  
*rugosus* Alopecon; Broom. 5384.  
 ——— Hadrocheilus; Till. 6183.  
*rushiana* Cyathoxonia; Vaughan. 5869.  
*ruskiniana* Rosa; Cockerell. 5465.  
*rustica* Phylldromia; Meunier. 5890.  
 ——— Stichocapsa; Hinde. 5691.  
*Rustellacea* n. superfam. Walcott. 6222.

- Rustellidae* n. fam. Walcott. 6222.  
*sablensis* Centrastraea; Karakaš. 5748.  
 ——— Pleurotomaria; Karakaš. 5748.  
*sabiensis* Phylloceras; Karakaš. 5748.  
*saccoi* Mysidioptera; Mariani. 5861.  
*sagatus* Aspideretes; Hay. 5672.  
*sagriformis* Uvigerina; Spandel. 6137.  
*salebrosa* Amyda; Hay. 5672.  
*saliens* Hoplochelys; Hay. 5672.  
*salientina* Thurmania; Sayu. 6064a.  
*salmoiraghii* Lima; Mariani. 5861.  
*salomoni* Brochidium; Häberle. 5652.  
*sanctaerucis* Amphura; Arnold. 5310.  
 ——— Fusus; Arnold. 5309.  
 ——— Periploma; Arnold. 5309.  
 ——— Pleurotoma; Arnold. 5309.  
*sandbergeri* Clymenia; Wedekind. 6235.  
*santacruzana* Agasoma; Arnold. 5309.  
 ——— Turricula; Arnold. 5309.  
*sarasini* Crioceras; Favre. 5574.  
 ——— Hoplites; Jacob. 5726.  
*saravana* Carbonicola; Schmidt. 6071.  
*sargenti* Bootherium; Gidley. 5616.  
*sarladensis* Praeradiolites; Toucas. 6186.  
*satrapes* Cerithium; Oppenheim. 5934.  
*saumarinensis* Eupatagus; Nelli. 5920.  
*sauvagei* Otolithus; Priem. 6001.  
*savini* Phymosoma; Lambert. 5787.  
*savuense* Theosyringium; Hinde. 5691.  
*savuensis* Dictyomitra; Hinde. 5691.  
*saxigena* Agenia; Cockerell. 5464.  
*saxorum* Minulus; Cockerell. 5472.  
 ——— Pseudomonotis; Wittenburg. 6266.  
 ——— Tenthredo; Rohwer. 6044.  
*scabiosa* n. var. *Orthonychia* obliquesulcata; Spitz. 6139.  
*scalariforme* Nothofagoxylon; Gothan. 5637.  
*scalaris* Lithomitra. Hinde. 5691.  
*scansa* Dryopteris; Cockerell. 5472.  
*scaphoidea* Lucina; Krause. 5780.  
*scarabellii* Cidaris; Stefanini. 5920.  
*scausilis* Dictyomitra; Hinde. 5691.  
*scheibei* Callipteris; Potonić. 5999.  
*schiffi* Diceratherium; Loomis. 5843.  
*schizocerinus* Podolithus; Sardeson. 6060.  
*Schizostoma* n. gen. Canu. 5415.  
*schlosseri* Amphiserpentarius; Gaillard. 5604.  
 ——— Hadrocheilus; Till. 6183.  
*schlumbergeri* Lepidocyclina; Lemoine & Douvillé. 5808.  
*schmidti* Acaste; Richter. 6039.  
 ——— Pseudomurchisonia. Wittenburg. 6263.  
*schneideri* Walchia; Zeiller. 6298.  
*schrammeni* Hoplites; Jacob. 5726.  
*schrollianum* Dadoxylon; Schuster. 6086.  
*schuchertensis* Notothyris; Girty. 5622.  
*Schuchertiniidae* n. fam. Walcott. 6222.  
*schusteri* Procopoblatta; Schuster. 6087.  
*schwarzi* Meyeria; Kitchin. 5765.  
 ——— Tancredia; Kitchin. 5765.  
*schweinfurthi* Neolobites; Staff & Eek. 6142.  
*scillae* Sphaerichinus; Checchia-Rispoli. 5440.  
*scitula* Dictyomitra; Hinde. 5691.  
*Scopfieldia* n. gen. Ulrich & Bassler. 6202.  
*scotica* n. var. *Lophospira* bicinata; Donald. 5526.  
*scoticus* n. var. *Lichas* grayi; Reed. 6016.  
*scrivenori* Astarte; Newton. 5922.  
 ——— Cucullaea; Newton. 5922.  
 ——— Goniomya; Newton. 5922.  
*scrobiculatum* Amussium; Schepmann. 6068.  
*scudderiana* n. nom. *Andromeda*; Cockerell. 5472.  
*sculpta* Trachemys; Hay. 5672.  
*sculptilis* Camptonectes? Girty. 5622.  
*scupini* Trochus; Spitz. 6139.  
*scutariensis* Pecten; Veters. 6212.  
*scutulatum* Dielasma; Girty. 5622.  
*scythothalioides* Liasophycus; Fliche. 5980.

- sebastiana Caryophyllia; Steinmann & Wilckens. 6159.
- seccoi Cirrus; Campana (Del). 5409.
- secundus Bellerophon; Reed. 6015.
- securiger Agnostus; Lake. 5785.
- sedgwicki Sporadoceras; Wedekind. 6235.
- sedgwickii Lophospira; Donald. 5526.
- seeleyi Dicynodon; Broili. 5376.
- seelyi Lophospira; Raymond. 6012.
- seitumeri Holcodiscus; Karakaš. 5748.
- selliformis Rhynchonella; Lewiński.
- Sellosaurus* n. gen. Heune. 5712.
- semihæ Aspidiscus; Kossmat. 5778.
- Hemiaster; Kossmat. 5778.
- seminuloides n. var. *Pugnax bisulcata*; Girty. 5622.
- semiornata Murchisonia; Spitz. 6139.
- senoniana Lepidocyclina; Checchia-Rispoli e Gemmellaro. 5444.
- senecta Astarte; Woods. 6273.
- senex n. var. *Platystrophia acutilirata*; Cumings. 5490.
- sepultus Juglans (?); Cockerell. 5472.
- sequens n. var. *Lingulella acuminata*; Walcott. 6222.
- sera Actinotrypa? Girty. 5622.
- sericeus Pecten; Grünwall & Harder. 5649.
- serrata Desmopteris; Potonié. 5999.
- *Exogyra*; Krause. 5780.
- serratum Gastrioceras? Girty. 5622.
- serrulata Lomatia; Dusén. 5550.
- sexangulatum Crioceras; Karakaš. 5748.
- seymourensis Drypteris; Dusén. 5550.
- Lomatia; Dusén. 5550.
- Mollinedia; Dusén. 5550.
- sharppei Astieria; Karakaš. 5748.
- Nuculites. Reel. 6017.
- shelbyensis Wimanella; Walcott. 6222.
- sherbourni Cribrilina; Brydone. 5398.
- shumardi Leiolema; Girty. 5622.
- shumardiana Martinia; Girty. 5622.
- *Pugnax*; Girty. 5622.
- shumardianum Foordoceras; Girty. 5622.
- *Heterelasma*; Girty. 5662.
- sicula Orbitoides; Checchia-Rispoli e Gemmellaro. 5441.
- siemiradzki Perisphinctes; Lewiski.
- Perisphinctes; Oppenheimer. 5936.
- signatus Productus; Girty. 5622.
- silberlingi Picrodus; Douglass. 5530.
- silicea Rhabdosphaera; Spandel. 6137.
- silurica Cyclotrypa; Hennig. 5676.
- sima Baena; Hay. 5672.
- Simarubium* n. gen. Platen. 5986.
- simelhi Meneisporia; Canu. 5415.
- simionescui Romanites; Kittl. 5766.
- simonyi Placentoceras; Kossmat. 5778.
- simplex Aegoceras; Vadász. 6205.
- n. var. *Arietites spiratissimus*; Vadász. 6205.
- *Azygograptus*; Ruedemann. 6053.
- *Dictyomitra*; Hinde. 5691.
- *Fusulina*; Schellwien. 6067.
- *Sphaeropyle*; Hinde. 5691.
- n. mut. *Stropheodonta crebri-striata*; Clarke. 5454.
- *Wimanella*; Walcott. 6222.
- simplicidens Reithrodontomys; Brown. 5395.
- simrothi Ulnoxylozoon; Platen. 5986.
- singaporensis Gonionya; Newton. 5922.
- singularis Aspideretes; Hay. 5672.
- sinzowi Toxoceras; Karakaš. 5748.
- Siphonoretacea* n. superfam.; Walcott & Schuchert. 6222.
- sirenitoides n. f. *Protrachyceras*; Kittl. 5766.
- sivajavanicus Hexaprotodon; Dubois. 5547.
- sivasondaicus Rhinoceros; Dubois. 5547.
- skenoides Meekella; Girty. 5622.
- skiffi Stefanoerinus; Slocum. 6132.
- skvorzovi Parapronotites; Černov. 5433.
- Smilodontopsis* n. gen. Brown. 5395.
- smithi Dicoellograptus; Ruedemann. 6053.
- *Obolus*; Walcott. 6222.

- Smittisoma* n. gen. Canu. 5415.  
*socialis* n. var. *Rastrites peregrinus*; Törnquist. 6184.  
*sojalis* Pecten; Wittenburg. 6264.  
*soleredi* Quercinium; Platen. 5986.  
*solidus* Bicarpellites; Perkins. 5971.  
*solnhofensis* Ungeria; Salfeld. 6056.  
*solonkoi* Stylocoenia; Karakaš. 5748.  
*solutus* Euomphalus; Spitz. 6139.  
*sondelfingensis* Palaeopedina; Törnquist. 6185.  
*sotoensis* Cancellaria? Aldrich. 5284.  
*spangleri* Capulus; Henderson. 5673.  
*sparnacense* Aulacoxylon; Combes. 5482.  
*Sparsicystis* n. gen. Filliozat. 5578.  
*sparsipora* Diastopora; Canu. 5413.  
*spatulatum* Dielasma; Girty. 5622.  
*speciosa* Naomichelys; Hay. 5672.  
*speciosum* Ebenoxylon; Platen. 5986.  
*spectabilis* Gyremys. 5672.  
*spelaea* Brachyprotoma; Brown. 5395.  
*sphaerocarpa* Vitis; Kinkelin. 5564.  
*sphenoides* Palaeanodonta; Schmidt. 6071.  
*spiculata* Crania; Rowley. 6052.  
*spinicosta* Pseudomonotis; Wittenburg. 6263.  
*spinifer* n. mut. *Climacograptus typicalis*. Ruedemann. 6053.  
 ——— *trifidus* n. mut. *Leptograptus flaccidus*; Ruedemann. 6053.  
*spiniferum* Dictyonema; Ruedemann. 6053.  
*spinimargo* Anomalina; Spandel. 6137.  
*spinosa* Coelocladia; Girty. 5622A.  
 ——— n. var. *Rissurina marginata*; Spandel. 6137.  
*spinosum* Taphrostoma; Canu. 5415.  
*spinulata* Cladopora; Girty. 5622.  
*spiralicrenata* Neritopsis; Cossmann. 5487.  
*spissus* Planorbis; Cossmann. 5486.  
*splendidus* Aspideretes; Hay. 5672.  
*spoliata* Anona; Cockerell. 5465.  
*Spongiostroma* n. gen. Rothpletz. 6050.  
*spurri* Acrothele; Walcott. 6222.  
*squamifera* Pteria; Girty. 5622.  
*squamatus* Hadrocheilus; Till. 6183.  
*squinaboli* Sethamphora; Hinde. 5691.  
*stachei* Allorisma; Airaghi. 5280.  
 ——— Trochus; Spitz. 6139.  
*stalderi* Schizaster (?); Weaver. 6233.  
*stampensis* Myoconcha; Malling & Grönwall. 5858.  
*stanfordensis* Agasoma; Arnold. 5309.  
 ——— Fusus; Arnold. 5309.  
*stantoni* Chrysodomus; Arnold. 5309.  
 ——— Maetra; Arnold. 5309.  
 ——— n. var. *Turritella whitei*; Shimer. 6115.  
*stantoniense* Hatchericeras; Favre. 5574.  
*Staphidoides* n. gen. Perkins. 5971.  
*stefanescui* Joannites; Kittl. 5766.  
*stefanini* Echinolampas; Nelli. 5920.  
*stellwagi* Pinus; Kinkelin. 5564.  
*sterzeli* Caulopteris; Zalësskij. 6295.  
*Steusloffia* n. subgen. Ulrich & Bassler. 6202.  
*stigeri* Aceratherium; Loomis. 5843.  
*stehlini* Pelargopsis; Gaillard. 5604.  
*steinmanni* Aspidoceras; Haupt. 5667.  
 ——— Clymenia; Wedekind. 6235.  
 ——— Hoplites; Jacob. 5726.  
 ——— Neocomites; Favre. 5574.  
 ——— Orthotheca; Knod. 5768.  
*steveni* Nautilus; Karakaš. 5748.  
*Stobbsia* n. gen. Handlirsch. 5660.  
*stowi* Trigonia; Kitchin. 5765.  
*stratton-porteri* Phillipsia; Rowley. 6052.  
*striaticostata* Limatulina; Girty. 5622.  
*strigillata* Pleurotomaria; Girty. 5622.  
*Strigogyys* n. gen. Gaillard. 5604.  
*Stromatidium* n. gen. Girty. 5622.  
*strophocrinus* Podolithus; Sardeson. 6060.  
*Struthiolarella* n. subgen. Steinmann & Wilckens. 6159.  
*stuarti* Micromitra; Walcott. 6222.  
*stuckenbergi* Phylloceras; Karakaš. 5748.

- sturgisi* Pinus; Cockerell. 5465.  
*subacardo* Arcicardium; Andrusov. 5294.  
*subaenigmatica* Leopoldia; Sayn. 6064a.  
*subangulatus* Acanthohoplites; Sincov. 6131.  
*sub-campischei* Parahoplites; Sincov. 6131.  
*subequandi* Praeradiolites; Toucas. 6186.  
*subcylindron* Thecodontoceras; Huene. 5712.  
*subdifficile* Desmoceras; Karakaš. 5748.  
*subdimidiatus* Arcestes; Kittl. 5766.  
*suberenatula* Meniscopora; Canu. 5415.  
*subglobosa* Lophospira; Donald. 5526.  
*subincerta* Hydrangea ?; Cockerell. 5472.  
*subkeuperina* n. var. Myophoria transversa; Zeller. 6302.  
*sublaqueatus* Aviculipecten; Girty. 5622.  
*sublatus* Equisetites; Halle. 5656.  
*subliratus* Chonetes; Girty. 5622.  
*submersa* Saperda (?); Cockerell. 5464.  
*submontereyensis* Yoldia; Arnold. 5309.  
*subnummulus* Serpula. Neili. 5920.  
*subovata* Lingula; Knod. 5786.  
*subovatum* Dentalium; Richardson. 6038.  
*subpailletei* Praeradiolites; Toucas. 6186.  
*subpalmata* Buchiola; Recl. 6014.  
*subpeltoceroideus* Acanthohoplites; Sincov. 6131.  
*subphacodes* Helix; Kranz. 5779.  
*subpunctata* Lingula; Knod. 5768.  
*subquadrata* Sonneratia; Sincov. 6131.  
 ——— n. var. Squamularia guadalupensis; Girty. 5622.  
*subquadratum* Dentalium; Richardson. 6038.  
*subrecurvus* Notidanus; Oppenheimer. 5936.  
*subrejectus* Arietites; Vadász. 6205.  
*subrotunda* Streblopteria; Airaghi. 5280.  
*subsequens* Lytoceras; Karakaš. 5748.  
*substricta* Alamosemys; Hay. 5672.  
*subtilis* Calianassa; Krause. 5780.  
 ——— Fusulina; Schellwien. 6067.  
 ——— n. nom. Macrochilina? Spitz. 6139.  
 ——— Pecten; Wittenburg. 6265.  
*subtoncosi* Praeradiolites; Toucas. 6186.  
*subtrigonale* Dentalium; Richardson. 6038.  
*subtrigonata* Myophoria; Airaghi. 5280.  
*sudovskyi* Unio. Andrusov. 5295.  
*suissei* Selaginellites; Zeiller. 6298.  
*sulcata* Spiriferina; Girty. 5622.  
*sulcatum* Dielasma; Girty. 5622.  
*sulcatus* Bicarpellites; Perkins. 5971.  
*sulcifer* Euomphalus; Girty. 5622.  
*sulcistriatus* Silesites; Karakaš. 5748.  
*superba* Thurmania; Sayn. 6064a.  
*superbum* Protitanotherium; Osborn. 5942.  
*superbus* Neolenus; Walcott. 6222.  
*supernus* Climacograptus; Elles & Wood. 5562.  
*superstes* Gephyroceras; Wedekind. 6235.  
 ——— Silesites; Jacob. 5726.  
*suprasilurica* Mesotrypa; Hennig. 5676.  
*sutcliffii* Tubicaulis; Stopes. 6171.  
*copei* Symborodon; Osborn. 5942.  
*symmetrica* Morus; Cockerell. 5472.  
*Syrdyograptus* n. gen. Ruedemann. 6053.  
*szádeczkyi* Phylloceras; Vadász. 6205.  
*tantillus* Plastomenus; Hay. 5672.  
*Taphrostoma* n. gen. Canu. 5415.  
*taramellii* n. var. Karpinskia consuelo; Gortani. 5631.  
 ——— Macrodon; Gortani. 5631.  
 ——— Pleurotomaria; Spitz. 6139.  
 ——— Prospodylus; Mariani. 5861.  
*tardifi* Leptostrophia; Clarke. 5454.  
*tatei* Trapezium?; Kitchin. 5765.  
*taurica* Astieria; Karakaš. 5748.  
 ——— Favia; Karakaš. 5748.  
 ——— Hamulina; Karakaš. 5748.

- taurica Pleurotomaria; Karakaš. 5748.  
 ——— Plicatula; Karakaš. 5748.  
 ——— Tylostoma; Karakaš. 5748.  
 tauricum Desmoceras; Karakaš. 5748.  
 tauricus Akidocheilus; Till. 6183.  
 ——— Echinobrissus; Karakaš. 5748.  
 taxus Altippus; Douglass. 5528.  
 teilhardi n. var. Ancistrodon armatus; Priem. 6002.  
 telleri Lima; Mariani. 5861.  
*Temnotrionyx* n. gen. Hay. 5672.  
 tenuicostata n. var. Gervillia substriata; Zeller. 6302.  
 tenuicrenata Arca; Cossmann. 5486.  
 tenuiflora Turritoma; Donald. 5526.  
 tenuiformis Leptocheilus; Till. 6183.  
 tenuimargo Proetus; Richter. 6039.  
 tenuipunctata Cythere; Méhely. 5877.  
 tenuiramosus Desmograptus; Ruedemann. 6053.  
 tenuis Avicula; Krause. 5780.  
 ——— Helichthys; Broom. 5388.  
 ——— Leptocheilus; Till. 6183.  
 ——— Pseudovirgula; Girty. 5622.  
 ——— Silesites; Karakaš. 5748.  
 ——— Sonneratia; Sincov. 6131.  
 tenuisepta Aphragmastraea; Karakaš. 5748.  
 tenuiserratus Parapronorites; Černov. 5433.  
 tenuistriata Cythereis; Méhes. 5877.  
 tenuistriatum Cardioceras; Borisšak. 5355.  
 tercensis Echinocorys; Lambert. 5787.  
 terminalis Domopora; Girty. 5622.  
 terquemi Dentalium; Richardson. 6038.  
 tertiaria Caulerpites; Engelhardt. 5564.  
 testis Lima; Grönwall & Harder. 5649.  
*Tetraceratops* n. gen. Matthew. 5871.  
 tetramera Styliina. Gregory. 5644.  
 tetraphyma Goniopygus; Lambert. 5787.  
 texana Fenestella; Girty. 5622.  
 ——— Lingulella; Walcott. 6222.  
 texana Pleurotomaria; Girty. 5622.  
 ——— Protrete; Girty. 5622.  
 texanum Agathoceras; Girty. 5622.  
 texanus Cymatochiton? Girty. 5622.  
 ——— Productus; Girty. 5622.  
 ——— Spirorbis; Girty. 5622.  
 textilis Spongodiscus; Hinde. 5691.  
*Tharrhias* n. gen. Jordan & Brauner. 5744.  
 theodosiae Hadrocheilus; Till. 6183.  
*Thescllus* n. gen. Hay. 5672.  
 thevenini Otolithus; Priem. 6001.  
 ——— Stenodictya; Meunier. 5891.  
*Thiemella* n. gen. Williams. 6249.  
 thinnfeldioides Odontopteris; Schuster. 6087.  
 thomasi Lophiodon; Deperet. 5514.  
 thomsoni Cheirurus; Reed. 6016.  
 ——— Testudo; Hay. 5672.  
 thunei Megalanteris; Clarke. 5454.  
 thyone Eoorthis; Walcott. 6222.  
 tietzei n. var. Trimeroccephalus anophthalmus; Gortani. 5631.  
 timberi Pinus; Engelhardt & Kinkelin. 5564.  
 timida Chrysemys; Hay. 5672.  
 timidus n. mut. Lasiograptus bimucronatus; Ruedemann. 6053.  
 timorensis Agathiceras; Boehm. 5349.  
 timorensis Pericosmus; Lambert. 5792.  
 ——— Perisphinctes; Boehm. 5349.  
 ——— Schizoblastus; Boehm. 5349.  
 tineensis Helix; Caziot & Maury. 5432.  
 tirolicus Pecten; Wittenburg. 6263, 6264, 6265.  
 tirolitiformis Dobrogeites; Kittl. 5766.  
 titanensis Plesolampas; Nelli. 5920.  
 törnquisti Allorisma; Airaghi. 5280.  
 ——— Climacograptus; Elles & Wood. 5562.  
*Tolvaia* n. gen. Williams. 6250.  
 tommasii Myophoria; Mariani. 5861.  
 tournoueri Lepidocyclus; Lemoine & Douvillé. 5808.

- bulai Helix* ; Schlosser. 6069.  
*caucosana Thais* ; Arnold. 5309.  
*transcaspius Crioceras* ; Sincov. 6131.  
*transicus Akidocheilus* ; Till. 6183.  
*transiens* n. var. *Radula hians* ; Cerulli-Irelli. 5437.  
*transitoria Michelinia* ; Knod. 5768.  
*transversus Monophyllites* ; Kittl. 5766.  
*transversa Linnarssonella* ; Walcott. 6222.  
*trapezoides* n. f. *Carbonicola carbonaria* ; Schmidt. 6071.  
*Trematosaurus* n. gen. Broom. 5389.  
*trentonensis* n. mut. *Leptograptus flaccidus* ; Ruedemann. 6053.  
*spinifer trentonensis* n. mut. *Leptograptus flaccidus* ; Ruedemann. 6053.  
*Treposella* n. gen. Ulrich & Bassler. 6202.  
*triadicus Cirrus* ; Campana (Del). 5409.  
*triangularis Tricarpellites* ; Perkins. 5971.  
*tricarinata Baptemys* ; Hay. 5672.  
*Trichiosomites* n. gen. Brues. 5396.  
*trigonalis* n. var. *Hustedia meekana* ; Girty. 5622.  
*trigoniaformis Unio* ? Maury. 5873.  
*trigramulatus Thylechinus* ; Gregory. 5645.  
*Trigyra* n. gen. Raymond. 6012.  
*trilabiatus Arcestes*. Kittl. 5766.  
*trimminghamensis Membranipora* ; Brydone. 5398.  
*trinilensis Felis* ; Dubois. 5547.  
 ——— *Unio* ; Dubois. 5547.  
*trispiralis Lophospira* ; Donald. 5526.  
*trissulcata* n. var. *Chlamis flexuosa* ; Cerulli-Irelli. 5437.  
*trochiformis Pleurotomaria* ; Spitz. 6139.  
*Trochoucrita* n. subgen. Cossmann. 5487.  
*Trochosuchus* n. gen. Broom. 5384.  
*troglydites Smilodontopsis* ; Brown. 5395.  
*trossingensis Teratosaurus* ; Huene. 5712.  
*trouessarti Pelargopsis* ; Gaillard. 5604.  
*trulla Trachemys* ; Hay. 5672.  
*truncata Panopaea* ; Karakaš. 5748.  
*tschernyschewi Aucella* ; Sokolov. 6136.  
 ——— *Dechenella* ; Richter. 6039.  
 ——— *Fusulina* ; Schellwien. 6067.  
 ——— *Rhynchonella* ; Karakaš. 5748.  
*tschukurtsebensis Aporrhais* ; Karakaš. 5748.  
*tuberculata* n. var. *Cytheridea pannonica* ; Méhes. 5877.  
 ——— *Stylocoenia* ; Gregory. 5644.  
*tuberculatum Acanthoceras* ; Karakaš. 5748.  
*tuberosa Pyripora* ; Canu. 5413.  
*tuberosus Cheuopus* ; Cossmann. 5487.  
*tubulare Cyrtoceras* ; Wedekind. 6235.  
*tubularis* n. var. *Climacograptus wilsoni*. Elles & Wood. 5562.  
*tubulata Cladopora* ; Girty. 5622.  
*tumida Theocampe* ; Hinde. 5691.  
*tumidus Hadrianus* ; Hay. 5672.  
*turgida Kloedenella* ; Ulrich & Bassler. 6202.  
 ——— *Ribeiria* ; Cleland. 5457.  
*turneri Acrothele* ; Walcott. 6222.  
*tuzoi* n. var. *Conularia desiderata* ; Clarke. 5454.  
*tyleri Parahippus* ; Loomis. 5844.  
*typicale Stromatidium* ; Girty. 5622.  
*typicus* n. nom. *Orohippus* ; Granger. 5640.  
*ugolini Echinolampas* ; Stefanini. 6148.  
*uhligi Hamulina* ; Karakaš. 5748.  
 ——— *Holcodiscus* ; Karakaš. 5748.  
 ——— *Peltoceras* ; Oppenheimer. 5936.  
*uitenhagensis Holcostephanus* ; Kitchin. 5765.  
 ——— *Meretrix* ; Kitchin. 5765.  
 ——— *Mytilus* ; Kitchin. 5765.  
 ——— *Natica* ; Kitchin. 5765.  
 ——— *Nucula* ; Kitchin. 5765.  
 ——— *Unio* ; Kitchin. 5765.



- uintensis *Echmatemys*; Hay. 5672.  
 ulmi *Rhytisma*; Engelhardt. 5564.  
 ulrichi *Acrotreta*; Walcott. 6222.  
 ——— *Actinopteria*; Knod. 5768.  
 ——— *Bythopora*; Hennig. 5676.  
 ——— *Climacograptus*; Ruedemann. 6053.  
 ——— *Cyrtograptus*; Ruedemann. 6053.  
 ——— *Trigyra*; Raymond. 6012.  
 ultimum *Telmatherium*; Osborn. 5942.  
*Ulvopteris* n. gen. Schuster. 6087.  
 umboatus *Megaphyllites*; Kittl. 5766.  
 uncinatocostata *Rhynchonella*; Krause. 5780.  
*Ungeria* n. gen. Salfeld. 6056.  
 unica *Cunearia*; Spitz. 6139.  
 uniseriatum *Laurinoxylon*; Gothan. 5637.  
 unxia *Syntrophia*; Walcott. 6222.  
 uplandicus *Asaphus*; Wiman. 6260.  
 upwarensis *Astarte*; Woods. 6273.  
 ——— *Cardita*; Woods. 6273.  
 uralica *Drevermannia*; Richter. 6039.  
 urania *Linnarssonella*; Walcott. 6222.  
 urbanisi *Loxonema*; Gortani. 5631.  
 urbs-ludovici *Cladodus*; Eastman. 5551.  
 urceolatus *Sapindoides*; Perkins. 5971.  
 uringei *Furcifer*; Nordenskiöld. 5926.  
 urmensis *Parapronorites*; Černov. 5433.  
 utahensis *Leiorhynchus*; Kindle. 5762.  
 vaceki *Helix*; Schlosser. 6069.  
 vaga *Testudo*; Hay. 5672.  
 vajolettensis *Pecten*; Wittenburg. 6264.  
 valanginiensis *Hadrocheilus*; Till. 6183.  
 valdarnensis *Pinus*; Pampaloni. 5951.  
 valdecostatus *Pecten*; Mariani. 5861.  
 valettei *Cidaris*; Lambert. 5790.  
 vanae *Perisphinctes*; Oppenheimer. 5936.  
 vandelloi *Desmograptus*; Ruedemann. 6053.  
 van-den-Broecki *Siderolithes*; Osimo. 5946.  
 vaquerosensis *Cardium*; Arnold. 5309.  
 variabilis *Conchodus*; Eastman. 5551.  
 ——— *Smittia*; Canu. 5415.  
 varians *Callopora*; Hennig. 5676.  
 ——— *Perisphinctes*; Oppenheimer. 5936.  
 varicatum *Sporadoceras*; Wedekind. 6235.  
 variegata *Ptychospira*; Reed. 6014.  
 vateri *Pityoxylon*; Platen. 5986.  
 vauhani *Lepton*; Aldrich. 5284.  
 veiti *Dalmanites*; Clarke. 5454.  
 velebitana *Nummulostegina*; Schubert. 6079.  
 venosus *Staphidoides*; Perkins. 5971.  
 ventricosa *Calvetina*; Canu. 5415.  
 ventrosa n. var. *Kloedenella turgida*; Ulrich & Bassler. 6202.  
 venusta *Camarophoria*; Girty. 5622.  
 ——— *Dictyomitra*; Hinde. 5691.  
 venustutum *Heterelasma*; Girty. 5622.  
 verbeeki n. nov. *Prionastrea* Dollfus. 5525.  
 ——— *Rhopalastrum*; Hinde. 5691.  
*Verbeekiella* n. nom. Penecke. 5965.  
 vermontanus *Delphinapterus*; Perkins. 5972.  
 verneuili *Fusulina*; Schellwien. 6067.  
 veronensis *Perisphinctes*; Boden. 5347.  
 verticoriensis *Thurmania ischnotera*; Sayn. 6064a.  
 vespertinus n. mut. *Diplograptus foliaceus*; Ruedemann. 6053.  
 vestitus *Calamopleurus*; Jordan & Branner. 5744.  
 vetusta n. var. *Fusulina alpina*; Schellwien. 6067.  
 vexabilis *Scolioneura*; Brues. 5396.  
 viezzena *Colubrella*; Häberle. 5652.  
 ——— *Worthenia*; Häberle. 5652.  
 vigneulensis *Lima*; Cossmann. 5487.  
 vilis *Trochus*; Spitz. 6139.  
 villenovia *Thiemella*; Williams. 6249.  
 vinassai *Amussiopecten*; Ugolini. 6200.  
 ——— *Dechenella*; Gortani. 5631.  
 virginia *Dalmanella*; Williams. 6249.

- Virgula* n. gen. Girty. 5622.  
*visendus* Plastomenus; Hay. 5672.  
*vittata* Domopora; Girty. 5622.  
*vogdti* Lytoceras; Karakaš. 5748.  
*volans* Phymatodes; Cockerell. 5471.  
*volongensis* Aucella; Sokolov. 6136.  
*völseckhofensis* Pecten; Wittenburg. 6263.  
*voluta* Holoepa (?); Cleland. 5457.  
*voracis* Tachydromia; Meunier. 5890.  
*vorax* Aspideretes; Hay. 5672.  
*vulcanica* Zaitha; Cockerell. 5464.  
*vulgaris* n. var. Arietites obtusus; Vadasz. 6205.  
 ——— Fusulina; Schellwien. 6067.  
*waageni* Pseudomonotis; Wittenburg. 6266.  
*waagenianus* Productus; Girty. 5622.  
*wahlenbergii* Asaphus; Wiman. 6260.  
*wakehami* Holoepa; Clarke. 5454.  
*walcottianus* Productus; Girty. 5622.  
*waldronensis* Beyrichia; Ulrich & Bassler. 6202.  
*walleranti* Desmoceras; Jacob. 5726.  
*wapta* Micromitra; Walcott. 6222.  
*wardi* Quercinium; Platen. 5986.  
*washakiensis* Manteoceras; Osborn. 5942.  
*wasatchensis* Obolus; Walcott. 6222.  
*weeksi* Pugnax; Girty. 5622a.  
*weberi* Zamites; Seward. 6103.  
*weissi* Tornoceras; Wedekind. 6235.  
*welleri* Coelacanthus; Eastman. 5552.  
 ——— Spiriferina; Girty. 5622.  
*wenzi* Hydrobia; Boettger. 5352.  
*whaitsi* Hyaaenesuchus; Broom. 5384.  
 ——— Pardosuchus; Broom. 5384.  
 ——— Rhinesuchus; Broom. 5386.  
*wheeleri* Pinus; Cockerell. 5472.  
*whiteavesi* Dalmanites; Clarke. 5454.  
*whiteavesiana* Helicotoma; Raymond. 6012.  
*wichmanni* Dicolocapsa; Hinde. 5691.  
*wielandi* Lytoloma; Hay. 5672.  
*wilkensi* Neocomites; Favre. 5574.  
*williardi* Micromitra; Walcott. 6222.  
*wilmanae* Holcostephanus; Kitchin. 5765.  
*wilmattae* Phaca; Cockerell. 5465.  
 ——— Rosa; Cockerell. 5472.  
*Wimanella* n. gen. Walcott. 6222.  
*Wingeastonia* n. nom. Schepman. 6068.  
*wolfi* Myrica; Kinkelin. 5564.  
*woodsii* Semieschara; Brydone. 5398.  
*woodwardiana* Stobbsia; Handlirsch. 5660.  
*woodworthi* Acrothele; Walcott. 6222.  
*wortheni* Obolus; Walcott. 6222.  
*yokonensis* Ovibos; Gidley. 5616.  
*yorkensis* Acrothele; Walcott. 6222.  
*zeileri* Araucarites; Berry. 5334.  
 ——— Antholithus; Nathorst. 5915.  
*zeno* Eoorthis; Walcott. 6222.  
*zigzag* Cerithium; Grönwall & Harder. 5649.  
*zinndorfi* Hyperammina; Spandel. 6137.  
*zirkeli* Cercidoxylon; Platen. 5986.  
*zitteli* Archaeotrogon; Gaillard. 5604.  
*zitteliana* Guadalupia; Girty. 5622.  
*Zanolisens* n. gen. Spitz. 6139.  
*Zygorhiza* n. gen. True. 6195.  
*zyrianica* Aucella; Sokolov. 6136.

## LIST OF ABBREVIATIONS WITH TITLES OF JOURNALS.

<i>Albany N.Y., St. Educ. Dept. Mus. Bull.</i>	New York State Education Department. New York State Museum Bulletin. Albany, N.Y.	4 U.S.
<i>Albany N.Y., St. Educ. Dept. Mus. Mem.</i>	New York State Education Department. New York State Museum Memoirs, Albany, N.Y.	5 U.S.
<i>Albany N.Y., St. Educ. Dept. Mus. Rep.</i>	New York State Education Department, New York State Museum Annual Report, Albany N.Y.	6 U.S.
<i>Amer. J. Psych. Worcester Mass.</i>	American Journal of Psychology, Worcester, Mass.	18 U.S.
<i>Amer. J. Sci. New Haven Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat. Lancaster Pa.</i>	The American Naturalist, Lancaster, Pa.	21 U.S.
<i>Amsterdam, Proc. Sci. K. Akad. Wet.</i>	Proceedings of the Sections of Sciences, Koninklijke Akademie van Wetens- chappen, Amsterdam Svo.	3 Hol.
<i>Amsterdam, Tijdschr. K. Med. Aandr. Gen.</i>	Tijdschrift van het Koninklijk Neder- landsch Aardrijkskundig Genoots- chap, Amsterdam. Svo.	4 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Wetens- chappen, Amsterdam. Svo.	7 Hol.
<i>An. Mus. Nac., Buenos Aires</i>	Anales del Museo Nacional de Buenos Aires.	— S. Am.
<i>Anat. Anz., Jena ... ..</i>	Anatomischer Anzeiger. Centralblatt für die gesammte wissenschaftliche Anatomie, hrsg. v. v. Bardeleben. Jena. [zwangl.] Nebst Ergän- zungsheften.	40 Ger.
<i>Ann. ass. nat. Levallois-Perret</i>	Annales de l'Association des Naturalistes de Levallois Perret [Seine].	— Fr.
<i>Ann. Brit. Sch., Athens ...</i>	Annual of the British School at Athens.	4 U.K.
<i>Ann. géol. minér. Novo-Alexandria</i>	Ежегодникъ по геологii и минералогii Россiй. Ново Александрия [An- nuaire géologique et minéralogique de la Russie. Novo Alexandria].	— Rus.

<i>Ann. Hist.-Nat. Mus. Nat. Hung., Budapest</i>	Annales Historico-Naturales Musei Nationalis Hungarici, Budapest.	34 Hun.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Ann. paléont., Paris ...</i>	Annales de Paléontologie publiées sous la direction de Marcellin Boule. Paris (Masson). 28 cm.	— Fr.
<i>Ann. sci. nat. (Zool. Bot.), Paris</i>	Annales des sciences naturelles, paraît en deux parties : 1 <sup>o</sup> Zoologie et Paléontologie, comprenant l'anatomie, la physiologie, la classification et l'histoire naturelle des animaux, dir. E. Perrier. Paris. [12 numéros par an.] 2 <sup>o</sup> Botanique, comprenant l'anatomie, la physiologie, la classification des végétaux, dir. Van Tieghem. Paris. [12 numéros par an.]	77 Fr.
<i>Ann. Univ. Grenoble, Paris</i>	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres et par l'école de médecine. Paris. [3 numéros par an.]	81 Fr.
<i>Ann. Univ., Lyon ...</i>	Annales de l'Université. Lyon (Rhône). [irrégul.]	82 Fr.
<i>Anthr., Paris ...</i>	Anthropologie (Réunion des Matériaux pour l'histoire de l'homme de la Revue d'anthropologie et de la Revue d'ethnographie, dir. Boule et Verneau. Paris. [bimestr.]	103 Fr.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie, hrsg. v. Ranke. Braunschweig. [ $\frac{1}{4}$ jährl.]	53 Ger.
<i>Arch. Brandenburgia, Berlin</i>	Archiv der Brandenburgia. Berlin. [zwangl.]	58 Ger.
<i>Arch. Muséum hist. nat. Lyon</i>	Archives du Muséum d'histoire naturelle. Lyon (Rhône).	126 Fr.
<i>Arch. Natg., Berlin ...</i>	Archiv für Naturgeschichte, hrsg. v. Hilgendorf. Berlin. [6 H. jährl.]	78 Ger.
<i>Arch. Rassenbiol., München</i>	Archiv für Rassen- und Gesellschaftsbiologie einschliesslich Rassen- und Gesellschaftshygiene, hrsg. v. A. Ploetz. Berlin. [2 monat.]	— Ger.
<i>Ark. Zool., Stockholm ...</i>	Arkiv för zoologi utgifvet af K. Svenska Vetenskapsakademien i Stockholm. Svo.	— Swe.
<i>Athenæum, London ...</i>	The Athenæum, London ...	16 U.K.
<i>Atti Congr. nat. ital., Milano</i>	Atti del Congresso dei Naturalisti italiani, Milano.	— It.
<i>Aus d. Heimat, Leipzig ...</i>	Aus der Heimat—für die Heimat. Beiträge zur Naturkunde des Gebietes zwischen Elb- und Wesermündung. Jahrbuch des Vereins für Naturkunde an der Unterweser. Leipzig. [jährl.]	98 Ger.

<i>Aus d. Natur, Stuttgart</i> ...	Aus der Natur, Zeitschrift für alle Naturfreunde, hrsg. v. W. Schoenichen. Stuttgart. [ $\frac{1}{2}$ monatl.]	— Ger.
<i>Austin, Trans. Texas Acad. Sci.</i>	Transactions of the Texas Academy of Science, Austin.	32 U.S.
<i>Batavia, Nat. Tijdschr.</i> ...	Natuurkundig Tijdschrift voor Nederlandsch-Indië uitgegeven door de Koninklijke natuurkundige Vereeniging, Batavia. 8vo.	11 Hol.
<i>Belfort, Bul. soc. émul.</i> ...	Bulletin de la société Belfortaine d'émulation. Belfort (Haut-Rhin). [annuel.]	166 Fr.
<i>Berkeley Univ. Cal. Pub. Bull. Dept. Geol.</i>	University of California Publications. Bulletin of the Department of Geology, Berkeley.	40 U.S.
<i>Berlin, Abh. Ak. Wiss.</i> ...	Abhandlungen der kgl. Akademie der Wissenschaften zu Berlin. Berlin. [jährl.]	152 Ger.
<i>Berlin, Ber. D. bot. Ges.</i> ...	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, Jahrb. geol. Landesanst.</i>	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin.	171 Ger.
<i>Berlin, Monatsber. D. geol. Ges.</i>	Monatsberichte der deutschen geologischen Gesellschaft. Berlin.	— Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.]	183 Ger.
<i>Berlin, Zs. D. geol. Ges.</i> ...	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [ $\frac{1}{4}$ jährl.]	199 Ger.
<i>Besançon, Mém. soc. émul.</i> ...	Mémoires de la société d'émulation du Doubs. Besançon (Doubs). [annuel.]	167 Fr.
<i>Béziers, Bul. soc. étud. sci. nat.</i>	Bulletin de la société d'étude des sciences naturelles de Béziers (Hérault). [irrégul.]	171 Fr.
<i>Biol. Bull. Wood's Holl Mass.</i>	Biological Bulletin of the Marine Biological Laboratory, Wood's Holl, Mass.	535 U.S.
<i>Boll. Naturalista, Siena</i> ...	Bollettino del Naturalista, Siena ...	33 It
<i>Boll. paletn. ital., Parma</i> ...	Bollettino di Paleontologia italiana, Parma.	— It.
<i>Bologna, Mem. Acc. sc.</i> ...	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bonn, SitzBer. Ges. Nath.</i> ...	Sitzungsberichte der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn.	1295 Ger.
<i>Bonn, Verh. nathist. Ver.</i> ...	Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande, Westfalens u. d. Reg.-Bez. Osnabrück. Nebst Sitzungsberichten der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn. [jährl. in je 2 Hälften.]	238 Ger.
<i>Bot. Gaz. Chicago Ill.</i> ...	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.

<i>Bot. Jahrb., Leipzig</i> ...	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
<i>Boulder, Univ. Colo. Stud.</i> ...	The University of Colorado Studies. Boulder, Colo.	572 U.S.
<i>Boulogne-sur-mer, Bul. soc. acad.</i>	Bulletin de la société académique, dir. H. Réveillez. Boulogne-sur-mer (Pas de Calais). [trimestr.]	191 Fr.
<i>Braunschweig, Jahresber. Ver. Natur.</i>	Jahresbericht des Vereins für Naturwissenschaft zu Braunschweig. Braunschweig. [2 jährl.]	250 Ger.
<i>Breslau, Jahresber. Ges. vaterl. Cultur</i>	Jahresbericht der schlesischen Gesellschaft für vaterländische Cultur. Breslau.	258 Ger.
<i>Bristol, Proc. Nat. Soc.</i> ...	Proceedings of the Bristol Naturalists' Society, Bristol.	40 U.K.
<i>Bul. Muséum, Paris</i> ...	Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.]	237 Fr.
<i>Caen, Bul. soc. linn.</i> ...	Bulletin de la société linnéenne de Normandie. Caen (Calvados). [trimestr.]	249 Fr.
<i>Caen, Mém. soc. linn.</i> ...	Mémoires de la société linnéenne de Normandie. Caen (Calvados). [irrégul.]	252 Fr.
<i>Cairo, Bul. Inst. Eg.</i> ...	Bulletin de l'institut Egyptien. Le Caire.	— Egypt
<i>Cambridge Mass. Bull. Mus. Comp. Zool. Harvard Coll.</i>	Bulletin of the Museum of Comparative Zoology at Harvard College, Cambridge, Mass.	71 U.S.
<i>Cambridge, Proc. Phil. Soc.</i>	Proceedings of the Cambridge Philosophical Society, Cambridge.	48 U.K.
<i>Cape Town, Ann. S. Africa Mus.</i>	Annals of the South African Museum, Cape Town.	5 S.A.
<i>Cape Town, Trans. S. Afric. Phil. Soc.</i> ...	Transactions of the South African Philosophical Society, Cape Town. [Includes Proceedings.]	7 S.A.
<i>Catania, Atti Acc. Gioenia</i>	Atti dell' Accademia Gioenia di scienze naturali, Catania.	48 It.
<i>Catania, Bull. Acc. Gioenia</i>	Bullettino delle sedute dell' Accademia Gioenia di scienze naturali, Catania.	49 It.
<i>Centralbl. Min., Stuttgart</i> ...	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [ $\frac{1}{2}$ monatl.]	285 Ger.
<i>Chicago Ill. Field Columb. Mus. Pub. Geol. Ser.</i>	Field Columbian Museum Publications, Geological Series. Chicago, Ill.	108 U.S.
<i>Croydon, Proc. Trans. Nat. Hist. Sci. Soc.</i>	Proceedings and Transactions of the Croydon Natural History and Scientific Society.	66 U.K.
<i>Danzig, Schr. natf. Ges.</i> ...	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwangl.]	394 Ger.

<i>Darmstadt, Notizbl. Ver. Erdk.</i>	Notizblatt des Vereins für Erdkunde und der grossherzoglichen geologischen Landesanstalt zu Darmstadt, nebst Mittheilungen aus der grossherzoglich hessischen Centralstelle für die Landesstatistik. Darmstadt. [jährlich.]	396 Ger.
<i>Dr. Disp., Kjöbenhavn</i> ...	Doktor disputatser ... ..	5 Den.
<i>Dresden, SitzBer. Isis</i> ...	Sitzungsberichte und Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. Dresden. [jährlich.]	415 Ger.
<i>Dublin, Sci. Proc. R. Soc.</i> ...	Scientific Proceedings of the Royal Dublin Society, Dublin.	77 U.K.
<i>Econ. Geol. Lancaster Pa.</i>	Economic Geology. Lancaster. Pa. ...	— U.S.
<i>Edinburgh, Proc. R. Physic. Soc.</i>	Proceedings of the Royal Physical Society of Edinburgh.	95 U.K.
<i>Edinburgh, Trans. Geol. Soc.</i>	Transactions of the Edinburgh Geological Society, Edinburgh.	103 U.K.
<i>Edinburgh, Trans. R. Soc.</i>	Transactions of the Royal Society of Edinburgh.	109 U.K.
<i>Ekaterinburg, Bull. Soc. Oural. nat.</i>	Записки Уральского Общества любителей естествознания. Екатеринбург [Bulletin de la Société Ouralienne des amateurs des sciences naturelles à Catherinebourg].	36 Rus.
<i>Ent. News Philadelphia Pa.</i>	Entomological News and Proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia. American Entomological Society, Philadelphia, Pa.	366 U.S.
<i>F. Mosskult. Tidskr., Helsingfors</i>	Finska Mosskulturföreningens Tidskrift. Helsingfors. 8vo.	13 Fin.
<i>Feuille jeunes natural., Paris</i>	Feuille des jeunes naturalistes, dir. Dollfus. Paris. [mensuel.]	337 Fr.
<i>Firenze, Archivio Soc. ital. antrop. etnol.</i>	Archivio della Società italiana di antropologia e di etnologia, Firenze.	61 It.
<i>Földt. Evk., Budapest</i> ...	Földtani Evkönyvei, Budapest. [Jahrbuch für Geologie, Budapest.]	20 Hun.
<i>Földt. Közl., Budapest</i> ...	Földtani Közlöny, Budapest. [Geologische Mittheilungen, Budapest.]	7 Hun.
<i>Frankfurt a. M., Abh. Senckenb. Ges.</i>	Abhandlungen hrsg. v. d. Senckenbergischen naturforschenden Gesellschaft. Frankfurt a. M. [3 H. jährlich.]	473 Ger.
<i>Frankfurt a. M., Ber. Senckenb. Ges.</i>	Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jährlich.]	476 Ger.
<i>Frankfurt a. M., Nachr. Bl. D. malakozool. Ges.</i>	Nachrichtenblatt der deutschen malakozoologischen Gesellschaft. Frankfurt a. M. [monatlich.]	480 Ger.
<i>Gaea, Leipzig</i> ... ..	Gaea. Natur und Leben, hrsg. v. Klein. Leipzig. [monatlich.]	492 Ger.
<i>Genova, Atti Soc. ligustica sc. nat. geogr.</i>	Atti della Società ligustica di scienze naturali e geografiche, Genova.	76 It.

<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jährl.]	507 Ger.
<i>Geogr. Zs. Leipzig</i> ...	Geographische Zeitschrift, hrsg. v. Hettner. Leipzig. [monatl.]	512 Ger.
<i>Géographie, Paris</i> ...	Géographie (la), bulletin de la société de géographie, par Hulot et Ch. Rabot. Paris. [mensuel.]	362 Fr.
<i>Geol. Mag., London</i> ...	Geological Magazine, London ...	134 U.K.
<i>Geol. u. palaeont. Abh., Jena</i>	Geologische und palaeontologische Abhandlungen hrsg. v. E. Kokem. Jena. [zwangl.]	— Ger.
<i>Gera, Jahresber. Ges. Natw.</i>	Jahresbericht der Gesellschaft von Freunden der Naturwissenschaft in Gera. Gera. [mehrjähr.]	515 Ger.
<i>Globus, Braunschweig</i> ...	Globus. Illustrierte Zeitschrift für Länder- und Völkerkunde, hrsg. v. Andree. Braunschweig. [wöch.]	525 Ger.
<i>Glückauf, Essen</i> ...	Glückauf. Berg- und hüttenmännische Wochenschrift, red. v. Engel etc. Essen. [wöch.]	526 Ger.
<i>Gorn. žurn., St. Peterburg</i> ...	Горный журналъ. С.-Петербургъ [Journal des mines. St.-Petersbourg].	54 Rus.
<i>Halle, Nova Acta Leop.</i> ...	Nova Acta academiae caesar. Leopoldino-Carolinae naturae curiosorum. Abhandlungen der kaiserl. Leopoldinisch-Carolinischen deutschen Akademie der Naturforscher. Halle. Leipzig. [jährl. in zwangl. II.]	548 Ger.
<i>Hamburg, Verh. natw. Ver.</i>	Verhandlungen des naturwissenschaftlichen Vereins in Hamburg-Altona. Hamburg. [jährl.]	559 Ger.
<i>Hannover, Jahrb. Prov. Mus.</i>	Jahrbuch des Provinzial Museums zu Hannover. Hannover.	— Ger.
<i>Hannover, Jahresber. nat-hist. Ges.</i>	Jahresbericht der naturhistorischen Gesellschaft zu Hannover. Hannover. [mehrjähr.]	563 Ger.
<i>Heidelberg, Verh. nathist. Ver.</i>	Verhandlungen des naturhistorisch-medicinischen Vereins zu Heidelberg. Heidelberg. [1-2 H. jährl.]	575 Ger.
<i>Helsingfors, Medd. Soc. Fauna et Fl. Fenn.</i>	Meddelanden af Societas pro Fauna et Flora Fennica. Helsingfors. 8vo.	22 Fin.
<i>Hermanstadt, Verh. Mitt. siebenb. Ver. Naturw.</i>	Verhandlungen und Mittheilungen des siebenbürgischen Vereins für Naturwissenschaften in Hermanstadt.	18 Hun.
<i>Hull, Trans. Geol. Soc.</i> ...	Transactions of the Hull Geological Society, Hull.	153 U.K.
<i>Indiana Dept. Geol. Nat. Res. Rep. Indianapolis</i>	Indiana, Department of Geology and Natural Resources Annual Report. Indianapolis.	166 U.S.
<i>Indianapolis Ind. Proc. Acad. Sci.</i>	Proceedings of the Indiana Academy of Science, Indianapolis.	169 U.S.



<i>Iowa Geol. Surv. Rep. Des Moines</i>	Iowa Geological Survey Report, Des Moines.	171 U.S.
<i>Irish Nat., Dublin</i> ...	Irish Naturalist (a monthly Journal of General Irish Natural History), Dublin.	161 U.K.
<i>J. Geol. Chicago, Ill.</i> ...	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
<i>Jaarb. Mijnc. Ned. Ind., Batavia</i>	Jaarboek van het Mijncwezen in Nederlandsch-Indië, uitgegeven door het Ministerie van Koloniën, Batavia, 8vo.	29 Hol.
<i>Jahresber. Anat., Jena</i> ...	Jahresberichte über die Fortschritte der Anatomie und Entwicklungsgeschichte, hrsg. v. Schwalbe. Jena. [referierend, jährl.]	622 Ger.
<i>Johannesburg, Trans. Geol. Soc. S. Africa</i>	Transactions of the Geological Society of South Africa, Johannesburg.	8 S.A.
<i>Jurjev, Sitzb. Naturf.-Ges.</i>	Протоколы Общества естествоиспытателей при Императорском Юрьевскомъ Университетѣ. Юрьевъ [Sitzungsberichte der Naturforschergesellschaft bei der Universität Jurjew].	79 Rus.
<i>Kiev, Zap. Obšč. Jest.</i> ...	Записки Кіевскаго Общества естествоиспытателей. Кіевъ [Mémoires de la Société des Naturalistes de Kiev].	100 Rus.
<i>Kjöbenhavn, Danm. Geol. Unders.</i>	Danmarks geologiske Undersögelse, Kjöbenhavn.	8 Den.
<i>Kjöbenhavn, Medd. Geol.</i> ...	Meddelelser fra dansk geologisk Forening, Kjöbenhavn.	15 Den.
<i>Königsberg, Schr. physik. Ges.</i>	Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg. [jähr.]	702 Ger.
<i>Kosmos, Lwów</i> ...	Kosmos, czasopismo Polskiego Towarzystwa przyrodników im. Kopernika, red. B. Radziszewski, Lwów. 8vo. [monthly.]	21 Pol.
<i>Kraków, Bull. Intern. Acad.</i>	Bulletin International de l'Académie des Sciences de Cracovie, classe des Sciences mathématiques et naturelles; red. J. Rostafiński, Cracovie. 8vo. [monthly.]	11 Pol.
<i>Kraków, Spraw. Kom. fizyogr.</i>	Sprawozdanie Komisyi fizyograficznej, obejmujące pogląd na czynności dokonane w ciągu roku . . ., oraz Materiały do fizyografii krajowej, Kraków, 8vo. [annual.]	17 Pol.
<i>Lawrence Kan. Univ. Sci. Bull.</i>	The Kansas University Science Bulletin. Lawrence, Kan. [Includes Kansas University Quarterly.]	555 U.S.
<i>Leicester, Trans. Lit. Phil. Soc.</i>	Transactions of the Leicester Literary and Philosophical Society, Leicester.	198 U.K.
<i>Leiden, Samml. Geol. Reichsmus.</i>	Sammlungen des Geologischen Reichsmuseums in Leiden. 8vo.	35 Hol.
<i>Lille, Ann. soc. géol.</i> ...	Annales de la société géologique du Nord. Lille (Nord). [bimestr.]	420 Fr.

<i>Lisbonne, Bul. Soc. Port. Se. Nat.</i>	Bulletin de la Société Portugaise des Sciences Naturelles. Lisbonne.	— Por.
<i>London, Abs. Proc. Geol. Soc.</i>	Abstracts of the Proceedings of the Geological Society, London.	213 U.K.
<i>London, J. R. Microsc. Soc.</i>	Journal of the Royal Microscopical Society, London.	240 U.K.
<i>London, J. Vic. Inst. ...</i>	Journal of the Victoria Institute, London	246 U.K.
<i>London, Mineral. Mag. ...</i>	The Mineralogical Magazine and Journal of the Mineralogical Society, London.	250 U.K.
<i>London, Monogr. Palæont. Soc.</i>	Monographs of the Palæontographical Society, London.	252 U.K.
<i>London, Phil. Trans. R. Soc.</i>	Philosophical Transactions of the London Royal Society.	254 U.K.
<i>London, Proc. Geol. Ass. ...</i>	Proceedings of the Geologists' Association, London.	257 U.K.
<i>London, Proc. Malac. Soc.</i>	Proceedings of the Malacological Society of London, London, 8vo.	261 U.K.
<i>London, Proc. R. Soc. ...</i>	Proceedings of the London Royal Society	267 U.K.
<i>London, Proc. Zool. Soc. ...</i>	Proceedings of the Zoological Society, London.	271 U.K.
<i>London, Q. J. Geol. Soc. ...</i>	Quarterly Journal of the Geological Society, London.	272 U.K.
<i>London, Rep. Brit. Ass. ...</i>	Report of the British Association for the Advancement of Science, London.	276 U.K.
<i>London, Trans. Inst. Min. Engin.</i>	Transactions of the Institution of Mining Engineers, London.	343 U.K.
<i>Los Angeles Bull. So. Cal. Acad. Sci.</i>	Bulletin of the Southern California Academy of Sciences, Los Angeles.	204 U.S.
<i>Lund, Fysio. jr. Sällsk. Handl. v. Lund, Univ. Årsskr.</i>		
<i>Lund, Univ. Årsskr. ...</i>	Acta Universitatis Lundensis.—Lunds Universitets Årsskrift. Lund. 4to.	14 Swe.
<i>Magdeburg Abh., Mus. Natk.</i>	Museum für Natur- und Heimatkunde zu Magdeburg. Abhandlungen und Berichte hrsg. v. A. Mertens. Magdeburg. [zwangl.]	— Ger.
<i>Manchester, Mem. Lit. Phil. Soc.</i>	Memoirs and Proceedings of the Manchester Literary and Philosophical Society, Manchester.	302 U.K.
<i>Manchester, Trans. Geol. and Mining Soc.</i>	Transactions of the Manchester Geological and Mining Society, Manchester.	310 U.K.
<i>Marseille, Ann. Soc. Sci. Provence</i>	Annales de la Société des sciences naturelles de Provence. Marseille.	— Fr.
<i>Math. nativ. Ber. Ungarn, Leipzig</i>	Mathematische und naturwissenschaftliche Berichte aus Ungarn. Leipzig. [jährlich]	— Ger.
<i>Math. Term. Közlem., Budapest</i>	Matematikai és Természettudományi Közlemények. [Mathematische u. naturwissenschaftliche Mittheilungen, Budapest.]	12 Hun.

<i>Med. Klinik, Berlin</i> ...	Medizinische Klinik. Wochenschrift für praktische Ärzte, hrsg. v. Th. Axenfeld etc. Berlin.	— Ger.
<i>Mem. Geol. Surv. Eng., London</i>	Memoirs of the Geological Survey of England and Wales. London.	325 U.K.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali e del museo civico di Storia naturale, Milano.	102 It.
<i>Milwaukee Bull. Wis. Nat. Hist. Soc.</i>	Bulletin of the Wisconsin Natural History Society, Milwaukee.	235 U.S.
<i>Missouri Bur. Geol. Jefferson City</i>	Bureau of Geology and Miners. Jefferson City, Mo.	258 U.S.
<i>Mitt. D. dendr. Ges., Bonn.</i>	Mittheilung der deutschen dendrologischen Gesellschaft. Bonn. [jähr.]	801 Ger.
<i>Mitt. philomath. Ges., Strassburg</i>	Mittheilungen der philomathischen Gesellschaft in Elsass-Lothringen. [zwangl.]	— Ger.
<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
<i>Museumskunde, Berlin</i> ...	Museumskunde. Zeitschrift für Verwaltung und Technik öffentlicher und privater Sammlungen, hrsg. v. K. Koetschau. Berlin. [4 H. jährl.]	— Ger.
<i>N. Jahrb. Min., Stuttgart ...</i>	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer. Stuttgart. [2 monatl.] Nebst Beilage-Bänden.	854 Ger.
<i>Nantes, Bul. soc. sci. nat....</i>	Bulletin de la société des sciences naturelles de l'Ouest. Nantes (Loire-Inférieure). [trimestr.]	537 Fr.
<i>Napoli, Rend. Acc. sc. ...</i>	Rendiconti dell'Accademia delle scienze fisiche e matematiche, Napoli.	120 It.
<i>Natur u. Kultur, München</i>	Natur und Kultur. Zeitschrift für Schule und Leben, hrsg. v. F. H. Voller. München. [ $\frac{1}{2}$ monatl.]	— Ger.
<i>Nature, London</i> ... ..	Nature, London ... ..	337 U.K.
<i>Nature, Paris</i> ... ..	Nature (la), revue illustrée des sciences et de leurs applications aux arts et à l'industrie, réd. H. de Parville. Paris. [hebdomad.]	542 Fr.
<i>Natw. Rdsch., Braunschweig</i>	Naturwissenschaftliche Rundschau, hrsg. v. Sklarek. Braunschweig. [wöch.]	867 Ger.
<i>Natw. Wochenschr., Jena ...</i>	Naturwissenschaftliche Wochenschrift, red. v. Potonié. Jena.	868 Ger.
<i>Nautilus, Boston, Mass. ...</i>	Nautilus, Boston, Mass. ... ..	271 U.S.
<i>New Brighton N.Y. Proc. Staten Is. Ass. Arts Sci.</i>	Proceedings of the Staten Island Association of Arts and Sciences, New Brighton, N.Y.	274 U.S.
<i>New Jersey Rep. Geol. Trenton</i>	New Jersey Geological Survey. Annual Report of the State Geologist, Trenton.	284 U.S.

<i>New York N.Y. Ann. Acad. Sci.</i>	Annals of the New York Academy of Sciences, New York, N.Y.	295 U.S.
<i>New York N.Y. Bull. Amer. Mus. Nat. Hist.</i>	Bulletin of the American Museum of Natural History, New York, N.Y.	299 U.S.
<i>New York N.Y. Bull. Geol. Soc. Amer.</i>	Bulletin of the Geological Society of America, New York, N.Y.	410 U.S.
<i>New York N.Y. Bull. Torrey Bot. Cl.</i>	Bulletin of the Torrey Botanical Club, New York, N.Y.	302 U.S.
<i>New York N.Y. J. Bot. Gard.</i>	Journal of the New York Botanical Garden, New York, N.Y.	318 U.S.
<i>Niort, Mém. soc. stat. sci....</i>	Mémoires de la société de statistique, sciences, belles-lettres et arts du département des Deux-Sèvres. Niort (Deux-Sèvres). [annuel.]	555 Fr.
<i>Nuovo Giorn. bot. ital., Firenze</i>	Nuovo Giornale botanico italiano, Firenze.	124 It.
<i>Offenbach, Ber. Ver. Natk.</i>	Bericht über die Thätigkeit des Offenbacher Vereins für Naturkunde. Offenbach a. M. [mehrjähr.]	887 Ger.
<i>Ohio Nat., Columbus ...</i>	Ohio Naturalist. (Biological Club, Ohio State University), Columbus, Ohio.	348 U.S.
<i>Padova, Atti Acc. venetrent.</i>	Atti dell' Accademia scientifica veneto-trentina-istriana, Padova.	130 It.
<i>Palaeontographica, Stuttgart</i>	Palaeontographica. Beiträge zur Naturgeschichte der Vorzeit, hrsg. v. Zittel. Stuttgart. [2-3 H. jähr.]	898 Ger.
<i>Paleontogr. Ital., Pisa ...</i>	Paleontografia Italica, Pisa ... ..	132 It.
<i>Palermo, Giorn. sc. nat. econ.</i>	Giornale della Società di scienze naturali ed economiche, Palermo.	137 It.
<i>Paris, Bul. mém. soc. anthr.</i>	Bulletin et mémoires de la société d'anthropologie de Paris. Paris. [bimestr.]	577 Fr.
<i>Paris, Bul. soc. bot. ...</i>	Bulletin de la société botanique de France, gér. Malinvaud. Paris. [mensuel.]	586 Fr.
<i>Paris, Bul. Soc. ent. ...</i>	Bulletin de la société entomologique de France. Paris. [mensuel.]	591 Fr.
<i>Paris, Bul. soc. géol. ...</i>	Bulletin de la société géologique de France. Paris. [mensuel.]	598 Fr.
<i>Paris, C. R. Acad. sci. ...</i>	Comptes-rendus hebdomadaires des séances de l'académie des sciences. Paris.	612 Fr.
<i>Paris, C. R. ass. franç. avanc. sci.</i>	Comptes-rendus de l'association française pour l'avancement des sciences. Paris. [2 volumes par an.]	613 Fr.
<i>Paris, C. R. soc. biol. ...</i>	Comptes-rendus hebdomadaires des séances et mémoires de la société de biologie. Paris.	615 Fr.
<i>Paris, Mém. soc. géol. ...</i>	Mémoires de la société géologique de France. Paris. [irrégul.]	622 Fr.
<i>Passau, Ber. natur. Ver. ...</i>	Bericht des naturwissenschaftlichen Vereins zu Passau. (Eingetragener Verein.) Passau. [mehrjähr.]	900 Ger.

<i>Perugia Boll. ed Arch. Sez. se. Istit. umbro sc. lett.</i>	Bolletino ed Archivio della Sezione di Scienze dello Istituto umbro di Scienze e lettere.	— It.
<i>Philadelphia Pa. Proc. Acad. Nat. Sci.</i>	Proceedings of the Academy of Natural Sciences of Philadelphia, Philadelphia, Pa.	371 U.S.
<i>Philadelphia Pa. Proc. Amer. Phil. Soc.</i>	Proceedings of the American Philosophical Society, Philadelphia, Pa.	372 U.S.
<i>Philadelphia Pa. Trans. Amer. Ent. Soc.</i>	Transactions of the American Entomological Society, Academy of Natural Sciences of Philadelphia, Philadelphia, Pa.	364 U.S.
<i>Philippine J. Sci. Manila P.I.</i>	The Philippine Journal of Science, Bureau of Science of the Philippine Island, Manila.	— U.S.
<i>Pisa, Mem. Soc. tosc. sc. nat.</i>	Memorie della Società toscana di scienze naturali, Pisa.	26 It.
<i>Pisa, Proc. verb. Soc. tosc. sc. nat.</i>	Processi verbali della Società toscana di scienze naturali, Pisa.	154 It.
<i>Pittsburg Pa. Ann. Carnegie Mus.</i>	Annals of the Carnegie Museum, Pittsburg, Pa.	388 U.S.
<i>Pop. Sci. Mon. New York N.Y.</i>	Popular Science Monthly, New York, N.Y.	392 U.S.
<i>Potf. Termt. Közl., Budapest</i>	Potfűzetek a Természettudományi Közlönyhöz, Budapest. [Beiblätter zu den naturwissenschaftlichen Mittheilungen, Budapest.]	13 Hun.
<i>Regensburg, Ber. natw. Ver.</i>	Berichte des naturwissenschaftlichen (früher zoologisch-mineralogischen) Vereins zu Regensburg. (Forts. des Correspondenzblattes.) Regensburg. [2 jährl.]	949 Ger.
<i>Rev. gén. bot., Paris ...</i>	Revue générale de botanique. Dir. G. Bonnier. Paris. [mensuel.]	686 Fr.
<i>Rhodora, Boston, Mass. ...</i>	Rhodora. Journal of the New England Botanical Club, Boston, Mass.	408 U.S.
<i>Riv. ital. paleont., Perugia [formerly Bologna].</i>	Rivista italiana di paleontologia, Perugia.	167 It.
<i>Riv. ital. sc. nat., Siena ...</i>	Rivista italiana di scienze naturali, Siena.	168 It.
<i>Rochdale, Trans. Lit. Sci. Soc.</i>	Transactions of the Rochdale Literary, etc., Society, Rochdale, Svo.	394 U.K.
<i>Roma, Atti Acc. Nuovi Lincei</i>	Atti dell'Accademia pontificia dei Nuovi Lincei, Roma.	189 It.
<i>Roma, Boll. Soc. geol. ital.</i>	Bollettino della Società geologica italiana, Roma.	197 It.
<i>Roma, Mem. Acc. Nuovi Lincei</i>	Memorie dell'Accademia pontificia dei Nuovi Lincei, Roma.	204 It.
<i>Roma, Rend. Acc. Lincei ...</i>	Rendiconti della R. Accademia dei Lincei, Roma.	209 It.
<i>St. Peterburg, Bull. Ac. Sc.</i>	Извѣстія Императорской Академіи Наукъ. С.-Петербургъ [Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg].	251 Rus.

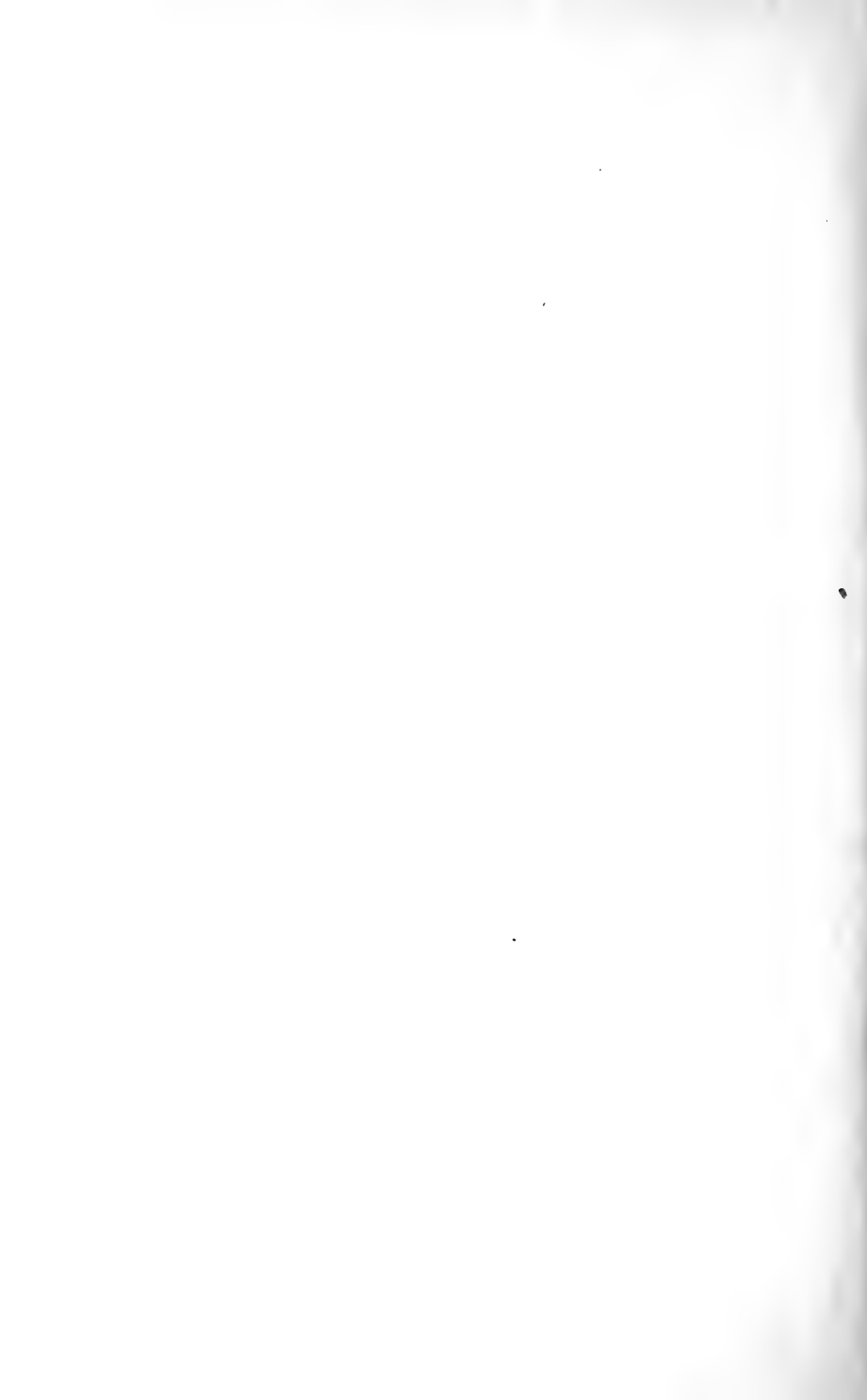
<i>St. Peterburg, Bull. Com. géolog.</i>	Извѣстія Геологическаго Комитета. С.-Петербургъ [Bulletin du Comité géologique. St.-Petersbourg].	222 Rus.
<i>St. Peterburg, Mém. Com. géolog.</i>	Труды Геологическаго Комитета. С.-Петербургъ [Mémoires du Comité géologique. St.-Petersbourg].	267 Rus.
<i>St. Peterburg, Trar. Soc. nat.</i>	Труды Императорскаго С.-Петербургскаго Общества естествоиспытателей. С.-Петербургъ [Travaux de la Société Impériale des naturalistes de St.-Petersbourg].	284 Rus.
<i>St. Peterburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ [Verhandlungen der russischen Mineralogischen Gesellschaft. St.-Petersbourg].	290 Rus.
<i>Sborn. techn. statej, Char'kov</i>	Сборникъ техническихъ статей. Харьковъ (приложеніе къ Горнозаводскому Листу. Харьковъ) [Recueil des travaux techniques, Char'kov. Suppl. du Gorno-zavodsk. list., Char'kov (Gazette des mines)].	— Rus.
<i>Science, New York, N.Y. ...</i>	Science, New York, N.Y. ...	429 U.S.
<i>Stockholm, Sv. Geol. Unders.</i>	Sveriges Geologiska Undersökning. Serien A. Kartblad med beskrifningar. Serien B. Öfversigtskartor, Specialkartor. Serien C. Afhandlingar och uppsatser. [Chiefly consist of papers originally published by other scientific bodies.]	35 Sw.
<i>Stockholm, Vet.-Ak. Handl.</i>	Kongl. Svenska Vetenskaps-Akademiens Handlingar. Stockholm. In 4to.	40 Sw.
<i>Stone Trans. N. Staff. F. Cl.</i>	Annual Report and Transactions of the North Staffordshire Naturalists' Field Club, and Archæological Society, Stone.	— U.K.
<i>Stuttgart, Jahreshefte Ver. Natk.</i>	Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg. Stuttgart.	1021 Ger.
<i>Tokio, Bull. Imp. Geol. Surv. Japan</i>	Imperial Geological Survey of Japan ...	8 Jap.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Topeka, Trans. Kan. Acad. Sci.</i>	Transactions of the Kansas Academy of Science, Topeka.	446 U.S.
<i>Torino, Atti Acc. sc. ...</i>	Atti della R. Accademia delle scienze, Torino.	202 It.
<i>Torreya, New York, N.Y.</i>	Torreya. (Torrey Botanical Club), New York, N.Y.	332 U.S.

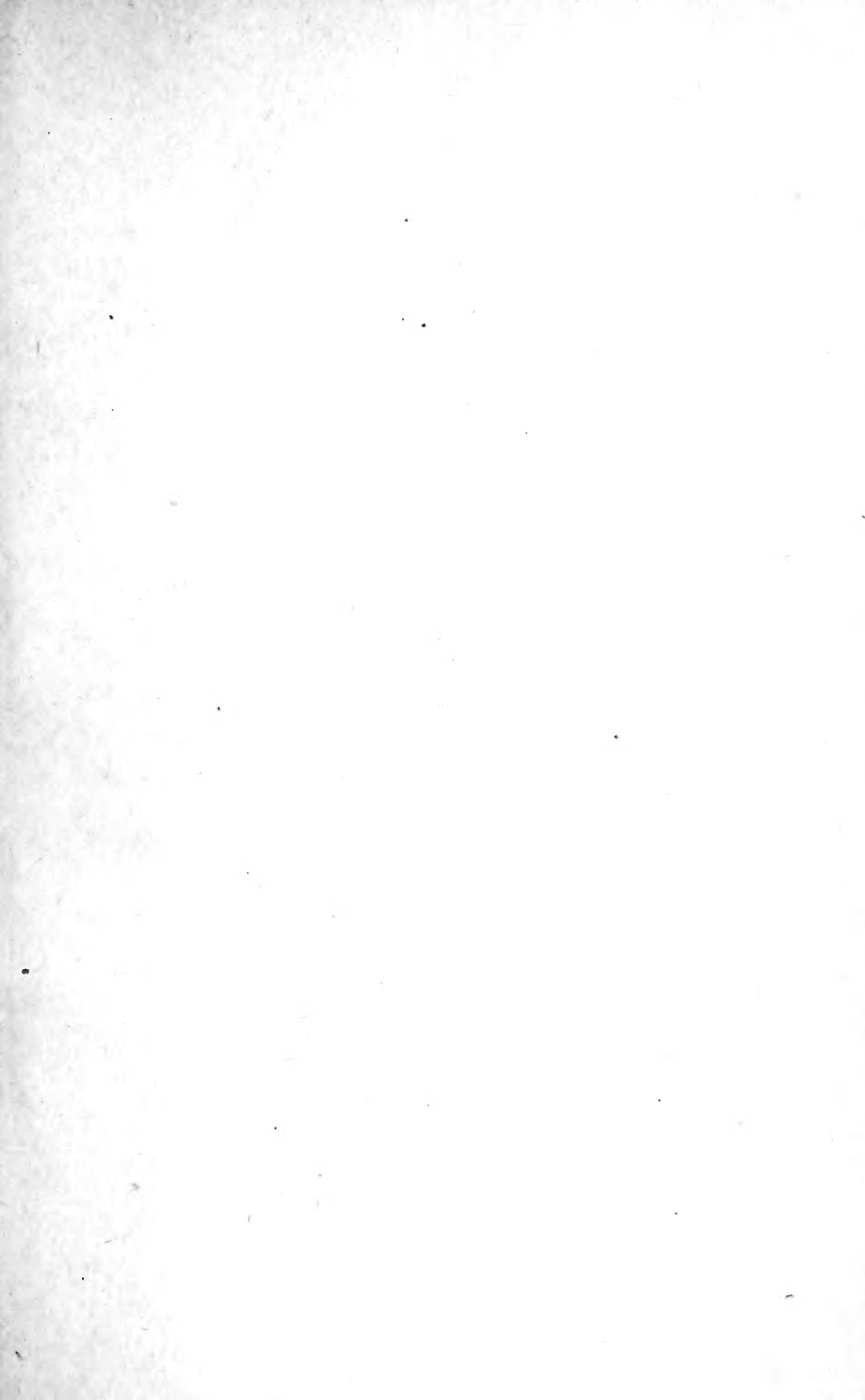
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Upsala, Bull. Geol. Inst. ...</i>	Bulletin of the Geological Institution of the University of Upsala, ed. Hj. Sjögren. Upsala. 8vo.	55 Sw.
<i>Venezia, Atti Ist. ven. ...</i>	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
<i>Verh. D. zool. Ges., Leipzig</i>	Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig. [jährh.]	1082 Ger.
<i>Vermont Rep. Geol., Montpellier [formerly Burlington]</i>	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Montpellier.	585 U.S.
<i>Washington D.C. Carnegie Inst. Pub.</i>	Publications of the Carnegie Institute. Washington, D.C.	— U.S.
<i>Washington D.C. Dept. Inst. Bull. U. S. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Society, Washington, D.C.	516 U.S.
<i>Washington D.C. Dept. Int. U. S. Geol. Surv. Monogr.</i>	Department of the Interior. U. S. Geological Survey. Monographs, Washington, D.C.	483 U.S.
<i>Washington D.C. Dept. Int. U. S. Geol. Surv. Prof. Paprs.</i>	Professional Papers. Department of the Interior. U. S. Geological Survey. Washington, D.C.	— U.S.
<i>Washington D.C. Smithsonian Inst. Misc. Collect. Q.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly. Washington, D.C.	497 U.S.
<i>Washington D.C. Smithsonian Inst. Rep.</i>	Smithsonian Institution. Annual Report of the Board of Regents, Washington, D.C.	502 U.S.
<i>Washington D.C. Smithsonian Inst. U. S. Nation. Mus. Proc.</i>	Smithsonian Institution. U.S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Wellington, Trans. and Proc. N. Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wien, Beitr. Pal. Geol. OstÜng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien, hrsg. mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und Gustav] von Arthaber. Wien. [ $\frac{1}{4}$ jährh.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumind. jährh.]	420 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [ $\frac{1}{4}$ jährh.]	425 Aus.

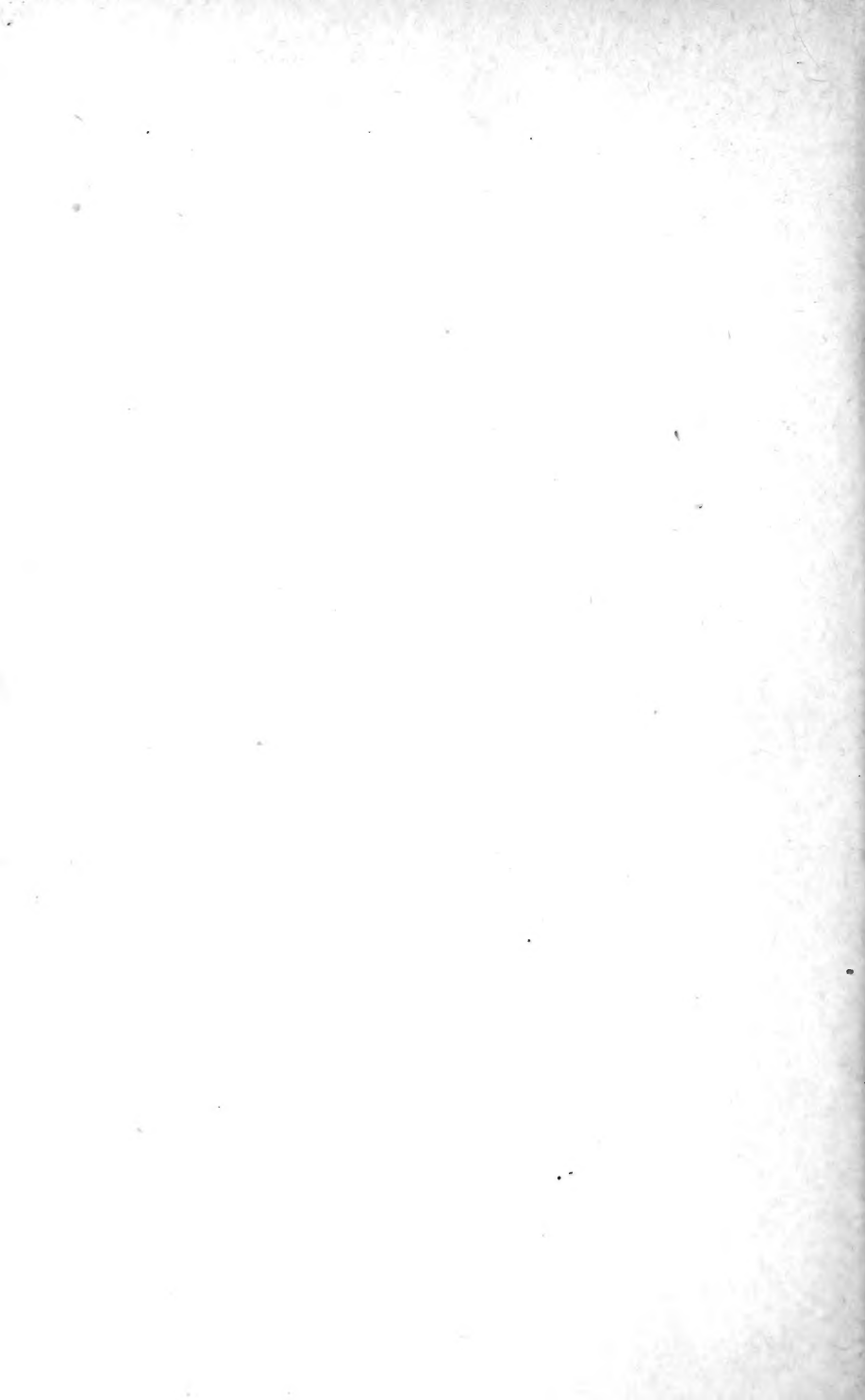
<i>Wien, Schr. Ver. Verbr. Natw. Kenntn.</i>	Schriften der Vereins zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. [Nebentitel:] Populäre Vorträge aus allen Fächern der Naturwissenschaft, hrsg. vom Vereine zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. Wien. [jähr., bzw. in zwangl. Heften.]	471 Aus.
<i>Wien, SitzBer. Ak. Wiss.</i>	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwangl.]	472 Aus.
<i>Wien, Verh. ZoolBot. Ges.</i>	Verhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien, red. v. A[nton] Handlirsch. Wien. [10 H. jährl.]	479 Aus.
<i>Wr. Klin. Rdsch., Wien ...</i>	Wiener Klinische Rundschau. Organ für die gesamte praktische Heilkunde sowie für die Interessen des ärztlichen Standes, red. v. F. Obermayer und Karl Kunn. Wien. [wöch.]	495 Aus.
<i>Wszechświat, Warszawa ...</i>	Wszechświat, tygodnik poświęcony naukom przyrodniczym, red. Br. Znatowicz, Warszawa, 4to. [weekly.]	— Pol.
<i>Yorks. Proc. Geol. Soc. ...</i>	Proceedings of the Yorkshire Geological and Polytechnic Society, Halifax.	430 U.K.
<i>Ymer, Stockholm ...</i>	Ymer. Tidskrift utgifven af Svenska Sällskapet för Antropologi och Geografi. Stockholm. Svo.	61 Sw.
<i>Zool. Centralbl., Leipzig ...</i>	Zoologisches Centralblatt, hrsg. v. Schuberg. Leipzig. [referierend, 26 Nrn jährl.]	1149 Ger.
<i>Zool. Jahrb., Jena ...</i>	Zoologische Jahrbücher, hrsg. v. Spengel. 1. Abth. für Anatomie. 2. Abth. für Systematik. Jena. [Die Abth. 4 H. jährl.] Nebst Supplementen.	1151 Ger.
<i>Zs. Min., Stuttgart...</i>	Zeitschrift für Mineralogie, Geologie und Paläontologie, hrsg. v. R. Zimmermann. Stuttgart. [monat.]	— Ger.
<i>Zs. Natw., Leipzig ...</i>	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Leipzig. [2 monatl.]	1214 Ger.
<i>Zs. prakt. Geol., Berlin ...</i>	Zeitschrift für praktische Geologie, hrsg. v. Krahmam. Berlin. [monatl.]	1228 Ger.
<i>Zs. wiss. Insektenbiol., Berlin</i>	Zeitschrift für wissenschaftliche Insektenbiologie. (Früher: allgemeine zeitschrift für Entomologie, hrsg. v. C. Schröder.) Berlin. [monatl.]	— Ger.











FOR PHOTOCOPY OR READING ROOM  
USE  
PLEASE SIGN OUT AT THE SCIENCE  
AND MEDICINE REFERENCE DESK

NOT FOR CIRCULATION

Z  
7403  
R882  
Div.K  
1908

International catalogue of  
scientific literature,  
1901-1914

Biological  
& Medical  
Reference

STORAGE

