

UNIV. OF
TORONTO
LIBRARY

K

PALAEONTOLOGY

INTERNATIONAL COUNCIL.

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

EXECUTIVE COMMITTEE.

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

DIRECTOR.

DR. H. FORSTER MORLEY.

REFeree FOR THIS VOLUME.

G. K. GUDE.

3.150
IC12

INTERNATIONAL CATALOGUE

OF

SCIENTIFIC LITERATURE

THIRTEENTH ANNUAL ISSUE.

K PALAEOLOGY

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

1916 (FEBRUARY)

140 572
14/10/16

7403
R222
D22K
212

[Material received between Nov. 1913 and Nov. 1914.]

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. Volume XIII is published. 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, Mechanics and Physics are published.

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 Chili.
- 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 Government of Queensland.
- The Government of Russia.
- The Government of the Union of South Africa.
- 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.

- Argentine Republic.**—Prof. Felix F. Outes, Universidad de Buenos-Aires.
- 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.**—C. H. Gould, Esq., McGill University, Montreal.
- Chili.**—Señor C. Silva Cruz, Biblioteca Nacional, Santiago.
- Cuba.**—Prof. Santiago de la Huerta, Havana.
- Denmark.**—Dr. Martin Knudsen, Polyteknisk Lærestanstalt, Copenhagen. O.
- Egypt.**—B. F. E. Keeling, Esq., 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 Geheimer Regierungsrat Prof. Dr. O. Uhlworm, Luisenstrasse 33/34, Berlin N.W. 6.
- Greece.**—Monsieur P. Calogeropoulos, Boulē tōn Ellenōn, 20 Homer Street, Athens.
- Holland.**—Heer Prof. D. J. Korteweg, Universitāt, Amsterdam.
- Hungary.**—Herr Prof. Gustav Rados, viii. Muzeynkörut, Műegyetem, Buda-Pest.
- India and Ceylon.**—The Hon. Sec., Asiatic Society of Bengal, 1, 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. Kjær, Universitetet, Kristiania.
- Poland (Austrian, Russian and Prussian).**—Dr. T. Estreicher, Sekretarz, Komisya Bibliograficzna, Akademii Umiejętności, Cracow.
- Portugal.**—Senhor F. Gomez Teixeira, Faculdade de Sciences, Universidade 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 and Tasmania.**—Thomas S. Hall, Esq., Hon. Sec. Royal Society of Victoria, Victoria Street, Melbourne.
- Western Australia.**—J. S. Batty, 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 1913, but includes those portions of the literature of 1901-1912 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.*

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 the sections.

CONTENTS.

	PAGE
Author Catalogue	19
Subject Catalogue	43
Palaeozoology:	
Stratigraphical	46
Zoological	68
List of New Genera and Species	105
Palaeobotany:	
Stratigraphical	129
Botanical	133
List of New Genera and Species	136
List of Journals	139

* Errata on p. viii of the preceding volume: l. 26 for 1911 read 1912; l. 29 for 1912 read 1913.

International Catalogue of Scientific Literature

SCHEDULE

OF

CLASSIFICATION

(K) PALÆONTOLOGY

(K) PALEONTOLOGY.

- 0000 Philosophy.
 0010 Historical Bibliography.
 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 Palaeontology; 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 Fossilization.

The numerical symbol to be used for Palaeontological 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 sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions 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.
 Zonale Paläontologie; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.
 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)
 Fossilien unbestimmten biologischen Charakters.
 Versteinering.

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 crétaçés 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 triasici avrà il simbolo K 65.2231; una sovra Felei carbonifero 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 sopra Pesci cretaçci della Turchia Asiatica porterà il simbolo K 75.5431 *et*.

		38	39	45	50
Palaeozoologia.		Fossils of doubtful Strati- graphical position.	General.	Palaeo- zoic (General).	Lower Palaeo- zoic.
0231	Palaeozoologia	38. 0231	39. 0231	45. 0231	50. 0231
5231	Vertebrata	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
5031	Reptilia et Batrachia	38. 5031	39. 5031	45. 5031	50. 5031
5431	Pisces	38. 5431	39. 5431	45. 5431	50. 5431
5031	Tunicata, Amphioxus, &c.	38. 5031	39. 5031	45. 5031	50. 5031
2431	Arthropoda, 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, Eurypterida, Trilobita, &c.	38. 2831	39. 2831	45. 2831	50. 2831
2631	Crustacea	38. 2631	39. 2631	45. 2631	50. 2631
2231	Mollusca, 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
0631	Coelenterata, incl. Graptolithoidea	38. 0631	39. 0631	45. 0631	50. 0631
0631	Porifera	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

Palaeobotanica.		38	39	45	50
5000	Palaeobotanica 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	Gymnospermae	38. 6500	39. 6500	45. 6500	50. 6500
6600	Cycadofilices (Pteridospermae)	38. 6600	39. 6600	45. 6600	50. 6600
6700	Pteridophyta	38. 6700	39. 6700	45. 6700	50. 6700
7000	Musci 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
Palaeozoic (General)	45	Palaeozoicum (Allgemeines)	45
Lower Palaeozoic	50	Unteres Palaeozoicum	50
Upper Palaeozoic	55	Oberes Palaeozoicum	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
Triassique	65	Triassico	65
Jurassique	70	Jurassico	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, West-indische 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.]

I.—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 lat 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.]

I.—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, comprese Celebes e Timor.
- Africa e Madagascar.
- America settentrionale, compreso il Messico.
- America Centrale e Meridionale, e Indie Occidentali.
- Australia, Tasmania e Nuova Zelanda 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 Zelanda. (*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.
de. German Empire.
dd. Holland; Belgium; Luxemburg.
de. British Islands.
df. France and Corsica.
dj. 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.
eea. West Siberia.
cab. East Siberia
eac. Central Asiatic Russia.
eb. China and Dependencies: Mongolia, Tibet, etc. Corea.
cc. Japanese Islands; Formosa.
ed. French Indo-China: Tonquin, Annam, etc.

2.—UNTERABTEILUNGEN.

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 (Creta, 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: Mongolien, 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.

2.—SUBDIVISIONS

d. EUROPE AVEC LA MÉDITERRANÉENNE ET SES ÎLES.

- Ja.* Scandinavie : Suède, Norvège, Danemark ; Islande, îles Féroë.
db. Empire russe et Russie d'Europe avec le Caucase.
dla. Russie Septentrionale.
ddb. Russie Méridionale.
dbe. Russie Centrale.
dbd. Caucase.
dce. Région des Monts Oural.
de. Empire Germanique.
dl. Hollande ; Belgique ; Luxembourg.
de. Îles Britanniques.
df. France et Corse.
dj. Péninsule ibérique (avec les Pyrénées) : Espagne (et Baléares) ; Portugal.
dh. Italie. Sicile avec les îles Lipari et Pantellaria). Sardaigne.
di. Suisse.
dii. Alpes.
dl. 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.
aaa. Sibérie Occidentale.
eab. Sibérie Orientale.
aac. Asie centrale russe.
eb. Chine et ses dépendances : Mongolie, Tibet, etc. Corée.
ec. Archipel du Japon ; Formose.
ed. Indo-Chine Française : Tonkin, Annam, etc.

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

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 Azov.
 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.
ec. 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.; Ägyptischer Sudan; Abessinien; 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, British-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
 Ost-Canadisches Gebiet; Newfoundland.
 Gebiet der Laurentischen Seen.
 Vereinigte Staaten als Ganzes.

- ce.* 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, Algérie, 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 ; Birmania ; 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 francese 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 riferenti 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 Laurentiani.
 Gli Stati Uniti in generale.

- gg.* 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).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.
- gk.* Mississippi River System as a whole.
- gl.* Mexico.

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).

Südosten der Vereinigten Staaten, östlich vom Mississippi.

Westen der Vereinigten Staaten, westlich vom Mississippi.

Flusssystem des Mississippi als Ganzes.

Mexiko

h. CENTRAL AND SOUTH AMERICA
AND WEST INDIES.

CENTRAL-AMERIKA, SÜD-AMERIKA,
WEST-INDIEN.

- hb.* Central America ; Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.
- hc.* West Indian Islands ; Caribbean Sea ; Gulf of Mexico.
- hd.* Guiana : British, Dutch, and French ; Venezuela ; Trinidad ; Curaçao.
- he.* Colombia ; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil and Amazon River System as a whole.
- hi.* Argentina with Patagonia as a whole ; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands ; Falkland Islands.
- hm.* The Andes.

Central-Amerika : Guatemala, Honduras ; Britisch-Honduras ; Salvador Nicaragua ; Costa Rica ; Panama.

Westindische Inseln ; Caraïbisches Meer ; Golf von Mexiko.

Guyana : Britisch, Niederländisch und Französisch ; Venezuela ; Trinidad ; Kurassao.

Columbia ; Ecuador.

Peru.

Bolivia.

Brasilien und Flusssystem des Amazonas als Ganzes.

Argentinien mit Patagonien als Ganzes ; Uruguay und Paraguay.

Chile.

Feuerland und benachbarte Inseln ; Falkland Inseln.

Die Anden.

i. AUSTRALASIA.

AUSTRALASIEN.

- ia.* New Guinea with Waigoe, Misool and Aroo Islands.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales with Norfolk and Lord Howe Islands.
- if.* Victoria.
- ig.* South Australia.
- ih.* Western Australia.
- ii.* Tasmania.
- il.* New Zealand and neighbouring Islands (Kermadec, Auckland, Chatham, Macquario Islands, etc.).
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

Neu-Guinea, mit Waigoe, Misool und Aroo-Inseln.

Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).

Australien als Ganzes.

Queensland.

Neu-Süd-Wales mit Norfolk- und Lord Howe-Inseln.

Victoria.

Süd-Australien.

West-Australien.

Tasmanien.

Neu-Seeland und benachbarte Inseln (Kermadec-, Auckland-, Chatham-, Macquario-Inseln etc.).

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.
- 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 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.
- 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.
- AUSTRALIA E OCEANIA.
- Nuova Guinea colle Isole Waigoe, Misool ed Aroo.
- Arceipelago 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.

j. POLAR REGIONS IN GENERAL.

k. ARCTIC.

- ka. Arctic Ocean.
 kb. Greenland.
 kc. Archipelago north of North America.
 kd. Islands north of Europe and Asia.

l. ATLANTIC.

- la. North Atlantic Ocean and Islands not otherwise specified.
 lb. Azores; Canaries; Madeira; Cape Verde.
 lc. South Atlantic and Islands.

m. INDIAN OCEAN.

- ma. Ocean and Islands N. of Equator.
 mb. Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na. North Pacific Ocean (North of Equator).
 nb. South Pacific Ocean (South of Equator).
 nc. Behring Sea and Islands (excluding Aleutian Archipelago).
 nd. Sandwich Islands and scattered groups N. of Equator and E. of 180°.
 ne. Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
 nf. Fiji Islands, Friendly Islands (Tonga), Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
 ng. Galapagos Islands.
 nh. Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa. Antarctic Continent as a whole.
 ob. S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
 oc. Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
 od. Islands to Southward and Southeast of New Zealand and Area South of Pacific.

POLARGEBIET IM ALLGEMEINEN.

ARKTISCHES GEBIET.

- Der Arktische Ocean.
 Grönland.
 Archipel nördlich von Nord-Amerika.
 Inseln nördlich von Europa und Asien.

ATLANTISCHES GEBIET.

- Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
 Azoren; Kanaren; Madeira; Cap Verde.
 Der Südatlantische Ocean mit seinen Inseln.

INDISCHER OCEAN.

- Ocean und Inseln nördlich vom Aequator.
 Ocean und Inseln südlich vom Aequator, einschliesslich Mascarenen, Neu-Amsterdam und St. Paul.

PACIFISCHES GEBIET.

- Nordpazifischer Ocean (nördlich vom Aequator).
 Südpazifischer Ocean (südlich vom Aequator).
 Berings Meer, nebst Inseln (ohne Aleuten-Archipel).
 Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
 Ladrone-, Palau-, Carolinen-, und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und westlich vom 180. Grad.
 Fidschi-Inseln, Freundschafts-Inseln (Tonga), Samoa, Ellice-Inseln, Phoenix-Inseln etc., westlich vom Meridian 160° W.L.
 Galapagos-Inseln.
 Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacificischen Oceans, östlich vom Meridian 16° W.L.

ANTARKTISCHES GEBIET.

- Der Antarktische Kontinent als Ganzes.
 Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
 Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
 Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacificischen Oceans.

j. REGIONS POLAIRES EN GÉNÉRAL.

h. 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, Marquises 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, comprendendovi 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 antarctica 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 Zelanda e regione a Sud del Pacifico.

AUTHOR CATALOGUE.

Abel, O[thenio]. Die eocänen Sirenen der Mittelmeerregion. Tl 1: Der Schädel von *Eotherium aegyptiacum*. Palaeontographica Stuttgart **59** 1913 (289-360 m. 5 Taf.). [85.6031 *fb*]. 9759

——— Die Tierwelt Griechenlands im Unterpliozän. Wien Schr. Ver. Verbr. Natw. Kenntn. **53** 1913 (283-305). [90.5231 *dt* 5231.90]. 9760

——— Neuere Wege phylogenetischer Forschung. Verh. Ges. D. Natf. Leipzig **85** 1913 i [1914] (116-124). [0200]. 9761

Adloff, P[aul]. Die Zähne der diluvialen Menschenrassen. Anat. Anz. Jena **45** 1913 (185-190). [95.6031]. 9762

Airaghi, Carlo. Ammoniti degli Schisti bituminosi di Besano in Lombardia. Roma Boll. Soc. Geol. Ital. **30** 1911 (1048-1050). [65.2231 *dh*]. 9763

Alessandri (de) Giulio v. Tommasi, A.

Allen, Glover M[orrill]. A new *Myiodon*. [With bibliography.] Cambridge Mass. Mem. Mus. Comp. Zool. Harvard Coll. **40** 1913 (317-346 pls. 1-4). [95.6031 *gi*]. 9764

Allen, J[ael] A[saph]. Ontogenetic and other variations in musk-oxen, with a systematic review of the musk-ox group, recent and extinct. [With bibliography.] New York Mem. Amer. Mus. Nat. Hist. (n. ser.) **1** 1913 (101-226 pls. xi-xviii ff. 1-45). [95.6031 *d e g kb*]. 9765

Allix v. Lecointre, G.

Altpeter, Otto. Beiträge zur Anatomie und Physiologie von *Alveolina*. N. Jahrb. Min. Stuttgart Beilagebd **36** 1913 (82-112 m. 2 Taf.). [0431.39]. 9766

Andrée, K. Weiteres über das carbonische Arthrostraken-Genus *Arthropleura* Jordan. Palaeontographica Stuttgart **60** 1913 (295-310 m. 1 Taf.). [55.2631]. 9767

Andrussoff, N. Studien über die Brackwassercardiden. Didaena (erste Hälfte) Lief. 2 St. Peterburg Mém. Ac. Sc. (ser. 8) **25** 8 1910 (1-84 mit 10 Taf.). [90.2231 *db*]. 9768

——— Ueber einige Neritinen aus neogenen Ablagerungen des pontocaspischen Gebietes. St. Peterburg Verh. mineral. Ges. (ser. 2) **49** 1912 (1-17 mit 2 Taf.). [90.2231 *db*]. 9769

——— Die fossilen Bryozoenriffe der Halbinseln Kertsch und Taman. Kiev Lief. i 1909 (48+6 Taf.); Lief. ii 1911 (49-88 mit 5 Taf.); Lief. iii 1912 (89-144 mit 3 Taf.). 35 cm. [39.2031 90.2231 *dbb dbd*]. 9770

Antonius, O[tto]. Equidenstudien. 1. Ueber das Aussehen des Tarpan. Wien Verh. ZoolBot. Ges. **53** 1913 (235-240). [95.6031 *d* 6031.95]. 9771

Arber, E. A. N. Notes on the fossil plants from Rhodesia collected by A. J. C. Molyneux, Esq. Bulawayo Proc. Rhod. Sc. Assoc. **12** 1913 (113). [38.6700 *fg*]. 9772

Arcangeli, Alceste. Sulla origine della vita. Pisa Proc. verb. Soc. tosc. Sc. nat. **20** 1911 (47-51). [0200]. 9773

Awerinzew, S. Zur Foraminiferen-Fauna des Sibirischen Eismeeres. Résultats scientifiques de l'Expédition Polaire Russe en 1900-1903 sous la direction du Baron E. Toll. Sect. E vol. 2 livr. 3 St. Peterburg Mém. Ac. Sc. (sér. 8) **29** 3 1911 (1-27 mit 1 Taf.). [95.0431 *ka*]. 9774

[**Bajarunas, M. V.**] Баярунась, М. В. Нижне-олигоценовыя отложения Мангышлака. [Unteroligozän-Ablagerungen des Mangyschlags.] St. Peterburg Verh. mineral. Ges. (ser. 2) **49** 1912 (19-68 mit 1 Taf.). [85.2231 *caac*]. 9775

Baker, Frank C[ollins]. Notes on post-glacial Mollusca. 1. Emmet county, Michigan. *Nautilus Boston* **27** 1913 (7-8); 2. Waukesha county, Wisconsin. *t.c.* (68). [95.2231 *gg*]. 9776

——— Interglacial mollusks from South Dakota. *Science New York* (n. ser.) **38** 1913 (858-859). [95.2231 *gi*]. 9777

Barton, Donald C. A new genus of the Cheiruridae, with descriptions of some new species. *Cambridge Mass. Bull. Mus. Comp. Zool. Harvard Coll.* **54** 1913 (545-556) 1 pl. [50.2831 *g*]. 9778

——— *v.* Raymond, P. E.

Bassani, Francesco. Sopra un Bericide del calcare miocenico di Lecce, di Rosignano-Piemonte, e di Malta (*Myripristis melitensis*, A. Smith Woodward, sp.). *Napoli Atti Acc. Sc. fis. mat.* (ser. 2) **15** 1911 (1-14 con 2 tav.). [90.5431 *dh*]. 9779

——— e **Galdieri, Agostino.** Scavo geologico eseguito a Capri. *Atti Soc. ital. Progr. Sc.* 4^a Riun. *Napoli dicembre* 1910; *Roma Soc. ital. Progr. Sc.* 1911 (671-676 con 3 fig.). [95.6031 *dh*]. 9780

Bassler, R[ay] S[mith]. Notes on an unusually fine slab of fossil crinoids. *Washington Smithsonian Inst. Proc. U.S. Nation. Mus.* **46** 1913 (57-59) pls. 1 2. [50.1031 *gi*]. 9781

Bassler, R[ay] S[mith] *v.* Ulrich, E. O.

Beal, Carl Hugh *v.* Jordan, D. S.

Benesch, Fr. v[on]. Ueber einen neuen Aufschluss im Tertiärbecken von Rein, Steiermark. *Wien Verh. Geol. RchsAnst.* **1913** (342-351). [80.2231 *dk*]. 9782

Berry, Edward W[ilber]. Some ancestors of the persimmon [*Diospyros* spp.]. *Plant World Tucson Ariz.* **15** 1912 (15-21 with ff.). [0150 39.5400]. 9783

——— Notes on the present status of paleobotany. *Plant World Tucson Ariz.* **15** 1912 (169-175). [0040]. 9784

——— Notes on the geological history of the walnuts and hickories. *Plant World Tucson Ariz.* **15** 1912 (225-240 with ff.). [0100 39.5400]. 9785

——— Contributions to the Mesozoic flora of the Atlantic coastal plain. 9. Alabama. *New York Bull. Torrey Bot. Cl.* **40** 1913 (567-574). [66.5000 *gh*]. 9786

——— Some paleontological results of the Swedish South Polar expedition

under Nordenskiöld. *Science New York* (n. ser.) **38** 1913 (656-661). [39.5000 *o*]. 9787

——— A fossil flower from the Eocene. *Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus.* **45** 1913 (261-263) pl. 21 f. 1. [85.5400 *gh*]. 9788

Bertrand, Paul. Nouvelles remarques sur la fronde des Zygoptéridées. *Autun Bul. soc. hist. nat.* **25** 1912 (1-38 av. 5 fig.). [50.6700 55.6700]. 9789

Bittner, Sándor. Bakonyi triasz-lamellibranchiatak. [Lamellibranchiaten aus dem Bakonyer Trias.] *In: „Resultate der wissenschaft. Forschung des Balatonses.“* I. Bd. I. Teil. *Paläont. Anh. II. Bd. Budapest* 1912 (1-98 9 Taf.). [65.2231 *dk*]. 9790

——— Bakonyi triasz-brachiopodák. [Die Brachiopoden des Trias in Bakony.] *In: „Resultate der wissenschaft. Forschung des Balatonses.“* I. Bd. I. Teil. *Paläont. Anh. II. Bd. Budapest* 1912 (1-58 5 Taf.). [65.2031]. 9791

Blackwelder, Eliot. New or little known Paleozoic faunas from Wyoming and Idaho. *Amer. J. Sci. New Haven Conn.* (ser. 4) **36** 1913 (174-179). [55.0231 2031 2231 *gi*]. 9792

Blasio, (De) Abele. Contributo allo studio della mammalogia fossile della Italia meridionale. *Napoli (s. ind. tipogr.)* 1911 (1-12). 23 cm. [90.6031 *dh*]. 9793

——— I primi tempi della Umanità in provincia di Avellino. *Napoli (s. ind. tip.)* 1911 (1-12). 23 cm. [90.6031 *dh*]. 9794

Bluntschli, H. Die fossilen Affen Patagoniens und der Ursprung der platyrrhinen Affen. *Anat. Anz. Jena* **44** 1913 *ErgH.* (33-43). [80.6031 *hi*]. 9795

Böhm, J. u. Weissermel, W. Über tertiäre Versteinerungen von den Bogenfelder Diamantfeldern. [*In: Beiträge zur geol. Erforschung der Deutschen Schutzgebiete. H. 5.*] Berlin (Geol. Landesanst.) 1913 (59-111 m. 7 Taf.). [80.0231 *fg*]. 9796

[**Bogoliubov, N.**] Боголюбовъ, Н. Объ остаткахъ мезозавровъ въ Оренбургской губернии. [Sur les restes de mosasauriens trouvés dans le gouvernement d'Orenbourg.] *Ann. géol. minér. Novo-Alexandria* **12** 1910 (8-13 rés. fr. 13-14 et 1 pl.). [75.5631 *dbc*]. 9797

——— Забѣтка о русской верхне-юрской фаунѣ плезіозавровъ.

[Note sur les plésiosaures du Jura supérieur de la Russie.] Ann. géol. minér. Novo-Alexandria **14** 1 1912 (1-4 rés. fr. 4-7). [70.5631 db]. 9798

Слѣды хищръ въ московскомъ портландѣ. [Les vestiges de Chimérides dans le Portlandien de Moscou.] Ann. géol. minér. Novo-Alexandria **14** 2 1912 (25-28 rés. fr. 28). [70.5431 dbc]. 9799

О предполагаемомъ звонкѣ динозавра изъ Оренбургской губерніи. [Sur une vertèbre présumée de Dinosaurien du gouv. d'Orenbourg.] Ann. géol. minér. Novo-Alexandria **14** 3 1912 (61-62 rés. fr. 62). [75.5631 dbc]. 9800

О нахожденіи *Elasmosaurus* и *Polycotylus* въ русскихъ отложенияхъ. [Sur la présence de l'*Elasmosaurus* et du *Polycotylus* dans les dépôts de la Russie.] Ann. géol. minér. Novo-Alexandria **14** 6 1912 (174-176). [75.5631 db]. 9801

Bonnema, J[an] H[aitzes]. De stand der schalen van *Beyrichia tuberculata* Klöden sp. [The orientation of the shells of *Beyrichia tuberculata* Klöden sp.] Amsterdam Versl. Wis. Nat. Afd. K. Akad. Wet. **22** [1913] (117-123 with 8 figs.) (Dutch); Amsterdam Proc. Sci. K. Akad. Wet. **16** [1913] (67-74 with 8 fig.) (English). [50.2631]. 9802

Bordage, Edmond. Sur une ammonite géante trouvée à Saint-Georges des Coteaux (Charente-Inférieure). Rev. de Saintonge et d'Aunis La Rochelle **1913** (12 av. fig.). [75.2231]. 9803

[**Borisjak**, A. A.] Борисякъ, А. А. Объ остаткахъ крокодила изъ верхне-мѣловыхъ отложений Крыма. [Sur les restes d'un crocodile de l'étage supérieur du crétacé de la Crimée.] St. Peterburg Bull. Ac. Sc. (sér. 6) **7** 1913 (555-558). [75.5631 dbb]. 9804

Boury, E. de. Description de *Scalida* nouveaux ou peu connus. J. conchyliol. Paris **60** 1912 (169-196 269-322 av. fig.). [39.2231]. 9805

Observations sur quelques espèces ou sous-genres de *Scalida*. J. conchyliol. Paris **61** 1913 (65-112 av. fig.). [39.2231]. 9806

Scalaria vivants et fossiles du Muséum de Paris. Nouv. Arch. Muséum Paris (sér. 5) **4** 1913 (209-266 av. fig.). [80.2231]. 9807

Branca, W[ilhelm]. Über das Verhältnis der Geographie zur Geologie-Paläontologie und die Frage einer Teilung der Geologie-Paläontologie. Berlin Zs. D. geol. Ges. Monatsber. **65** 1913 (620-629). [0000]. 9808

Hypothesen über die Herkunft des Lebens. D. Rev. Stuttgart **38** 1913 (199-211 332-341). [0200]. 9809

Henry Potonié †. Natw. Wochenschr. Jena **28** 1913 (753-754). [0010]. 9810

Breitenbach, W[ilhelm]. Die Stammesgeschichte der höheren Pflanzen. (Vortrag . . .) N. Weltanschauung Berlin **6** 1913 (91-109); (Humboldt-Bibliothek. H. 11.) Brackwede i. W. (W. Breitenbach) 1913 (77). 21 cm. 1,50 M. [39.5000 0200]. 9811

Brest, Eduardo. Alcune località fossilifere nei pressi di San Benedetto del Tronto. Milano-Pavia Atti Soc. ital. Sc. nat. **50** 1911 (95-98). [90.2231 dh]. 9812

Corallari fossili di Angarano presso Ascoli-piceno. Milano-Pavia Atti Soc. ital. Sc. nat. **50** 1911 (365-366). [90.0831 dh]. 9813

Broili, F[erdinand]. Unser Wissen über die ältesten Tetrapoden. Fortschr. natw. Forschg Berlin **8** 1913 (51-93). [39.5631]. 9814

Broom, R[obert]. A review of recent advances in South African vertebrate paleontology. Amer. J. Sci. New Haven Conn. (ser. 4) **35** 1913 (574-576). [55.5631 65.5631 fg]. 9815

On the structure of the mandible in the Stegocephalia. Anat. Anz. Jena **42** 1913 (73-78). [39.5631]. 9816

On some fossil fishes from the Diamond-bearing Pipes of Kimberley. Cape Town Trans. R. Soc. S. Afr. **3** 1913 (399-402 pls. xx-xxii). [55.5431 fg]. 9817

Note on *Equus capensis* Broom. New York Bull. Amer. Mus. Nat. Hist. **32** 1913 (437-439 fig. 1). [95.6031 fg]. 9818

On some new carnivorous therapsids. New York Bull. Amer. Mus. Nat. Hist. **32** 1913 (557-561 figs. 1-4). [38.5631 fg]. 9819

Brown, Amos P[earlee]. Notes on the geology of the island of Antigua. Philadelphia Proc. Acad. Nat. Sci. **65** 1913 (584-616 pls. xviii-xx). [80.0231 95.0231 85.2231 95.2231 hc]. 9820

Brown, Amos P[ee]slee] and Pilsbry, Henry A. Two collections of Pleistocene fossils from the Isthmus of Panama. Philadelphia Proc. Acad. Nat. Sci. **65** 1913 (493-500 figs. 1-3). [95.2231 *hb*]. 9821

Brown, Barnum. A crested dinosaur from the Edmonton Cretaceous. New York Bull. Amer. Mus. Nat. Hist. **31** 1912 (131-136 pls. x xi figs. 1-4). [5631 *gc*]. 9822

———— The manus of trachodont dinosaurs. Science New York (n. ser.) **38** 1913 (926-927). [39.5631]. 9823

Brunati, Roberto. Il genere *Belo-sepiella* De Alessandri. Milano-Pavia Atti Soc. ital. Sc. nat. **50** 1911 (30-36 tav. 1^a). [85.2231 *df*]. 9824

Burling, Lancaster D. The nomenclature of types. Washington D.C. J. Acad. Sci. **2** 1912 (519-520). [0070]. 9825

Calvert, Philip P[ow]ell. The fossil odonate *Phenacolestes*, with a discussion of the venation of the legion *Podagrion selys*. [With bibliography.] Philadelphia Proc. Acad. Nat. Sci. **65** 1913 (225-272 pl. xiv). [Neuroptera.] [80.2431]. 9826

Calvin, Samuel. Adequacy of the paleontologic record. Pop. Sci. Mon. New York **76** 1910 (582-586). [0030]. 9827

Campana (Del), Domenico. Resti di Ofidio (*Zamenis viridiflavus* Lacey.) nel quaternario di Montetignoso. Roma Boll. Soc. Geol. ital. **30** 1911 (838-842 tav. 24^a). [95.5631 *dh*]. 9828

Canu, F. Les Bryozoaires fossiles des terrains du sud-ouest de la France. Paris Bul. soc. géol. (sér. 4) **12** 1913 (623-630 av. fig.). [85.2031 *df*]. 9829

Cerulli-Irelli, Serafino. Fauna Malacologica Mariana. Parte quinta: Gastropoda: Cancellariidæ, Marginellidæ, Mitridæ, Fusidæ, Chrysodomidæ, Buccinidæ, Nassidæ, Columbellidæ, Muricidæ, Tritonidæ, Cassididæ, Cypræidæ, Chænopidæ. Pisa Paleont. italica **17** 1911 (229-275 tav. 21-26; a parte: 279-326 tav. 38-43). [90.2231 *dh*]. 9830

Chapman, Frederick. New or little-known Victorian fossils in the National Museum. Melbourne Proc. R. Soc. Vict. n.s. **20** 1908 (208-221 pls. xvii-xix). [80.0631 .0831 .1031 *if*]. 9831

———— Notes on a collection of Silurian fossils from the Whittlesea district [Victoria] made by Mr. J. T. Jutson.

Melbourne Proc. R. Soc. Vict. n.s. **21** 1908 (217-225 pls. iv-v). [50.0231 *if*]. 9832

Chapman, Frederick. Preliminary notes on a collection of Trilobite remains from the Dolodrook River, N. Gippsland [Victoria]. Melbourne Proc. R. Soc. Vict. n.s. **21** 1908 (268-269). [50.2831 *if*]. 9833

———— New or little-known Victorian fossils in the National Museum. Part xvi. Some Silurian Brachiopoda. Melbourne Proc. R. Soc. Vict. n.s. **26** 1913 (99-113 pls. x-xi). [50.2031 *if*]. 9834

———— Description of new and rare fossils obtained by deep boring in the Mallee [Victoria]. Part i: Plantæ; and Rhizopoda to Brachiopoda. Melbourne Proc. R. Soc. Vict. n.s. **26** 1913 (165-191 pls. xvi-xix). [80.7700 .0231 *if*]. 9835

———— Victorian fossiliferous limestones and their correlatives in other lands. Vict. Nat. Melbourne **30** 1913 (139-141). [39.0231 *if*]. 9836

———— Note on the occurrence of the Cainozoic shark, *Carcharoides*, in Victoria. Vict. Nat. Melbourne **30** 1913 (142-143 fig.). [85.5431 *if*]. 9837

Checchia-Rispoli, Giuseppe. Sull'Oligocene dei dintorni di Campo-fiorito in provincia di Palermo. Palermo Giorn. Sc. nat. econ. **28** 1911 (281-300 con 1 tav.). [85.0150 .0431 *dh*]. 9838

———— Sul miocene medio di alcune regioni delle provincie di Palermo e di Girgenti. Palermo Giorn. Sc. nat. econ. **28** 1911 (305-315). [90.0150 *dh*]. 9839

———— Sul miocene di alcune regioni della Sicilia occidentale. Atti Soc. ital. progr. Sc. 4^a Riun. dicembre 1910 in Napoli. Roma (Soc. ital. progr. Sc.) 1911 (782-784). [90.0231 *dh*]. 9840

[**Chomenko, J.**] Хоменко, П. *Camelus bessarabiensis* и другія ископаемая формы южной Бессарабиі. [*Camelus bessarabiensis* und andere fossile Formen Süd-Bessarabiens.] Kišinev Trav. Soc. nat. **3** 1911-1912 (1912) (92-108 deutsch. Uebers. 109-127 und 1 Taf.). [39.6031 *dbb*]. 9841

———— *Mastodon arvernensis* Croiz. et Job. nova var. *progressor* изъ верхне-плиоценовыхъ песковъ Ю. Бессарабиі. [Le *Mastodon arvernensis* Croiz. et Job. nova var. *progressor* des sables du Pliocène supérieur dans la Sud-Bessarabie.] Ann. géol. minér. Novo-Alexandria **14** 6 1912 (159-165 rés. fr. 165-166 et 1 pl.). [90.6031 *dbb*]. 9842

[Čirvinskij, P. N.] Чирвинский, П. Н. Геологическое строение правобережной полосы по р. Сейму вь предѣлахъ Курской губернии. II. [Der geologische Bau der Gegend des rechten Ufers des Flusses Sseim innerhalb des Gouvernement Kursk. II.] Kiev Mém. Soc. nat. **23** 1 1913 (1-132 deutsch. Rés. 133-141 und 3 Taf.). [39.0231 *dbc*]. 9843

Clark, Austin H[obart]. Cambrian holothurians. Amer. Nat. New York **47** 1913 (488-507). [50.1031]. 9844

Clarke, John M[ason]. [Review of] Cambrian Brachiopoda. By Charles D. Walcott. Science New York (n. ser.) **37** 1913 (488-491). [50.2031]. 9845

— and Swartz, C[harles] K[ephart]. Coelenterata [of the Upper Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (539-543 pls. xlv-xlvi); Echinodermata. *t.c.* (543-544); Vermes. *t.c.* (544-546 pl. xlvi ff. 5 6); Brachiopoda. *t.c.* (546-605 pls. xlvii-lix); Mollusca. *t.c.* (606-699 pls. lxx-lxxii); Trilobita. *t.c.* (699 pl. lxxii f. 8). [55.0831 1031 1831 2031 2231 2831 *gh*]. 9846

Cockerell, T[heodore] D[ru] A[lison]. Ordovician (?) fish remains in Colorado. Amer. Nat. New York **47** 1913 (246-247). [50.5431 *gi*]. 9847

— The genera *Parotermes* and *Hodotermes*. Ent. News Philadelphia **24** 1913 (6-8). [90.3831 *gi*]. 9848

— The first fossil anthomyid fly from Florissant. Ent. News Philadelphia **24** 1913 (295-296). [90.2431 *gi*]. 9849

— The genus *Phryganca* (Trichoptera) in the Florissant shales. Psyche Boston **20** 1913 (95-96). [90.2431 *gi*]. 9849A

— Fossil flowers and fruits. 3. *Torreya* New York **13** 1913 75-77 with figs.). [90.5400 90.6000 *gi*]. 9850

— Remarks on fossil insects. [Author's abstract.] Washington D.C. Proc. Ent Soc. **15** 1913 (123-126). [39.2431]. 9851

— Some fossil insects from Florissant, Colorado. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **44** 1913 (341-346 pl. 56 ff. 1-3). [90.2431 *gi*]. 9852

— Two fossil insects from Florissant, Colorado, with a discussion of

the venation of the Aeshnine dragon-flies. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **45** 1913 (577-583 ff. 1-3). [90.2431 *gi*]. 9853

Cockerell, T[heodore] D[ru] A[lison] and Henderon, Junius. Mollusca from the Tertiary strata of the West. New York Bul. Amer. Mus. Nat. Hist. **31** 1912 (229-233 pls. xxi xxii). [80.2231 *gi*]. 9854

Condit, D. Dale. Conemaugh formation in Ohio. [With chapter on fossils by Clara Gould Mark.] Ohio Geol. Surv. ser. 4 Bul. Columbus 1912 (i-x 1-363 with pls. ff. maps tables). [55.0231 *gg*]. 9855

Cossmann, M. Étude comparative des fossiles recueillis à la Martinique et à l'isthme de Panama. J. conchyliol. Paris **61** 1913 (1-64 av. fig.). [90.2231 *hhhc*]. 9856

— Rectification de nomenclature. Rev. critique paléozool. Paris **17** 1913 (61-64 193-194). [39.2231]. 9857

Craveri, Michele. Avanzi fossili animali e vegetali di Civezzano-alle-fornaci nel Trentino. Roma Boll. Soc. geol. ital. **30** 1911 (877-894). [95.0231 5000 *dh*]. 9858

— Determinazioni dei fossili italiani, francesi, svizzeri ed americani del Museo Galletti in Domodossola. Parte 1^a: Invertebrati. Domodossola Illustrazione Ossolana 1911 (Tip. Ossolana) (estr. num. 7-8-9: 1-14). 28 cm. [39.0231]. 9859

[Cytovič, K. A.] Цытовичъ, К. А. О некоторыхъ келловейскихъ аммонитахъ Крыма и Мангышлака. [Sur quelques ammonites collées de la Crimée et du Mangyschlak.] Ann. géol. minér. Novo-Alexandria **14** 7-8 1912 (189-194 rés. fr. 195-199 et 1 pl.). [70.2231 *dbb eac*]. 9860

Dainelli, Giotto. Introduzione alle studio del Cretaceo friulano. Parte seconda. Pisa Mem. Soc. tosc. Sc. nat. **27** 1911 (17-52 con 2 tab.). [75.0150 *dh*]. 9861

Dall, William Healey. On a brackish-water Pliocene fauna of the southern coastal plain. Washington Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (225-237 pls. 20-22). [90-2231 *gi*]. 9862

Dareste de la Chavanne, J. Monographie paléontologique d'une faune de l'Infralias du Nivernais méridional. Paris Bul. soc. géol. (sér. 4) **12** 1913 (550-604 av. fig.). [70.2231 *df*]. 9863

- Davis, Charles H.** New species from the Santa Lucia Mountains, California, with a discussion of the Jurassic age of the slates at Slate's springs. *J. Geol. Chicago* **21** 1913 (452-458 ff. 1-7). [70.2231 *gi*]. 9864
- Deecke, W.** Paläontologische Betrachtungen. III. Über Echinoiden. *Centralbl. Min. Stuttgart* **1913** (498-507 526-534); IV. Über Fische. *N. Jahrb. Min. Stuttgart* **1913** II (69-92); V. Über Korallen. *t.c.* ii. (183-193). [39.0831 1031 5431]. 9865
- Delage, A.** Empreintes de pieds de grands quadrupèdes dans le Permien inférieur de l'Herault. *Montpellier Mém. acad. sci. let. (sér. 2)* **4** 1912 (221-267 av. fig. et 9 pl.). [55.5631 *df*]. 9866
- Depape, G.** Sur la présence du *Ginkgo biloba* L. (*Salisburya adiantifolia* Sm.), dans le pliocène inférieur de Saint-Marcel d'Ardèche. *Paris C. R. Acad. sci.* **157** 1913 (957-958). [95.6500 *d*]. 9867
- Depéret, Charles.** The Oligocene of the Roanne basin and its vertebrate fauna. [Preliminary notice. Translated by C. R. Eastman. With bibliography.] *Amer. J. Sci. New Haven Conn.* (ser. 4) **35** 1913 (350-352). [85.6031 *df*]. 9868
- et **Mazeran, Pierre.** Les *Estheria* du Permien d'Autun. *Autun Bul. soc. hist. nat.* **25** 1912 (165-174). [55.2231 *df*]. 9869
- Deprat, J.** Étude des Fusulinidés de Chine et d'Indo-Chine et classification des calcaires à Fusulines. *Mémoires du service géologique de l'Indo-Chine, Hanoï-Haiphong* **1** 1912 (fasc. 3 77 av. fig.). [55.0431 *eb ed*]. 9870
- et **Mansuy, H.** Étude géologique du Yun-nan oriental. II^e Partie: Paléontologie par Mansuy. *Mémoires du Service géologique de l'Indo-Chine, Hanoï-Haiphong* **1** 1912 fasc. 2 (1-147 av. 25 pl.); III^e Partie: Étude des Fusulinidés de Chine et d'Indo-Chine et classification des calcaires: Fusulines par J. Deprat. *t.c.* fasc. 3 (1-77 av. 9 pl.). [39.0231 *eb* 55.2200 *eb ed*]. 9871
- Dervieux, Ermanno.** Revisione delle lagene terziarie piemontesi. *Roma Boll. Soc. geol. ital.* **30** 1911 (674-676). [80.0431 *dh*]. 9872
- De Vis, C. W.** Extinct lizard. *Ann. Queensland Mus. Brisbane* **5** 1908 (6). [39.5631]. 9873
- *Bones of Thylacoleo.* *Ann. Queensland Mus. Brisbane* **5** 1908 (7-11). [39.6031]. 9874
- De Vis, C. W.** Extinct avifauna of Australia. *Ann. Queensland Mus. Brisbane No. 6* 1908 (3-25). [39.5831]. 9875
- *Fossil Vertebrates from New Guinea.* *Ann. Queensland Mus. Brisbane* **6** 1908 (26-35). [39.5231]. 9876
- *Fossils from Gulf Watershed.* *Ann. Queensland Mus. Brisbane* **7** 1908 (3-8 1 pl.). [39.0231 39.5000]. 9877
- Dickerson, Roy E.** Fauna of the Eocene at Marysville buttes, California. *Berkeley Univ. Cal. Pub. Bull. Dept. Geol.* **7** 1913 (257-298 pls. 11-14). [85.0231 *gi* 85.2231 *gi* 85.0831]. 9878
- Diener, C[arl].** Der Einfluss des prähistorischen Menschen auf die Umprägung der diluvialen Tierwelt. *Himmel u. Erde Leipzig* **25** 1913 (462-466). [0200]. 9879
- *Triassic faunæ of Kashmir.* *Pal. Ind. Calcutta (n.s.)* **5** No. 1 1913 (1-133 with 13 pls.). [2231.65 2031.65]. 9880
- Doncieux, L.** Revision de la faune lacustre de l'Éocène moyen des Corbières septentrionales. *Carcassonne Bul. soc. étud. sci.* **23** 1912 (23-50 av. fig.). [85.2231 *df*]. 9881
- Doss, Bruno.** Ein subfossiler Schädel von *Cervus alveo*. *Riga Korr.-blt. Naturf. Ver.* **56** 9213 (68). [95.6031 *dbc*]. 9882
- Dreger, J[ulius].** Direktor Ernst Kittl†. *Wien Verh. Geol. Rchs.Anst* **1913** (221-224). [0010]. 9883
- *Ein Fund von Mammutresten bei Taufkirchen unweit Schärding in Oberösterreich.* *Wien Ver. Geol. Rchs-Anst.* **1913** (378). [95.6031 *dk*]. 9884
- Dreverman, F[ritz].** *Sinopa rapax* Leidy. *Frankfurt a. M. Ber. Senckenb. Ges.* **44** 1913 (198-202). [85.6031 *gi*]. 9885
- *Friedrich Kinkelin, gest. 13. Aug. 1913 zu Frankfurt a. M.* *Frankfurt a. M. Ber. Senckenb. Ges.* **44** 1913 (269-277). [0010]. 9886
- u. **Hilzheimer, Max.** Die Knochenfunde der Steinauer Höhle. *Frankfurt a. M. Abh. Senckenb. Ges.* **31** 1913 (483-523 m. 4 Taf.). [95.6031 *dc*]. 9887
- Dun, W. S.** Notes on marine fossils from the tasmanite spore beds of the Mersey River. *Tasmania Dept. Mines Rec. Geol. Surv. Hobart* **1** 1913 (1-9 pls. i-ii). [55.0231 *ii* 1031 2231]. 9888

Durand, J. Sur des coquilles fossiles en inclusion dans les cristaux de gypse limpide de l'Oligocène de Narbonne. Paris C. R. Acad. sci. **156** 1913 (1841-1842). [85.2231 *df*]. 9889

[**Dylevskaia, A. N.**] Дылевская, А. Н. *Ostrea varilamella* изъ нижнетретичныхъ отложений Мангышлака. [*Ostrea varilamella* de l'éocène inférieure de Manguichlak.] Kiev Mém. Ist. nat. **23** 1 1913 (143-156 rés. fr. 157-159 et 1 pl.). [85.2231 *ea*c]. 9890

Eastman, C[harles] R[ochester]. Brain structures of fossil fishes from the Caney shales. [Abstract.] Washington Bull. Geol. Soc. Amer. **24** 1913 (119-120). [55.5431 *gh*t]. 9891

Éhik, Gyula. A brassói preglaciális fauna. [Die präglaziale Fauna von Brassó.] Földt. Közl. Budapest **43** 1913 (23-36 136-150). [95.6031 95.5631 95.2231 95.3431 *dk*]. 9892

Erasmo (D'), Geremia. Sopra alcuni avanzi di pesci cretacei della provincia di Lecce. Napoli Atti (Memorie) Acc. Sc. fis. mat. (ser. 2) **15** 1911 (Mem. 5^a: 1-8 con 1 tav.). [75.5431 *dh*]. 9893

——— Risultati ottenuti dallo studio di alcuni Actinopterigi del Calcarea cretaceo di Pietraraja in provincia di Benevento. Atti Soc. ital. Progr. Sc. 4^a riun. dicembre 1910. Roma (Soc. ital. progr. Sc.) 1911 (797-800). [75.5431 *dh*]. 9894

Etheridge, R., jun. Additional notes on the palaeontology of Queensland. Part 2. Queensland Geol. Surv. Brisbane Bull. No. 13 Pub. No. **158** 1901 (1-37 4 pls.). [39.0231 39.5000]. 9895

——— On the occurrence of the genus *Halysites* in the Palaeozoic rocks of Queensland and its geological significance. Queensland Geol. Surv. Brisbane **190** 1904 (30-32). [45.2231]. 9896

Fabiani, Ramiro. Fauna dei calcari grigi della valle del Chiampo (Vicenza). Venezia Atti Istit. ven. Sc. lett. **70** (ser. 8 **13**) 1911 (1445-1470 con 9 fig.). [70.2231 *dh* 70.2031 *dh*]. 9897

——— La sezione di storia naturale del Museo civico di Vicenza. Vicenza Boll. Mus. Civ. di Vicenza **1** 1911 (1-2). 24 cm. [0060 *dh*]. 9898

——— Di una nuova specie di *Phlyctenodes* (*Phlyctenodes Dalpinzi*) dell'Oligocene dei Berici. Vicenza Boll. Museo Civico Vicenza **2** 1911 fasc. 3-4 (1-6 con 1 tav.). 24 cm. [85.2631 *dh*]. 9899

Fayre, François. Contribution à l'étude des *Opelia* du Jurassique moyen. Basel Abh. Schweiz. palaeont. Ges. **38** 1912 (pp 34 figs. 1 Taf.). [70.2231]. 9900

Felix, J[ohannes]. Vergleichende Bemerkungen zu den Mammutskeletten von Steinheim a. d. Murr (in Stuttgart) und von Borna (in Leipzig). Leipzig SitzBer. natf. Ges. **39** (1912) 1913 (1-18). [95.6031 *dc*]. 9901

——— Über ein cretaceisches Geschiebe mit *Rhizocorallium Gläseli* n.sp. aus dem Diluvium bei Leipzig. Leipzig SitzBer. natf. Ges. **39** (1912) 1913 (19-26 m. 1 Taf.). [75.0631 *dc*]. 9902

——— Die Korallen der Kreideformation von Palästina und Syrien. (Beitr. zur Paläont. u. Geol. v. Palästina u. Syrien. Hrsg. v. M. Blanckenhorn.) N. Jahrb. Min. Stuttgart **1913** ii (93-116 m. 1 Taf.). [75.0831 *ei*]. 9903

——— Die fossilen Anthozoen aus der Umgebung von Triunl. Palaeontographica Stuttgart **60** 1913 (311-371 m. 4 Taf.). [90.0831 *eg*]. 9904

Ferronnière, G. *Hipparion gracile* de Christ à Martigné-Briand (Maine-et-Loire). Nantes Bul. soc. sci. nat. **22** 1913 (133-136 av. fig.). [90.6031 *df*]. 9905

——— *L'Elephas meridionalis* de Chantonay (Vendée). Nantes Bul. soc. sci. nat. **22** 1913 (149-150 av. fig.). [95.6031 *df*]. 9906

Fischer, J. Die Versammlungen Deutscher Naturforscher und Aerzte in Wien. Wien Wr. Klin. Wochschr. Wien **26** 1913 (1522-1526). [0020]. 9907

Förster, F. Über eine diluviale subarktische Steppenfauna aus den Sandhügeln von Mauer. [Darin: Beitr. z. Stratigr. u. Paläont. der diluv. Neckarsande.] Karlsruhe Verh. natw. Ver. **25** (1911-12) 1913 (137-163). [95.6031 *dc*]. 9908

Fornasini, Carlo. Sulla nomenclatura di una *Cristelluria pliocenica*. Riv. ital. Paleont. Catania **17** 1911 (78-80). [90.0431]. 9909

Fraas, E[berhard]. Die neuesten Dinosaurierfunde in der schwäbischen Trias. Natw. Berlin **1** 1913 (1097-1100). [65.5631 *dc*]. 9910

——— Neue Labyrinthodonten au der schwäbischen Trias. Palaeontographica Stuttgart **60** 1913 (275-294 m. 7 Taf.). [65.5631 *dc*]. 9911

Franke, A. Die Foraminiferen der Kreideformation des Münsterschen Beckens. Bonn Verh. nat. hist. Ver. **69** (1912) 1913 (255–285 m. 1 Taf.). [75.0431 *dc*]. 9912

Frech, Frigyes. Új kagylók és brachiopodák a bakonyi triaszból. [Neue Lamellibranchiaten und Brachiopoden aus dem Bakonyer Trias.] In „Resultate der wissenschaftl. Forschung des Balatonsees“. I. Bd. I. Teil. Paläont. Anh. II. Bd. Budapest 1912 (1–128 140 Textfig.). [65.2031 65.2231 *dk*]. 9913

[Frederichs, Georg.] Фредериксъ, Г. Забѣтка о нѣкоторыхъ верхнепалеозойскихъ окаменѣлостяхъ изъ окрестностей города Красноуфимска. [Bemerkung über einige oberpaleozoische Fossilien von Krasnoufinsk.] Kazan' Prot. Obšč. jest. **43** 1911–1912 (1912) Beilage No. 269 (1–8 deutsch. Rés. 9 und 1 Taf.). [55.2031 5431 *db*]. 9914

Freudenberg, W. *Elephas primigenius Fraasi* Dietrich und die schwäbische Hochterrasse. Centralbl. Min. Stuttgart **1913** (475–480 646–652). [95.6031 *dc*]. 9915

Fritel, P. H. Vue d'ensemble sur la flore thanétienne. Paris C. R. cong. soc. sav. **1912** (139–143). [85.5000 *df*]. 9916

Fucini, Alberto. Fossili nuovi o interessanti del Batoniano del Sarcidano di Laconi in Sardegna. Pisa Mem. Soc. tosc. Sc. nat. **27** 1911 (93–108 con 1 tav.). [70.0231 *dh*]. 9917

— Alcune interessanti Ammoniti di Pioraco nello Appennino centrale. Riv. ital. Paleont. Catania **17** 1911 (45–50 tav. 3^a). [70.2231 *dh*]. 9918

— Lo Schiarnuziano superiore nella valle di Fiastrone presso Bolognola. Roma Boll. Soc. Geol. ital. **30** 1911 (843–848 con 1 fig.). [70.2231 *dh*]. 9919

Galdieri, Agostino v. Bassani, F.

Gass, J. Découverte d'un Mammouth à Vendenheim en 1800. Anz. els. Altertumsk. Strassburg **5** 1913 (381–382). [0010]. 9920

Gemmellaro, Mariano. Sui fossili degli strati a *Terebratula Aspasia* della contrada Rocche-rosse presso Galati (Messina). Cefalopodi (fine), Gastropodi. Giorn. Sc. nat. econ. Palermo **28** 1910 (203–246 tav. 8^a–10^a). [70.2231 *dh*]. 9921

Genèveaux, M. Sur une curieuse anomalie dans la dentition du *Rhinoceros leptorhinus* Cuvier des sables pliocènes de

Montpellier. Nîmes Bul. soc. sci. nat. **39** 1911 (64–66 av. fig.). [90.6031 *df*]. 9922

Geyer, David. Über die in Niederschwaben während des Quartärs erloschenen Mollusken. Stuttgart Jahresber. oberrhein. geol. Ver. N.F. **3** 1913 (32–54). [2231 *dc*]. 9923

Geyer, Georg. Zur Erinnerung an Friedrich Teller. Wien Jahrb. Geol. RechsAnst. **63** 1913 (193–206 mit Porträt). [0010]. 9924

— Ueber den geologischen Bau der Warscheneckgruppe im Toten Gebirge. Wien Verh. Geol. RechsAnst. **1913** (267–309). [60.2231 *dk* 2231.60]. 9925

Gidley, James Williams. Notice of the occurrence of a Pleistocene camel north of the Arctic Circle. Washington D.C. Smithsonian Inst. Misc. Collect. **60** No. 26 (Pub. 2173) 1913 (1–2). [95.6831]. 9926

— An extinct American eland. Washington D.C. Smithsonian Inst. Misc. Collect. **60** No. 27 (Pub. 2174) 1913 (1–3) pl. i. [95.6031 *gh*]. 9927

— A recently mounted *Zeuglodon* skeleton in the United States National Museum. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **44** 1913 (649–654) pls. 81 82 ff. 1–3. [85.6031]. 9928

— Preliminary report on a recently discovered Pleistocene cave deposit near Cumberland, Maryland. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (93–102) ff. 1–8. [95.6031 *gh*]. 9929

— Some new American Pycnodont fishes. Washington Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (445–449) ff. 1–6. [75.5431 *gi*]. 9930

Giffen, A[ibert] E[gg]es van. Iets over de terpen en den terphond. [Etwas über die Wurte und den Wurtenhund.] Handl. Ned. Nat. Geneesk. Congres **14** 1913 (468–481). [95.6031 *da*]. 9931

Gilmore, Charles W[hitney]. A new dinosaur from the Lance formation of Wyoming. Washington Smithsonian Inst. Misc. Collect. **61** No. 5 (Pub. 2184) 1913 (1–5 ff. 1–5). [75.5631 *gi*]. 9932

Girty, George H[erbert]. Geologic age of the Bedford shale of Ohio. New York Ann. Acad. Sci. **22** 1912 (295–319). [0150]. 9933

— A report on Upper Paleozoic fossils collected in China in 1903–04.

Washington D.C. Carnegie Inst. Pub. No. 54 (Research in China 3) 1913 (295-334) pls. 27-29. [55.0231 .0431 .0831 .1031 .2031 .2831 .2631 .2231 *eb*]. 9934

Giuffrida-Ruggeri, Vincenzo. L'uomo primordiale come tipo indifferenziato; a proposito di *H. philippinensis* (Beau.). Arch. Antrop. etnol. Firenze 41 1911 (1-24 con fig.). [80.6031]. 9935

————— Per una sistemazione del tipo di Cro-Magnon e una rara anomalia. Arch. Antrop. etnol. Firenze 41 1911 (155-168). [95.6031 *df*]. 9936

————— Il supposto centro antropogenico Sud-Americano. Monit. Zool. ital. Firenze 22 1911 (269-286). [80.0050 *hi*]. 9937

————— L'uomo mousteriano e l'ipotesi panantropoide. Riv. d'Italia Roma 14 1911 (242-251 con 3 fig.). [90.6031 *dh*]. 9938

Gortani, Michele. Sopra la fauna mesodevonica di Monumenz in Carnia. Bologna Rend. Acc. Sc. 1910-1911 (1-8). [55.0231 *dh*]. 9939

————— Contribuzioni allo studio del Paleozoico carnico. 4^o. La fauna mesodevonica di Monumenz. Palæontographia italica Pisa 17 1911 (141-288 con tav. 16-18). [55.0231 *dh*]. 9940

————— Rinvenimento di filliti neo-carbonifere al Piano di Lanza (Alpi Carniche). Roma Boll. Soc. Geol. ital. 30 1911 (909-912 con sez.). [55.5000 .6700 *dh*]. 9941

Gothan, W[alther]. Einige bemerkenswerte neuere Funde von Steinkohlenpflanzen in der Dortmunder Gegend. Bonn Verh. nathist. Ver. 69 (1912) 1913 (239-253 m. 3 Taf.). [55.6700 *de*]. 9942

————— Die Oberschlesische Steinkohlenflora. Tl 1. Farne und pflanzliche Gewächse (Cycadofilices bezw. Pteridospermen). Berlin Abh. geol. Landesanst. (n. F.) 75 1913 (279 m. 1 Tab. u. 53 Taf.). [55.6700 *de* .6600 *de*]. 9943

————— H. Potonié. Berlin Ber. D. bot. Ges. 31 (1913) 1914 Generalvers. H. ((127)-(136)). [0010]. 9944

Gratacap, I[ouis] P[ope]. An unusual specimen of *Mytilus middendorffii*, Grewingk, from Alaska. New York Bull. Amer. Mus. Nat. Hist. 31 1912 (69-70 pl. vii). [90.2231 *ga*]. 9945

Green, Wyman R. A description of the specimens of the teleostean genus *Enchodus* in the University of Kansas

museum. [With bibliography.] Lawrence Kans. Univ. Sci. Bull. 7 1913 (69-107 pls. i-xvii). [75.5431]. 9946

Greene, F. C. The development of a Carboniferous Brachiopod, *Chonetes granulifer*, Owen. J. Geol. Chicago 16 1908 (654-663 pls. i-iv). [45.2031]. 9947

Gregory, William K[ing]. Relationship of the Tupaiidæ and of Eocene Lemurs, especially *Notharctus*. Washington Bull. Geol. Soc. Amer. 24 1913 (247-252). [85.6031]. 9948

————— Crossopterygian ancestry of the Amphibia. Science New York (n. ser.) 37 1913 (806-808). [0200]. 9949

Gross, R[udolf]. Die Entstehung des Warnowtals von Eickhof bis Rostock. Diss. Rostock (Druck v. Adlers Erben) 1913 (32 m. 3 Taf.). 29 cm. [95.2231 *de*]. 9950

Groth, J. Sur quelques Trilobites du Dévonien en Bolivie. Paris Bul. soc. biol. (sér. 4) 12 1913 (605-608 av. fig.). [50.2831 *hg*]. 9951

Haas, Otto. Die Fauna des mittleren Lias von Ballino in Südtirol. II. Teil. Wien Beitr. Pal. Geol. OestUng. 26 1913 (1-161 mit 7 Taf.). [70.2231 *dk* 2231.70]. 9952

Hall, T. S. Victorian Graptolites. Rep. Aus. Ass. Ad. Sc. Brisbane 1908 (318-319). [39.0831 *if*]. 9953

Hammer, W[ilhelm]. Friedrich Teller. Wien Mitt. Geol. Ges. 6 1913 (168-171). [0010]. 9954

Handlinsch, Anton. Beiträge zur exakten Biologie. Wien SitzBer. Ak. Wiss. 122 Abt. i 1913 (361-481). [0100]. 9955

Hanna, G. Dallas and **Johnston**, Edward C. A Pleistocene molluscan fauna from Phillips County, Kansas. Lawrence Kans. Univ. Sci. Bull. 7 1913 (109-121 pl. xviii). [95.2231 *gi*]. 9956

Hart, T[homas] S[tephen]. The Graptolite beds at Daylesford [Victoria]. Melbourne Proc. R. Soc. Vict. n.s. 21 1908 (270-284 pl. xii). [50.0831 *if*]. 9957

Haseman, J. D. The relationship of the genus *Priscaecava*. [With bibliography.] New York Bull. Amer. Mus. Nat. Hist. 31 1912 (97-101). [85.5431 *gi*]. 9958

Hay, Oliver P[erry]. Descriptions of two new species of ruminants from the Pleistocene of Iowa. Washington D.C.

Proc. Biol. Soc. **26** 1913 (5-7 f. 1).
[95.6031 *gi* .6031]. 9959

Hay, Oliver P[erry]. Description of the skull of an extinct horse, found in central Alaska. Washington D.C. Smithsonian Inst. Misc. Collect. **61** No. 2 (Pub. 2181) 1913 (1-18 pls. 1 2 ff. 1-8). [95.6031 *ga*]. 9960

Notes on some fossil horses, with descriptions of four new species. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **44** 1913 (569-594 pls. 69-73 ff. 1-28). [95.6031 *gf*]. 9961

The extinct bisons of North America, with description of one new species, *Bison regius*. Washington Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (161-200) pls. 8-19 ff. 1-10. [95.6031 *g*]. 9962

Camels of the fossil genus *Camelops*. Washington Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (267-277 pls. 25, 26). [95.6031 *g*]. 9963

Haynes, Winthrop P. Discovery of bivalve Crustacea in the Coal-measures near Pawtucket, R.I. Science New York (n. ser.) **37** 1913 (191-192 with ff.). [55.2631]. 9964

Hedley, Charles. The paleogeographical relations of Antarctica. [Reprinted from London Proc. Linn. Soc. session 124 1911-12.] Washington Smithsonian Inst. Rep. **1912** 1913 (443-453). [0100 *o* 0150 *o*]. 9965

Heinrich, A. Untersuchungen über die Mikrofauna des Hallstätter Kalkes. Wien Verh. Geol. RchsAnst. **1913** (225-234). [65.0431 *dk* 0431.65]. 9966

Henderson, Junius v. Cockerell, T. D. A.

Hennig, Edw. Über neuere Funde fossiler Fische aus Aequatorial- und Südafrika und ihre palaeogeographische Bedeutung. Berlin SitzBer. Ges. natf. Freunde **1913** (305-318). [39.5431 *f*]. 9967

Aptychen von den Cap Verdeschen Inseln. Berlin Zs. D. geol. Ges. **65** 1913 Abh. (151-158 m. 1 Taf.). [70.2231 *lb*]. 9968

Ueber pathologische und verwandte Erscheinungen bei fossilen Tieren. Berliner klin. Wochenschr. **50** 1913 (1664-1668). [39.0231]. 9969

Über die notwendige Organisation des paläontologischen Sammelns. Natw. Berlin **1** 1913 (721-724). [0060]. 9970

Henning, Carl L. Die Brachiopoden des Kambriums von Nordamerika. Natw. Berlin **1** 1913 (1202-1205). [50.2031 *g*]. 9971

Hernandez-Pacheco, E. Mammifères miocènes de Palencia dans la Meseta espagnole. Paris C. R. Acad. sci. **156** 1913 (1868-1870). [90.6031 *dg*]. 9972

Hilzheimer, Max v. Drevermann, F.

Hoernes, R[udolf]. Die Bedeutung der Palaeontologie für die Erdgeschichte. (La signification de la paléontologie pour l'histoire de la terre.) Scientia Bologna ed. Zanichelli **10** 1911 Num. **20** (4) (307-325 Suppl.: 147-164). 25 cm. [0050]. 9973

L'uomo; Storia naturale e preistoria, versione italiana del Dr. Velio Zanolli, diretta da E. Tedeschi. Milano (Soc. edit. libr.) 1911 (2 vol. con ill.). 24 cm. [80.6031]. 9974

Hofmann, K[leophas]. Die Bacillarien der Kieselgur und der Abwässer der Kaiserquelle in der Soos. JahrBer. Staats-Realschule u. Staats-Reform-Realgymnasium im 8. Bez. Wiens **8**. **1912/13** Wien 1913 (3-17 mit 1 Taf.). [80.95.7400 *dk*]. 9975

Hohenstein, Victor. Beiträge zur Kenntnis des mittleren Muschelkalks und des unteren Trochitenkalks am östlichen Schwarzwaldrand. Geol. u. paläont. Abh. Jena **16** (= n. F. **12**) 1913 H. 2 (1-100 m. 8 Taf.). [65.0231 *dc*]. 9976

Hollick, Arthur. The fossil flora of New York and vicinity. New York J. Bot. Gard. **11** 1910 (15-19 with fig.). [75.5000 *gg*†]. 9977

Additions to the paleobotany of the Cretaceous formation of Long Island. No. 3. New York Bull. Bot. Gard. **8** 1912 (154-170 with pls.). [75.5400 75.6500 *gl*†]. 9978

Preliminary correlation of the Cretaceous and Tertiary floras of Alaska. [Abstract.] Washington Bull. Geol. Soc. Amer. **24** 1913 (116). [75.5000 *ga* 85.5000 *ga*]. 9979

Lester Frank Ward. Science New York (N. Ser.) **38** 1913 (75-77). [0010]. 9980

Huene, Friedrich von. A new phytosaur from the Palisades near New York. New York Bull. Amer. Mus. Nat. Hist. **32** 1913 (275-282) p's. xlix-1 ff. 1-14. [65.5631 *gg*]. 9981

Hussakof, L'ouis. The Cretaceous chimeroids of North America. [With bibliography.] New York Bull. Amer. Mus. Nat. Hist. **31** 1912 (195-227 pls. xix-xx ff. 1-21). [75.5431 g]. 9982

————— Descriptions of four new Palaeozoic fishes from North America. New York Bull. Amer. Mus. Nat. Hist. **32** 1913 (245-250 pl. xlvii ff. 1, 2). [55.5431 gf]. 9983

————— Ramsay Heatley Traquair. Science New York (N. Ser.) **37** 1913 (509-511). [0010]. 9984

Huth, W. Beiträge zur Kenntnis der Carborgattung *Mariopteris* und ihrer Arten. Berlin Zs. D. geol. Ges. Monatsber. **65** 1913 (372-387 m. 1 Tab.). [55.6700]. 9985

Jackson, Robert Tracy. Alpheus Hyatt and his principles of research. Amer. Nat. New York **47** 1913 (195-205). [0010]. 9986

Jadot, Paul. Quelques remarques du *Inoceramus involutus*, Sow. du Crétacé supérieur. Bul. Muséum Paris **1913** (254-257). [75.2231 df]. 9987

Jaekel, Otto. Ueber den Bau des Schädels. Anat. Anz. Jena **44** 1913 ErgH. (77-96). [39.5231]. 9988

————— Wege und Ziele der Palaeontologie. Palaeont. Zs. Berlin **1** 1913 (1-57). [0000]. 9989

————— Bericht über die Gründung und erste Jahresversammlung der Palaeontologischen Gesellschaft. Palaeont. Zs. Berlin **1** 1913 (58-73). [0020]. 9990

[**Jakovlev, N. N.**] Яковлевъ, Н. Н. I. И. Лагузенъ (Некрологъ). [I. I. Lahusen. Nécrologie.] St. Peterburg Ann. Inst. Mines **3** 3-7 1911 (i-iii av. 1 pl.). [0010]. 9991

[**Jakovlev, S. A.**] Яковлевъ, С. А. O *Laminarites antiquissimus* Eichwald. [Ueber *Laminarites antiquissimus* Eichwald]. Ann. géol. minér. Nova-Alexandria **14** 4-5 1912 (105-109 deutsch. Rés. 109-112). [95.7400]. 9992

[**Janiševskij, M.**] Янишевский, М. Замѣтка о находкѣ остатковъ мамонта въ г. Томскѣ. [Eine Notiz über den Fund von Mammutsüberresten in der Stadt Tomsk.] Ann. géol. minér. Nova-Alexandria **12** 1910 (291-292 deutsch. Rés. 292-263). [6031.95 eaa]. 9993

Jeffrey, Edward C[harles]. The history, comparative anatomy and evolution of the *Araucarioxylon* type. Boston Proc. Amer.

Acad. Arts Sci. **48** 1912 (529-571 with pls.). [0150 60.6500]. 9994

Johnston, Edward C. v. Hanna, G. D.

Joleaud, A. et Joleaud, L. Un nouveau cirripède pédonculé fossile, *Scilliolepus Caziotti*. Paris C. R. soc. biol. **74** 1913 (723-726 av fig.). [90.2631 df]. 9995

Joleaud, L. Sur la position systématique du *Cervus pachygenus* (quaternaire algérien). Paris Bul. soc. géol. (sér. 4) **12** 1913 (468-472). [95.6031 fd]. 9996

Jongmans, W. J. v. Kidston, R.

Jordan, David Starr. *Ellimma*, a genus of fossil herrings. Washington D.C. Proc. Biol. Soc. **26** 1913 (79). [85.5431]. 9997

————— and **Beal, Carl Hugh**. Supplementary notes on fossil sharks. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (243-256) ff. a-e. [39.5431 gi]. 9998

Kafka, Josef. Rezente und fossile Huftiere Böhmens (Ungulata). I. Abteilung. 1 Rüsseltiere. Proboscidea. 2 Unpaarzeher Perissodactyla. Arch. Natw. LaDurchf. Böhmen Prag **14** Nr. 5 1913 (1-86). [80.6031 95.6031 dk 6031.80 6031.95]. 9999

Karpinsky, A. P. On *Helicoprion* and other Edestidae. St. Petersburg Verh. mineral Ges. (sér. 2) **49** 1912 (70-94). [39.5431]. 10000

Katzer, Friedrich. Die Braunkohlenablagerung von Banjaluka in Bosnien. Berg. Hüttenm. Jahrb. Wien. **61** 1913 (155-227 mit 3 Taf.). [55.2231 dk 2231.55]. 10001

Keller, Conrad. Studien über die Haustiere der Mittelmeer-Inseln. Ein Beitrag zur Lösung der Frage nach der Herkunft der europäischen Haustierwelt. N. Denkschr. Schweiz. Ges. Natf. Zürich **46** 2 1911 (109-187 8 Taff. 20 figg.). [95.6031 dm]. 10002

————— Über Haustierfunde von La Tène. Frauenfeld Mitt. Thurgauisch Natf. Ges. **20** 1913 (140-153 3 fig.). [95.6031]. 10003

Kidston, R. et Jongmans, W. J. Sur la fructification de *Neuropteris obliqua* Bgt. Haarlem Arch. Néerl. Sci. Soc. Holl. ser. 2 B **1** 1911 (25-26 avec pl.); Leiden Meded. Rijksherbarium **16** 1913 (2 avec pl.). [55.6600 dd]. 10004

- Kindle, E[dward] M[artin].** The age of the eurypterids of Kokomo, Indiana. Amer. J. Sci. New Haven Conn. (ser. 4) **36** 1913 (282-288). [50.2831 *gg* 0150]. 10005
- Vermes [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (122 pl. vii f. 6). [55.1831 *gh*]. 10006
- Ostracoda [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (335-338) pl. xlv ff. 6-9. [55.2631 *gh*] 10007
- Kindle, E[dward] M[artin] v. Prosser, C. S.**
- Kittl, Ernő.** Adatok a triasz Halobiüdái és Monotidái monografiájához. [Beiträge zur Monographie der Halobiiden und Monotiden des Trias.] In „Resultate der wissenschaft. Forsch. des Balatonsees“. I. Bd. I. Teil. Paläont. Anh. II. Bd. Budapest 1912 (1-203 10 Taf. 37 Textfig.) [65.2231]. 10008
- Bakony triasz-gastropodák. [Gastropoden aus dem Bakonyer Trias.] In „Resultate der wissenschaft. Forschung des Balatonsees“. I. Bd. I. Teil. Paläont. Anh. II. Bd. Budapest 1912 (1-54 3 Taf. 4 Textfig.). [65.2231 *dk*]. 10009
- Klebsberg, R. v.** Beiträge zur Kenntnis der alttertiären Evertebraten-Fauna Ägyptens. Berlin Zs. D. geol. Ges. **65** 1913 Abh. (373-383). [80.0231 *fb*]. 10010
- Klinghardt.** Vergleichend-anatomische und biologische Untersuchungen einer neuen Rudistenfauna aus Friaul. Berlin Zs. D. geol. Ges. Monatsber. **65** 1913 (448-450). [75.2231 *dh*]. 10011
- Knowlton, F[rank] H[all].** Biologic principles of paleogeography. Pop. Sci. Mon. New York **76** 1910 (601-603). [0100 0000]. 10012
- Flora of the auriferous gravels of California. In: Lindgren, W. The Tertiary gravels of the Sierra Nevada of California. Washington D.C. Dept. Int. U.S. Geol. Surv. Prof. Paper No. **73** 1911 (57-64 with table). [80.5400 *gi*]. 10013
- Modern aspects of paleobotany. I. The relations of paleobotany to geology. Amer. Nat. New York **46** 1912 (207-215). [5000 0100]. 10014
- Description of a new fossil fern of the genus *Gleichenia* from the Upper Cretaceous of Wyoming. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. **45** 1913 (555-558) pl. 44. [75.6700 *gi*]. 10015
- Kobelt, Wilhelm.** Hermann von Ihering. D. Erde Gotha **12** 1913 (113-114). 10016
- Koch, G. von.** Über Versuche mit Zellen bei zoologischen und paläontologischen Präparationen sowie einige Worte über Gipsabgüsse. Museumskunde Berlin **9** 1913 (216-219). [0090]. 10017
- Koken, E[rnst]†.** Beiträge zur Kenntnis der Schichten von Heiligenkreuz (Abteital, Südtirol). Wien Abh. Geol. RchsAnst. **16** H. 4 1913 (1-43 mit 6 Taf.). [65.2231 5631 *dk* 2231 5631.65]. 10018
- Kormos, Tivadar.** Három új fossilis pézsmacziezkányfaj Magyarország faunájában. [Trois nouvelles espèces fossiles des Desmans en Hongrie.] Budapest Ann. Hist. Nat. Mus. Nat. Hung. **11** 1913 (125-145 pls. vi-vii). [90.6031 95.6031 *dk*]. 10019
- *Sciurus gibberosus* Hofm. a magyarországi miocénben. [*Sciurus gibberosus* Hofm. im Miocän Ungarns.] Földt. Közl. Budapest **73** 1913 (36-38 151-153). [90.6031 *dk*]. 10020
- Kozłowski.** Fossiles dévoniens de l'état de Parana (Brésil). Ann. paléont. Paris **8** 1913 (105-123 pag. spéc. 1-19 av. fig.). [50.0231 *hh*]. 10021
- Krenkel, Erich.** Faunen aus dem Unterkarbon des südlichen und östlichen Tian-Schan. (Wiss. Ergebnisse der Reise v. G. Merzbacher im zentralen u. östl. Tian-Schan, 1907/08.) München Abh. Ak. Wiss. math.-phys. Cl. **26** 1913 Abh. 8 (1-44 m. 2 Taf.). [55.0231 *eb* 55.2031 *eb*]. 10022
- [**Krištofović, N. I.**] Криштафовичъ, Н. И. Систематическій указатель литературы за 1905 и 1906 года. [Index systématique de la littérature pour les années 1905 et 1906.] Ann. géol. minér. Novo-Alexandria **11** 9 1909 (1913) (1-82). [0032]. 10023
- Систематическій указатель литературы съ 1911 года. [Index systématique de la littérature à partir de 1911.] Ann. géol. minér. Novo-Alexandria **14** 1912 1 (1-16) 2 (17-24) 3 (25-32) 4-5 (33-48) 6 (49-58) 7-8 (59-66) 9 (67-76). [0032]. 10024

Lambert, T. Description des Echinides des terrains néogènes du bassin du Rhône. 2^{me} partie. Basel Abh. Schweiz. palaeont. Ges. **38** 1912 (51-102 7 Taf.). [80.1031 *df*]. 10025

————— Note sur quelques Echinides recueillis dans l'étage Albien de Sancerre et communiqués par M. le premier président Curet. Auxerre Bul. soc. sci. hist. nat. (sér. 2 **26**) **66** 1913 (81-88). [75.1031 *df*]. 10026

Laurent, A. Beiträge zur Kenntnis der westfälischen Kreide [Hornschwämme, *Radiolites*]. Bonn Verh. nathist. Ver. **69** (1912) 1913 (287-291). [75.0631 75.2231 *de*]. 10027

Laurer, G. Beiträge zur Abstammungs- und Rassenkunde des Hausrindes. Königsberg Ber. landw. Inst. **14** 1913 (vi+63 m. 5 Taf. u. 17 Tab.); Diss. [95.6031]. 10028

Laville, A. Le *Didelphis Cuvieri* Fischer de Sannois. Feuille jeunes natural Paris **43** 1913 (139-145 av. fig.). [85.6031 *df*]. 10029

Lecointre, G. et Allix. Les formes diverses de la vie dans les faluns de la Touraine. Feuille jeunes natural Paris **43** 1913 (6-8 29-35 41-47). [90.0431 *df*]. 10030

Lee, W[illis] T[homas]. Recent discovery of Dinosaurs in the Tertiary. Amer. J. Sci. New Haven Conn. (ser. 4) **35** 1913 (531-534). [85.5631 *gi*]. 10031

Leidhold, Cl. Ueber ein Vorkommen von Fossilien in den Hunsrückschiefen der Gegend nördlich von Oberstein. Centralbl. Min. Stuttgart **1913** (652-655). [55.2031 *de*]. 10032

————— Die Quarzite von Berlé in Luxemburg, ihre Verbreitung und stratigraphische Stellung. N. Jahrb. Min. Stuttgart Beilagebd **36** 1913 (332-369 m. 1 Taf.). [55.0231 *dd*]. 10033

Levensen, G. M. R. Studies on the Cyclostomata operculata. København Vid. Selsk. Skr. (ser. 7) **10** 1 1912 (1-52 with 7 pls.). [75.2031 *da de df*]. 10034

[**Licharev, B.**] Лихаревъ, Б. Фауна пермскихъ отложенийъ окрестностей города Кириллова, Новгородской губернии. [Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow in Gouvernement Nowgorod.] St. Peterburg Mém. Com. géol. (n. ser.) **85** 1913 (1-86 deutsch. Rés. 87-99 and 5 Taf.). [55.1031 2031 2231 *abc*]. 10036

[**Ličkov, B.**] Личковъ, Б. Кожанскій мамонтъ. [Le Mammouth de Kojanski]. Ann. géol. minér. Novo-Alexandria **14** 7-8 1912 (225-226). [95.6031]. 10037

Lignier, O. Recherches sur les végétaux fossiles de Normandie: *Equisetum Hommeyi*, prêle bathonienne en place. Caen Bul. soc. bot. (sér. 6) **4** 1913 (41-42). [75.6700]. 10038

————— Interprétation de la souche des *Stigmaria*. Paris Bul. soc. bot. **60** 1913 (2-8). [55.6700]. 10039

Lindberg, Harald. Resultaten af de phytopaläontologiska undersökningarna inom Lojo härad. [Die Resultate der phytopaläontologischen Untersuchungen im Distrikt Lojo.] Helsingfors F. Mosskult. Tidskr. **14** 1911 (318-347 mit Karte). [0100 95.5000 *aba*]. 10040

————— Resultaten af de phytopaläontologiska undersökningarna inom Lappmarkens härad. [Die Resultate der phytopaläontologischen Untersuchungen in Lappland.] Helsingfors F. Mosskult. Tidskr. **15** 1912 (273-295). [0100 *aba* 95.5000 *dba*]. 10041

Lindemann, B. Die Erde. Eine allgemeinverständliche Geologie. Bd 2: Geologie der deutschen Landschaften. Lfg 6-11 = Lfg 16-21 des Gesamtwerkes. Stuttgart (Franckh) [1913] (161-368 i-viii m. Taf.). 27 cm. Die Lfg 0,80 M. [0030]. 10042

Lindgren, Waldemar. The Tertiary gravels of the Sierra Nevada of California. [Mammal remains pp. 51-53; Tertiary fossil plants pp. 55-57.] Washington D.C. Dept. Int. U.S. Geol. Surv. Prof. Paper No. **73** 1911 (1-226 with figs. pls. tables maps). [80.5400 *gi* 80.6031 *gi*]. 10043

[**Lisicyn, K. I.**] Лисицынъ, К. П. Отчетъ о геологическихъ изслѣдованіяхъ, произведенныхъ лѣтомъ 1911 года въ Донецкомъ п Подмосковномъ районахъ. [Bericht über geologische Untersuchungen im Donschen Bassin und Moskauer Kohlenbecken.] Novočerkassk Ann. Inst. polytechn. **1** 1912 (167-190 deutsch. Rés. 191-193 and 1 Taf.). [55.60.0231 *abb d'c*]. 10044

Lorenzo (De), Giuseppe. Caverna con avanzi preistorici presso Lagonegro in Basilicata. Roma Rend. Acc. Lincei (ser. 5) **20** 1911 2^o sem. (449-452 con sez.). [95.6031 *dh*]. 10045

- Lovisato, Domenico.** Note di paleontologia miocenica sarda. Specie nuove di *Clypeaster* e di *Amphiope*. Palaeont. ital. Pisa 17 1911 (37-48 tav. 6-8). [90.1031 *dh*]. 10046
- Nuove specie di *Clypeaster* del Miocene medio di Sardegna. Riv. ital. Paleont. Catania 17 1911 (29-39 tav. 1-2). [90.1031 *dh*]. 10047
- Altre specie nuove di *Clypeaster* del Miocene medio di Sardegna. Roma Boll. Soc. geol. ital. 30 1911 (457-473 tav. 16-17). [90.1031 *dh*]. 10048
- Mansuy, H.** Étude géologique du Yun-nan oriental; 2^e Partie: Paléontologie. Mémoires du service géologique de l'Indo-Chine Hanoi-Haiphong 1 1912 (fasc. 2 148 av. fig.). [39.0231 *eb*]. 10049
- Mission du Laos. I. Géologie des environs de Luang-Prabang. II. Mission Zeil dans le Laos septentrional. Résultats paléontologiques. III. Contribution à la géologie du Tonkin. Paléontologie, suivi d'un exposé sommaire des découvertes paléontologiques en Indo-Chine, au cours de l'année 1911 et au début de l'année 1912. Mémoires du Service géologique de l'Indo-Chine Hanoi-Haiphong 1 1912 fasc. 4 (1-82 av. 13 pl.). [39.0231 *ed*]. 10050
- *v.* Deprat, J.
- Maplestone, C. M.** Further description of the Tertiary Polyzoa of Victoria. Part x. Melbourne Proc. R. Soc. Vict. n.s. 21 1908 (233-239 pls. vii-viii); Part xii 25 1913 (355-356 pl. xxvii). [80.2031 *if*]. 10051
- Mariani, Ernesto.** Rinvenimento di avanzi di mammiferi nel sottosuolo di Milano. Riv. ital. Sc. nat. Milano 2 1911 (63-64). [90.6031 *dh*]. 10052
- *v.* Tommasi A.
- Mark, Clara Gould.** The fossils of the Conemaugh formation in Ohio. [In: Condit, D. D. Conemaugh formation in Ohio.] Ohio Geol. Surv. Bull. Columbus (ser. 4) 1912 (261-326 pls. xiii-xvi). [55.0231]. 10053
- Martin, H. T.** On a comparison of three skulls: *Castoroides ohioensis*, *Castoroides kansensis*, and *Castor fiber*. [With bibliography.] Lawrence Kan. Univ. Sci. Bull. 6 1913 (387-396 pls. xxiv-xxvii). [95.6031 *gi*]. 10054
- Notice of a new fish from the Permian of Kansas, with description [*Ctenoptychius semicircularis* Newberry and Worthen]. Lawrence Kans. Univ. Sci. Bull. 7 1913 (183-186 pl. xxi). [55.5431 *gi*]. 10055
- Matthew W[illiam] D[iller].** Cuban fossil mammals; preliminary note. [Abstract.] Washington Bul. Geol. Soc. Amer. 24 1913 (118). [95.6031 *hc*]. 10056
- A zalambodont insectivore from the Basal Eocene. New York Bull. Amer. Mus. Nat. Hist. 32 1913 (307-314 figs. 1-6 pls. lx-lxi). [85.6031 *gi*]. 10057
- The laws of nomenclature in paleontology. Science New York (N. Ser.) 37 1913 (788-792). [0070]. 10058
- Nomenclature in paleontology. Science New York (N. Ser.) 38 1913 (87-88). [0070]. 10059
- Maunier, René.** Ludwig Reinhardt—Der Mensch zur Eiszeit in Europa und seine Kulturentwicklung bis zur Ende der Steinzeit. (L'homme à l'époque glaciaire en Europe et le développement de sa civilisation jusqu'à la fin de l'âge de la pierre.) Un vol. in 8° de 921 pag. 2^{me} éd. Ernst Reinhardt. München 1908. Analyse critique. Scientia Bologna (ed. Zanichelli) 9 1911 (Num. 18(2) 464-465). 25 cm. [95.6031 *d*]. 10060
- Maynard, T[homas] P[ooole] v. Ohern,** D. W.
- Mazeran, P. v. Depéret, P.**
- Mecquenem, R. de.** Contribution à l'étude du gisement des Vertébrés de Maragha. Annales d'Histoire naturelle (Délégation en Perse). Paris 1 1911 (27-98 av. fig.). [90.6031 *eh* 90.5231 *eh*]. 10061
- Méhes, Gyula.** Kövesült kagylósrákok Ázsiából. [Fossile Ostracoden aus Asien.] Földt. Közl. Budapest 43 1913 (428-431 506-510 Taf. 4). [70.2631 *ea* 80.2631 *ea*]. 10062
- Meister, Ernst.** Zur Kenntnis der Ammonitenfauna des portugiesischen Lias. Berlin Zs. D. geol. Ges. 65 (1913) Abh. 1914 (518-587 m. 5 Taf.). [70.2231 *dg*]. 10063
- Meli, Romolo.** Sopra alcune specie di bivalvi fossili dei dintorni di Monte San Giovanni Campano in provincia di Roma. Roma Boll. Soc. Geol. ital. 30 1911 (245-252). [90.2231 *dh*]. 10064
- Notizia di una zanna e di altri resti elefantini fossili descritti da Giambattista Passeri nel 1759, oggi conservati nella Biblioteca Oliveriana di

Pesaro. Roma Boll. Soc. geol. ital. **30**
1911 (895-908). [90.6031 *dh*]. 10065

Meli, Romolo. Cenno sopra una Monodonta fossile della Valle dell'Inferno (Roma) e notizie sommarie sulle specie di Trochidi estratte finora dal Pliocene recente delle colline romane sulla destra del Tevere. Roma Boll. Soc. Zool. ital. (Ser. 2) **12**
1911 (89-96). [90.2231 *dh*]. 10066

Menzel, Hans. Deutschlands Tierwelt seit der Eiszeit. Aus d. Heimat Stuttgart **26** 1913 (90-94). [95.0231 *dc*]. 10067

Merriam, John C[ampbell]. Tapir remains from late Cenozoic beds of the Pacific coast region. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (169-173 ff. 1-2). [80.6031 *gi*]. 10068

———— The skull and dentition of a camel from the Pleistocene of Rancho la Brea. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (305-323 ff. 1-11). [95.6031 *gi*]. 10069

———— A peculiar horn or antler from the Mohave Miocene of California. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (335-339 ff. 1-4). [90.6031 *gi*]. 10070

———— Notes on the canid genus *Tephrocyon*. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (359-372 ff. 1-16b). [90.6031]. 10071

———— Vertebrate fauna of the Orindan and Siestan beds in middle California. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (373-385 ff. 1-9b). [90.6031 *gi* 90.5000 *gi*]. 10072

———— Preliminary report on the horses of Rancho la Brea. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (397-418 ff. 1-14). [95.6031 *gi*]. 10073

———— New anchitheriine horses from the Tertiary of the Great Basin area. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (419-434 ff. 1-5). [90.6031 *gi*]. 10074

———— New protohippine horses from Tertiary beds on the western border of the Mohave desert. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (435-441 ff. 1-4). [90.6031 *gi*]. 10075

Meunier, Stanislas. Sur un échantillon d'*Inoceramus* provenant de la craie blanche du Pas-de-Calais et sur la série des phénomènes géologiques dont il a conservé des traces. Bul. Muséum Paris **1913** (257-259). [75.2231 *df*]. 10076

[**Michajlovskij**, G. P.] Михайловский, Г. П. О некоторых новых или

рѣдкихъ раковинахъ пзѣ третичныхъ отложенийъ сѣвернаго побережья Аральскаго моря. [Ueber einige neue oder seltene Conchylien aus dem Tertiär am Nordufer des Aralsees.] Jurjev Sitzb. Naturf. Ges. **21** 1912 (120-133 mit 1 Taf.). [85.2231 *ek*]. 10077

Mingazzini, Giulio. Notizia scientifica. [Enrico Morselli—Lezioni sul' uomo secondo la teoria dell'evoluzione—Antropologia generale.] Nuova Antologia Roma fasc. 346 (ser. 5^a **154**) **238** 1911 (129-133. [0200]). 10078

Misuri, Alfredo. Sopra un nuovo Trionchide dell'Arenaria miocenica del Bellunese. (*Prionyx bellunensis*, Dal Piazz, in schedis.) Perugia (tip. V. Bartelli) 1911 (1-12 con 2 tav.). 31 cm. [90.5631 *dh*]. 10079

Mochi, Aldobrandino. L'industria litica della grotta di Golino nei monti dell'Uccellina (Talamone, prov. di Grosseto). Arch. Antrop. Etnol. Firenze **41** 1911 (172-184). [95.6031 *dh* 0150]. 10080

———— Le ricerche del Dr. Marchesetti nella Grotta Pocala presso Aurisina sul Carso Triestino. Arch. Antrop. Etnol. Firenze **41** 1911 (205-223 tav. 1^a). [95.6031 *dh dk* 0150]. 10081

———— Caratteri australiani dell'uomo paleolitico di Combe-Chapelle. Arch. Antrop. Etnol. Firenze **41** 1911 (428-440). [95.6031 *d*]. 10082

———— Sulla cronologia di alcuni giacimenti quaternari italiani a fauna calda. Riv. ital. paleontol. Catania **17** 1911 (65-77). [95.6031 *dh* 0150]. 10083

———— Faune Riss-Würmiana, Würmiana e Post-Würmiana e industria paleolitica superiore nella Grotta di Cuculiana. (Monti Pisani.) Riv. Antrop. Roma **16** 1911 (259-274 con 1 tav.). [95.6031 *dh*]. 10084

Monnier, L. Paléontologie de Madagascar. VII. Les Aepyornis. Ann. paléont. Paris **8** 1913 (125-172 pag. spéc. 1-48 av. fig.). [95.5831 *fh*]. 10085

Moodie, Roy I.[ee]. Vertebrate footprints in the Lower Permian of Kansas. Amer. J. Sci. New Haven Conn. (ser. 4) **35** 1913 (31-33 1 fig.). [55.5631 *gi*]. 10086

———— Some recent advances in vertebrate paleontology. Amer. Nat. New York **47** 1913 (183-192 248-256). [0010]. 10087

———— The Pennsylvanian Amphibia of the Mazon Creek, Illinois, shales.

- [With bibliography.] Lawrence Kan. (Univ. Sci. Bull. 6 1913 (321-359 pls. 1-14). [55.5631 *gg*]. 10088
- Moodie**, Roy L[ee] v. Williston, S. W.
- Morselli**, Enrico. Lezioni su l'uomo secondo la teoria della evoluzione. (Antropologia generale.) Torino (Unione tipografica editrice Torinese) 1911 (xxvii + 1376 con 674 fig. 1 tav. e 3 carte). 28 cm. lire 36. [80.6031]. 10089
- Müller**, Eug. Eine weitere Schnecke aus der Tuffablagerung der schwarzen Laaber. Frankfurt a. M. NachrBl. D. malakozool. Ges. 45 1913 (175-181). [95.2231]. 10090
- Pruvost**, P. Les insectes houillers du nord de la France. Lille Ann. soc. géol. 41 1913 (323-380). [55.2431 *df*]. 10091
- [**Nackij**, A. D.] Нацкій, А. Д. Замѣтка о зонѣ съ *Hoplites* (*Leymeriella*) *tardefurcatus* Leym. на Мангышлакѣ. [Die Zone mit *Hoplites* (*Leymeriella*) *tardefurcatus* Leym. im Mangyschlak.] Ann. géol. minér. Novo-Alexandria 14 9 1912 (270-272 deutsch. Rés. 272). [75.2231 *ea*]. 10092
- Napoli**, Ferdinando. Di alcuni rinvenimento di fossili a Monteverde presso Roma. Roma Mem. Acc. Nuovi Lincei 29 1911 (229-231 tav. 2-3*). [90.6031 *dh*]. 10093
- Nathorst**, A. G. Bemerkungen über *Weltrichia*, Fr. Braun. Ark. Bot. Stockholm 11 No. 7 1911 (10 mit 1 Taf. u. 1 Textfig.). [65.6500]. 10094
- Nelli**, Bindo. Il Postpliocene di Lampedusa. Roma Boll. Soc. geol. ital. 30 1911 (815-837 tav. 23*). [90.2231 *dh*]. 10095
- Il Pliocene dell' Isola di Citera. Roma Rend. Acc. Lincei (ser. 5) 20 1911 2° sem. (563-568). [90.0231 .0150 *dl*]. 10096
- Neumayer**, L. Zur vergleichenden Anatomie des Schädels eocäner und recenter Siluriden. Palaeontographica Stuttgart 59 1913 (251-288 m. 4 Taf.). [5431.85 *fb*]. 10097
- Newton**, E. T. On the remains of *Trisus etruscus* (*U. arvernensis*) from the Pliocene deposits of Tegelen sur Meuse. 's Gravenhage Verh. Geol. Mijnb. Gen. (Geol. Ser.) 1 1913 (249-254 with 1 pl.). [90.6031 *dd*]. 10098
- [**Novopokrovskij**, I. V.] Новопокровскій, И. В. Матеріалы къ познанию юрской флоры долины р. Тырмы (Амурской области). [Beiträge zur Kenntnis der Jura-Flora des Tyrma-Tals (Amurgebiet).] Explor. géolog. chem. de fer Sibérie St. Peterburg 32 1912 (1-17 deutsch. Rés. 18-35 mit 3 Taf.). [70.6500 .6700 *ea*b]. 10099
- Nowak**, Jan. Einige Präpariermethoden der ammonitischen Lobenlinien. Wien Mitt. Geol. Ges. 6 1913 (234-237). [0060 2231.39]. 00100
- Ohern**, D[aniel] W[ebster]. Crinoidea [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (249-258 pls. xxxvi-xl). [55.1031 *gh*]. 10101
- Vermes [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore (258-259 pl. xl f. 16). [55.1831 .1031 *gh*]. 10102
- and **Maynard**, T[homas] P[roole]. Mollusca [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (450-489 pls. lxxv-lxxxviii). [55.2231 *gh*]. 10103
- Trilobita [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (489-512 pls. lxxxix-xciv). [55.2831 *gh*]. 10104
- Olsson**, Axel. New and interesting fossils from the Devonian of New York. Bull. Amer. Paleont. Ithaca N.Y. 5 (No. 23) 1912 (27-38 or 1-14 pls. 6 7). [55.1031 *gg*]. 10105
- Oppenheim**, Paul. Über *Porites polystyla* Reuss und die Gattung *Actinaeis* d'Orb. Berlin Zs. D. geol. Ges. 65 1913 Abh. (159-180 m. 1 Taf.). [39.0831]. 10106
- Bemerkungen zu W. Kranz: „Das Tertiär zwischen Castelgomberto, Montecchio maggiore, Creazzo und Monteviale im Vicentin“ und Diskussion verschiedener dort berührter Fragen, zumal der Stellung der Schioschichten und der Grenze zwischen Oligocän und Miocän. N. Jahrb. Min. Stuttgart Beilag-bd 35 1913 (549-627 m. 1 Taf.). [80.2231 *dh*]. 10107
- Osborn**, Henry Fairfield. The state museum and state progress. [Address delivered at the dedication of the New York state education building, October 15, 1912.] (19 with pls.) 25 cm. [0060 0040]. 10108
- Crania of *Tyrannosaurus* and *Allosaurus*. [With bibliography.] New York Mem. Amer. Mus. Nat. Hist. (n. ser.)

1 1912 (1-30 pls. i-iv ff. 1-27). [70.5631 75 5631 *gi*]. 10109

Osborn, Henry Fairfield. Integument of the iguanodont dinosaur *Tyrachodon*. New York Mem. Amer. Mus. Nat. Hist. (n. ser.) 1 1912 (31-35 pls. v-x ff. 1-13). [75.5631 *gi*]. 10110

——— Craniometry of the Equidae. [With bibliography.] New York Mem. Amer. Mus. Nat. Hist. (n. ser.) 1 1912 (55-100 ff. 1-17). [39.6031]. 10111

——— *Tyrannosaurus*, restoration and model of the skeleton. New York Bull. Amer. Mus. Nat. Hist. 32 1913 (91-92) pls. iv-vi. [0060 75.5631 *gi*]. 10112

[**Ostroumov**, A.] Остроумовъ, А. Къ вариационной статистикѣ каспійскихъ дидакнидъ. [Zur Variationsstatistik der Kaspischen Didacniden.] Kazan' Trd. Obšč. jest. 44 4 1912 (1-28). [95.2231 *ek*]. 10113

Pack, Robert W. Notes on *Scutella norrisi* and *Scutaster andersoni*. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. 7 1913 (299-304) pl. 15. [90.1031 *gi*]. 10114

Pantocsek, József. A kopacseli andesittufa kovamoszatai. [Die im Andesittufe von Kopacsél vorkommenden Bacillarien.] Botan. Közlem. Budapest 12 1913 (126-137 24 2 Taf.). [90.7400 *dk*]. 10115

Paris, Paul. Oiseaux fossiles de France. Rev. franç. ornith. Paris 1912 (283-298). [39.5831 *df*]. 10116

Parona, Carlo Fabrizio. Sulla presenza del Turoniano nel Monte Conero. Roma Boll. Soc. geol. ital. 30 1911 (108-112). [75.0150 .2231 *dh*]. 10117

——— Le Rudiste del Senoniano di Ruda sulla costa meridionale dell' Isola di Lissa. Torino Atti Acc. Sc. 46 1911 (380-389 con 2 fig.). [75.2231 *dh*]. 10117A

——— Per lo studio del Neoretaceo del Friuli occidentale. Torino Atti Acc. Sc. 46 1911 (887-892 con 1 fig.). [75.2231 .0150 *dh*]. 10118

——— Nuovi studi delle Rudiste dello Appennino (Radiolitidi). Torino Mem. Acc. Sc. (ser. 2) 62 1911 (273-293 con 7 fig. con 2 tav.). [75.2231 *dh*]. 10119

Patten, William. A problem in evolution. Pop. Sci. Mon. New York 82 1913 (417-435) ff. 1-7. [0200]. 10120

Pávai Vajna, Ferencz. Új *Pholadomya* a miocénból. [Eine neue *Pholadomya* aus dem Miozän.] Földt. Közl. Budapest 73 1913 (193-201 280-289 fig. 14-17). [90.2231 *dk*]. 10121

[**Paylova**, Marie.] Павлова, М. В. Объ остаткахъ послетретичныхъ копытныхъ южной Сибири, хранящихся въ Троицкосавско-Кяхтинскомъ музеѣ. [Sur les ongulés fossiles posttertiaires, provenant de la Sibérie méridionale et appartenant aux collections du Muséum de Troïckosavsk-Kiachtá.] Moskva Bull. Soc. nat. 1911 (1912) (Prot. 15-17). [0060 95.6031 *ea*]. 10122

Peale, A[ibert] C[harles]. The laws of nomenclature in paleontology. Science New York (n. ser.) 37 1913 (979-980). [0070]. 10123

Pelourde, Fernand. Observations sur le *Psaronius brasiliensis*. Ann. sci. nat. (bot.) Paris (sér. 9) 16 1912 (337-352). [55.6700]. 10124

——— Remarques sur la trace foliaire des Psaroniées. Paris C. R. ass. franç. avanc. sci. 41 (Nîmes) 1912 (104). [55.6700]. 10125

Pervinquière, L. Etudes de paléontologie tunisienne. II. Gastropodes et Lamellibranches des terrains crétacés. Paris (Lamarche) 1912 (352 av. atlas) 31cm. [75.2231 *fa*]. 10126

Peterson, O[lof] A[ugust]. A new species of *Moropus* (*M. hollandi*) from the base of the middle Miocene of western Nebraska. Science New York (n. ser.) 38 1913 (673). [90.6031 *gi*]. 10127

Petclerc, Paul. Note sur le Bathonien supérieur (Bradfordien) de Trésilly, canton de Rioz (Haute-Saône). Feuille jeunes natural. Paris 43 1913 (86-90 93-97). [70.0231 *df*]. 10128

Petrunkevitch, Alexander. A monograph of the terrestrial Palaeozoic Arachnida of North America. New Haven Trans. Conn. Acad. Arts Sci. 18 1913 (1-137 pls. i-xiii ff. 1-88). [55.3031 *g*]. 10129

Pia, Julius v[on]. Ueber eine mitteliasische Cephalopodenfauna aus dem nordöstlichen Kleinasien. Wien Ann. NatHist. Hofmus. 27 1913 (335-388 mit 3 Taf.). [70.2231 *ei* 2231.70]. 10130

Pilgrim, Guy E[llcock]. The vertebrate fauna of the Gaj series in the Bugti Hills and the Punjab. Pal. Ind. Calcutta (n. ser.) 4 No. 2 1912 (1-83 with 30 pls. and 1 map). [90.5431 90.5631 90.6031 *eh*]. 10131

Pilotti, Camillo. Fossil nei calceschisti dell' Iglesiasente (Nota preliminare). Roma Boll. comitato geol. 42 (ser. 5 2) 1911 (349-350). [50.0231 *dh*]. 10132

- Pilsbry, H[enry] A.** Two new Achatinellidae of Oahu. *Nautilus* Boston **27** 1913 (39-40). [95.2231 *nd*]. 10133
- **v. Brown, A. P.**
- Poppus, B[ertel].** Beiträge zur post-glazialen Einwanderung der Küster-Fauna Finnlands. *Helsingfors Acta Soc. Fauna et Fl. Feun* **34** No. 9 1910-11 (1-59). [95.2431 *dba*]. 10134
- [**Potonié, Henry.**] Henry Potonié. Autobiographische Skizzen mit Ergänzungen von R[obert] Potonié. Berlin Verh. bot. Ver. **55** 1913 ((57)-(61)). [0010]. 10135
- Powers, Sidney v. Shimer, H. W.**
- Priem, F.** Poissons fossiles de Perse. Délégation en Perse, Annales d'Histoire Naturelle. [Author's advance copies, 1908.] Paris **1** 1910 (1-25 av. fig.). [75.5431 80.5431 *eh*]. 10136
- Pritchard, G[eorge] B[axter].** On the occurrence of the genus *Linthia* in Victoria, with description of a new species. Melbourne Proc. R. Soc. Vict. n.s. **21** 1908 (392-400 pls. xxii-xxiii). [85.1031 *if*]. 10137
- On a new Silurian bivalve from the Lilydale quarries, *Lucina (Pro-lucina) mitchelli*. Melbourne Proc. R. Soc. Vict. n.s. **25** 1913 (363-364 pl. xxix). [50.2231 *if*]. 10138
- A revision of the fossil Volutes of the Table Cape beds, Tasmania, with descriptions of new species and varieties. Melbourne Proc. R. Soc. Vict. n.s. **26** 1913 (192-201 pl. xx-xxi). [85.2231 *ii*]. 10139
- Prosser, Charles S[mith].** Cœlenterata [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (119-122 pl. vii ff. 1-5). [55.0831 *gh*]. 10140
- and **Kindle, E[dward]** M[artin]. Brachiopoda [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (124-213 pls. viii-xxi). [55.2031 *gh*]. 10141
- Mollusca [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (214-326 pls. xxi-xliii). [55.2231 *gh*]. 10142
- Trilobita [of the Middle Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (326-335 pls. xliii-xliv). [55.2831 *gh*]. 10143
- Rauff, Hermann.** *Barroisia* und die Pharetronenfrage. (Zum Gedächtnis an Karl A. v. Zittel.) *Palaeont. Zs. Berlin* **1** 1913 (74-144 m. 2 Taf.). [39.0631]. 10144
- Ravn, J. P. J.** On Jurassic and Cretaceous fossils from North-east Greenland, 1911. København Medd. Grønl. **45** 1912 (437-500 7 pls.). [70 75 2231 *kb*]. 10145
- Raymond, Percy E[dward] and Barton, Donald C.** A revision of the American species of *Ceraurus*. Cambridge Mass. Bull. Mus. Comp. Zool. Harvard Coll. **54** 1913 (523-543 pls. 1-2). [50.2831 *g*]. 10146
- Regalia, Ettore.** Fauna glaciale in due grotte di Equi (Alpi Apuane). Riv. ital. Paleontol. Catania **17** 1911 (24-28). [95.0231 *dh*]. 10147
- Renzi, Carl.** Zur Geologie des östlichen Kaukasus. N. Jahrb. Min. Stuttgart Beilagebd **36** 1913 (651-703 m. 5 Taf.). [70.2231 *dba*]. 10148
- [**Riabinin, A. N.**] Рябининъ, А. Позвонок ихтиозавра изъ киммериджа Печорскаго края. [Vertèbres d'un ichtyosaure provenant du Kimmeridge de Peçora.] St. Peterburg Trav. Mus. géol. Ac. Sc. **6** 1912 (43-47 av. 1 pl.). [70.5631 *dba*]. 10149
- Richter, Rudolf.** Beiträge zur Kenntnis devonischer Trilobiten. (2. Oberdevonische Proetiden.) Frankfurt a. M. Abh. Senckenb. Ges. **31** 1913 (341-424 m. 2 Taf.). [55.2831]. 10150
- Rivers, J. J.** A new species of *Bathytoma* from the Upper Pleistocene of San Pedro, Cal. Los Angeles Bull. Soc. Cal. Acad. Sci. **12** 1913 (29 1 pl.). [95.2231 *gt*]. 10151
- Rollier, Louis.** Fossiles nouveaux ou peu connus des terrains secondaires (mésozoïques) du Jura et des contrées environnantes. Deuxième partie. Basel Abh. schweiz. palaeont. Ges. **38** 1912 (35-146 4 figs. 8 pls.). [60.2231 *di df dc*]. 10152
- Rübenstrunk, Ernst.** Über riffbauende Tiere und andere erdgeschichtliche Beobachtungen im Thüringischen Zechstein-Rifgebiet Zs. Natw. Leipzig **85** 1913 (10-32). [55.0231 *dc*]. 10153
- Rutten, L[ouis] M[artin] R[obert].** Studien über Foraminiferen aus Ost-Asien. Leiden Samml. Geol. Reichsmus. (Ser. 1) **9** 1913 (219-224). [90.0431 *eg*]. 10154
- Salfeld, H.** Die zoo-geographische Stellung des süddeutschen oberen Juras.

- Berlin Zs. D. geol. Ges. Monatsber. **65** 1913 (441-448). [70.0231 *dc*]. 10155
- Savage**, T[homas] E[dmund]. Some interesting new species of Arthropods from Devonian strata of Illinois. Amer. J. Sci. New Haven Conn. (ser. 4) **35** 1913 (149-152 ff. 1-5). [55.2431 *gg*]. 10156
- Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri. Part 1. Illinois Geol. Surv. Bull. Urbana No. **23** 1913 (1-124 pls. i-vii). [50.1031 .1831 .2031 .2631 .0231 .0831 .2231 .2831]. 10157
- The Grand Tower (Onondaga) formation of Illinois and its relation to the Jeffersonville beds of Indiana. [Abstract.] Trans. Ill. Acad. Sci. Urbana **3** 1910 (116-132 with tables 1 pl.). [55.0231 *gg*]. 10158
- Savin**, L. Revision des Echinides du département de l'Isère. Grenoble Bul. soc. sci. nat. arts ind. **34** (sér. 4 **8**) 1905 (109-324 av. 8 pl.). [75.1031 *df*]. 10159
- Schlesinger**, G[ünther]. *E. planifrons* vom Laaerberg und die Stratigraphie der alten Flu-sterrassen von Wien. Wien Verh. Geol. RchsAnst. **1913** (387-389). [90.6031 *dk* 6031.90]. 10160
- Schmidt**, R[ob.] R[ud.], unter Mitwirkung von E. **Koken** und A. **Schliz**. Die diluviale Vorzeit Deutschlands. Lfg 1-6. Stuttgart (E. Schweizerbarth), 1912 (i-vii 1-208 mit 47 [1-97] Taf.). 25 cm. Die Lfg 10 M. [95.0231 *dc*]. 10161
- Schöndorf**, Friedrich. *Palaeaster eucharis* Hall aus dem nordamerikanischen Devon. Wiesbaden Jahrb. Ver. Natk. **66** 1913 [1914] (87-96 m. 1 Taf.). [55.1031 *g*]. 10162
- Ueber *Onychaster*, einen Schlangensterne aus dem Karbon. Eine Kritik und Erwiderung auf eine gleichnamige Arbeit von Igera B. J. Sollas. Wiesbaden Jahrb. Ver. Natk. **66** 1913 [1914] (97-116 m. 1 Taf.). [55.1031]. 10163
- Schubert**, Richard J. Beitrag zur fossilen Foraminiferenfauna von Celebes. Wien Jahrb. Geol. RchsAnst. **63** 1913 (127-150 mit 1 Taf.). [60.0431 80.0431 *eg* 0431.60 .80]. 10164
- Schuchert**, Charles. Biologic principles of paleogeography. Pop. Sci. Mon. New York **76** 1910 (591-600). [0100]. 10165
- The Dinosaurs of East Africa. Amer. J. Sci. New Haven Conn. (ser. 4) **35** 1913 (34-38 1 map). [75.5631 *ff*]. 10166
- Schuchert**, Charles. Cystoidea [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (227-248 ff. 6-17 pls. xxxi-xxxvi). [55.1031 *gh*]. 10167
- *et alii*. Brachiopoda [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (290-449 pls. liii-1xxiv). [55.2031 *gh*]. 10168
- Schweder**, G. Abwurfstange eines sibirischen Riesenhirsches. *Cervus evy-ceros* Aldr. Riga. Korr.-blt. Naturf. Ver. **56** 1913 (35-40 mit 1 Taf.). [95.6031 *ea*]. 10169
- Ueber die grossen Vertreter der Diluvialzeit im Balticum. Riga Korr.-blt. Naturf. Ver. **56** 1913 (60-61). [95.6031 *abc*]. 10170
- Schwetz** v. Švec.
- Scott**, William B[erryman]. A history of land mammals in the Western hemisphere. New York (Macmillan) 1913 (xiv + 1 7 + 693 front ff. 1-304). 24.5 cm. [0030.39 .6031 *gh*]. 10171
- Scupin**, Hans. Die Löwenberger Kreide und ihre Fauna. Palaeontographica Stuttgart Suppl. **6** 1913 (1-276 m. 15 Taf.). [75.0231 *dc*]. 10172
- [**Semenov-Tian-Sanskiĭ**, André.] Семеновъ-Тянь-Шанскій, А. Таксономическія границы вида и его подраздѣлений. Опытъ точной категоризации низшихъ систематическихъ единицъ. [Limites taxonomiques de l'espèce et de ses subdivisions. Essai d'une catégorisation précise des unités systématiques inférieures.] St. Peterburg Mém. Ac. Sc. (sér. 8) **25** 1 1910 (1-29). [0040]. 10173
- Sera**, Gioachino L. Sull' uomo fossile sudamericano. Monit. Zool. ital. Firenze **22** 1911 (estr. 1-14). [80.6031 *h*]. 10174
- Sergi**, Giuseppe. Sul *Diprothoma platenis* Ameghino. Roma Riv. Antrop. (Atti Soc. rom. antrop.) **16** 1911 (113-122 con 4 fig.). [90.6031 *hi*]. 10175
- L'uomo secondo le origini, l'antichità, le variazioni e la distribuzione geografica. Torino (Bocca edit. Biblioteca di Scienze Moderne No. 56) 1911 (xxiii + 424 con 212 fig. 107 tav. ed 1 carta). 24 cm. Lire 20. [80.6031]. 10176
- Shimek**, Bohumil. The significance of Pleistocene mollusks. [Address of the Vice-president and Chairman of Section E—Geology and Geography—American Association for the Advancement of Science,

Cleveland, 1912.] Science New York (n. ser.) **37** 1913 (501-509). [95.2231].

10177
Shimer, H[ervey] W[oodburn]. Spiriferoids of the Lake Minnewanka section, Alberta. Bull. Geol. Soc. Amer. Washington **24** 1913 (233-240). [55.2031 *ge*].

10178
 ——— and **Powers, Sidney**. A new sponge from the New Jersey Cretaceous. Washington Smithsonian Inst. Proc. U.S. Nation. Mus. **46** 1913 (155-156 pl. 7). [75.0631 *gg*]. 10179

Shirley, John. Notes on fossil plants from Duaringa, Ipswich, Dawson River, and Stanwell (with 8 plates), and on fossil woods from the Ipswich Beds, Boggo Road, Brisbane. Queensland Geol. Surv. Brisbane Bull. No. 18 **171** 1902 (1-16 10 pls.). [39.5000]. 10180

Shufeldt, R[obert] W[ilson]. Contributions to avian paleontology. 1. The status to extinct *Meleagridae*. 2. Studies of the fossil birds of the Oregon desert. Auk Cambridge Mass. **30** 1913 (29-39 pl. iii). [95.5831 *gi*]. 10181

———— Fossil feathers and some heretofore undescribed fossil birds. J. Geol. Chicago **21** 1913 (628-652 ff. 1-12). [80.5831 *gi*]. 10182

———— Review of the fossil fauna of the desert region of Oregon, with a description of additional material collected there. New York Bull. Amer. Mus. Nat. Hist. **32** 1913 (123-178 pls. ix-xliiii). [95.5231 *gi*]. 10182a

———— New and extinct birds and other species from the Pleistocene of Oregon. Science New York (n. ser.) **37** 1913 (306-307). [95.5831 *gi*]. 10183

Silvestri, Alfredo. La *Margulinina fissicostata* (Gümbel) del Pliocene della Farnesina. Roma Atti Acc. Nuovi Lincei **64** 1911 (177-183 con fig.). [90.0431 *dh*]. 10184

———— Sulla vera natura dei *Palæodictyon*. Roma Boll. Soc. geol. ital. **30** 1911 (85-107 con 2 fig. e tav. 6-7). [38.0131 *dh*]. 10185

———— Distribuzione geografica e geologica di due *Lepidocycline* comuni nel terziario italiano. Roma Mem. Acc. Nuovi Lincei **29** 1911 (1-79). [80.0431 *dh*]. 10186

Simionescu, J. *Megalosaurus* aus der Unterkreide der Dobrogea (Rumänien). Centralbl. Min. Stuttgart **1913** (686-687). [75.5631 *dl*]. 10187

Simonelli, Vittoria. Mammiferi quaternari dell' Isola di Candia. Bologna. Mem. Acc. Sc. (ser. 6) **8** 1911 (1-14 con tav. e fig.). [95.6031 *dk*]. 10188

Sinclair, W[illiam] J[ohn]. Interdependence of stratigraphy and paleontology. Pop. Sci. Mon. New York **76** 1910 (589-591). [0100 0150]. 10189

Slavik, F[rantz]. Adolf Hofmann†. Wien Verh. Geol. RchsAnst. **1913** (339-342). [0010]. 10190

Slocum, Arthur Ware. New Trilobites from the Marquoketa beds of Fayette county, Iowa. Chicago Field Mus. Nat. Hist. Pub. Geol. ser. **4** 1913 (43-83 f. i pls. xiii-xvii). [50.2831 *gi*]. 10191

Soergel, W. Lias und Dogger von Jetbie und Fialpopo (Misólarchipel). (Geolog. Mitt. aus d. Indo-Australischen Archipel. Hrsg. v. Georg Boehm. IX.) N. Jahrb. Min. Stuttgart Beilagebd **36** 1913 (586-650 m. 4 Taf.). [70.0231 *ia*]. 10192

[**Sokolov, D. N.**] Соколовъ, Д. Н. О верхне-юрскихъ окаменѣlostяхъ изъ Аргентины. [Sur quelques fossiles du jurassique supérieur de l'Argentine.] St. Peterburg Bul. Ac. Sc. (sér. 6) **7** 1913 (1145-1146). [70.0231 *hi*]. 10193

———— Ueber Aucellen aus dem Norden und Osten von Sibirien. Résultats scientifiques de l'Expédition Polaire Russe en 1900-1903, sous la direction du Baron E. Toll. Section C. Géologie et Paléontologie. Livr 3. St. Peterburg Mém. Ac. Sc. (Sér. 8) **21** 3 1908 (1-18 mit 3 Taf.). [70.75.2231 *eab*]. 10194

———— Оригиналы и паратины К. Ф. Рудь и Г. А. Траутшольда въ коллекціи Фаренколя изъ Гальевой. [Types et paratypes de C. F. Rouiller et G. A. Trautschold dans la collection de Fahrenkol provenant de Galieva.] St. Peterburg Trav. Mus. géol. Ac. Sc. **6** 1912 (97-119 av. 2 pls.). [70.2231 *dbc*]. 10195

———— Ueber Akad Fr. Schmidt's Fossilienammlungen aus dem Amurlande. St. Petersburg Trav. Mus. géol. Ac. Sc. **6** 1912 (153-166 mit 2 Taf.). [70.75.2231 *eab*]. 10196

Sollas, W. Z. The evolution of man. (L'évolution de l'homme.) Scientia Bologna **9** 1911 (Num. 17 (1) 118-138 Suppl. 109-131). [80.6031 0200]. 10197

Solms-Laubach, Hermann Graf zu. *Tietca singularis*. Ein neuer fossiler

- Pteridinenstamm aus Brasilien.** Zs. Bot. Jena **5** 1913 (673-700 m. 2 Taf.). [38.6700]. 10198
- Sommermeier, L.** Die Fauna des Aptien und Albien im nördlichen Perú. [II. Gastrop., Lamellibr., Echinoid.] (Beiträge zur Geol. u. Paläont. v. Südamerika. Hrsg. v. G. Steinmann. XX.) N. Jahrb. Min. Stuttgart Beilagebd **36** 1913 (370-412 m. 2 Taf.). [75.0231 hf]. 10199
- Spengler, Erich.** Rudolf Hoernes. Wien Mitt. Geol. Ges. **5** 1912 (309-323). [0010]. 10200
- Stark, Peter.** Pflanzenfunde im Buntsandstein bei Durlach. Jahresber. oberrhein. geol. Ver. Stuttgart N. F. **3** 1913 (28-31). [ε5.5000 de]. 10201
- Stefanescu, Sabba.** Sur la structure de la couronne des molaires d'éléphant. Paris C. R. Acad. sci. **157** 1913 (611-612). [90.6031 95.6031]. 10202
- Sur la phylogénie de la couronne des molaires de mastodontes et d'éléphants. Paris C. R. Acad. sci. **157** 1913 (735-736). [80.6031 90.6031]. 10203
- Sur la ramification des tubercules dentaires des molaires d'*Elephas*, de *Stegodon* et de *Mastodon*. Paris C. R. Acad. sci. **157** 1913 (882-884). [80.6031 90.6031]. 10204
- Stefani (De), Carlo.** Il paleozoico inferiore di Ali nel Messinese. Pisa Proc. Verb. Sec. tosc. Sc. nat. **20** 1911 (21-25). [50.0150 dh]. 10205
- Stefanini, Giuseppe.** Contributo degli studi echinologici ad alcuni problemi di paleogeografia. Firenze Riv. geog. ital. **18** 1911 (1-12). [39.1031]. 10206
- Di alcuni Arbacia fossili. Riv. ital. paleontol. Catania **17** 1911 (51-52). [90.1031 dh]. 10207
- Note echinologiche 1^a-4^a. Riv. ital. paleontol. Catania **17** 1911 (81-94 tav. 4^a). [80.1031 d]. 10208
- Sugli Echini terziari dell'America del Nord. Roma Boll. Soc. geol. ital. **30** 1911 (677-714 tav. 22^a). [80.1031 g^l]. 10209
- Osservazioni sulla distribuzione geografica, sulle origini e sulla filogenesi degli "Scutellidae". Roma Boll. Soc. geol. ital. **30** 1911 (739-754). [39.1031]. 10210
- Stefano, (De) Giuseppe.** I mammiferi preistorici dello Imolese. Pisa Palaeont. ital. **17** 1911 (49-140 tav. 7^a-15^a). [95.6031 dh]. 10211
- Studi sui pesci fossili della Pietra di Bismantova (Provincia di Reggio-Emilia). Roma Boll. Soc. geol. ital. **30** 1911 (351-422 tav. 12-14). [85.5431 dh]. 10212
- Stehlin, H. G.** Die Säugetiere des schweizerischen Eocaens. Critischer Catalog der Materialien. Siebenter Teil, erste Hälfte. Adapis. Basel Abh. Schweiz palaeont. **38** 1912 (1165-1298 46 figg.). [6031.85]. 10213
- Stierlin, Karl.** Beiträge zur Kenntnis des Wellenkalks im südlichen Breisgau. Freiburg i. B. Ber. natf. Ges. **20** 1913 (47-58 m. 1 Taf.). [65.2681 de]. 10214
- Stock, Chester.** *Nothrotherium* and *Megalonyx* from the Pleistocene of southern California. Berkeley Univ. Cal. Pub. Bull. Dept. Geol. **7** 1913 (341-358 ff. 1-18). [95.6031 gi]. 10215
- Stoller, J.** Spuren des diluvialen Menschen in der Lüneburger Heide. Berlin Jahrb. geol. Landesanst. **30** (1909) II 1912 (433-450 m. 1 Taf.). [95.6031 de]. 10216
- [**Stolyhwo, K.**] Столыгово, Казимиръ. *Diprotomo platensis*—предполагаемый предшественникъ человека. [*Diprotomo platensis* un précurseur de l'homme.] Varšava Prot. Obšč. jest. **23** (1911) 3-4 1912 (11-22). [90.6031 hi]. 10217
- Stromer, Ernst.** Mitteilungen über Wirbeltierreste aus dem Mittelpliocän des Natrontales (Ägypten). I. Affen. [2. Raubtiere.] Berlin Zs. D. geol. Ges. **65** 1913 Abh. (350-372 m. 3 Taf.). [90 6031 fb]. 10218
- Rekonstruktionen des Flugsauriers *Rhamphorhynchus Gemmingi* H. v. M. N. Jahrb. Min. Stuttgart **1913** ii (49-68 m. 3 Taf.). [70.5631 de]. 10219
- Suess, F[rantz] E[duard].** Nekrolog. Ernst Koken. Wien Mitt. Geol. Ges. **5** 1912 (482-483). [0010]. 10220
- Suter, Henry.** New species of Tertiary mollusca. Wellington Trans. N. Zeal. Inst. **45** 1913 (294-297) [80.2231 ik]. 10221
- [**Svec, F. P.**] Швець, Ф. П. Предварительный отчетъ объ экскурсиі на Керченскій полуостровъ, совершенной лѣтомъ 1908 года. [Vorläufiger Bericht über eine Exkursion nach der Halbinsel Kertsch im Sommer 1908.]

- Jurjev Sitzb. Naturf.-Ges. **21** 1912 (81-97 mit 1 Taf.). [90.2231 *dbb*]. 10222
- [Svec, F. P.] Швець, П. Ф. Фауна чокракскаго известняка Керченскаго полуострова. [Die Fauna der Tschokrak-Kalke der Halbinsel Kertsch.] St. Petersburg Verh. mineral. Ges. (Ser. 2) **49** 1912 (251-380 mit 2 Taf.). [90.2231 *dbb*]. 10223
- Swartz**, C[harles] K[ephart]. Porifera [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (195-198 ff. 1-5 pl. xvii ff. 1-4). [55.0631 *gh*]. 10224
- Coelenterata [of the Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Lower Devonian Baltimore 1913 (198-227 pls. xvii-xxx). [55.0831 *gh*]. 10225
- Pisces [of the Upper Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian Baltimore 1913 (700-701 pl. lxxiii ff. 1-3). [55.5431 *gh*]. 10226
- v. Clarke, J. M.
- Teppner**, Wilfried. Südsteirische *Trionyx*-Reste im Kärntner Landesmuseum in Klagenfurt. Wien Verh. Geol. Rechs.Anst. **1913** (322-332). [80.5631 *dk* 5631.80]. 10227
- Tilton**, John L. The first reported petrified American *Lepidostrobus* is from Warren county, Iowa. Des Moines Proc. Iowa Acad. Sci. **19** 1912 (163-165). [55.5700-*gi*]. 10228
- [**Tolmacev**, I. P.] Толмачевъ, И. П. Материалы къ познанію палеозойскихъ отложенийъ Сѣверо-Восточной Сибири. [Matériaux pour la connaissance des dépôts paléozoïques de la partie N.E. de la Sibérie.] St. Petersburg Trav. Mus. géol. Ab. Sc. **6** 1912 (123-149 av. 2 pls.). [55.2231 .2031 *cab*]. 10229
- Tommasi**, Annibale. I fossili della Lumachella triasica di Ghegna in Valsecca presso Roncobello. Parte prima: Algae, Anthozoa, Brachiopoda, Lamellibranchiata. Pisa Palaeont. ital. **17** 1911 (1-36 tav. 1-3). [65.0231 *dh*]. 10230
- Notizie sui fossili della Lumachella triasica di Ghegna in Valsecca di Roncobello. Roma Boll. Soc. geol. ital. **30** 1911 (655-664). [65.0231 *dh*]. 10231
- **Mariani**, Ernesto, **Alessandri** (De), Giulio. Il Gruppo delle Grigne: note geologiche ad uso dei Congressisti. [Riunione 30^a straordinaria della Società Geologica italiana in Lecco, settembre 1911.] Milano (tip. degli Operai) 1911 (1-30 con 1 fig.). 17 cm.: [ristampa] Roma Boll. Soc. geol. ital. **30** 1911 (lxxxiii-cii con ill. [xci-xcviii notizie paleontologiche]). [0050 *dh*]. 10232
- Toni** (De), Antonio. La fauna liasica di Vedorna (Bellano). Parte prima: Brachiopodi. Genève Mém. Soc. Paléont. Suisse **37** 1910-11 (1-30 con 1^o tav.); Parte seconda: Molluschi. Basel Abh. Schweiz. palaeont. Ges. **38** 1912 (33-52 1 Taf.). [70.2231 *dh* 70.2031 *dh*]. 10233
- Toula**, Franz. Die Brunnen tiefbohrungen der Staatseisenbahngesellschaft. (1839-1845 und 1909.) Wien Verh. Geol. Rechs.Anst. **1913** (239-254 mit 1 Taf.). [80.2231 *dk* 2231.80]. 10234
- Trauth**, F[riedrich]. Ernst Kittl†. Wien Mitt. Geol. Ges. **6** 1913 (358-362). [0010]. 10235
- Zur Erinnerung an Ernst Kittl. Wien Mitt. Sect. Natkde **25** 1913 (53-59). [0010]. 10236
- Trentanove**, Giorgio. I fossili tortoniani di Quarata nei monti livornesi. Roma Boll. Soc. geol. ital. **30** 1911 (49-84 tav. 4-5). [90.2231 *dh*]. 10237
- Tschirwinsky** v. Čirvinskij.
- Tsytovitch** v. Cytovič.
- Ulrich**, E[dward] O[scar] and **Bassler**, R[ay] S[mith]. Bryozoa [of the Middle and Lower Devonian deposits of Maryland]. Maryland Geol. Surv. Middle and Upper Devonian. Baltimore 1913 (123-124 pl. vii figs. 7-12: 259-290 pls. xlvii-li; Ostracoda 513-542 pls. xcv-xcviii). [55.2631 *gh* 55.2031 *gh*]. 10238
- Vajna**, Ferencz v. Pávai Vajna, F.
- Vignal**. Rectification de nomenclature. Rev. crit. paléozool. Paris **17** 1913 (247). [39.2231]. 10239
- Vinassa de Regny**, Paolo. Rilievamento nelle tavolette di Palazza e Prato-Carnico (Alpi Venete). Roma Boll. Comit. Geol. ital. **42** (ser. 5^a 2) 1911 (213-332 con 1 tav.). [500231 *dh*]. 10240
- Sulla origine di talune impronte litorali fossili. Roma Boll. Soc. geol. ital. **30** 1911 (518-522). [38.0131]. 10241
- Vohland**, Albert. Der schneckenführende Elstermergel von Rüssen-Storkwitz. Dresden Sitzber. Isis **1913** (12-26). [95.2231 *dc*]. 10242

- Volz**, [Wilh.]. Oberer Jura in West-Sumatra. Centrbl. Min. Stuttgart 1913 (753-758). [70.0381 *eg*]. 10243
- Wagner**, Georg. Beiträge zur Stratigraphie und Bildungsgeschichte des oberen Hauptmuschelkalks und der unteren Lettenkohle in Franken. Geol. u. palaeont. Abh. Jena (n. F.) 12 1913 (1-180 m. 9 Taf.). [65.2031 *de*]. 10244
- Wahnschaffe**, Felix. Zum Gedächtnis Hermann Credners. Berlin Zs. D. geol. Ges. Monatsber. 65 1913 (470-488 m. 1 Bildn.). [0001]. 10245
- Hippolyt Haas. Berlin Zs. D. geol. Ges. Monatsber. 65 1913 (538-541). [0010]. 10246
- Anton Frič. Berlin Zs. D. geol. Ges. Monatsber. 65 1913 (635-636). [0010]. 10247
- Walcott**, Charles D[oolittle]. The Cambrian faunas of China. [With bibliography.] Washington D.C. Carnegie Inst. Pub. No. 54 (Research in China 3) 1913 (1-276 pls. 1-24 figs. 1-9). [50.0231 .2831 .0431 .0631 .0831 .1831 .2631 .2231 .2031 *eb*]. 10248
- Cambrian geology and paleontology 2, No. 11. New Lower Cambrian subfauna. Washington Smithsonian Inst. Misc. Collect. 57 1913 (309-326 pls. 1-liv). [50.0231 *ge* 50.2031 *ge* 50.2831 *ge gg*]; 2, No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada (327-343 pls. lv-lix figs. 11 12). [0070 45.0231 *ge* 50.0231 *ge* 2031 50.2831 *ge gg*]. 10249
- Wangerin**, W. Die Flora der Eiszeit in Deutschland und ihre Beziehungen zur Flora der Gegenwart. Aus d. Heimat Stuttgart 26 1913 (81-90). [95.5000 *de*]. 10250
- Weissermel**, W. v. Böhm, J.
- Weller**, Stuart. A report on Ordovician fossils collected in eastern Asia in 1903-1904. Washington D.C. Carnegie Inst. Pub. No. 54 (Research in China 3) 1913 (277-294 pls. xxv, xxvi). [50.0231 .2231 .2831 .1831 .2031 *eb*]. 10251
- Wenz**, Wilhelm. Die Arten der Gattung *Hydrobia* im Mainzer Becken. Frankfurt a. M. NachrBl. D. malakozool. Ges. 45 1913 (76-86 113-123 m. 3 Taf.). [80.231 *de*]. 10252
- Wepfer**, E. Über den Zweck enger Artbegrenzung bei den Ammoniten. Berlin Zs. D. geol. Ges. Monatsber. 65 1913 (410-440). [39.2231]. 10253
- Werth**, E[mil]. *Dulichium vespiforme* aus der Provinz Brandenburg. Berlin Ber. D. bot. Ges. 31 1913 (346-349). [80.6000]. 10254
- White**, David. A new fossil plant from the State of Bahia, Brazil. Amer. J. Sci. New Haven Conn. (ser. 4) 35 1913 (633-636 with figs.). [55.6600 *hh*]. 10255
- Wickham**, H[enry] F[rederick]. The Princeton collection of fossil beetles from Florissant. Columbus Ohio Ann. Ent. Soc. Amer. 6 1913 (359-366 pls. xxxviii-xli). [90.2431 *gi*]. 10256
- Fossil Coleoptera from the Wilson ranch near Florissant, Colorado. Iowa City Univ. Iowa Bull. Lab. Nat. Hist. 6 (No. 4) 1913 (3-29 pls. i-vii). [90.2431 *gi*]. 10257
- Fossil Coleoptera from Florissant in the United States National Museum. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. 45 1913 (283-303 pls. xxii-xxvi). [90.2431 *gi*]. 10258
- Wieggers**, Fritz. Das Alter des diluvialen Menschen in Deutschland. Berlin Zs. D. geol. Ges. Monatsber. 65 1913 (541-567); Bemerkungen dazu v. C. Gagel. *t.c.* (619-620). [95.6031 *de*]. 10259
- Wieland**, G[eorge] R[eber]. The Liassic flora of the Mixteca Alta of Mexico, its composition, age, and source. Amer. J. Sci. New Haven Conn. (ser. 4) 36 1913 (251-281 with figs. tabs.). [70.5000 *gl*]. 10260
- Williams**, Henry Shaler. New species of Silurian fossils from the Edmunds and Pembroke formations of Washington county, Maine. Washington D.C. Smithsonian Inst. Proc. U.S. Nation. Mus. 45 1913 (319-352 pls. xxix-xxxii). [50.2031 50.2231 *gg*]. 10261
- Williston**, S[amuel] W[endell]. The primitive structure of the mandible in amphibians and reptiles. J. Geol. Chicago 21 1913 (625-627 fig. 1). [39.5631]. 10262
- An ancestral lizard from the Permian of Texas. Science New York (n. ser.) 38 1913 (825-826). [55.5631 *gi*]. 10263
- and Moodie, Roy L[ee]. New plesiosaurian genus from the Niobrara Cretaceous of Nebraska. [Abstract.] Washington Bull. Geol. Soc. Amer. 24 1913 (120-121). [75.5631 *gi*]. 10264
- Wiman**, C. Über die palaeontologische Bedeutung des Massensterbens unter den

Tieren. Palaeont. Zs. Berlin 1 1913 (145-154). [39.0231]. 10265

Winkler, Artur. Untersuchungen zur Geologie und Paläontologie des steirischen Tertiärs. Studie über Verbreitung und Tektonik des Miocäns der Mittelsteiermark. Wien Jahrb. Geol. Reichs Anst. 63 1913 (503-620 mit 2 Taf.). [80.0231 dk 0231.80]. 10266

[**Wittenburg, P.**] Виттенбургъ, П. О руководящей формѣ *Pseudomonotis*-овыхъ слоевъ верхняго триаса Сѣвернаго Кавказа и Аляски. [Sur la forme caracteristique de *Pseudomonotis* du trias supérieur du Caucase et d'Alaska.] St. Peterburg Bull. Ac. Sc. (sér. 6) 7 1913 (475-487 av. 1 pl. [65.2231 dbd ga]. 10267

[**Zalésskij, M. D.**] Залѣсскій, М. Д. Обь открытій известковыхъ конкрецій, извѣстныхъ подъ названіемъ „coal balls“, въ одномъ изъ угольныхъ пластовъ каменноугольныхъ отложений Донецкаго бассейна. [On the discovery of the calcareous concretions known as coal balls in one of the coal seams of the Carboniferous strata of the Donez basin.] Moskva Bul. Soc. nat. 1910 (proc. verb. 14-16). [55.5000 dbb]. 10268

— О *Cordaites aequalis* Göppert sp. изъ Сибири по тождествѣ его съ *Noeggerathia-opsis Hislopi* Bunbury sp. флоры Гондваны. [Sur le *Cordaites*

aequalis Göppert sp. de Sibérie et sur son identité avec *Noeggerathia-opsis Hislopi* Bunbury sp. de la flore du Gondwana.] St. Peterburg Mém. Com. géolog. (n. sér.) 86 1912 (1-21 rés. fr. 22-73 et 7 pl.). [55.6500 ea]. 10269

[**Zalésskij, M. D.**] Залѣсскій, М. Д. Анатомія *Lepidodendron dichotomum* Sternberg. [Anatomie du *Lepidodendron dichotomum* Sternberg.] Orel Izv. Obsč. izsl. priz. Orl. gub. 3 1913 (97-99). [55.6700]. 10270

Zeiller, R. Rapport sur l'attribution du prix de Coiney en 1912. Paris Bul. soc. bot. 59 1912 (session extraordinaire xxiii-xxv). [80.7400]. 10271

Zelizko, J. V. Anton Fričt. Wien Verh. Geol. Reichs Anst. 1913 (362). [0010]. 10272

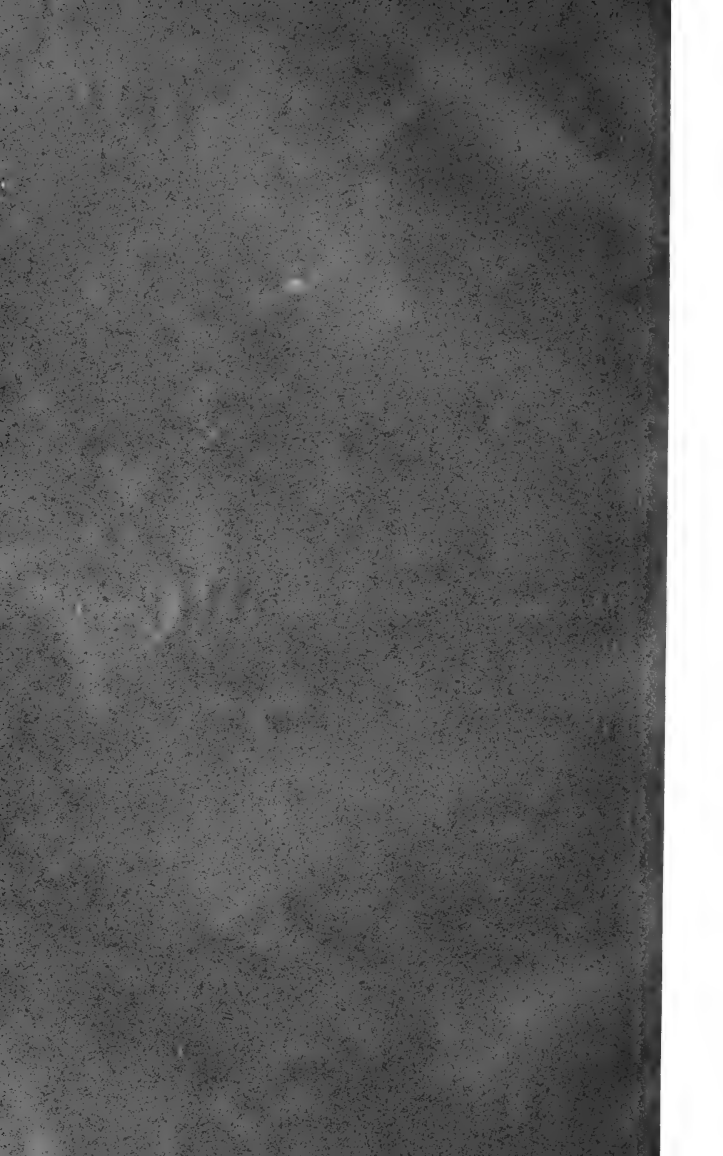
Zuccarelli, Angelo. Alcuni risultati di mie ricerche speleologiche nel salernitano. Atti Soc. ital. Progr. Sc. 4^a Riun. Napoli Dicembre 1910. Roma (Soc. ital. progr. Sc.) 1911 (860-861). [95.6031 dh]. 10273

Zuffardi, Pietro. Resti di Alce rinvenuti nella pianura pavese. Milano Rend. Ist. lomb. (ser. 2) 44 1911 (133-146 con tav.). [90.6031 dh]. 10274

Zwierzycki, J. Zur Frage der Unteren Kreide in Portugiesisch-Mozambique. Berlin SitzBer. Ges. natf. Freunde 1913 (319-325). [75.2231 ff]. 10275

47

SUBJECT CATALOGUE



SUBJECT CATALOGUE.

The numbers following the name of the author refer to the position of the corresponding entry in the Author Catalogue where the full reference is given.

0000 PHILOSOPHY.

Branca. 9808. Verhältnis der Geographie zur Geologie-Paläontologie und die Frage einer Teilung der Geologie-Paläontologie.

Jaekel. 9989. Wege und Ziele der Palaeontologie.

Knowlton. 10012. Biologic principles of paleogeography.

[**Potonié.**] 10135. Henry Potonié. Autobiographische Skizzen mit Ergänzungen von R[obert] Potonié.

POTONIÉ, H. v. Branca. 9810; Gøthan. 9944.

TELLER, Friedrich v. Geyer, Georg. 9924; Hammer, W[ilhelm]. 9954.

TRAQUAIR, Ramsay Heatley v. Hussakof. 9984.

WARD, Lester Frank v. Hollick. 9980.

0010 HISTORY, BIOGRAPHY.

Lettres d'Armand Gressly. Suite. Porrentruy Actes Soc. Juras. Emul. **17** 1912 Appendice (121-246) **18** 1913 Appendice (249-439).

CREDNER, Hermann v. Wahnschaffe. 10245.

FRIC, Anton v. Wahnschaffe. 10247; Zelízko. 10272.

Gass. 9920. Découverte d'un Mammoth à Vendenheim en 1800.

HAAS, Hippolyt v. Wahnschaffe. 10246.

HOERNES, Rudolf v. Spengler. 10200.

HOFMANN, Adolf† v. Slavik. 10190.

IHERING, Hermann von v. Kobelt. 10016.

Jackson. 9986. Alpheus Hyatt and his principles of research.

KINKELIN, Friedrich v. Drevermann. 9886.

KITTL†, Ernst v. Dreger. 9883; Trauth. 10235.

KOKEN, Ernst v. Suess. 10220.

LAHUSEN, I. I. v. Jakovlev. 9991.

Moodie. 10087. Some recent advances in vertebrate paleontology.

0020 PERIODICALS, REPORTS OF INSTITUTIONS, SOCIETIES, CONGRESSES, ETC.

Annales d'Histoire naturelle, publiées sous la direction de J. de Morgan délégué général (Ministère de l'Instruction publique et des Beaux-Arts, Délégation en Perse). Paris (Leroux), [t. i 1912]. 34^{cm}.

Field Museum of Natural History. Annual report of the Director [Frederick J. V. Skiff] to the Board of Trustees for the year 1912. Chicago Field Mus. Nat. Hist. Pub. Rep. Ser. **4** 1913 (181-273) pls. xxx-xliii.

Geologisches Zentralblatt. Anzeiger für Geologie, Petrographie, Palaeontologie u. verwandte Wissenschaften . . . hrsg. v. K. Keilhack. Generalregister zu Bd 1-15. Berlin (Gebr. Borntraeger) 1913 (iv + 472). 26 cm. 25 M.

Jaarboek van het Geologisch-Mijnbouwkundig Genootschap voor Nederland en Kolonien. [Jahrbuch des geologisch-bergmännischen Vereins für Niederland und Kolonien.] Amsterdam (J. H. de Bussy) 1913 (1-219).

Mémoires du Service géologique d'Indo-Chine. Hanoï-Haiphong. Tome **1** 1912

38cm (nombreuses pls. figs. et cartes géol. et topogr.).

Palaentologia universalis, sér. 2 (1907-1909) sér. 3 (1910-1911).

Fischer. 9907. Die Versammlungen Deutscher Naturforscher und Aerzte in Wien.

Jaekel. 9990. Bericht über die Gründung und erste Jahresversammlung der Palaentologischen Gesellschaft.

0030 GENERAL TREATISES, TEXT BOOKS, DICTIONARIES, COLLECTED WORKS, TABLES.

Rassegna delle pubblicazioni italiane. Riv. ital. paleontol. Catania 17 1911 (1-20 37-44 53-61).

Rassegna delle pubblicazioni estere. Riv. ital. paleontol. Catania 17 1911 (21-24 61-64).

Calvin. 9827. Adequacy of the paleontologic record.

Lindemann. 70042. Die Erde. Eine allgemeinverständliche Geologie. Bd 2; Geologie der deutschen Landschaften Lfg 6-11 = Lfg 16-21 des Gesamtwerkes.

Scott. 10171. A history of land mammals in the Western Hemisphere.

0032 BIBLIOGRAPHIES.

Bibliotheca zoologica II. Verzeichnis der Schriften über Zoologie, welche in den periodischen Werken enthalten und vom Jahre 1861-1880 selbständig erschienen sind, mit Einschluss der allgmeinaturgeschichtl., period. u. palaentolog. Schriften. Bearb. v. O. Taschenberg. 1. fig 20. Nachträge: Sign. 745-754. Leipzig u. Berlin (W. Englemann) 1913 (5993-6072). 23 cm. 4 M.

International Catalogue of Scientific Literature K. Palaentology. Twelfth annual issue. London (Harrison) 1914 (viii+192).

Catalogue de la bibliothèque [de la Société Linnéenne de Bordeaux]. 1^{er} fascicule (2^e éd.) (269+1). 2^e fascicule (2^e éd.) (150+1). Bordeaux (Société Linnéenne) 1913 25cm.

Kriřtafovic. 10023. Index systématique de la littérature pour les années 1905 et 1906. 10024: Index systématique de la littérature à partir de 1911.

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

Berry. 9784. Notes on the present status of paleobotany.

Osborn. 10108. The state museum and state progress.

Semenov-Tian-Sanskij. 10173. Limites taxonomiques de l'espèce et de ses subdivisions. Essai d'une catégorisation précise des unités systématiques inférieures.

0050 PEDAGOGY.

Giuffrida-Ruggeri. 9937. Il supposto centro antropogenico Sud-Americano.

Hoernes. 9973. Die Bedeutung der palaentologie für die Erdgeschichte. (La signification de la Paléontologie pour l'histoire de la terre.)

Tommasi, Marioni, Alessandri (De). 10232. Il gruppo delle Grigne. Note geologiche ad uso dei Congressisti.

0060 INSTITUTIONS, MUSEUMS, COLLECTIONS, ECONOMICS.

Fabiani. 9898. La sezione di storia naturale del Museo civico di Vicenza.

Hennig. 9970. Über die notwendige Organisation des palaentologischen Sammelns.

Nowak. 10100. Einige Präpariermethoden der ammonitischen Lobenlinien.

Osborn. 10108. The state museum and state progress. 10112: *Tyrannosaurus*, restoration and model of the skeleton.

Pavlova. 10122. Sur les ongulés fossiles posttertiaires provenant de la Sibérie méridionale et appartenant aux collections du Muséum de Troïkosavsk-Kiachta.

0070 NOMENCLATURE.

Burling. 9825. The nomenclature of types.

Matthew. 10058. The laws of nomenclature in paleontology. 10059: Nomenclature in paleontology.

Peale. 10123. The laws of nomenclature in paleontology.

Walcott. 10249. Cambrian geology and paleontology. 2. No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada.

0090 TECHNIQUE. METHODS OF RESEARCH.

Koch. 16017. Versuche mit Zellen bei zoologischen und paläontologischen Präparationen sowie einige Worte über Gipsabgüsse.

0100 DISTRIBUTION OF LIFE (ANIMAL AND VEGETABLE) IN PAST TIMES.

Berry. 9785. Notes on the geological history of the walnuts and hickories.

Handlirsch. 9955. Beiträge zur exakten Biologie.

Hedley. 9965. The paleogeographical relations of Antarctica.

Knowlton. 10012. Biologic principles of paleogeography. 10014: Modern aspects of paleobotany. 1. The relations of paleobotany to geology.

Lindberg. 10040. [Phytopaläontologische Untersuchungen in Lojo, Süd-Finland.] (Schwedisch.) 10041: [Phytopaläontologische Untersuchungen in Lapp-land.] (Schwedisch.)

Schuchert. 10165. Biologic principles of paleogeography.

Sinclair. 10189. Interdependence of stratigraphy and paleontology.

0150 ZONAL PALAEOLOGY; MUTATIONS (CHANGES OF FORM IN SUCCESSIVE STRATA), Etc.

Berry. 9783. Some ancestors of the persimmon [*Diospyros* spp.].

Cecchia-Rispoli. 9838. Sull'Oligocene dei dintorni di Campo-fiorito in provincia di Palermo. 9839: Sul miocene medio di alcune regioni delle provincie di Palermo e di Girgenti.

Dainelli. 9861. Introduzione allo studio del Cretaceo friulano.

Girty. 9933. Geologic age of the Bedford shale of Ohio.

Hedley. 9965. The paleogeographical relations of Antarctica.

Jeffrey. 9994. The history, comparative anatomy, and evolution of the *Araucarioxylon* type.

Kindle. 10005. The age of the eurypterids of Kokomo, Indiana.

Mochi. 10080. L'industria litica della grotta di Golino nei monti dell'Uccellina (Talamone, prov. di Grosseto). 10081: Le ricerche del Dr. Marchesetti nella Grotta Pocala presso Aurisina sul Carso Triestino. 10083: Sulla crinologia die alcuni giacimenti quaternari italiani a fauna calda. 10084: Faune Riss-Würmiana, Würmiana e Post-Würmiana e industria paleolitica superiore nella Grotta di Luciliana. (Monti Pisani.)

Nelli. 10096. Il Pliocene dell'Isola di Citera.

Parona. 10117. Sulla presenza del Turoniano nel Monte Conero. 10118: Per lo studio del neocretaceo del Friula occidentale.

Sinclair. 10189. Interdependence of stratigraphy and paleontology.

Stefani (De). 10205. Il paleozoico inferiore di Aliz nel Messinese.

Stefanini. 10206. Contributo degli studi echinologici ad alcuni problemi di paleogeografia.

Tommasi. 10231. Notizie su i fossili della Lumachella triasica di Ghegna in Valsecca presso Roncobbello.

0200 EVOLUTION.

Abel. 9761. Neuere Wege phylogenetischer Forschung.

Arcangeli. 9773. Sulla origine della vita.

Branca. 9809. Hypothesen über die Herkunft des Lebens.

Breitenbach. 9811. Die Stammesgeschichte der höheren Pflanzen.

Diener. 9879. Der Einfluss des prähistorischen Menschen auf die Umprägung der diluvialen Tierwelt.

Gregory. 9949. Crossopterygian ancestry of the Amphibia.

Mingazzini. 10078. Notizia scientifica. [Enrico Morselli. Lezioni su l'uomo seconda la teoria dell'evoluzione—antropologia generale.]

Patten. 10120. A problem in evolution.

Sollas. 10197. The evolution of man.

PALAEOZOOLOGY.

A. STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL
POSITION.38.0131 FOSSILLA AFFINITATIS
VEL ORIGINIS INCERTAE.

Vinassa de Regny. 10241. Sulla origine di talune impronte litorali fossili.

d EUROPE.

dh Italy.

Silvestri. 10185. Sulla vera natura dei *Palaeodictyon*.

38.5631 REPTILIA AND BA-
TRACHIA.

f AFRICA.

fg South Africa.

Broom. 9819. On some new carnivorous Therapsids.

39 GENERAL.

39.0231 PALAEOZOOLOGIA
GENERALIS.

Fossilium Catalogus. I: Animalia, ed. a F[ritz] Frech. Pars 1: F. Frech, Ammonoae Devonicae (Clymeniidae, Aphyllitidae, Gephyroceratidae, Cheiloceratidae). Berlin (W. Junk) 1913 (42). 26 cm. 4 M.

Craveri. 9859. Determinazione dei fossili italiani, francesi, svizzeri ed americani del Museo Galletti in Domodossola. Parte 1^a: Invertebrati.

De Vis. 9877. Fossils from Gulf Watershed.

Hennig. 9969. Pathologische und verwandte Erscheinungen bei fossilen Tieren.

Wiman. 10265. Palaeontologische Bedeutung des Massensterbens unter den Tieren.

d EUROPE.

dbc Central Russia.

Cirvinskij. 9843. Der geologische Bau der Gegend des rechten Ufers des Flusses Sseim innerhalb des Gouvernements Kursk.

e ASIA.

eb China.

Deprat et Mansuy. 9871. Étude géologique du Yun-nan oriental. II^e Partie: Paléontologie par Mansuy.

Mansuy. 10049. Étude géologique du Yun-nan oriental; 2^e Partie: Paléontologie.

ed French Indo-China.

Mémoires du service géologique de l'Indo-Chine, Hanoï-Haiphong, T. 1 1912. 38 cm.

Mansuy. 10050. Mission du Laos. I. Géologie des environs de Luang-Prabang. II. Mission Zeil dans le Laos septentrional. Résultats paléontologiques. III. Contribution à la géologie du Tonkin. Paléontologie suivi d'un exposé sommaire des découvertes paléontologiques en Indo-Chine, au cours de l'année 1911 et au début de l'année 1912. Géologie du Tonkin. Paléontologie.

i AUSTRALIA.

id Queensland.

Etheridge. 9895. Palaeontology of Queensland.

if Victoria.

Chapman. 9836. Victorian fossiliferous limestones and their correlatives in other lands.

39.0431 PROTOZOA.

Altpeter. 9766. Beiträge zur Anatomie und Physiologie von *Alveolina*.

39.0631 *PORIFERA.*

Rauff. 10144. *Barroisia* und die Pharetronfrage. -(Zum Gedächtnis an Karl A. v. Zittel.)

39.0831 *COELENTERATA.*

Deecke. 9865. Paläontologische Betrachtungen. V. Über Korallen.

Hall. 9953. Victorian Graptolites.

Oppenheim. 10106. Über *Porites polystyla* Reuss und die Gattung *Actinacis* d'Orb.

39.1031 *ECHINODERMATA.*

Rectifications de nomenclature. Rev. crit. Paléozool. Paris **16** 1912 (68-216).

Deecke. 9865. Paläontologische Betrachtungen. III. Über Echinoiden.

Stefanini. 10206. Contributo degli studi echinologici ad alcuni problemi di paleogeografia. 10210: Osservazioni sulla distribuzione geografica, sulle origini e sulla filogenesi degli „Scutellidae“.

39.2031 *BRACHIOPODA AND BRYOZOA.*

d **EUROPE.**

dbb **Southern Russia.**

Andrussow. 9770. Die fossilen Bryozoenriffe der Halbinseln Kertsch und Taman.

dbd **Caucasus.**

Andrussow. 9770. Die fossilen Bryozoenriffe der Halbinseln Kertsch und Taman.

39.2231 *MOLLUSCA.*

Rectifications de nomenclature. Rev. crit. Paléozool. Paris **14** 1910 (275-276); **16** 1912 (68-216).

Boury, E. de. 9805. Description de *Scalidae* nouveaux ou peu connus. 9806: Observations sur quelques espèces ou sous-genres de *Scalidae*.

Cossmann. 9857. Rectification de nomenclature.

Vignal. 10239. Rectification de nomenclature.

Wepfer. 10253. Zweck enger Artbegrenzung bei den Ammoniten.

39.2431 *ARTHROPODA, INCLUDING INSECTA.*

Cockerell. 9851. Remarks on fossil insects.

39.5231 *VERTEBRATA.*

De Vis. 9876. Fossil Vertebrates from New Guinea.

Jaekel. 9988. Bau des Schädels.

39.5431 *PISCES.*

Deecke. 9865. Paläontologische Betrachtungen. IV. Über Fische.

Karpinsky. 10000. On *Helicoprion* and other Edestidae.

f **AFRICA.**

Hennig. 9967. Über neuere Funde fossiler Fische aus Aequatorial- und Südafrika und ihre palaeogeographische Bedeutung.

g **NORTH AMERICA.**

gi **Western United States.**

Jordan and Beal. 9998. Supplementary notes on fossil sharks.

39.5631 *REPTILIA AND BATRACHIA.*

Broili. 9814. Unser Wissen über die ältesten Teträpoden.

Broom. 9816. Structure of the mandible in the Stegocephalia.

Brown. 9823. The manus of trachodont Dinosaurs.

De Vis. 9873. Extinct lizard.

Williston. 10262. The primitive structure of the mandible in amphibians and reptiles.

39.5831 *AVES.*

d **EUROPE.**

df **France.**

Paris. 10116. Oiseaux fossiles de France.

i **AUSTRALIA.**

De Vis. 9876. Extinct avifauna of Australia.

39.6031 *MAMMALIA.*

De Vis. 9874. Bones of *Thylacoleo*.

Osborn. 10111. Craniometry of the Equidae.

d EUROPE.*dbb* Southern Russia.

Chomenko. 9841. *Camelus bessarabiensis* und andere fossile Formen Süd-Bessarabiens.

g NORTH AMERICA.

Scott. 10171. A history of land mammals in the Western hemisphere.

h CENTRAL AND SOUTH AMERICA.

Scott. 10171. A history of land mammals in the Western hemisphere.

45.0231 PALAEOZOOLOGIA.

g NORTH AMERICA.*gc* Canadian Dominion West.

Walcott. 10249. Cambrian geology and paleontology. 2. No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada.

45.2031 BRACHIOPODA AND BRYOZOA.

Green. 9947. The development of a Carboniferous Brachiopod, *Chonetes granulifer* Owen.

45.2231 MOLLUSCA.

Etheridge. 9896. *Halysites* in Palaeozoic rocks of Queensland.

50 LOWER PALAEOZOIC.

50.0231 PALAEOZOOLOGIA.

d EUROPE.*dh* Italy.

Pilotti. 10132. Fossili nei calceschisti dell'Iglesiente.

Vinassa de Regny. 10240. Rilevamento nelle tavolette di Paluzza e Prato-Carnico (Alpi Venete).

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

Weller. 10251. A report on Ordovician fossils collected in eastern Asia in 1903-1904.

g NORTH AMERICA.*gc* Canadian Dominion West.

Walcott. 10249. Cambrian geology and paleontology. 2. No. 11. New Lower Cambrian subfauna. Cambrian geology and paleontology. 2. No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada.

gk Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

i AUSTRALIA.*if* Victoria.

Chapman. 9832. Silurian fossils from Whittlesea.

50.0431 PROTOZOA.

e ASIA.*eb* CHINA AND DEPENDENCIES.

Walcott. 10248. The Cambrian faunas of China.

50.0631 PORIFERA.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

50.0831 COELENTERATA.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

g NORTH AMERICA.*gk* Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

i AUSTRALIA.*if* Victoria.

Hart. 9957. Graptolite beds at Daylesford.

50.1031 ECHINODERMATA.

Clark. 9844. Cambrian holothurians.

g NORTH AMERICA.*gi* Western United States.

Bassler. 9781. Notes on an unusually fine slab of fossil crinoids.

gh Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

50.1831 VERMES.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

Weller. 10251. A report on Ordovician fossils collected in eastern Asia in 1903-4.

g NORTH AMERICA.*gk* Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

50.2031 BRACHIOPODA INCL.
BRYOZOA (POLYZO-A).

Clarke. 9845. Cambrian Brachiopoda.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

Weller. 10251. A report on Ordovician fossils collected in eastern Asia in 1903-4.

g NORTH AMERICA.

Henning. 9971. Die Brachiopoden des Kambriums von Nord-amerika.

gc Canadian Dominion West.

Walcott. 10249. Cambrian geology and paleontology. 2. No. 11. New Lower Cambrian subfauna.

gg North-Eastern United States.

Williams. 10261. New species of Silurian fossils from the Edmunds and Pembroke formations of Washington county, Maine.

gk Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

i AUSTRALIA.*if* Victoria.

Chapman. 9834. Some Silurian Brachiopoda in the National Museum.

50.2231 MOLLUSCA.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

Weller. 10251. A report on Ordovician fossils collected in eastern Asia in 1903-04.

g NORTH AMERICA.*gg* North-Eastern United States.

Williams. 10261. New species of Silurian fossils from the Edmunds and Pembroke formations of Washington county, Maine.

gk Mississippi River System as a whole.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

i AUSTRALIA.*if* Victoria.

Pritchard. 10138. A new bivalve from the Lilydale quarries, *Lucina* (*Pro-lucina*) *mitchelli*.

50.2631 CRUSTACEA.

Bonnema. 9802. The orientation of the shells of *Beyrichia tuberculata* Klöden sp.

e ASIA.*eb* China and Dependencies.

Walcott. 10248. The Cambrian faunas of China.

g NORTH AMERICA.*gk* Mississippi River System.

Savage. 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.

50.2831 *XIPHOSURA.**e* ASIA.*eb* China and Dependencies.**Walcott.** 10248. The Cambrian faunas of China.**Weller.** 10251. A report on Ordovician fossils collected in eastern Asia in 1903-4.*g* NORTH AMERICA.**Barton.** 9778. A new genus of the Cheiruridae, with descriptions of some new species.**Raymond and Barton.** 10146. A revision of the American species of *Ceratrus*.*gc* Canadian Dominion West.**Walcott.** 10249. Cambrian geology and paleontology. 2. No. 11. New Lower Cambrian subfauna.*gg* North-Eastern United States.**Kindle.** 10005. The age of the Eurypterids of Kokomo, Indiana.**Walcott.** 10249. Cambrian geology and paleontology. 2. No. 11. New Lower Cambrian subfauna.*gi* Western United States.**Slocum.** 10191. New Trilobites from the Maquoketa beds of Fayette county, Iowa.*gk* Mississippi River System as a whole.**Savage.** 10157. Stratigraphy and paleontology of the Alexandrian series in Illinois and Missouri.*h* CENTRAL AND SOUTH AMERICA.*hg* Bolivia.**Groth.** 9951. Surquelques Trilobites du Dévonien en Bolivie.*i* AUSTRALIA.*if* Victoria.**Chapman.** 9833. Trilobite remains from North Gippsland.

50.5431 LOWER PALAEOZOIC.

g NORTH AMERICA.*gi* Western United States.**Cockerell.** 9847. Ordovician (?) fish remains in Colorado.

55 UPPER PALAEOZOIC.

55.0231 PALAEOZOOLOGIA GENERALIS.

d EUROPE.*ddb* Southern Russia.**Lisicyn.** 10044. Bericht über geologische Untersuchungen im Donschen Bassin- und Moskauer Kohlenbecken.*de* German Empire.**Rübenstrunk.** 10153. Über riffbauende Tiere und andere erdgeschichtliche Beobachtungen im Thüringischen Zechstein-Riffgebiet.*dl* LUXEMBURG.**Leidhold.** 10033. Die Quarzite von Berlé in Luxemburg, ihre Verbreitung und stratigraphische Stellung.*dh* Italy.**Gortani.** 9939, 9940. Sopra la fauna mesodevonica di Monumenz in Carnia.*e* ASIA.*eb* China and Dependencies.**Girty.** 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.**Krenkel.** 10022. Faunen aus dem Unterkarbon des südlichen und östlichen Tian-Schan.*g* NORTH AMERICA.*gg* North-Eastern United States.**Condit.** 9855. Conemaugh formation in Ohio.**Mark.** 10053. The fossils of the Conemaugh formation in Ohio.**Savage.** 10158. The Grand Tower (Onondaga) formation of Illinois and its relation to the Jeffersonville beds of Indiana.*gi* Western United States.**Blackwelder.** 9792. New or little known Paleozoic faunas from Wyoming and Idaho.*h* SOUTH AMERICA.*hh* Brazil.**Kozłowski.** 10021. Fossiles dévoniens de l'état de Parana (Brésil).

AUSTRALIA.

ii Tasmania.

Dun. 9888 Marine fossils from the tasmanite spore beds of the Mersey River.

55.0431 PROTOZOA.

e ASIA.

eb China and Dependencies.

Deprat. 9870. Fusulinidés de Chine et d'Indo-Chine et classification des calcaires à Fusulines.

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-04.

ed French Indo-China.

Deprat. 9870. Fusulinidés de Chine et d'Indo-Chine et classification des calcaires à Fusulines.

55.0631 PORIFERA.

Swartz. 10224. Porifera of the Lower Devonian deposits of Maryland.

55.0831 COELENTERATA,
INCL. GRAPTOLITHOIDEA.

e ASIA.

eb China and Dependencies.

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.

g NORTH AMERICA.

gg North-Eastern United States.

Mark. 10053. The fossils of the Conemaugh formation in Ohio.

gh South-Eastern United States.

Clarke and Swartz. 9846. Coelenterata [of the Upper Devonian deposits of Maryland].

Prosser. 10140. Coelenterata [of the Middle Devonian deposits of Maryland].

Swartz. 10225. Coelenterata [of the Lower Devonian deposits of Maryland].

55.1031 ECHINODERMATA.

Schöndorf. 10163. Ueber *Onychaster*, einen Schlangensterne aus dem Karbon.

d EUROPE.

d_{bc} Central Russia.

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow in Gouvernement Nowgorod.

(κ-9180)

ASIA.

eb China and Dependencies.

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.

g NORTH AMERICA.

Schöndorf. 10162. *Palaeaster eucharis* Hall aus dem nordamerikanischen Devon.

gg North-Eastern United States.

Olsson. 10105. New and interesting fossils from the Devonian of New York.

gh South-Eastern United States.

Clarke and Swartz. Echinodermata [of the Upper Devonian deposits of Maryland].

Ohern. 10101. Crinoidea [of the Lower Devonian deposits of Maryland].

Schuchert 10167. Cystoidea [of the Lower Devonian deposits of Maryland].

55.1831 VERMES.

g NORTH AMERICA.

gh South-Eastern United States.

Clarke and Swartz. 9846. Vermes [of the Upper Devonian deposits of Maryland].

Kindle. 10006. Vermes [of the Middle Devonian deposits of Maryland].

Ohern. 10102. Vermes [of the Lower Devonian deposits of Maryland].

55.2031 BRACHIPODA, INCL.
BRYOZOA (POLYZOA).

d EUROPE.

d_{bc} Central Russia.

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow im Gouvernement Nowgorod.

d_{bc} Ural.

Frederichs. 9914. Bemerkung über einige oberpalaeozoische Fossilien von Krasnoufimsk.

dc German Empire.

Leidhold. 10032. Vorkommen von Fossilien in den Hunsrückschiefern der Gegend nördlich von Oberstein.

e ASIA.

eab East Siberia.

Tolmačev. 10229. Matériaux pour la connaissance des dépôts paléozoïques de la partie N.E. de la Sibérie.

eb **China and Dependencies.**

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.

Krenkel. 10022. Faunen aus dem Unterkarbon des südlichen und östlichen Tian-Schan.

g **NORTH AMERICA.***gc* **Canadian Dominion West.**

Shimer. 10178. Spiriferoids of the Lake Minnewanka section, Alberta.

gg **North-Eastern United States.**

Mark. 10053. The fossils of the Conemaugh formation in Ohio.

gh **South-Eastern United States.**

Clarke and Swartz. 9846. Brachiopoda [of the Upper Devonian deposits of Maryland].

Prosser and Kindle. 10141. Brachiopoda [of the Middle Devonian deposits of Maryland].

Schuchert. 10168. Brachiopoda [of the Lower Devonian deposits of Maryland].

Ulrich and Bassler. 10238. Bryozoa [of the Lower and Middle Devonian deposits of Maryland].

gi **Western United States.**

Blackwelder. 9792. New and little known Paleozoic faunas from Wyoming and Idaho.

55.2231 MOLLUSCA.*d* **EUROPE.***dbc* **Central Russia.**

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow im Gouvernement Nowgorod.

df **France.**

Depéret et Mazeran. 9869. Les *Estheria* du Permien d'Autun.

dk **Austria-Hungary.**

Katzer. 10001. Die Braunkohlenablagerung von Banjaluka in Bosnien.

e **ASIA.***eab* **East Siberia.**

Tolmačev. 10229. Matériaux pour la connaissance des dépôts paléozoïques de la partie N.E. de la Sibérie.

eb **China and Dependencies.**

Deprat et Mansuy. 9871. Étude géologique du Yun-nan oriental. III^e Partie: Étude des Fusulinidées de Chine et d'Indo-Chine et classification des calcaires: Fusulines par J. Deprat.

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.

ed **FRENCH INDO-CHINA.**

Deprat et Mansuy. 9871. Étude géologique du Yun-nan oriental. III^e Partie: Étude des Fusulinidées de Chine et d'Indo-Chine et classification des calcaires: Fusulines par J. Deprat.

g **NORTH AMERICA.***gg* **North-Eastern United States.**

Mark. 10053. The fossils of the Conemaugh formation in Ohio.

gh **South-Eastern United States East of Mississippi.**

Clarke and Swartz. 9846. Mollusca [of the Upper Devonian deposits of Maryland].

Obern and Maynard. 10103. Mollusca [of the Lower Devonian deposits of Maryland].

Prosser and Kindle. 10142. Mollusca [of the Middle Devonian deposits of Maryland].

gi **Western United States.**

Blackwelder. 9792. New or little known Paleozoic faunas from Wyoming and Idaho.

55.2431 ARTHROPODA, INCLUDING INSECTA.*d* **EUROPE.***df* **France.**

Pruvost. 10091. Les Insectes houillers du nord de la France.

g **NORTH AMERICA.***gg* **North-Eastern United States.**

Savage. 10156. Some interesting new species of Arthropods from Devonian strata of Illinois.

55.2631 CRUSTACEA.

Andrée. 9767. Weiteres über das carbonische Arthrostraken-Genus *Arthropleura* Jordan.

e ASIA.
eb China and Dependencies.

Girty. 9934. A report on Upper Paleozoic fossils collected in China in 1903-4.

g NORTH AMERICA.
gg North-Eastern United States.

Haynes. 9964. Discovery of bivalve Crustacea in the Coal-measures near Pawtucket, R.I.

gh South-Eastern United States.

Kindle. 10007. Ostracoda [of the Middle Devonian deposits of Maryland].

Ulrich and Bassler. 10238. Ostracoda [of the Lower Devonian deposits of Maryland].

55.2831 XIPHOSURA
EURIPTERIDA TRILOBITA.

Richter. 10150. Devonische Trilobiten. (2. Oberdevonische Proetiden.)

e ASIA.
eb China and Dependencies.

Girty. A report on Upper Paleozoic fossils collected in China in 1903-4.

g NORTH AMERICA.
gh South-Eastern United States.

Clarke and Swartz. 9846. Trilobita [of the Upper Devonian deposits of Maryland].

Ohern and Maynard. 10104. Trilobita [of the Lower Devonian deposits of Maryland].

Prosser and Kindle. 10143. Trilobita [of the Middle Devonian deposits of Maryland].

55.3031 ARACHNIDA.

g NORTH AMERICA.
Petrunkévitch. 10129. A monograph of the terrestrial Palaeozoic Arachnida of North America.

55 5431 PISCES.

d EUROPE.
dbe Ural.

Frederichs. 9914. Bemerkung über einige oberpalaeozoische Fossilien von Krasnoufimsk.

(κ-9180)

f AFRICA.
fg South Africa.

Broom. 9817. On some fossil fishes from the diamond-bearing pipes of Kimberley.

g NORTH AMERICA.
gf United States as a whole.

Hussakof. 9983. Descriptions of four new Palaeozoic fishes from North America.

gh South-Eastern United States.

Eastman. 9891. Brain structures of fossil fishes from the Caney shales.

Swartz. 10226. Pisces [of the Upper Devonian deposits of Maryland].

gi Western United States.

Martin. 10055. Notice of a new fish from the Permian of Kansas, with description.

55.5631 REPTILIA AND
BATRACHIA.

d EUROPE.
df France.

Delage. 9866. Empreintes de pieds de grands quadrupèdes dans le Permien inférieur de l'Hérault.

f AFRICA.
fg South Africa.

Broom. 9815. A review of recent advances in South African vertebrate paleontology.

g NORTH AMERICA.
gg North-Eastern United States.

Moodie. 10088. The Pennsylvanian Amphibia of the Mazon creek, Illinois, shales.

gi Western United States.

Moodie. 10086. Vertebrate footprints in the Lower Permian of Kansas.

Williston. 10263. An ancestral lizard from the Permian of Texas.

60 MESOZOIC (GENERAL).

60.0231 PALAEOZOOLOGIA.

d EUROPE.
dbe Central Russia.

Lisicyn. 10044. Bericht über geologische Untersuchungen im Donschen Bassia und Moskauer Kohlenbecken.

60.0431 *PROTOZOA.*

Schubert. 10164. Beitrag zur fossilen Foraminiferenfauna von Celebes.

60.2231 *MOLLUSCA.*

d **EUROPE.**

de **German Empire.**

Rollier. 10152. Fossiles nouveaux ou peu connus des terrains secondaires du Jura.

df **France.**

Rollier. 10152. Fossiles nouveaux ou peu connus des terrains secondaires du Jura.

di **Switzerland.**

Rollier. 10152. Fossiles nouveaux ou peu connus des terrains secondaires du Jura.

dk **Austria-Hungary.**

Geyer. 9925. Ueber den geologischen Bau der Warscheneckgruppe im Toten Gebirge.

65 **TRIASSIC.****65.0231** *PALAEZOLOGIA GENERALIS.*

d **EUROPE.**

dc **German Empire.**

Hohenstein. 9976. Beiträge zur Kenntnis des mittleren Muschelkalks und des unteren Trochitenkalks am östlichen Schwarzwaldrand.

dh **Italy.**

Tommasi. 10230. I fossili della lumachella triasica di Ghegna in Valsecca presso Romobello. Parte prima: Algae, Anthozoa, Brachiopoda, Lamellibranchiata.

65.0431 *PROTOZOA.*

d **EUROPE.**

dk **Austria-Hungary.**

Heinrich. 9966. Mikrofauna des Hallstätter Kalkes.

65.2031 *BRACHIOPODA AND BRYOZOA.*

Diener. 9880. Triassic fauna of Kashmir.

d **EUROPE.**

dc **German Empire.**

Wagner. 10244. Stratigraphie und Bildungsgeschichte des oberen Hauptmuschelkalks u. d. unteren Lettenkohle in Franken.

dk **Austria-Hungary.**

Bittner. 9791. Die Brachiopoden des Trias in Bakony. (Ungarisch.)

Frech. 9913. Neue Lamellibranchiaten und Brachiopoden aus dem Bakonyer Trias. (Ungarisch.)

65.2231 *MOLLUSCA.*

Kittl. 10008. Beiträge zur Monographie der Halobiiden und Monotiden des Trias. (Ungarisch.)

d **EUROPE.**

dbd **Caucasus.**

Wittenburg. 10267. La forme caracteristique de *Pseudomonotis* du trias supérieur du Caucase et d'Alaska.

dh **Italy.**

Airaghi. 9763. Ammoniti degli Schisti bituminosi di Besano in Lombardia.

dk **Austria-Hungary.**

Bittner. 9790. Lamellibranchiaten aus dem Bakonyer Trias. (Ungarisch.)

Frech. 9113. Neue Lamellibranchiaten und Brachiopoden aus dem Bakonyer Trias. (Ungarisch.)

Kittl. 10009. Gastropoden aus dem Bakonyer Trias. (Ungarisch.)

Koken†. 10018. Schichten von Heiligenkreuz (Abteital, Südtirol).

e **ASIA.**

ef **British India.**

Diener. 9880. Triassic fauna of Kashmir.

g **NORTH AMERICAN.**

ga **Alaska and Aleutian Islands.**

Wittenburg. 10267. La forme caracteristique de *Pseudomonotis* du trias supérieur du Caucase et d'Alaska.

65.2631 *CRUSTACEA.*

d **EUROPE.**

dc **German Empire.**

Stierlin. 10214. Wellenkalk im südlichen Breisgau.

65.5631 *REPTILIA ET
BATRACHIA.*

d **EUROPE.**

dc **German Empire.**

Fraas. 9910. Die neuesten Dinosaurierfunde in der schwäbischen Trias. 9911: Neue Labyrinthodonten aus der schwäbischen Trias.

dk **Austria-Hungary.**

Koken. 10018. Schichten von Heiligenkreuz (Abteital, Südtirol).

f **AFRICA.**

fg **South Africa.**

Broom. 9815. A review of recent advances in South African vertebrate paleontology.

g **NORTH AMERICA.**

gg **North-Eastern United States.**

Huene. 9981. A new Phytosaur from the Palisades near New York.

70 JURASSIC.

70.0231 *PALAEOZOOLOGIA
GENERALIS.*

d **EUROPE.**

dc **German Empire.**

Salfeld. 10155. Die zoo-geographische Stellung des süddeutschen oberen Juras.

df **France.**

Petclerc. 10128. Bathonien supérieur (Bradfordien) de Trésilley, canton de Rioz (Haute-Saône).

dh **Italy.**

Fucini. 9917. Fossili nuovi o interessanti del Batoniano del Sarcidano di Laconi in Sardegna.

h **CENTRAL AND SOUTH AMERICA.**

hi **Patagonia.**

Sokolov. 10193. Quelques fossiles du jurassique supérieur de l'Argentine.

i **AUSTRALIA.**

ia **New Guinea with Waigou,
Misol and Aru Islands.**

Sorgel. 10192. Lias und Dogger von Jetibe und Fialpope (Misólarchipel).

70.0831 *COELENTERATA.*

Volz. 10243. Oberer Jura in West-Sumatra.

70.1031 *ECHINODERMATA.*

Pia. 10130. Ueber eine mittelliasische Cephalopodenfauna aus dem nordöstlichen Kleinasien.

70.2031 *BRACHIOPODA AND
BRYOZOA.*

d **EUROPE.**

dh **Italy.**

Toni (De). 10233. La fauna liasica di Vedana (Belluno). Parte prima: Brachiopodi.

70.2231 *MOLLUSCA.*

Favre. 9900. Les Opelia du Jurassique moyen.

d **EUROPE.**

ddb **Southern Russia.**

Cytovič. 9860. Sur quelques ammonites calloviens de la Crimée et du Mangyschlag.

dbc **Central Russia.**

Sokolov. 10195. Types et paratypes de C. F. Rouiller et G. A. Trautschold dans la collection de Fahrenkol provenant de Galieva.

dbd **Caucasus.**

Renz. 10148. Zur Geologie des östlichen Kaukasus.

df **France.**

Dareste de la Chavanne. 9863. Monographie paléontologique d'une faune de l'Infralias du Nivernais méridional.

dg **Spain.**

Meister. 10063. Ammonitenfauna des portugiesischen Lias.

dh **Italy.**

Fabiani. 9897. Fauna dei calcari grigi della valle dal Chiampo. (Vicenza.)

Fucini. 9918. Alcune interessanti Ammoniti di Pioraco nello Appennino centrale. 9919: Lo Schiarmuziano superiore nella valle di Fiastrone presso Bologna.

Gemmellaro. 9921. Sui fossili degli strati a *Terebratula Aspasia* della contrada

Rocche-rosse presso Galati (Messina),
Cefalopodi, Gastropodi.

Tonide. 10233. La fauna liasica di
Vedana (Belluno).

dk **Austria-Hungary.**

Haas. 9952. Die Fauna des mittleren
Lias von Belluno in Südtirol.

e **ASIA.**

cab **East Siberia.**

Sokolov. 10194. Aucellen aus dem
Norden und Osten von Sibirien. 10196:
Fr. Schmidt's Fossiliensammlungen aus
dem Amurlande.

caac **Central Asiatic Russia.**

Cytovič. 2860. Sur quelques am-
monites calloviens de la Crimée et du
Mangyschlak.

ei **Asiatic Turkey.**

Pia. 10130. Ueber eine mittelliasische
Cephalopodenfauna aus dem nordöstlichen
Kleinasien.

g **NORTH AMERICA.**

gi **Western United States.**

Davis. 9864. New species from the
Santa Lucia mountains, California, with a
discussion of the Jurassic age of the slates
at Slate's springs.

k **ARCTIC.**

kb **Greenland.**

Ravn. 10145. On Jurassic and Cre-
taceous fossils from North-East Greenland,
1911.

l **ATLANTIC.**

lb **Cape Verde.**

Hennig. 9968. Aptychen von den
Cap Verdeschen Inseln.

70.2631 **CRUSTACEA.**

Méhes. 10062. Fossile Ostracoden
aus Asien.

70.5431 **PISCES.**

d **EUROPE.**

abc **Central Russia.**

Bogoljubov. 9799. Les vestiges de
Chimérides dans le Portlandien de Moscou.

70.5631 **REPTILIA ET
BATRACHIA.**

d **EUROPE.**

db **Russian Empire.**

Bogoljubov. 9798. Note sur les
plésiosaures du Jura supérieur de la Russie.

dba **Northern Russia.**

Riabinin. 10149. Vertèbres d'un
ichtyosaure du kimmeridge de Peçora.

dc **Germany.**

Stromer. 10219. Rekonstruktionen
des Flugsauriers *Rhamphorhynchus Gem-
mingi* H. v. M.

g **NORTH AMERICA.**

gi **Western United States.**

Osborn. 10109. Crania of *Tyranno-
saurus* and *Allosaurus*.

75 **CRETACEOUS.**

75.0231 **PALAEOZOOLOGIA
GENERALIS.**

d **EUROPE.**

dc **German Empire.**

Scupin. 10172. Die Löwenberger
Kreide und ihre Fauna.

h **SOUTH AMERICA.**

hf **Peru.**

Sommermeier. 10199. Die Fauna
des Aptien und Albien im nördlichen Perú.

75.0431 **PROTOZOA.**

d **EUROPE.**

dc **German Empire.**

Franke. 9912. Die Foraminiferen
der Kreideformation des Münsterschen
Beckens.

75.0631 **PORIFERA.**

d **EUROPE.**

dc **German Empire.**

Felix. 9902. Über ein cretaceisches
Geschiebe mit *Rhizocorallium Gläseli* n. sp.
aus dem Diluvium bei Leipzig.

Laurent. 10027. Beiträge zur Kennt-
nis der westfälischen Kreide [Horn-
schwämme, *Radiolites*].

g **NORTH AMERICA.***gg* **North-Eastern United States.**

Shimer and Powers. 10179. A new sponge from the New Jersey Cretaceous.

75.0831 *COELENTERATA, INCLUDING GRAPTOLITHOIDEA.**e* **ASIA.***ei* **Asiatic Turkey.**

Felix. 9908. Die Korallen der Kreideformation von Palästina und Syrien.

75.1031 *ECHINODERMATA.**d* **EUROPE.***d* **France.**

Lambert. 10026. Échinides recueillis dans l'étage Albien de Sancerre.

Savin. 10159. Revision des Echinides du département de l'Isère.

75.2031 *BRACHIOPODA, INCLUDING BRYOZOA (POLYZOA).**d* **EUROPE.***da* **Scandinavia.**

Levinsen. 10034. Studies on the Cyclostomata Operculata.

df **France.**

Levinsen. 10035. Studies on the Cyclostomata Operculata.

75.2231 *MOLLUSCA.*

Bordage. 9803. Sur une ammonite géante trouvée à Saint-Georges des Coteaux (Charente-Inférieure).

de **German Empire.**

Laurent. 10027. Beiträge zur Kenntnis der westfälischen Kreide [Hornschwämme, *Radiolites*].

df **France.**

Jadot. 9987. Quelques remarques du *Inoceramus involutus* Sow. du Crétacé supérieur.

Meunier. 10076. *Inoceramus* de la craie blanche du Pas-de-Calais; phénomènes géologiques dont il a conservé des traces.

dh **Italy.**

Klinghardt. 10011. Vergleichend-anatomische und biologische Untersuchungen einer neuen Rudistenfauna aus Friaul.

Parona. 10117. Sulla presenza del Turoniano nel Monte Conero. 10117A: Le Rudiste del Senoniano di Ruda sulla costa meridionale dell'Isola di Lissa. 10118: Per lo studio del Neocretaceo del Friuli occidentale. 10119: Nuovi studi delle Rudiste dello Appennino (Radiolitidi).

e **ASIA.***eab* **East Siberia.**

Sokolov. 10194. Aucellen aus dem Norden und Osten von Sibirien. 10196: Fr. Schmidt's Fossilien Sammlungen aus dem Amurlande.

eac **Central Asiatic Russia.**

Nackij. 10092. Die Zone mit *Hoplites* (*Leymeriella*) *tardefurcatus* Leym. au Mangyschak.

f **AFRICA.***fa* **Mediterranean States.**

Pervinquière. 10126. Gastropodes et Lamellibranches des terrains crétacés.

ff **East Africa.**

Zwierzycki. 10275. Untere Kreide in Portugiesisch-Mozambique.

k **ARCTIC.***kb* **Greenland.**

Ravn. 10145. On Jurassic and Cretaceous fossils from North-east Greenland 1911.

75.5431 *PISCES.*

Green. 9946. A description of the specimens of the Teleostean genus *Enchodus* in the University of Kansas museum.

d **EUROPE.***dh* **Italy.**

Erasmò (D'). 9893. Sopra alcuni avanzi di pesci cretacei della provincia di Lecce. 9894: Risultati ottenuti dallo studio di alcuni Actinopterigi del calcare cretaceo di Pietraraja in provincia di Benevento.

e **ASIA.***eh* **Persia.**

Priem. 10136. Poissons fossiles de Perse.

g **North America.**

Hussakof. 9982. The Cretaceous Chimaeroids of North America.

gi **Western United States.**

Gidley. 9930. Some new American Pycnodont fishes.

75 5631 *REPTILIA ET
BATRACHIA.**d* **EUROPE.***db* **Russian Empire and Russia
in Europe.**

Bogoljubov. 9801. La présence de l'*Elasmosaurus* et du *Polycotilus* dans les dépôts de la Russie.

dbb **Southern Russia.**

Borisjak. 9804. Les restes d'un crocodile de l'étage supérieur du crétacé de la Crimée.

dbc **Central Russia.**

Bogoljubov. 9797. Restes de mosasauriens trouvés dans le gouvernement d'Orenbourg. (Russe av. rés. fr.) 9800: Vertèbre présumée de Dinosaurien du gouv. d'Orenbourg.

dl **Balkan Peninsula.**

Simionescu. 10187. *Megalosaurus* aus der Unterkreide der Dobrogea (Rumänien).

f **AFRICA.***ff* **East Africa.**

Schuchert. 10166. The Dinosaurs of East Africa.

g **NORTH AMERICA.***gc* **Canadian Dominion West.**

Brown. 9822. A crested Dinosaur from the Edmonton Cretaceous.

gi **Western United States.**

Gilmore. 9932. A new Dinosaur from the Lance formation of Wyoming.

Osborn. 10109. Crania of *Tyrannosaurus* and *Allosaurus*. 10110: Integument of the iguanodont dinosaur *Trachodon*. 10112: *Tyrannosaurus*, restoration and model of the skeleton.

Williston and Moodie. 10264. New Plesiosaurian genus from the Niobrara Cretaceous of Nebraska.

80 CAENOZOIC.**80.0231** *PALAEOZOOLOGIA.**d* **EUROPE.***dk* **Austria-Hungary.**

Winkler. 10266. Untersuchungen zur Geologie und Paläontologie des steirischen Tertiärs. Studie über Verbreitung und Tektonik des Miocäns von Mittelsteiermark.

f **AFRICA.***fb* **North-East Africa.**

Kleibelsberg. 10010. Beiträge zur Kenntnis der alttertiären Evertebraten-Fauna Agyptens.

fg **South Africa.**

Böhm u. Weissermel. 9796. Über tertiäre Versteinerungen von den Bogenfelder Diamantfeldern.

h **CENTRAL AND SOUTH AMERICA.***hc* **West Indian Islands.**

Brown. 9820. Geology of the island of Antigua.

i **AUSTRALIA.***if* **Victoria.**

Chapman. 9835. Fossils obtained by deep boring in the Mallee, Victoria.

80.0431 *PROTOZOA.**d* **EUROPE.***dh* **Italy.**

Dervieux. 9872. Revisione delle Lagene terziarie piemontesi.

Silvestri. Distribuzione geografica e geologia di due Lepidocycline comuni nel terziario italiano.

e **ASIA.***eg* **Malay Peninsula.**

Schubert. 10164. Beitrag zur fossilen Foraminiferenfauna von Celebes.

80.0631 *PORIFERA.*

Chapman. 9831. Some new Spongida in the National Museum.

80 0831 *COELENTERATA.**if* **Victoria.**

Chapman. 9831. New Anthozoa in the National Museum.

80.1031 ECHINODERMATA.*d* **EUROPE.**

Stefanini. 10208. Note echinologiche.

df **France.**

Lambert. 10025. Description des Echinides des terrains néogènes du bassin du Rhône.

g **NORTH AMERICA.***gf* **United States as a whole.**

Stefanini. 10209. Sugli echini terziari dell' America del Nord.

i **AUSTRALIA.***if* **Victoria.**

Chapman. 9831. Little known Echinoidea in the National Museum.

80.2031 BRACHIOPODA.*i* **AUSTRALIA.***if* **Victoria.**

Maplestone. 10051. Tertiary Polyzoa of Victoria (n. spp.).

80.2231 MOLLUSCA.**Boury.** 9807. *Scalavia* vivants et fossiles du muséum de Paris.*d* **EUROPE.***dc* **German Empire.****Wenz.** 10252. Die Arten der Gattung *Hydrobia* im Manzer Becken.*dh* **Italy.****Oppenheim.** 10107. Bemerkungen zu W. Kranz: „Das Tertiär zwischen Castelgomberto, Montecchio maggiore, Creazzo und Monteviale im Vicentin“ und Diskussion verschiedener dort berührter Fragen, zumal der Stellung der Schioschichten und der Grenze zwischen Oligocän und Miocän.*dk* **Austria-Hungary.****Benesch.** 9782. Ueber einen neuen Aufschluss im Tertiärbecken von Rein, Steiermark.**Toula.** 10234. Die Brunnentiefbohrungen der Staatseisenbahngesellschaft (1839-1845 und 1909).*g* **NORTH AMERICA.***gi* **Western United States.****Cockerell and Henderson.** 9854. Mollusca from the Tertiary strata of the west.*i* **AUSTRALIA.***ik* **New Zealand and neighbouring Islands.****Suter.** 10221. New species of Tertiary mollusca.**80.2431 ARTHROPODA.****Calvert.** 9826. The fossil odonate *Thenacolestes*, with a discussion of the venation of the legion *Podagrion selys*.**80.2631 CRUSTACEA.***e* **ASIA.***ei* **Asiatic Turkey.****Méhes.** 10063. Fossile Ostracoden aus Asien. (Ungarisch u. deutsch.)**80.5431 PISCES.***e* **ASIA.***eh* **Persia.****Priem.** 10136. Poissons fossiles de Perse.**80.5631 REPTILIA ET BATRACHIA.***d* **EUROPE.***dk* **Austria-Hungary.****Teppner.** 10227. Südsteirische *Trionyx*-Reste im Kärntner Landesmuseum in Klagenfurt.**80.5831 AVES.***g* **NORTH AMERICA.***gi* **Western United States.****Shufeldt.** 10182. Fossil feathers and some heretofore undescribed fossil birds.**80.6031 MAMMALIA.****Giuffrida-Ruggeri.** 9935. L'uomo primordiale come tipo indifferenziato; a proposito di *H. philippinensis* (Beau.).**Hoernes.** 9974. L'uomo: Storia naturale e preistoria.**Kafka.** 9999. Rezente und fossile Ungulata Bohmens. 1. Proboscidea. 2. Perissodactyla.**Morselli.** 10089. Lezioni su l'uomo secondo la teoria della evoluzione (antropologia generale).**Sergi.** 10176. L'uomo secondo le origini, l'antichità, le variazioni e la distribuzione geografica.

Sollas. 10197. The evolution of man.

Stefanescu. 10203. Phylogénie de la couronne des molaires de Mastodontes et d'Eléphants. 10204: Ramification des tubercules dentaires des molaires d'*Elephas*, de *Stegodon* et de *Mastodon*.

g NORTH AMERICA.

gi Western United States.

Lindgren. 10043. The Tertiary gravels of the Sierra Nevada of California.

Merriam. 10068. Tapir remains from late Cenozoic beds of the Pacific coast region.

h CENTRAL AND SOUTH AMERICA.

Sera. 10174. Sull'uomo fossile sud-americano.

hi Argentina.

Bluntschli. 9795. Die fossilen Affen Patagoniens und der Ursprung der platyrrhinen Affen.

85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

85.0231 PALAEOZOOLOGIA GENERALIS.

g NORTH AMERICA.

gi Western United States.

Dickerson. 9878. Fauna of the Eocene at Marysville buttes, California.

85.0831 COELENTERATA, INCLUDING GRAPTOLITHOIDEA.

g NORTH AMERICA.

gi Western United States.

Dickerson. 9878. Fauna of the Eocene at Marysville buttes, California.

85.1031 ECHINODERMATA.

i AUSTRALIA.

if Victoria.

Pritchard. 10137. On the occurrence of the genus *Linthia* in Victoria, with description of a new species.

85.2031 BRACHIOPODA AND BRYOZOA.

d EUROPE.

df France.

Canu. 9829. Les Bryozoaires fossiles des terrains du sud-ouest de la France.

85.2231 MOLLUSCA.

d EUROPE.

df France.

Brunati. 9824. Il genere *Belo-sepiella* De Alessandri.

Doncieux. 9881. Revision de la faune lacustre de l'Éocène moyen des Corbières septentrionales.

Durand. 9889. Coquilles fossiles en inclusion dans les cristaux de gypse limpide de l'Oligocène de Narbonne.

e ASIA.

eac Central Asiatic Russia.

Bajarunas. 9775. Unteroligocän-Ablagerungen des Mangyschlaks.

Dylevskaja. 9890. *Ostrea rarilamella* de l'Éocène inférieur de Manguichlak.

ek Caspian.

Michajlovskij. 10077. Ueber einige neue oder seltene Conchylien aus dem Tertiär am Nordufer des Aralsees.

g NORTH AMERICA.

gi Western United States.

Dickerson. 9878. Fauna of the Eocene at Marysville buttes, California.

h CENTRAL AND SOUTH AMERICA.

hc West Indian Islands.

Brown. 9820. Geology of the island of Antigua.

i AUSTRALIA.

ii Tasmania.

Pritchard. 10139. Fossil Volutes from Table Cape, Tasmania.

85.2631 CRUSTACEA.

d EUROPE.

dh Italy.

Fabiani. 9899. Di una nuova specie di *Phlyctenodes* (*Phlyctenodes Dalpiazzi*) dell'Oligocene dei Berici.

85.5431 PISCES.

Jordan. 9997. *Ellimma*, a genus of fossil herrings.

d EUROPE.

dh Italy.

Stefano (De). 10212. Studio sui pesci fossili della pietra di Bismantova.

f AFRICA.*fb* North-East Africa.

Neumayer. 10097. Vergleichende Anatomie des Schädels eocäner und recenter Siluriden.

g NORTH AMERICA.*gi* Western United States.

Haseman. 9958. The relationship of the genus *Priscacara*.

i AUSTRALIA.*if* Victoria.

Chapman. 9837. Note on the occurrence of *Carcharoides* in Victoria.

85.5631 REPTILIA AND
BATRACHIA.*g* NORTH AMERICA.*gi* Western United States.

Lee. 10031. Recent discovery of Dinosaurs in the Tertiary.

85.6031 MAMMALIA.

Gidley. 9928. A recently mounted *Zeuglodon* skeleton in the United States National Museum.

Gregory. 9948. Relationship of the Tupaiidae and of Eocene Lemurs, especially *Notharctus*.

d EUROPE.*df* France.

Depéret. 9868. The Oligocene of the Roanne basin and its vertebrate fauna.

Laville. 10029. Le *Didelphis Cuvieri* Fischer de Sannois.

di Switzerland.

Stehlin. 10213. Die Säugetiere des schweizerischen Eocaens.

f AFRICA.*fb* North-East Africa.

Abel. 9759. Die eocänen Sirenen der Mittelmeerregion. Tl 1: Der Schädel von *Eotherium aegyptiacum*.

g NORTH AMERICA.*gi* Western United States.

Drevermann. 9885. *Sinopa rapax* Leidy.

Mathew. 10057. A zalambodont insectivore from the Basal Eocene.

90 UPPER CAENOZOIC
MIOCENE, PLIOCENE.90.0231 PALAEOZOOLOGIA
GENERALIS.*d* EUROPE.*dh* Italy.

Checchia-Rispoli. 9840. Sul Miocene di alcune regioni della Sicilia occidentale.

dl Balkan Peninsula.

Nelli. 10096. Il Pliocene dell' Isola di Citera.

90.0431 PROTOZOA.

Fornasini. 9909. Sulla nomenclatura di una *Cristellaria* Pliocenica.

d EUROPE.*df* France.

Lecoindre et Allix. 10030. Les formes diverses de la vie dans les faluns de la Touraine.

dh Italy.

Silvestri. 10184. La *Marginulina fissicostata* (Gümbel) del Pliocene della Farnesina.

e ASIA.*eg* Malay Archipelago.

Rutten. 10154. Studien über Foraminiferen aus Ost-Asien.

90.0831 COELENTERATA.

d EUROPE.*dh* Italy.

Brest. 9813. Corallari fossili di Angarano presso Ascoli-piceno.

e ASIA.*eg* Malay Peninsula.

Felix. 9904. Die fossilen Anthozoen aus der Umgebung von Trinil.

90.1031 ECHINODERMATA.

d EUROPE.*dh* Italy.

Lovisato. 10046. Note di Paleontologia miocenica sarda. Specie nuove di *Clypeaster* e di *Amphiope*. 10047, 10048: Nuove specie di *Clypeaster* del Miocene medio di Sardegna.

Stefanini. 10207. Di alcuni *Arbacia* fossili.

g **NORTH AMERICA.**

gi **Western United States.**

Pack. 10114. *Scutella norrisi* and *Scutaster andersoni*.

90.2231 MOLLUSCA.

d **EUROPE.**

ab **Russian Empire.**

Andrussoff. 9768. Studien über die Brackwassercardiden. *Didaena*.

———. 9769. Ueber einige Neritindiden aus neogenen Ablagerungen des pontocaspischen Gebietes.

abb **Southern Russia.**

Andrussoff. 9770. Die fossilen Bryozoenriffe der Halbinseln Kertsch und Taman.

Švec. 10222. Vorläufiger Bericht über eine Exkursion nach der Halbinsel Kertsch im Sommer 1908. 10223: Die Fauna der Tschokrak-Kalke der Halbinsel Kertsch.

dh **Italy.**

Brest. 9812. Alcune località fossilifere nei pressi di San Benedetto del Tronto.

Cerulli-Irelli. 9830. Fauna malacologica Mariana. Parte quinta: Gastropoda: Cancellariidae, Marginellidae, Mitridae, Fusidae, Chrysodomidae, Buccinidae, Nassidae, Columbellidae, Muricidae, Tritonidae, Cassididae, Cypraeidae, Chaenopidae.

Meli. 10064. Bivalvi fossili dei dintorni di Monte San Giovanni Campano in provincia di Roma. 10066: Monodonta fossile della Valle dell' Inferno [Roma]; specie di Trochidi dal Pliocene recente delle colline romane sulla destra del Tevere.

Nelli. 10095. Il postpliocene di Lampedusa.

Trentanove. 10237. I fossili tortoniani di Quarata nei monti livornesi.

dk **Austria-Hungary.**

Pávai-Vajna. 10121. Eine neue *Pholadomya* aus dem Miocän. (Ungarisch u. deutsch.)

g **NORTH AMERICA.**

gu **Alaska and Aleutian Islands.**

Gratacap. 9945. Unusual specimen of *Mytilus middendorffii* Grewingk, from Alaska.

gf **United States as a whole.**

Dall. 9862. Brackish water Pliocene fauna of the southern coastal plain.

h **CENTRAL AND SOUTH AMERICA.**

hb **Central America.**

Cossmann. 9856. Étude comparative des fossiles recueillis à la Martinique et à l'isthme de Panama.

hc **West Indian Islands.**

Cossmann. 9856. Étude comparative des fossiles recueillis à la Martinique et à l'isthme de Panama.

90.2431 ARTHROPODA, INCLUDING INSECTA.

g **NORTH AMERICA.**

gi **Western United States.**

Cockerell. 9848. The genera *Parotermes* and *Hodotermes*. 9849: The first fossil anthomyid fly from Florissant. 9849a: The genus *Pteryganea* (Trichoptera) in the Florissant shales. 9852: Some fossil insects from Florissant, Colorado. 9853: Two fossil insects from Florissant, Colorado, with a discussion of the venation of the Aeshnine dragon flies.

Wickham. 10256. The Princetown collection of fossil beetles from Florissant. 10257: Fossil Coleoptera from the Wilson ranch near Florissant, Colorado. 10258: Fossil Coleoptera from Florissant in the United States National Museum.

90.2631 CRUSTACEA.

d **EUROPE.**

df **France.**

Joleaud. 9995. Un nouveau cirripède pédonculé fossile, *Scillaelepus Cazioti*.

90.5231 VERTEBRATA.

d **EUROPE.**

dl **Balkan Peninsula.**

Abel. 9760. Die Tierwelt Griechenlands im Unterpliozän.

e **ASIA.**

eh **Persia.**

Mecquenem. 10061. Gisement des Vertébrés de Maragha.

90.5431

PISCES

d EUROPE.*dh* Italy.

Bassani. 9779. Sopra un Bericide del calcare miocenico di Lecce, di Rosignano-Piemonte, e di Malta (*Myripristis melitensis*, A. Smith Woodward sp.).

90.5631 REPTILIA AND
BATRACHIA.*d* EUROPE.*dh* Italy.

Misuri. 10079. Sopra un nuovo Trionichide dell' Arenaria miocenica del Bellunese. (*Trionyx bellunensis* Dal Piaz, in schedis.)

e ASIA.*eh* Persia.

Pilgrim. 10131. Bugti hills, Baluchistan, Crocodilia sp. n.

90.6031 MAMMALIA.

Merriam. 10071. Notes on the canid genus *Tephrocyon*.

Pilgrim. 10131. The vertebrate fauna of the Gaj series in the Bugti hills and the Punjab.

Stefanescu. 10202. Structure de la couronne des molaires d'éléphant. 10203: Phylogénie de la couronne des molaires de Mastodontes et d'Éléphants. 10204: Ramification des tubercules dentaires des molaires d'*Elephas*, de *Stegodon* et de *Mastodon*.

d EUROPE.*abb* Southern Russia.

Chomenko. 9842. Le *Mastodon arvernensis* Croiz. et Job. n. var. *progressor* des sables du Pliocène supérieur dans la Sud-Bessarabie.

dd Holland; Belgium.

Newton. 10098. Remains of *Ursus etruscus* (*U. arvernensis*) from the Pliocene deposits of Tegelen sur Meuse.

df France.

Ferronnière. 9905. *Hipparion gracile* de Christ à Martigné-Briand (Maine-et-Loire).

Genevaux. 9922. Curieuse anomalie dans la dentition du *Rhinoceros leptorhinus* Cuvier des sables pliocènes de Montpellier.

Giuffrida-Ruggeri. 9938. L'uomo mousteriano e l'ipotesi panantropoide.

dg Iberian Peninsula.

Hernandez-Pacheco. 9972. Mammifères miocènes de Palencia dans la Meseta espagnole.

dh Italy.

Blasio (De). 9793. Contributo allo studio della mammalogia fossile della Italia meridionale. 9794: I primi tempi della umanità in provincia di Avellino.

Mariani. 10052. Riavvenimento di avanzi di mammiferi nel sottosuolo di Milano.

Meli. 10065. Notizia di una zanna e di altri resti elefantini fossili descritti da Giambattista Passeri nel 1759, oggi conservati nella Biblioteca Oliveriana di Pesaro.

Napoli. 10093. Di alcuni rinvenimenti di fossili a Monteverde presso Roma.

Zuffardi. 10274. Resti di Alce rinvenuti nella pianura pavese.

dk Austria-Hungary.

Kormos. 10019. Trois nouvelles espèces fossiles des Desmans en Hongrie. 10020: *Sciurus gibberosus* Hofm. im Miozän Ungarns.

Schlesinger. 10160. *E. planifrons* von Laaerberg und die Stratigraphie der alten Flussterrassen von Wien.

e ASIA.*eh* Persia.

Mecquenem. 10061. Contribution à l'étude du gisement des Vertébrés de Maragha.

f AFRICA.*fb* North-East Africa.

Stromer. 10218. Wirbeltierreste aus dem Mittelpliocän des Natrontales (Ägypten). 1. Affen. 2. Raubtiere.

g NORTH AMERICA.*gi* Western United States.

Merriam. 10070. A peculiar horn or antler from the Mohave Miocene of California. 10072: Vertebrate fauna of the Orindan and Sistan beds in middle California. 10074: New anchitheriine horses from the Tertiary of the Great Basin area. 10075: New protohippine horses from Tertiary beds on the western border of the Mohave desert.

Peterson. 10127. A new species of *Moropus* (*M. hollandi*) from the base of the middle Miocene of western Nebraska.

h **SOUTH AMERICA.**

hi **Argentine with Patagonia as a whole.**

Sergi. 10175. *Diprthomo platensis* Ameghino.

Stolyhwo. 10217. *Diprthomo platensis* un précurseur de l'homme.

95 PLEISTOCENE AND RECENT.

95.0231 PALAEOZOOLOGIA GENERALIS.

d **EUROPE.**

dc **German Empire.**

Menzel. 10067. Deutschlands Tierwelt seit der Eiszeit.

Schmidt. 10161. Die diluviale Vorzeit Deutschlands.

dh **Italy.**

Craveri. 9858. Avanzi fossili animali e vegetali di Civezzano-alle-fornaci nel Trentino.

Regalia. 10147. Fauna glaciale in due grotte di Equi (Alpi Apuane).

h **CENTRAL AND SOUTH AMERICA.**

hc **West Indian Islands.**

Brown. 9820. Geology of the island of Antigua.

95.0431 PROTOZOA.

ha **Arctic Ocean.**

Awerinzew. 9774. Foraminiferen-Fauna des Sibirischen Eismeer.

95.2231 MOLLUSCA.

Müller. 10090. Eine weitere Schnecke aus der Tuffablagerung der schwarzen Laaber.

Shimek. 10177. The significance of Pleistocene mollusks.

d **EUROPE.**

dc **German Empire.**

Geyer. 9923. In Niederschwaben während des Quartärs erloschene Mollusken.

Gross. 9950. Die Entstehung des Warnowtals von Eickhof bis Rostock. Diss.

Vohland. 10242. Der schneckenführende Elstermergel von Rüssen-Storkwitz.

dk **Austria-Hungary.**

Éhik. 9892. Die präglaziale Fauna von Brassó. (Ungarisch.)

e **ASIA.**

eh **Caspian.**

Ostroumov. 10113. Variationsstatistik der Kaspischen Didacniden.

g **NORTH AMERICA.**

gg **North-Eastern United States.**

Baker. 9776. Post-glacial Mollusca. 1. Emmet county, Michigan.

gi **Western United States.**

Baker. 9777. Interglacial mollusks from South Dakota.

Hanna and Johnston. 9956. A Pleistocene molluscan fauna from Phillips county, Kansas.

Rivers. 10151. A new species of *Rathytoma* from the Upper Pleistocene of San Pedro, Cal.

h **CENTRAL AND SOUTH AMERICA.**

hb **Central America.**

Brown and Pilsbry. 9821. Two collections of Pleistocene fossils from the Isthmus of Panama.

hc **West Indian Islands.**

Brown. 9820. Geology of the island of Antigua.

n **PACIFIC.**

nd **Sandwich Islands.**

Pilsbry. 10133. Two new Achatinellidae of Oahu.

95.2431 ARTHROPODA.

d **EUROPE.**

dba **Northern Russia.**

Poppius. 10134. Vorzeitliche Verbreitung in Finnland.

95.3431 MYRIOPODA.

d **EUROPE.**

dk **Austria-Hungary.**

Éhik. 9892. Die präglaziale Fauna von Brassó. (Ungarisch.)

95.5231 VERTEBRATA.

g NORTH AMERICA.*gi* Western United States.

Shufeldt. 10182A. Fossil fauna of the desert region of Oregon; additional material collected there.

95.5431 PISCES.

g NORTH AMERICA.*gi* Western United States.

Shufeldt. 10182A. Fossil fauna of the desert region of Oregon, additional material collected there.

95.5631 REPTILIA.

d EUROPE.*dh* Italy.

Campana (Del). 9828. Resti di *Zamenis viridiflavus* Lacep. nel quaternario di Monte-tignoso.

dk Austria-Hungary.

Ehik. 9892. Die präglaziale Fauna von Brassó. (Ungarisch.)

95.5831 AVES.

f AFRICA.*fh* Madagascar.

Monnier. 10085. Paléontologie de Madagascar VII. Les Aepyornis.

g NORTH AMERICA.*gi* Western United States.

Shufeldt. 10181. Contributions to avian paleontology. 1. Extinct Meleagridae. 2. Fossil birds of the Oregon desert. 10182A: Fossil fauna of the desert region of Oregon; additional material collected there. 10183: New and extinct birds and other species from the Pleistocene of Oregon.

95.6031 MAMMALIA

Adloff. 9762. Die Zähne der diluvialen Menschenrassen.

Laurer. 10028. Abstammungs- und Rassenkunde des Hausrindes.

Ličkov. 10037. Le mammoth de Kojanki.

Stefanescu. 10202. Structure de la couronne des molaires d'éléphant.

d EUROPE.

Allen. 9765. Ontogenetic and other variations in muskoxen; systematic review of the muskox group, recent and extinct.

Antonius. 9771. Equidenstudien. I. Aussehen des Tarpan.

Maunier. 10060. Ludwig-Reinhardt: Der Mensch zur Eiszeit in Europa und seine Kulturentwicklung bis zum Ende der Steinzeit.

Mochi. 10082. Caratteri australiani dell' uomo paleolitico di Combe-Chapelle.

dbc Ural.

Doss. 9882. Ein subfossiler Schädel von *Cervus alces*.

Schweder. 10170. Die grossen Vertreter der Diluvialzeit im Balticum.

dc German Empire.

Drevermann u. Hilzheimer. 9887. Die Knochenfunde der Steinauer Höhle.

Felix. 9901. Vergleichende Bemerkungen zu den Mammutskelletten von Steinheim a. d. Murr (in Stuttgart) und von Borna (in Leipzig).

Förster. 9908. Über eine diluviale subarktische Steppenfauna aus den Sandhügeln von Mauer.

Freudenberg. 9915. *Elephas primigenius Fraasi* Dietrich und die schwäbische Hochterrasse.

Stoller. 10216. Spuren des diluvialen Menschen in der Lüneburger Heide.

Wieggers. 10259. Das Alter des diluvialen Menschen in Deutschland.

dd Holland.

Giffen. 9931. Wurte und Wurtenhund.

df France.

Ferronnière. 9906. L'*Elephas meridionalis* de Chantonay (Vendée).

Giuffrida-Ruggeri. 9936. Per una sistemazione del tipo di Cro-Magnon e una rara anomalia. 9938. L'uomo mousteriano e l'ipotesi panantropoide.

dh Italy.

Bassani e Galdieri. Scavo geologico a Capri.

Lorenzo (De). 10045. Caverna con avanzi preistorici presso Lagonegro in Basilicata.

Mochi. 10080. L'industria litica della grotta di Golino nei monti dell' Uccellina (Talamone, Prov. di Grosseto). 10081: Le ricerche di Marchesetti nella Grotta Pocala presso Aurisina sul Carso Triestino. 10083: Cronologia di alcuni giacimenti quaternari italiani a fauna calda. 10084: Faune Riss-Würmiana, Würmiana e Post-Würmiana e industria paleolitica superiore nella Grotta di Cuciliana (Monti Pisani).

Stefano (De). 10211. I mammiferi preistorici dello Imolese.

di **Switzerland.**

Keller. 10003. Haustierfunde von La Tène.

dk **Austria-Hungary.**

Dreger. 9884. Fund von Mammutresten bei Teufkirchen unweit Schärding in Oberösterreich.

Éhik. 9892. Die präglaziale Fauna von Brassó. (Ungarisch.)

Kafka. 9999. Rezente und fossile Ungulata Böhmens. 1. Proboscidea. 2. Perissodactyla.

Kormos. 10019. Trois nouvelles espèces fossiles des Desmans en Hongrie.

Mochi. 10081. Le ricerche di Marchesetti nella Grotta Pocala presso Aurisina sul Carso Triestino.

Simonelli. 10188. Mammiferi quaternari dell' Isola di Candia.

Zuccarelli. 10273. Risultati di mie ricerche speleologiche nel Salernitano.

dm **Mediterranean and Islands.**

Keller. 10002. Haustiere der Mittelmeer-Inseln.

e **ASIA.**

Allen. 9765. Ontogenetic and other variations in muskoxen; systematic review of the muskox group, recent and extinct.

ea **Asiatic Russia.**

Pavlova. 10122. Ongulés fossiles posttertiaires de la Sibérie méridionale appartenant au Muséum de Troickosavsk-Kiachta.

Schweder. 10169. Abwurfstange von *Cervus euryceros* Aldr.

eea **West Siberia.**

Janiševskij. 9993. Mammutüberreste in Tomsk. (Russ. deutsch. Rés.)

f **AFRICA.**

fa **Mediterranean States.**

Joleaud. 9996. Position systématique du *Cervus pachygenus* (quaternaire algérien).

fg **South Africa.**

Broom. 9818. *Equus capensis* Broom.

g **NORTH AMERICA.**

Allen. 9765. Ontogenetic and other variations in muskoxen; systematic review of the muskox group, recent and extinct.

Hay. 9962. The extinct bisons of North America; description of *Bison regius* n.sp. 9963: Camels of the fossil genus *Camelops*.

ga **Alaska and Aleutian Islands.**

Gidley. 9926. Pleistocene camel north of the Arctic circle.

Hay. 9960. Skull of extinct horse, found in central Alaska.

gf **United States as a whole.**

Hay. 9961. Fossil horses; descriptions of four new species.

gh **South-Eastern United States.**

Gidley. 9927. An extinct American eland. 9929: Preliminary report on a recently discovered Pleistocene cave deposit near Cumberland, Maryland.

gi **Western United States.**

Allen. 9764. A new *Mylodon*.

Hay. 9959. Two new species of ruminants from the Pleistocene of Iowa.

Martin. 10054. Comparison of three skulls: *Castoroides ohioensis*, *Castoroides kansensis*, and *Castor fiber*.

Merriam. 10069. The skull and dentition of a camel from the Pleistocene

of Rancho la Brea. 10073; Preliminary report on the horses of Rancho la Brea.

Shufeldt. 10182A. Fossil fauna of the desert region of Oregon; additional material collected there.

Stock. 10215. *Nototherium* and *Megalonyx* from the Pleistocene of southern California.

h **CENTRAL AND SOUTH AMERICA.**

hc **West Indian Islands.**

Matthew. 10056. Cuban fossil mammals; preliminary note.

k **ARCTIC.**

kb **Greenland.**

Allen. 9765. Ontogenetic and other variations in muskoxen; systematic review of the muskox group, recent and extinct.

PALAEOZOOLOGIA.

B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILIA AFFINITATIS
VEL ORIGINIS INCERTAE.0131.38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL POSITION.

Palaeodictyon. Silvestri. 10185.

0131.39 GENERAL.

Nemertilites spp. Vinassa de Regny. 10241.

Palaeodictyon tectiforme. Vinassa de Regny. 10241.

0131.50 LOWER PALAEOZOIC.

Coscinoecyathus. Pilotti. 10132.

0131.55 UPPER PALAEOZOIC.

Pteridichnites biseriatus nn. gen. et sp. Maryland, Devonian. Clarke and Swartz. 9846.

0231 PALAEOZOOLOGIA.

0231.39 GENERAL.

Mémoires du service géologique de l'Indo-Chine, Hanoi-Haiphong. T. 1 1912. 38cm.

Chapman. 9836. Victorian fossiliferous limestones and their correlatives in other lands.

Čirvinskij. 9843. Der geologische Bau der Gegend des rechten Ufers des Flusses Sseim innerhalb des Gouvernement Kursk. II.

Craveri. 9859. Determinazione dei fossili italiani, francesi, svizzeri ed americani del Museo Galletti in Domodossola. Parte 1^a. Invertebrati.

Deprat et Mansuy. 9871. Étude géologique du Yun-nan oriental. II^e Partie: Paléontologie par Mansuy.

De Vis. 9877. Fossils from Gulf Watershed.

Etheridge. 9895. Palaeontology of Queensland.

Hennig. 9969. Pathologische und verwandte Erscheinungen bei fossilen Tieren.

Mansuy. 10049. Étude géologique du Yun-nan oriental; 2^e Partie: Paléontologie. 10050: Mission du Laos. I. Géologie des environs de Luang-Prabang. II. Mission Zeil dans le Laos septentrional. Résultats paléontologiques. III. Contribution à la géologie du Tonkin. Paléontologie suivi d'un exposé sommaire des découvertes paléontologiques en Indo-Chine au cours de l'année 1911 et au début de l'année 1912.

Wiman. 10265. Palaeontologische Bedeutung des Massensterbens unter den Tieren.

0231.45 PALAEOZOIC.

Walcott. 10249. Cambrian geology and paleontology. 2. No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada.

0231.50 LOWER PALAEOZOIC.

Chapman. 9832. Silurian fossils from Whittlesea.

Walcott. 10248. The Cambrian faunas of China. 10249: Cambrian geology and paleontology. 2. No. 12. Cambrian formations of the Robson peak district, British Columbia and Alberta, Canada.

Weller. 10251. Ordovician fossils collected in Eastern Asia in 1903-1904.

0231.55 UPPER PALAEOZOIC.

Blackwelder. 9792. New or little known Paleozoic faunas from Wyoming and Idaho.

Condit. 9855. Conemaugh formation in Ohio.

Dun. 9888. Marine fossils from the tasmanite spore beds of the Mersey River.

Girty. 9934. Upper Paleozoic fossils collected in China in 1903-4.

Gortani. 9939. Fauna mesodevonica di Monumenz in Carnia. 9940: Paleozoico carnico. 4°. La fauna mesodevonica di Monumenz.

Krenkel. 10022. Faunen aus dem Unterkarbon des südlichen und östlichen Tian-Schan.

Leidhold. 10033. Die Quarzite von Berlé in Luxemburg, ihre Verbreitung und stratigraphische Stellung.

Lisicyn. 10044. Geologische Untersuchungen im Donschen Bassin und Moskauer Kohlenbecken.

Rübenstrunk. 10153. Riffbauende Tiere und andere erdgeschichtliche Beobachtungen im Thüringischen Zechstein-Riffgebiet.

Savage. 10158. The Grand Tower (Onondaga) formation of Illinois, and its relation to the Jeffersonville beds of Indiana.

0231.60 MESOZOIC (GENERAL).

Lisicyn. 10044. Geologische Untersuchungen im Donschen Bassin und Moskauer Kohlenbecken.

0231.65 TRIASSIC.

Tommasi. 10230. I fossili della lumachella triasica di Ghegna in Valsecca presso Roncobello. Algae, Anthozoa, Brachiopoda, Lamellibranchiata.

0231.70 JURASSIC.

Petclerc. 10128. Bathonien supérieur (Bradfordien) de Trésille, canton de Rioz (Haute-Saône).

Salfeld. 10155. Die zoo-geographische Stellung des süddeutschen oberen Juras.

Soergel. 10192. Lias und Dogger von Jiebje und Fialpopo (Misólarchipel).

Sokolov. 10193. Quelques fossiles du jurassique supérieur de l'Argentine.

0231.75 CRETACEOUS.

Dainelli. 9861. Introduzione allo studio del Cretaceo friulano. Parte 2ª.

Seupin. 10172. Die Löwenberger Kreide und ihre Fauna.

0231.80 CAENOZOIC (TERTIARY) (GENERAL).

Böhm u. Weissermel. 9796. Tertiäre Versteinerungen von den Bogenfelder Diamantfeldern.

Chapman. 9835. Fossils obtained by deep boring in the Mallee, Victoria.

Klebelsberg. 10010. Die alttertiäre Evertebraten-Fauna Ägyptens.

Winkler. 10266. Geologie und Paläontologie des steirischen Tertiärs. Verbreitung und Tektonik des Miocäns von Mittelsteiermark.

0231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cecchia-Rispoli. 9840. Sul Miocene di alcune regioni della Sicilia occidentale.

Nelli. 10096. Il Pliocene dell' Isola di Citera.

0231.95 PLEISTOCENE AND . RECENT.

Craveri. 9858. Avanzi fossili animali e vegetali di Civezzano alle Fornaci nel Trentino.

Menzel. 10067. Deutschlands Tierwelt seit der Eiszeit.

Schmidt. 10161. Die diluviale Vorzeit Deutschlands.

0431 PROTOZOA.

0431.39 GENERAL.

GENERAL.

Altpeter. 9766. Anatomie und Physiologie von *Alveolina*.

SPECIAL.

Fusulinella gigas n. sp. **Mansuy.** 10049.

0431.50 LOWER PALAEOZOIC.

Globigerina? mantoensis. China Cambrian. **Walcott.** 10248.

0431.55 UPPER PALAEOZOIC.

GENERAL.

Deprat. 9870. Étude des Fusulinidés de Chine et d'Indo-Chine et classification des calcaires à Fusulines.

SPECIAL.

Doliolina nn. spp. Calcaires. **Deprat.** 9870.

Fusulina nn. spp. Calcaires. **Deprat.** 9870

Neoschwagerina n. var. et spp. Calcaires. **Deprat.** 9870.

0431.60 MESOZOIC (GENERAL).

Schubert. 10164. Fossile Foraminiferenfauna von Celebes.

0431.65 TRIASSIC.

GENERAL.

Heinrich. 9966. Mikrofauna des Hailstätter Kalkes.

SPECIAL.

Hyperammina suevica n. sp. Muschelkalk, Schwarzwald. **Hohenstein.** 9976.

0431.75 CRETACEOUS.

GENERAL.

Franke. 9912. Die Foraminiferen der Kreideformation des Münsterschen Beckens.

SPECIAL.

Bdeloidina Laurenti n. sp. Deutschl., Kreide. **Franke.** 9912.

Dentalina digitalis n. sp. Deutschl., Kreide. **Franke.** 9912.

Fronicularia minima n. sp. Deutschl., Kreide. **Franke.** 9912.

Gaudryina serrata n. sp. Deutschl., Kreide. **Franke.** 9912.

Pleurostomella globulifera n. sp. Deutschl., Kreide. **Franke.** 9912.

Pulvinulina scaphoides n. sp. Deutschl., Kreide. **Franke.** 9912.

Uvigarina westfalica n. sp. Deutschl., Kreide. **Franke.** 9912.

0431.80 CAENOZOIC (TERTIARY).

GENERAL.

Schubert. 10164. Fossile Foraminiferenfauna von Celebes.

GENERAL.

Ammodiscus [Foraminifera] ovalis n. sp. Victoria, Tertiary. **Chapman.** 9835.

Fronicularia lorifera n. sp. Victoria, Tertiary. **Chapman.** 9835.

Lagena spp. **Dervieux.** 9872.

Lepidocyclina spp. **Silvestri.** 10186.

0431.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

Checchia-Rispoli. 9838. Oligocene dei dintorni di Campofiorito in provincia di Palermo.

0431.90 UPPER CAENOZOIC (MIOCENE PLIOCENE).

GENERAL.

Fornasini. 9909. Nomenclatura di una cristellaria pliocenica.

Lecointre et Allix. 10030. Les formes diverses de la vie dans les faluns de la Touraine.

SPECIAL.

Alveolinella Bontangensis n. sp. **Rutten.** 10154.

Cristellaria galea n. nom. **Fornasini.** 9909.

Cristula nn. gen. et sp. **Allix.** 10030.

Marginulina fissicostata (Gümb.). **Silvestri.** 10184.

Polymorphina nn. spp. **Allix.** 10030.

Polystomella falunica n. sp. **Allix.** 10030.

Rotalina lecointreae n. sp. **Allix.** 10030.

Spirillina seminodosa n. sp. **Allix.** 10030.

0431.95 PLEISTOCENE AND RECENT.

Dendrophria tolli n. sp. **Awerinzew.** 9774.

Nubeculariella birulai n. gen. et sp. **Awerinzew.** 9774.

Pelosina (?) arctica n. sp. **Awerinzew.** 9774.

Polymorphina dubia n. sp. **Awerinzew.** 9774.

0631 PORIFERA.**0631.39 GENERAL.**

Rauff. 10144. *Barroisia* und die Pharetronenfrage.

0631.50 LOWER PALAEOZOIC.

Protospongia chloris. China, Cambrian. **Walcott.** 10248.

0631.55 UPPER PALAEOZOIC.

Hindia sphaeroidalis. Maryland, Devonian. **Swartz**. 10224.

0631.75 CRETACEOUS.

SPECIAL.

Coeloptychium (?) *jerseyense* n. sp. New Jersey, Cretaceous. **Shimer** and **Powers**. 10179.

Craticularia auricularis n. sp. Kreide, Deutschl. **Scupin**. 10172.

Guetardia crassa n. sp. Kreide, Deutschl. **Scupin**. 10172.

Radiolites. **Laurent**. 10027.

Rhizocorallium Gläseli n. sp. Kreide, Deutschl. **Felix**. 9902.

0631.80 CAENOZOIC (TERTIARY).

GENERAL.

Cliona mammillata n. sp. Victoria, Tertiary (Kalimnan). **Chapman**. 9831.

————— *peregrinator* n. sp. Victoria, Tertiary (Barwonian). **Chapman**. 9831.

Mopsea tenisoni n. sp. Victoria, Tertiary. **Chapman**. 9835.

0831 COELENTERATA.

0831.39 GENERAL.

GENERAL.

Deecke. 9865. Paläontologische Betrachtungen. V. Korallen.

Hall. 9953. Victorian graptolites.

Oppenheim. 10106. *Porites polystyla* Reuss und die Gattung *Actinacis* d'Orb.

SPECIAL.

Chaetetes subradians n. sp. **Mansuy**. 10049.

Chonaxis ponguanensis n. sp. **Mansuy**. 10050.

Cyathophyllum lantenoisi n. sp. **Mansuy**. 10049.

Endophyllum yunnanense n. sp. **Mansuy**. 10050.

Favositella nn. gen. et sp. **Mansuy**. 10049.

Favosites nn. spp. **Mansuy**. 10049.

Heliophyllum vesiculosum n. sp. **Mansuy**. 10049.

Lithostrotion nn. spp. **Mansuy**. 10049.

Megaphyllites lantenoisi n. sp. **Mansuy**. 10049.

Metriophyllum poshiense n. sp. **Mansuy**. 10050.

Pachypora polygonalis n. sp. **Mansuy**. 10050.

0831.50 LOWER PALAEOZOIC.

GENERAL.

Hart. 9957. Graptolite beds at Daylesford, Victoria.

SPECIAL.

Calapocia favositoidea n. sp. Illinois and Missouri, Silurian. **Savage**. 10157.

Calvinia n. gen. et sp. Illinois and Missouri, Silurian. **Savage**. 10157.

Coscocyanthus elvira. China, Cambrian. **Walcott**. 10248.

Favosites subelongus n. sp. Illinois and Missouri, Silurian. **Savage**. 10157.

Zaphrentis nn. spp. Illinois and Missouri, Silurian. **Savage**. 10157.

0831.55 UPPER PALAEOZOIC.

GENERAL.

Prosser. 10140. Coelenterata [of the Middle Devonian deposits of Maryland].

SPECIAL.

Aulopora schucherti n. sp. Maryland, Devonian. **Swartz**. 10223.

Carnegiea bassleri. Chinese fossils. **Girty**. 9934.

Ceratopora (?) *marylandica* n. sp. Maryland, Devonian. **Swartz**. 10225.

Cladochonus humilis n. sp. Maryland, Devonian. **Clarke** and **Swartz**. 9846.

Columnaria (?) *helderbergiae* n. sp. Maryland, Devonian. **Swartz**. 10225.

Cyathophyllum nn. spp. Maryland, Devonian. **Swartz**. 10225.

————— *caespitosum* Goldf. **Vinassa de Regny**. 10240.

Cystiphyllum fasciculatum n. sp. Maryland, Devonian. **Swartz**. 10225.

Favosites cristata, Blum. **Vinassa de Regny**. 10240.

————— *favosus integritabulatus* n. var. Maryland, Devonian. **Swartz**. 10225.

Heliophyllum scrutarium n. sp. Maryland, Devonian. **Clarke** and **Swartz**. 9846.

Lophophyllum profundum. Ohio, Carboniferous. **Mark**. 10053.

Petraia spp. **Vinassa de Regny.**
10240.

Streptelasma cumberlandica n. sp. Mary-
land, Devonian. **Swartz.** 10225.

Striatopora bella n. sp. Maryland,
Devonian. **Swartz.** 10225.

Zaphrentis nn. spp. Maryland, De-
vonian. **Clarke and Swartz.** 9846.

———— *keyserensis* n. sp. Mary-
land, Devonian. **Swartz.** 10225.

0831.65 TRIASSIC.

Montlivaultia radiceformis Münst.
Tommasi. 10230.

0831.70 JURASSIC.

GENERAL.

Volz. 10243. Oberer Jura in West-
Sumatra.

SPECIAL.

Pleurosmitia Benoisti Kobij. **Fucini.**
9917.

0831.75 CRETACEOUS.

Actinaeis crassitexta n. sp. Cenoman.
Felix. 9903.

Cycloseris blanckenhorni n. sp. Ceno-
man, Syrien. **Felix.** 9903.

Goniastraca Fraasi n. sp. Rudistenkalk,
Syrien. **Felix.** 9903.

Trochosmitia bilobella n. sp. Cenoman.
Felix. 9903.

0831.80 CAENOZOIC (TERTIARY).

Comoseris (Orosaris) australis n. sp.
Victoria, Tertiary (Barwonian). **Chapman.**
9831.

0831.85 LOWER CAENOZOIC.

Tellina sutterensis n. sp. California,
Eocene. **Dickerson.** 9878.

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Brest. 9813. Corallari fossili di
Angarano presso Ascoli-piceno.

Felix. 9904. Die fossilen Anthozoen
aus der Umgebung von Trinil.

SPECIAL.

Balanophyllia oppenheimi n. sp. Java,
Korallenbank. **Felix.** 9904.

Caryophyllia clarus n. var. *intermedia*.
Java. **Felix.** 9904.

Cyphastraea cymotoma n. sp. Java.
Felix. 9904.

Diamantopora n. gen. et sp. **Moran.**
Weissermel. 9796.

Diplochætetes longitubus nn. gen. et sp.
Moran. **Weissermel.** 9796.

Euphyllia granulato-costata n. sp. Java.
Felix. 9904.

Favia macrocalya n. sp. Java. **Felix.**
9904.

Galaxea haligena n. sp. Java. **Felix.**
9904.

Heterocyathus elberti n. sp. Java.
Felix. 9904.

L-ptoria selenkæ n. sp. Java. **Felix.**
9904.

Lithophyllia martini n. sp. Java.
Felix. 9904.

Macandrina dozyi n. sp. Java. **Felix.**
9904.

Madrepora prima, secunda, tertia n. nom.
Java, Korallenbank. **Felix.** 9904.

Metastraea speciosa n. sp. Java.
Felix. 9904.

Orbicella brancæ n. sp. Java. **Felix.**
9904.

Placosmitia bipartita n. sp. Java.
Felix. 9904.

Siderastraea nn. spp. Java. **Felix.**
9904.

———— *crenulata* Goldf. **Trentanove.**
10237.

Stephanoseris carthausi n. sp. Java.
Felix. 9904.

Tichoseris delicatula n. sp. Java.
Felix. 9904.

1031 ECHINODERMATA.

1031.39 GENERAL.

GENERAL.

Rectifications de nomenclature. **Rev.**
crit. Paléozool. Paris 16 1912 (68-216).

Deecke. 9865. Paläontologische Be-
trachtungen. III. Echinoiden.

Stefanini. 10206. Contributo degli
studi echinologici ad alcuni problemi di
Paleogeografia.

SPECIAL.

Allorisma tonkinensis n. sp. **Mansuy.**
10050.

Archaeocidaris wartellei n. sp. **Mansuy.** 10050.

Rhabdechinus n. gen. **Lambert.**

Scaphioerinus depressus n. sp. **Mansuy.** 10049.

Scutellidae. **Stefanini.** 10210.

Traumatocrinus perforatus n. sp. **Mansuy.** 10049.

1031.50 LOWER PALAEOZOIC.

GENERAL.

Clark. 9844. Cambrian holothurians.

SPECIAL.

Cyclocystoides sp. Illinois and Missouri. **Savage.** 10157.

Ptychoerinus sp. Illinois and Missouri. **Savage.** 10157.

Scyphocrinus. Specimen in U.S. National Museum. **Bassler.** 9781.

1031.55 UPPER PALAEOZOIC.

GENERAL.

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow im Gouvernement Nowgorod.

Ohern. 10101. Crinoidea [of the Lower Devonian deposits of Maryland].

SPECIAL.

Archaeocidaris sp. Chinese fossils. **Girty.** 9934.

Asterozoan. Tasmania, Permo-Carboniferous. **Dun.** 9888.

Calceocrinus marylandicus n. sp. Maryland, Devonian. **Ohern.** 10101.

Homoerinus hartleyi n. sp. Maryland, Devonian. **Ohern.** 10101.

Meloerinus nn. spp. New York, Devonian. **Olsson.** 10105.

Onychaster. **Schöndorf.** 10163.

Palaeaster clarki n. sp. Maryland, Devonian. **Clarke and Swartz.** 9846.

——— *eucharis.* 10162. **Schöndorf.**

Technocrinus (?) *lepidus* n. sp. Maryland, Devonian. **Ohern.** 10101.

Thysanocrinus eugenius n. sp. Maryland, Devonian. **Ohern.** 10101.

Trichocrinus n. subgen. (*Meloerinus*). New York, Devonian. **Olsson.** 10105.

1031.70 JURASSIC.

GENERAL.

Pia. 10130. Mitteliasische Cephalopodenfauna aus dem nordöstlichen Kleinasien.

SPECIAL.

Cidaris. Mitteliasien, Kleinasien. **Pia.** 10130.

Echinobrissus clunicularis. **Fucini.** 9917.

1031.75 CRETACEOUS.

GENERAL.

Lambert. 10026. Échinides recueillis dans l'étage Albien de Sancerre.

Savin. 10159. Revision des Echinides du département de l'Isère.

SPECIAL.

Pseudodiadema peruanum n. sp. Peru, Kreide. **Sommermeier.** 10199.

Schifaster Sturmii n. sp. Deutschl., Kreide. **Scupin.** 10172.

1031.80 CAENOZOIC (TERTIARY).

GENERAL.

Chapman. 9831. Little known Victorian Echinoidea in the National Museum.

Lambert. 10025. Echinides des terrains néogènes du bassin du Rhône.

Stefanini. 10208. Note echinologique. 10209: Echini terziari dell'America del Nord.

SPECIAL.

Antedon protomacronema n. sp. Victoria, Tertiary. **Chapman.** 9835.

Clypeaster Douvillei n. sp. **Stefanini.** 10209.

Mortonella Rogersi Agass. **Stefanini.** 10209.

Periarchus pileus-sinensis Ravenel. **Stefanini.** 10209.

Sismondia Lyelli (Morton). **Stefanini.** 10209.

1031.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

GENERAL.

Pritchard. 10137. Occurrence of genus *Linthia* in Victoria.

SPECIAL.

Linthia mooraboulensis n. sp. Victoria, Balcambian-Eocene. **Pritchard.** 10137.

Oligopygus orum-serpentis (Guppy). **Stefanini.** 10208.

Peribrissus excentricus (W.R.) **Stefanini.** 10208.

Scutella Germanica Beyr. **Stefanini.** 10208.

1031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Lovisato. 10046. Paleontologia miocenica sarda. Specie nuove di *Clypeaster* e di *Amphiope*. 10047-8: Nuove specie di *Clypeaster* del Miocene medio di Sardegna.

SPECIAL.

Amphiope Montezomoloi n. sp. **Lovisato.** 10046.

Arbacia spp. **Stefanini.** 10207.

Clypeaster nn. spp. **Lovisato.** 10046-47.

Echinolampas cytherea n. sp. **Stefanini.** 10208.

Scutaster andersoni. California, Miocene. **Pack.** 10114.

Scutella norrisi. California, Miocene. **Pack.** 10114.

1831 VERMES.**1831.50** LOWER PALAEOZOIC.

Cornulites spp. Illinois and Missouri. Silurian. **Savage.** 10157.

——— sp. undt. China, Ordovician. **Weller.** 10251.

Planolites, sp. undt. China, Cambrian. **Walcott.** 10248.

1831.55 UPPER PALAEOZOIC.

Cornulites cingulatus. Maryland, Devonian. **Ohern.** 10102.

Polygnathus sp. Maryland, Devonian. **Kindle.** 10006.

Spirorbis gyrus n.sp. Maryland, Devonian. **Clarke and Swartz.** 9846.

1831.65 TRIASSIC.

Serpula aberrans n. sp. Schwarzwald, Muschelkalk. **Hohenstein.** 9976.

1831.80 CAENOZOIC TERTIARY.

GENERAL.

Serpula ouyensis n. sp. Victoria, Tertiary. **Chapman.** 9835.

1831.90 UPPER CAENOZOIC
(MIOCENE PLIOCENE).

Pomatoceros triqueteter Linn. Trenta-nove. 10237.

2031 BRACHIOPODA AND
BRYOZOA.

2031.39 GENERAL.

GENERAL.

Andrussow. 9770. Die fossilen Bryozoenriffe der Halbinseln Kertsch und Taman.

SPECIAL.

Acrothele orbicularis n. sp. **Mansuy.** 10049.

Anastrophia proxima n. sp. **Mansuy.** 10049.

Athyris angulata n. sp. **Mansuy.** 10049.

Atrypa nn. spp. **Mansuy.** 10049.

Aulacothyris inflata n. sp. **Mansuy.** 10050.

Chonetes nn. spp. **Mansuy.** 10050.

Dielasma nn. spp. **Mansuy.** 10050.

Discina (Orbiculoidea) sinensis n.sp. **Mansuy.** 10049.

Hustedia orientalis n. sp. **Mansuy.** 10050.

Leiorhynchus deprati n. sp. **Mansuy.** 10049.

Lingula nn. spp. **Mansuy.** 10049.

——— *loulanensis* n. sp. **Mansuy.** 10050.

Lithostrotion jourdyi n. sp. **Mansuy.** 10050.

Meristella flayellei n. sp. **Mansuy.** 10050.

Obolus (?) detritus n. sp. **Mansuy.** 10049.

Productella bourguignoni n. sp. **Mansuy.** 10049.

——— *tenuispini* n. sp. **Mansuy.** 10050.

Productus n. var. et sp. **Mansuy.** 10050.

Proetus ellipticus n. sp. **Mansuy.** 10049.

Retzia nn. spp. **Mansuy.** 10050.

Rhynchonella nn. spp. **Mansuy.** 10050.

Spirifer n. sp. et var. **Mansuy.** 10049.

Spiriferina acuta n. sp. **Mansuy.** 10050.

Terebratula nn. spp. **Mansuy.** 10050.

2031.45 PALAEOZOIC (GENERAL).

Greene. 9947. The development of a Carboniferous Brachiopod, *Chonetes granulifer*, Owen.

2031.50 LOWER PALAEOZOIC.

GENERAL.

Chapman. 9834. Victorian Silurian Brachiopoda.

Clarke. 9845. Cambrian Brachiopoda.

Henning. 9971. Die Brachiopoden des Kambriums von Nordamerika.

SPECIAL.

Atrypa nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

————— *Victoria*, Silurian. **Chapman.** 9835.

Brachyprion nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

————— *shaleri* n. sp. Maine, Silurian. **Williams.** 10261.

Camarotoechia ? nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

————— *leightoni* n. sp. Maine, Silurian. **Williams.** 10261.

Chonetes nn. spp. Maine, Silurian. **Williams.** 10261.

————— *bipartita* n. sp. Victoria, Silurian. **Chapman.** 9834.

Clorinda ? *thebesensis* n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Crania pulchelloides n. sp. Victoria, Silurian. **Chapman.** 9834.

Cyrtina sub-biplicata n. sp. Victoria, Silurian. **Chapman.** 9834.

Dalmanella nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Gypidula (*Sieberella*) *dudleyensis* n. nom. **Schuchert.** 10168.

————— *victoriae* n. sp. Victoria, Silurian. **Chapman.** 9834.

Hindella ? *ambigua* n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Homoospira nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Lingula n. sp. et var. Maine, Silurian. **Williams.** 10261.

Lingulella nn. spp. Alberta, Cambrian. **Walcott.** 10249.

Lingulopa nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Mickwitzia muralensis n. sp. Alberta, Cambrian. **Walcott.** 10249.

Nematopora spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Obobella nuda n. sp. Alberta, Cambrian. **Walcott.** 10249.

Orbiculoidea grandissima n. sp. **Kozlowski.** 10021.

Pentamerus parvulus n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Pholidops subelliptica n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Protozuga sulcocarinata n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Rafinesquina n. sp. et var. Illinois and Missouri, Silurian. **Savage.** 10157.

Rhipidomella tenuilineata n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Rhynchotrema ? *illinoisensis* n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Rhynchotrema nn. spp. et var. Illinois and Missouri, Silurian. **Savage.** 10157.

Schuchertella n. sp. et var. Illinois and Missouri, Silurian. **Savage.** 10157.

Siphonotreta plicatella n. sp. Victoria, Silurian. **Chapman.** 9834.

Spirifer lilydalensis n. sp. Victoria, Silurian. **Chapman.** 9834.

Whitfieldella nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

————— *edmundsi* n. sp. Maine, Silurian. **Williams.** 10261.

2031.55 UPPER PALAEOZOIC.

GENERAL.

Blackwelder. 9792. New or little known Paleozoic faunas from Wyoming and Idaho.

Krenkel. 10022. Faunen aus dem Unterkarbon des südlichen und östlichen Tian-Schan.

Leishold. 10032. Fossilien in den Huusrückschiefern der Gegend nördlich von Oberstein.

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow im Gouvernement Nowgorod.

Shimer. 10178. Spiriferoids of the Lake Minnewauka section, Alberta.

SPECIAL.

Ambocoelia virginiana n. sp. Maryland, Devonian. **Prosser.** 10141.

Anoplia helderbergiae Rowe n. sp. Maryland Devonian. **Schuchert et alii.** 10168.

Anoplothea concava tonolowayensis Swartz nn. var. et spp. Maryland, Devonian. **Schuchert et alii.** 10168.

Athyris spp. **Vinassa de Regny.** 10240.

———— *sandyrewensis* n. sp. Permian, Russia. **Licharev.** 10036.

Atrypa spp., n. sp., nn. var. **Gortani.** 9940.

———— ? *biconvexa* n. sp. Maryland, Devonian. **Schuchert.** 10168.

———— *reticularis* Linn. **Vinassa de Regny.** 10240.

Batostomella interporosa n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Camaphoria rhomboidea (Phillips). **Gortani.** 9940.

Camarotoechia nn. spp. Maryland, Devonian. **Schuchert et alii.** 10168.

———— nn. spp. Devonian, Siberia. **Tolmačev.** 10229.

———— *congregata parkheadensis* n. var. Maryland, Devonian. **Clarke and Swartz.** 9846.

Ceramopora ? *incondita* n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Chlotrypa micropora n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Chonetes nn. spp. Maryland, Devonian. **Clarke and Swartz.** 9846.

———— nn. spp. Maryland, Devonian. **Schuchert et alii.** 10168.

———— *marylandicus* n. sp. Maryland, Devonian. **Prosser.** 10141.

Cyrtina. **Gortani.** 9940.

Dalmanella clarki Maynard n. sp. Maryland, Devonian. **Schuchert et alii.** 10168.

Dielasma nn. spp. Russia, Permian. **Licharev.** 10036.

Diplostenopora n. gen. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Douvillina cayuta graciliora n. var. Maryland, Devonian. **Clarke and Swartz.** 9846.

Eatonia hartleyi n. sp. Maryland, Devonian. **Schuchert.** 10168.

Eridotrypa parvulipora n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Fenestella nn. spp. **Gortani.** 9940.

———— nn. spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Fistuliporella nn. spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Gypidula (*Sieberella*) *coeymanensis* nn. nom., var., sp. Maryland, Devonian. **Schuchert et alii.** 10168.

Leiorhynchus pauciplicatus n. sp. Siberia, Devonian. **Tolmačev.** 10229.

Leptostrophia perplana alternata n. var. Maryland, Devonian. **Clarke and Swartz.** 9846.

Lingula clarki n. sp. Maryland, Devonian. **Prosser.** 10141.

———— *oherni* n. sp. Maryland, Devonian. **Clarke and Swartz.** 9846.

Lingulapholis n. gen. Maryland, Devonian. **Schuchert.** 10168.

Liolema nn. spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Meristella nn. spp. Maryland, Devonian. **Schuchert.** 10168.

———— *humilis* n. sp. Maryland, Devonian. **Clarke and Swartz.** 9846.

Meristina globulus n. sp. **Gortani.** 9940.

Monticulipora ? *marylandensis* n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Nucleospira freechi Scupin. Monumenz, Mesodevonica. **Gortani.** 9940.

———— *swartzii* Maynard n. sp. Maryland, Devonian. **Schuchert et alii.** 10168.

Orbiculoidea nn. spp. Maryland, Devonian. **Schuchert et alii.** 10168.

Oriskania lucerna n. sp. Maryland, Devonian. **Schuchert**. 10168.

Orthis spp. **Gortani**. 9940.

Orthothetes spp. Monumenz, Mesovionica. **Gortani**. 9940.

Pentamerus spp. **Vinassa de Regny**. 10240.

————— nn. spp. **Gortani**. 9940.

Pholidops nn. spp. Maryland, Devonian. **Schuchert**. 10168.

Polypora spp. **Gortani**. 9940.

————— *dictyota* n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Productella spp. **Vinassa de Regny**. 10240.

————— spp. n. var. **Gortani**.

————— *curvata* n. sp. Siberia, Devonian. **Tolmačev**. 10229.

————— *lachrymosa marylandica* nn. var. et sp. Maryland, Devonian. **Clarke and Swartz**. 9846.

————— ? *schucherti* n. sp. Maryland, Devonian. **Prosser**. 10141.

Productus grüberi n. sp. Tian-Schan, Carbon. **Krenkel**. 10022.

————— *lahuseni* n. sp. Russia, Permian. **Licharev**. 10036.

Ptilodictya tenella n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Rensselaeria, n. spp. n. var. Maryland, Devonian. **Schuchert et alii**. 10168.

Rhipidomella grandis n. sp. Siberia, Devonian. **Tolmačev**. 10229.

————— *musculosa aretisinuata* nn. var. et sp. Maryland, Devonian. **Schuchert**. 10168.

Rhopalonaria tenuis n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Rhynchonella spp. **Vinassa de Regny**. 10240.

————— nn. spp. **Gortani**. 9940.

Rhynchopora lobiensis sp. nov. Siberia, Devonian. **Tolmačev**. 10229.

Rhynchotreta cumberlandica n. sp. Maryland, Devonian. **Schuchert et alii**. 10168.

Scenidium italicum n. sp. **Gortani**. 9940.

Schizophoria oriskania n. sp. Maryland, Devonian. **Schuchert**. 10168.

————— *striatula marylandica* n. var. Maryland, Devonian. **Clarke and Swartz**. 9846.

Schuchertella nn. spp. Maryland, Devonian. **Clarke and Swartz**. 9846.

————— *marylandica* n. sp. Maryland, Devonian. **Schuchert et alii**. 10168.

————— *variabilis* n. sp. Maryland, Devonian. **Prosser**. 10141.

Semicoscium planum n. sp. Maryland Devonian. **Ulrich and Bassler**. 10238.

Spirifer nn. spp. **Gortani**. 9940.

————— nn. spp. Siberia, Devonian. **Tolmačev**. 10229.

————— spp. **Vinassa de Regny**. 10240.

————— spp., n. var. Maryland, Devonian. **Schuchert et alii**. 10168.

————— *mareyi superstes* n. var. Maryland, Devonian. **Clarke and Swartz**. 9846.

————— *sculptilis marylandensis* n. var. Maryland, Devonian. **Prosser**. 10141.

Spiriferella saranae. Russia, Carboniferous. **Frederichs**. 9914.

Stenopora ? *incrustans* n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Streptorhynchus (Schuchertella) sibirica n. sp. Siberia, Devonian. **Tolmačev**. 10229.

Stringocephalus Burtini DeFr., var. **Gortani**. 9940.

Stromatotrypa globularis n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Strophalosia zipinensis n. sp. Russia, Permian. **Licharev**. 10036.

Stropheodonta nn. spp. Maryland, Devonian. **Schuchert et alii**. 10168.

————— *maynardi* n. sp. Maryland, Devonian. **Clarke and Swartz**. 9846.

Strophomena nn. spp. **Gortani**. 9940.

Strophonella nn. spp. Maryland, Devonian. **Schuchert et alii**. 10168.

Terebratula. **Gortani**. 9940.

————— spp. **Vinassa de Regny**. 10240.

Thamiscus regularis n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Uncinulus nn. spp. Maryland, Devonian. **Schuchert et alii**. 10168.

Waldheimia whidbornei Davidson. **Gortani**. 9940.

Whitfieldella ? *minuta* Maynard, n. sp.
Maryland, Devonian. **Schuchert et alii.**
10168.

2031.65 TRIASSIC.

GENERAL.

Diener. 9880. Triassic fauna of
Kashmir.

Wagner. 10244. Stratigraphie und
Bildungsgeschichte des oberen Haupt-
muschelkalks und der unteren Lettenkohle
in Franken.

Amphiclina. Ungarn. **Bittner.** 9791.

Amphiclinodonta *Laczko*i n. sp. Ungarn.
Bittner. 9791.

Athyris n. sp. et var. Ungarn. **Frech.**
9913.

Aulacothyris. Ungarn. **Bittner.** 9791.

Cyrtina nn. spp. Ungarn. **Bittner.**
9791.

Dielasma spp. Kashmir, Muschelkalk.
Diener. 9880.

Koninekella spp. Ungarn. **Bittner.**
9791.

Retzia nn. spp. Ungarn. **Bittner.**
9791.

———— *oxyrhynchus* n. sp. Ungarn.
Frech. 9913.

Rhynchonella n. sp. Ungarn. **Bittner.**
9791.

———— nn. varr. Ungarn. **Frech.**
9913.

Spiriferina n. sp. et var. Ungarn.
Frech. 9913.

———— Ungarn. **Bittner.** 9791.

———— *fragilis* Schloth. **Tommasi.**
10230.

———— Kashmir, Muschelkalk,
Upper Trias. **Diener.** 9880.

Spirigera spp. Ungarn. **Bittner.**
9791.

———— spp. **Tommasi.** 10230.

Terebratula nn. spp. Ungarn. **Bittner.**
9791.

———— *vulgaris* n. var. *minor*.
Deutschl., Muschelkalk. **Wagner.** 10244.

Theocyrtella *Ampezzoana* Bittn. Un-
garn. **Bittner.** 9791.

Thecospira nn. spp. Ungarn. **Bittner.**
9791.

Thecospirella n. gen. et sp. Ungarn.
Bittner. 9791.

Waldheimia. Ungarn. **Bittner.** 9791.

———— nn. spp. **Tommasi.** 10230.

———— nn. spp. Ungarn. **Frech.**
9913.

2031.70 JURASSIC.

GENERAL.

Toni (De). 10233. La fauna liasica
di Vedana (Belluno). Parte 1^a. Brachio-
podi.

SPECIAL.

Koninekina spp. **Toni (De).** 10233.

Rhynchonella spp. **Toni (De).** 10233.

———— **Fucini.** 9917.

Spiriferina spp. **Toni (De).** 10233.

Terebratula spp. **Toni (De).** 10233.

———— *rotzoana* v. Schaur. **Fabiani.**
9897.

Waldheimia nn. spp. **Toni (De).**
10233.

2031.75 CRETACEOUS.

Meliceritites n. nom. var. et spp.
Levinson. 10035.

Rhynchonella *Kunthi* n. sp. Deutschl.,
Kreide. **Scupin.** 10172.

2031.80 CAENOZOIC (TERTIARY)

GENERAL.

Berenicea nitida n. sp. Victoria.
Maplestone. 10051.

Caberea pedunculata n. nom. Victoria,
Tertiary. **Maplestone.** 10051.

Catenicella rugosa n. sp. Victoria,
Tertiary. 10051.

Crisia acuta n. sp. Victoria. **Maple-**
stone. 10051.

Entalophora n. spp. Victoria. **Maple-**
stone. 10051.

Filisparsa concinna n. sp. Victoria.
Maplestone. 10051.

Idmonea nn. spp. Victoria. **Maple-**
stone. 10051.

Ictenulipora aivensis n. sp. Victoria.
Maplestone. 10051.

Spiropora nn. spp. Victoria. **Maple-**
stone. 10051.

Stomatopora gippslandii n. sp. Victoria,
Maplestone. 10051.

Strongylopora concinna n. sp. Victoria,
Tertiary. **Maplestone.** 10051.

Strophipora nn. spp. Victoria, Tertiary. **Maplestone.** 10051.

Terebratella nn. spp. Victoria, Tertiary. **Chapman.** 9835.

Terebratulina findersi n. sp. Victoria, Tertiary. **Chapman.** 9835.

Tubulipora nn. spp. Victoria. **Maplestone.** 10051.

2031 85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Canu. 9829. Les Bryozoaires fossiles des terrains du sud-ouest de la France.

2231 MOLLUSCA.

2231.39 GENERAL.

GENERAL.

Rectifications de nomenclature. Rev. crit. Paléozool. Paris **16** 1912 (68-216).

Boury. 9805. Description de *Scalide* nouveaux ou peu connus.

———. 9806. Observations sur quelques espèces ou sous-genres de *Scalide*.

Cossmann. 9857. Rectification de nomenclature.

Nowak. 10100. Einige Präpariermethoden der ammonitischen Lobenlinien.

Vignal. 10239. Rectification de nomenclature.

Wepfer. 10253. Zweck enger Artbegrenzung bei den Ammoniten.

SPECIAL.

Actinopteria (Pteronites) Deprati n. sp. **Mansuy.** 10050.

Area contejeani n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 p. 214.

Astartella nn. spp. **Mansuy.** 10049.

Avicula nn. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).

Aviculopecten nn. spp. **Mansuy.** 10050.

——— *dupontesi* n. sp. **Mansuy.** 10049.

Avilla vasseuri n. nom. **Cossmann.** 9857.

Axinaea gabbi n. nom. **Cossmann.** 9857.

Bellerophon planoconvexus, n. sp. **Mansuy.** 10049.

Benshausenia commutata n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).

Bucurdomyia nov. nom. **Rollier.** Rev. crit. Paléozool. Paris **16** 1912 (214).

Cardium gerardi n. nom. **Cossmann.** 9857.

Cerithium bucuquoyi n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).

——— *subattristum* n. nom. **Cossmann.** 9857.

Clavatula belli n. nom. **Cossmann.** 9857.

Clionites zeileri n. sp. **Mansuy.** 10049.

Crassatella nn. nom. **Cossmann.** 9857.

Cylindrites wilsoni n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).

Cypriocardia greplini n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (213).

Cyrtoceras virgatum n. sp. **Mansuy.** 10049.

Delphinula zekelii nov. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).

Dentalium vinassai, n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).

Dianella n. nom. subgen. *Diana* Clessin nec Risso. **Cossmann.** 9857.

Euomphalus nn. spp. **Mansuy.** 10049.

Euphemus subsphaericus n. sp. **Mansuy.** 10049.

Gervilleia nn. spp. **Mansuy.** 10050.

——— *hudlestoni* nom. **Cossmann.** 9857.

——— (?) *intermedia.* **Mansuy.** 10049.

Goniomya bisinuata n. sp. **Mansuy.** 10050.

Goniophora contraria n. sp. **Mansuy.** 10050.

Haminea ventripotens n. sp. **Cossmann.** 9856.

Julienia verneaui n. sp. **Mansuy.** 10049.

Leda nn. spp. **Mansuy.** 10050.

Lima nn. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (213, 217).

Limopecten inopinata n. sp. **Mansuy.** 10050.

Loxonema aciculare m. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).

Lucina halcombica nov. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).

- Marginella saccoi* n. nom. **Cossmann.** 9857.
- Melkoceras yunnanense* n. sp. **Mansuy.** 10049.
- Melania anbiyana* n. var. **Mansuy.** 10049.
- Meretrix peyroti* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).
- Microdoma imbricata* n. sp. **Mansuy.** 10049.
- Mitra frieburgi* nov. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).
- *posterior* n. nom. **Cossmann.** 9857.
- Modiola newtoni* nom. **Cossmann.** 9857.
- Modiomorpha duponti* n. sp. **Mansuy.** 10049.
- *lavali* n. sp. **Mansuy.** 10050.
- Murchisonia* n. sp. et var. **Mansuy.** 10049.
- *pleurotomarioides* n. sp. **Mansuy.** 10050.
- Mysidioptra asiatica* n. sp. **Mansuy.** 10050.
- N. broesamleni* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).
- Najadites sopsongensis* n. sp. **Mansuy.** 10050.
- Nassa depulsa* n. nom. **Cossmann.** 9857.
- Naticopsis* nn. spp. **Mansuy.** 10049.
- Neomegalodon dissimilis* n. sp. **Mansuy.** 10050.
- Nerita ursicinensis.* **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (213).
- Nucula doucieusi* n. nov. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).
- *whitei* n. nom. **Cossmann.** 9857.
- Oliva praenominata* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).
- Orthoceras sinuosum* n. sp. **Mansuy.** 10049.
- Ostrea netschaewi* n. nom. **Cossmann.** 9857.
- Palaeoneilo triangularis* n. sp. **Mansuy.** 10050.
- Paratibetites* nn. spp. **Mansuy.** 10049.
- Pecten fimbriatus* n. sp. **Mansuy.** 10049.
- Pecten laosensis* n. sp. **Mansuy.** 10050.
- Phacoides rauvaicicus* n. nom. **Cossmann.** 9857.
- Pirula saccoi* n. nom. **Cossmann.** 9857.
- Pleurophorus tricarinatus* n. sp. **Mansuy.** 10050.
- Pleurotoma correcta* n. nom. **Cossmann.** 9857.
- Pleurotomaria* nn. spp. **Mansuy.** 10049.
- Porcellia jullidieri* n. sp. **Mansuy.** 10049.
- Prolaria orientalis* n. sp. **Mansuy.** 10050.
- Psammobia jourdyi* n. nom. **Cossmann.** 9857.
- Pseudomonotis* nn. spp. **Mansuy.** 10050.
- *plicatuboides* n. sp. **Mansuy.** 10049.
- Rugaticala* n. subgen. **Boury, de.** 9806.
- Scalaria* nn. spp. **Boury, de.** 9806.
- Schizodus malani* n. sp. **Mansuy.** 10049.
- Scutalina* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).
- Solariella oppenheimi* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).
- Soleniscus sycunoides* n. sp. **Mansuy.** 10049.
- Taneredia* nn. spp. **Mansuy.** 10050.
- Tentaculites irregularis* n. sp. **Mansuy.** 10050.
- Thracia mayeri* n. nom. **Cossmann.** 9857.
- *microconcha* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (213).
- Trachyceras* nn. spp. **Mansuy.** 10049.
- Turbikilopsis sinensis* n. sp. **Mansuy.** 10049.
- Turbonilla adamsi* n. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (217).
- Turritella* nn. nom. **Cossmann.** Rev. crit. Paléozool. Paris **16** 1912 (214).
- nn. nom. **Cossmann.** 9857.
- Warthia subcarinata* n. sp. **Mansuy.** 10049.
- Yunnania* nn. spp. **Mansuy.** 10049.

2231.50 LOWER PALAEOZOIC.
GENERAL.

GENERAL.

Vinassa de Regny. 10240. Rilevamento nelle tavolette di Paluzza e Prato-carnico (Alpi venete).

SPECIAL.

Actinopteria n. spp. Maine, Silurian. **Williams.** 10261.

Bellerophon consimilis n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Callonema pristina n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Colpomya abrupta n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Clendonta subelliptica n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Cypricardinia subquadrata n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Darsonoceras tenuilineatum n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Diaphorostoma n. sp. et var. Illinois and Missouri, Silurian. **Savage.** 10157.

Grammysia pembrokensis n. sp. Maine, Silurian. **Williams.** 10261.

Holopea minuta n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Hormotoma tenera n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Isotelus longaevis n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Leiopteria rubra n. sp. Maine, Silurian. **Williams.** 10261.

Lophospira nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Lucina mitchelli sp. n. Lilydale, Victoria, Silurian. **Pritchard.** 10138.

Modiolopsis concinna n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

———— *leightoni* n. sp. Maine, Silurian. **Williams.** 10261.

Nuculites corrugata n. sp. Maine, Silurian. **Williams.** 10261.

Orthonota paranensis n. sp. **Kozlowski.** 10021.

Palaeopecten n. gen. et spp. Maine, Silurian. **Williams.** 10261.

Polunmita bellasculptilis n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

Pterinea nn. spp. Illinois and Missouri, Silurian. **Savage.** 10157.

Straparillus pumilis n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

2231.55 UPPER PALAEOZOIC.

GENERAL.

Blackwelder. 9792. New or little known Paleozoic faunas from Wyoming and Idaho.

Depéret et Mazeran. 9869. Les *Estheria* du Permien d'Autun.

Deprat et Mansuy. Etude géologique du Yun-nan oriental. III^e Partie: Etude des Fusulinidées de Chine et d'Indo-Chine et classification des calcaires: Fusulines par J. Deprat.

Katzer. 10001. Die Braunkohlenablagerung von Banjaluka in Bosnien.

Licharev. 10036. Die Fauna der permischen Ablagerungen aus der Umgebung der Stadt Kirillow im Gouvernement Nowgorod.

SPECIAL.

Acanthopecten ohioensis n. sp. Ohio, Carboniferous. **Mark.** 10053.

Aclisina nn. spp. Ohio, Carboniferous. **Mark.** 10053.

Actinopteria boydi gibbosa n. var. Maryland, Devonian. **Prosser.** 10142.

———— *virginica* Ohern n. sp. Maryland, Devonian. **Ohern and Maynard.** 10103.

Amphicoelia ulrichi Maynard n. sp. Maryland, Devonian. **Ohern and Maynard.** 10103.

Astartella portersvillensis n. sp. Ohio, Carboniferous. **Mark.** 10053.

Avicula collinensis n. sp. **Vinassa de Regny.** 10240.

Aviculopecten? cumberlandensis Ohern n. sp. Maryland, Devonian. **Ohern and Maynard.** 10103.

———— *sprentii*. Tasmania, Permian-Carboniferous. **Dun.** 9888.

Bellerophon nn. spp. Maryland, Devonian. **Clarke and Swartz.** 9846.

———— *helderbergiae* Maynard n. sp. Maryland, Devonian. **Ohern and Maynard.** 10103.

———— *Heros* Spitz. **Gortani.** 9940.

Buchiola mariae n. sp. Maryland, Devonian. **Clarke and Swartz.** 9846.

- Congerina*. Braunkohlen, Bosnien.
Katzer. 10001.
- Conocardium* spp. **Gortani**. 9940.
——— *cumberlandiae* Swartz n. sp.
Maryland, Devonian. **Prosser**. 10142.
- Cyclonema* n. sp. et var. Maryland,
Devonian. **Prosser**. 10142.
- Cyclonemina* n. spp. et var. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Cypriocardia* nn. spp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Cypriocardia* n. sp. et var. Maryland,
Devonian. **Clarke and Swartz**. 9846.
——— spp. **Gortani**. 9940.
- Cyrtoceras acuterostatum*. **Gortani**.
9940.
——— ? *dubium* Swartz n. sp.
Maryland, Devonian. **Ohern and Maynard**.
10103.
- Ectomaria* nn. spp. Maryland, Devo-
nian. **Clarke and Swartz**. 9846.
- Entolium prosseri* n. sp. Ohio Car-
boniferous. **Mark**. 10053.
- Euomphalus* sp. **Girty**. 9934.
- Eurydesma hobartense*. Tasmania,
Permo-Carboniferous. **Dun**. 9888.
- Gomphoceras poculum* (Whidbon). **Gor-
tani**. 9940.
- Holopeu* nn. spp. Maryland, Devonian.
Clarke and Swartz. 9846.
- Hormotoma bistrata* n. sp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Kelneia tuelvetreysi* n. sp. Tasmania,
Permo-Carboniferous. **Dun**. 9888.
- Leda meekana* n. nom. Ohio, Carboni-
ferous. **Mark**. 10053.
- Leptodesma elongatum* n. sp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Liopteria* nn. spp. Maryland, Devo-
nian. **Clarke and Swartz**. 9846.
- Loxonema* (?) *glabrum* n. sp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Lunulicardium cymbula* n. sp. Mary-
land, Devonian. **Clarke and Swartz**.
9846.
- Maerochilina pulchella* n. sp. Mary-
land, Devonian. **Clarke and Swartz**.
9846.
- Melania*. Bosnien, Braunkohlen.
Katzer. 10001.
- Mytilarca* nn. spp. Maryland, Devo-
nian. **Ohern and Maynard**. 10103.
- Mytilus carnicus* n. sp. **Gortani**.
9940.
- Nucula monumentorum* n. sp. **Gortani**.
9940.
- Nuculites grabau* n. sp. Maryland,
Devonian. **Prosser**. 10142.
- Orthoceras* sp. **Gortani**. 9940.
——— *schucherti* Maynard n. sp.
Maryland, Devonian. **Ohern and May-
nard**. 10103.
- Orrhonema bilineatum* n. sp. Ohio,
Carboniferous. **Mark**. 10053.
- Orthonychia* spp. **Gortani**. 9940.
——— nn. spp. Maryland, Devo-
nian. **Clarke and Swartz**. 9846.
- Palaeonilo crassa* n. sp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
——— n. sp. et var. Maryland,
Devonian. **Prosser**. 10142.
- Palaeosolen minutus* n. sp. Maryland,
Devonian. **Prosser**. 10142.
- Paleopinna lata* **Ohern** n. sp. Mary-
land, Devonian. **Ohern and Maynard**.
10103.
- Panenka obsolescens* **Kindle** n. sp. Mary-
land, Devonian. **Prosser**. 10142.
- Paracyclas marylandica* n. sp. Mary-
land, Devonian. **Clarke and Swartz**.
9846.
- Platyceras* nn. spp. Maryland, Devo-
nian. **Clarke and Swartz**. 9846.
——— nn. spp. Maryland, Devo-
nian. **Ohern and Maynard**. 10103.
——— nn. spp. **Gortani**. 9940.
- Platyostoma* nn. spp. **Gortani**. 9940.
- Pleurotomaria* nn. spp. Permian.
Russia. **Licharev**. 10036.
- Polytropis* sp. **Gortani**. 9940.
- Pterinea nodocosta* n. sp. Maryland,
Devonian. **Clarke and Swartz**. 9846.
- Schizodus* nn. spp. Maryland, Devo-
nian. **Clarke and Swartz**. 9846.
- Soleniscus aplatatus* n. sp. Ohio, Car-
boniferous. **Mark**. 10053.
- Spyroceras clarkei* n. sp. Maryland,
Devonian. **Prosser**. 10142.
- Straparollus marylandicus* n. sp. Mary-
land, Devonian. **Clarke and Swartz**.
9846.
- Tancrediopsis clarkei* n. sp. Maryland,
Devonian. **Prosser**. 10142.

Tentaculites bellulus potomacensis
n. var. Maryland, Devonian. **Prosser.**
10142.

———— *descissus* n. sp. Maryland,
Devonian. **Clarke and Swartz.** 9846.

———— *Zulii* n. sp. **Gortani.** 9940.

Tornoceras n. f. **Gortani.** 9940.

———— **Vinassa de Regny.** 10240.

Turbo coronola n. sp. Maryland, De-
vonian. **Clarke and Swartz.** 9846.

Worthenia beedi n. sp. Ohio, Car-
boniferous. **Mark.** 10053.

2231.60 MESOZOIC (GENERAL).

GENERAL.

Geyer. 9925. Geologischen Bau der
Warscheneckgruppe im Toten Gebirge.

SPECIAL.

Arca Jurana n. sp. Jura. **Rollier.**
10152.

Astarte nn. spp. Jura. **Rollier.**
10152.

Cardium nn. spp. Jura. **Rollier.**
10152.

Cucullaea nn. spp. Jura. **Rollier.**
10152.

Diceras portlandicum n. sp. Jura.
Rollier. 10152.

Isoarca nn. spp. Jura. **Rollier.** 10152.

Leda Matheyi n. sp. Jura. **Rollier.**
10152.

Myoconcha nn. spp. Jura. **Rollier.**
10152.

Nucula Montevotensis n. sp. Jura.
Rollier. 10152.

Pachyerisma nn. spp. Jura. **Rollier.**
10152.

Praeconia liasina n. sp. Jura. **Rollier.**
10152.

Trigonia nn. sp. Jura. **Rollier.** 10152.

2231.65 TRIASSIC.

GENERAL.

Airaghi. 9763. Ammoniti degli
Schisti bituminosi di Besano in Lombardia.

Kittl. 10008. Beiträge zur Mono-
graphie der Halobiiden und Monotiden
des Trias. (Ungarisch.)

Koken. 10018. Schichten von Heili-
genkreuz (Abteital, Südtirol).

(κ-9180)

SPECIAL.

Acilia insecta n. sp. Ungarn. **Kittl.**
10009.

Acrochordiceras spp. Kashmir,
Muschelkalk. **Diener.** 9880.

Actaconina nn. spp. et var. Deutschl.,
Muschelkalk. **Hohenstein.** 9976.

Anauropsis nn. spp. Ungarn. **Kittl.**
10009.

Avodontophora patarkulensis n. sp.
Kashmir, Muschelkalk. **Diener.** 9880

———— *subrecta* n. sp. Ungarn.
Bittner. 9790.

Anomia. Südtirol. **Koken.** 10018.

———— *alpina* Winkl. Ungarn.
Bittner. 9790.

———— *triadica* n. sp. Kashmir,
Muschelkalk. **Diener.** 9880.

Anoptychia canalifera (Mstr.). Ungarn.
Kittl. 10009.

Arca nuda Münst. **Tommasi.** 10230.

Arcomya Sansonii Salom. **Tommasi.**
10230.

Arcoptera indica n. sp. Kashmir,
Muschelkalk. **Diener.** 9880.

Australium turritum n. sp. Ungarn.
Kittl. 10009.

Aracula nn. spp. Ungarn. **Bittner.**
9790.

———— nn. nom. et spp. **Tommasi.**
10230.

———— *Laczkoï* n. sp. Ungarn.
Frech. 9913.

———— *mediocaleis* n. sp. Schwarz-
wald, Muschelkalk. **Hohenstein.** 9976.

———— *pastanahensis* n. sp.
Kashmir, Muschelkalk. **Diener.** 9880.

Ariculopecten elegantulus sp. n. Ungarn.
Bittner. 9790.

Badiotella spp. nn. spp. **Tommasi.**
10230.

Beyrichites spp. Kashmir, Muschelkalk.
Diener. 9880.

Buddhites rama Dien. Kashmir,
Muschelkalk. **Diener.** 9880.

Cardita spp. Ungarn. **Bittner.** 9790.

———— *Pichleri* Bittn. Ungarn.
Frech. 9913.

Carnidia n. gen. et sp. *paucimica.*
Ungarn. **Bittner.** 9790.

- Cassianella ampezzana* mut. *praeursor* nov. Ungarn. **Frech.** 9913.
- *angusta* Bittn. Ungarn. **Bittner.** 9790.
- Ceratites* spp. Kashmir, Muschelkalk. **Diener.** 9880.
- Coelostylina* nn. spp. Ungarn. **Kittl.** 10009.
- nn. spp. Deutschl., Muschelkalk. **Hohenstein.** 9976.
- Collonia plicicostata* n. sp. Ungarn. **Kittl.** 10009.
- Conularia* sp. Kashmir, Muschelkalk. **Diener.** 9880.
- Cornucardia* n. nom. *ex aff.* *Physocardia*. **Koken.** 10018.
- Craspedodon* n. gen. et sp. *Hornigii*. Ungarn. **Bittner.** 9790.
- Cruciella* n. gen. **Koken.** 10018.
- Ctenodonta* nn. mut. Ungarn. **Frech.** 9913.
- Cuspidaria*. Ungarn. **Bittner.** 9790.
- Daonella* sp. **Tommasi.** 10230.
- Ungarn. **Bittner.** 9790.
- Delphinulopsis binodosa* (Mstr.). Ungarn. **Kittl.** 10009.
- Dicerocardium* nn. spp. et varr. Ungarn. **Frech.** 9913.
- Dimyodon*. Ungarn. **Frech.** 9913.
- Dimyopsis* n. gen. et spp. Ungarn. **Bittner.** 9790.
- Emarginula Münsteri* Pict. Ungarn. **Kittl.** 10009.
- Enantiostreon* n. gen. et sp. Ungarn. **Bittner.** 9790.
- Ungarn. **Kittl.** 10009.
- Euchrysalis germanica* n. sp. Muschelkalk. **Hohenstein.** 9976.
- Eucyloscala* nn. spp. Ungarn. **Kittl.** 10009.
- Euomphalus* sp. Kashmir, Muschelkalk. **Diener.** 9880.
- *cassianus* **Koken.** Ungarn. **Kittl.** 10009.
- Euryalox Böckhi* n. sp. Ungarn. **Kittl.** 10009.
- Euthystylus balatonicus* n. sp. Ungarn. **Kittl.** 10009.
- Fedaiella somensis* n. sp. Ungarn. **Kittl.** 10009.
- Flemingites*. Kashmir, Lower Trias. **Diener.** 9880.
- Fusus nodosocarينات* Mstr. Ungarn. **Kittl.** 10009.
- Gervilleia* n. spp. et var. Ungarn. **Bittner.** 9790.
- Ung. **Frech.** 9913.
- *leptopleura* Sal. 10230. **Tommasi.** 10230.
- Glyptochrysalis anthophylloides* (Klipst.). Ungarn. **Kittl.** 10009.
- Gonodon cingulatus*. Ungarn. **Bittner.** 9790.
- Gonodus* nn. spp. **Tommasi.** 10230.
- Grypoceras vihanum* n. sp. Kashmir, Muschelkalk. **Diener.** 9880.
- Gymnites* spp. Kashmir, Muschelkalk. **Diener.** 9880.
- Halobia rugosa* Gumb. **Bittner.** 9790.
- Hoernesia bhavana* n. sp. Kashmir, Upper Trias. **Diener.** 9880.
- *Ioannis*. Ungarn. **Bittner.** 9790.
- Hoferia exsul* n. sp. Ungarn. **Bittner.** 9790.
- Hologyya amabilis* n. sp. Deutschl., Muschelkalk. **Hohenstein.** 9976.
- *progressa* nn. sp. **Kittl.** Ungarn. **Kittl.** 10009.
- Hungarites middlemissii* n. sp. Kashmir, Lower Trias. **Diener.** 9880.
- Hypsipleura subnodosa* (Klipst.) Ungarn. **Kittl.** 10009.
- Inyoites Kashmiricus* n. sp. Kashmir, Lower Trias. **Diener.** 9880.
- Isulites middlemissii* n. sp. Kashmir, Muschelkalk. **Diener.** 9880.
- Kashmirites* n. gen. et spp. Kashmir, Lower Trias. **Diener.** 9880.
- Katosira veszprimiensis* **Kittl.** Ungarn. **Kittl.** 10009.
- Kokenella* spp. Ungarn. **Kittl.** 10009.
- Laubella delicata* (Laube). Ungarn. **Kittl.** 10009.
- Leda excavata*. Ungarn. **Frech.** 9913.
- Ungarn. **Bittner.** 9790.
- Lima* nn. spp. Ungarn. **Bittner.** 9790.
- spp. Kashmir, Upper Trias. **Diener.** 9880.
- *Kochi* n. sp. Ungarn. **Frech.** 9913.

- Limea* sp. Ungarn. **Bittner**. 9790.
- Lithophagus*. Ungarn. **Bittner**. 9790.
- (?) sp. **Diener**. 9880.
- Loxonema* spp. et nn. spp. Ungarn. **Kittl**. 10009.
- *mediocleis* n. sp. Deutschl., Muschelkalk. **Hohenstein**. 9976
- Loxotomella ciusensis* **Kittl**. Ungarn. **Kittl**. 10009.
- Luciella infrasinuata* **Koken**. Ungarn. **Kittl**. 10009.
- Luciellina* n. gen. et spp. Ungarn. **Kittl**. 10009.
- Lucodus praeliussicus* n. sp. Ungarn. **Frech**. 9913.
- Macrochilina* spp. Ungarn. **Kittl**. 10009.
- Macrodon* nn. spp. Ungarn. **Bittner**. 9790.
- Ungarn. **Frech**. 9913.
- Macrodon* sp. **Tommasi**. 10230.
- Marmoratella* sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Marmoratella Telleri* (**Kittl**). Ungarn. **Kittl**. 10009.
- Meekoceras* spp. Kashmir, Lower Trias. **Diener**. 9880.
- Megalodus*. Südtirol. **Koken**. 10018.
- n. sp. **Frech**. 9913.
- Modiola* sp. Kashmir, Muschelkalk. **Diener**. 9880.
- spp. Ungarn. **Bittner**. 9790.
- *Salzstettensis* n. sp. Schwarzwald, Muschelkalk. **Hohenstein**. 9976.
- Mojavaroceras* spp. Kashmir, Muschelkalk. **Diener**. 9880.
- Murchisonia (Cheilotoma) hungarica* n. sp. Ungarn. **Kittl**. 10009.
- Myacites* n. sp. et var. Ungarn. **Bittner**. 9790.
- Myalina eduliformis* n. mut. *praeursor*. Ungarn. **Frech**. 9913.
- *vetusta* **Ben.** Ungarn. **Bittner**. 9790.
- Myoconcha* nn. spp. Ungarn. **Bittner**. 9790.
- Ungarn. **Frech**. 9913.
- **Tommasi**. 10230.
- Myophoria*. Südtirol. **Koken**. 10018.
- *middlemissii* n. sp. Kashmir, Upper Trias. **Diener**. 9800.
- Myophoria* nn. spp. **Frech**. 9913.
- n. sp. et var. Deutschl., Muschelkalk. **Hohenstein**. 9976.
- n. sp. et var. Ungarn. **Bittner**. 9790.
- n. var. **Tommasi**. 10230.
- Myophoriopsis*. Ungarn. **Bittner**. 9790.
- *plana* n. sp. Deutschl., Muschelkalk. **Hohenstein**. 9976.
- Mysidia*. Ungarn. **Frech**. 9913.
- Mysidioptera*. Südtirol. **Koken**. 10018.
- nn. spp. Ungarn. **Bittner**. 9790.
- nn. spp. et var. **Tommasi**. 10230.
- *silvatica* n. sp. Ungarn. **Frech**. 9913.
- Mysidioptera ezimia* n. sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Mytiliconcha* n. gen. et sp. **Tommasi**. 10230.
- Mytilus acntecarinatus* n. sp. Ungarn. **Bittner**. 9790.
- Nannites* n. sp. ind. (?) Kashmir, Lower Trias. **Diener**. 9880.
- Naticella Langi* n. sp. Deutschl., Muschelkalk. **Hohenstein**. 9976.
- *striatocostata* (**Mstr.**). Ungarn. **Kittl**. 10009.
- Naticopsis*. Ungarn. **Kittl**. 10009.
- *mediocleis* n. sp. Deutschl., Muschelkalk. **Hohenstein**. 9976.
- Neritaria* spp. **Kittl**. 10009.
- Neritopsis*. Ungarn. **Kittl**. 10009.
- Nucula*. Ungarn. **Bittner**. 9790.
- sp. n. Ungarn. **Frech**. 9913.
- Omphaloptycha* nn. spp. et var. Deutschl., Muschelkalk. **Hohenstein**. 9976.
- spp. et n. sp. Ungarn. **Kittl**. 10009.
- Oonia* sp. Ungarn. **Kittl**. 10009.
- Ophiceras* spp. Kashmir, Lower Trias. **Diener**. 9880.
- Opis praeladina* n. sp. Ungarn. **Frech**. 9913.
- Orthoceras* sp. Kashmir, Lower Trias. Muschelkalk. **Diener**. 9880.

- Ostrea montis capriliis*. Ungarn. **Bittner**. 9790.
- Palaeoneilo distincta*. Ungarn. **Bittner**. 9790.
- Palaeotriton* sp. **Kittl**. 10009.
- Paranautilus Kashmiricus* n. sp. **Diener**. 9880.
- Pecten* spp. et nn. spp. **Tommasi**. 10230.
- spp. et n. sp. Kashmir, Upper Trias. **Diener**. 9880.
- nn. spp. Ungarn. **Bittner**. 9790.
- n. sp. Ungarn. **Frech**. 9913.
- Perna* sp. ind. Kashmir, Muschelkalk. **Diener**. 9880.
- Physocardia*. Südtirol. **Koken**. 10018.
- Ungarn. **Frech**. 9913.
- Pinacoceras* sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Pinna* sp. **Tommasi**. 10230.
- Pleuromya* nn. spp. Ungarn. **Bittner**. 9790.
- *Loeschmanni*. Ungarn. **Frech**. 9913.
- Pleuonautilus*. Südtirol. **Koken**. 10018.
- Pleurophorus* sp. Kashmir, Upper Trias, Muschelkalk. **Diener**. 9880.
- Plicatula* sp. **Tommasi**. 10230.
- Posidonia*. Südtirol. **Koken**. 10018.
- *wengensis* n. mut. *alta*. Ungarn. **Frech**. 9913.
- Prionites guryulensis* n. sp. Kashmir, Lower Trias. **Diener**. 9880.
- Promathildia* sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Südtirol. **Koken**. 10018.
- spp. et nn. spp. **Kittl**. 10009.
- Prostylifer* sp. Ungarn. **Kittl**. 10009.
- Proteites indicus* n. sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Protorcula* sp. Ungarn. **Kittl**. 10009.
- Pseudomelania goniophana* n. sp. Ungarn. **Kittl**. 10009.
- Pseudomonotis* nn. spp. Ungarn. **Bittner**. 9790.
- Pseudomonotis* spp. Kashmir, Upper Trias. **Diener**. 9880.
- Russia and N. America, Triassic. **Wittenberg**. 10267.
- Pseudosageceras clavisellatum* n. sp. Kashmir, Lower Trias. **Diener**. 9880.
- Ptychites* n. sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Purpurina*. Ungarn. **Kittl**. 10009.
- Purpuroidea* spp. Ungarn. **Kittl**. 10009.
- Rhynchonella* spp. et *lamana* n. sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Schizogonium* spp. Ungarn. **Kittl**. 10009.
- Scurria* sp. ind. Kashmir, Muschelkalk. **Diener**. 9880.
- Serpulopsis* n. gen. et sp. Ungarn. **Kittl**. 10009.
- Sibivites kashmiricus* n. sp. Kashmir, Lower Trias. **Diener**. 9880.
- Sisenna* nn. spp. Ungarn. **Kittl**. 10009.
- Smithoceras herminae* n. sp. Kashmir, Muschelkalk. **Diener**. 9880.
- Soleuomya abbreviata* n. sp. Ungarn. **Frech**. 9913.
- *semseyana* n. sp. Ungarn. **Bittner**. 9790.
- Spirocyclina*. Ungarn. **Kittl**. 10009.
- Spirostylus* spp. Ungarn. **Kittl**. 10009.
- Stephanites* sp. Kashmir, Lower Trias. **Diener**. 9880.
- Stephanocosmia dolomitica* n. sp. Ungarn. **Kittl**. 10009.
- Stuorella* spp. Ungarn. **Kittl**. 10009.
- Syringonautilus* sp. ind. Kashmir, Muschelkalk. **Diener**. 9880.
- Thuringionautilus* sp. ind. Kashmir, Muschelkalk. **Diener**. 9880.
- Trigonodus* sp. ind. Kashmir, Upper Trias. **Diener**. 9880.
- *postrabiensis* n. sp. Ungarn. **Frech**. 9913.
- Trypanostylus* spp. Ungarn. **Kittl**. 10009.
- Turbo* spp. Ungarn. **Kittl**. 10009.
- Turciella katrabocensis* n. sp. Ungarn. **Kittl**. 10009.
- Turritella*. Ungarn. **Kittl**. 10109.

Undularia spp. Ungarn. **Kittl.**
10009.

———— nn. spp. Deutschl., Muschel-
kalk. **Hohenstein.** 9976.

Vishnutes. Kashmir, Lower Trias.
Diener. 9880.

Worthenia. Kashmir, Muschelkalk.
Diener. 9880.

———— nn. spp. Ungarn. **Kittl.**
10009.

Xenodiscus nn. spp. Kashmir, Lower
Trias. **Diener.** 9880.

2231.70 JURASSIC.

GENERAL.

Cytovič. 9860. Sur quelques am-
monites calloviens de la Crimée et du
Mangyschlak.

Dareste de la Chavanne. Monographie
paléontologique d'une faune de l'Infralias
du Nivernais méridional.

Fabiani. 9897. Fauna dei Calcari
Grigi della valle del Chiampo (Vicenza).

Favre. 9900. Les *Opelia* du Jurassique
moyen.

Fucini. 9917. Fossili nuovi o interes-
santi del Batoniano del Sarcidano di
Iaconi in Sardegna.

———— 9918. Alcune interessanti
ammoniti di Pioraco nello Appennino
centrale.

———— 9919. Lo Schiarmuziano
superiore nella valle di Fiastrone presso
Bologna.

Gemmellaro. 9921. Sui fossili degli
strati a *Terebratala Aspasia* della contrada
Rocche Rosse presso Galati (Messina).
Cefalopodi (Fine), Gastropodi.

Haas. 9952. Die Fauna des mittleren
Lias von Ballino in Südtirol. II. Teil.

Meister. 10063. Zur Kenntnis der
Ammonitenfauna des portugiesischen Lias.

Pia. 10130. Mittelliasische Cephalo-
podenfauna aus dem nordöstlichen Kleinasien.

Renz. 10148. Geologie des östlichen
Kaukasus.

Sokolov. 10194. Aucellen aus dem
Norden und Osten von Sibirien.

———— 10195. Types et paratypes
de C. F. Rouiller et G. A. Trautschold
dans la collection de Fahrenkol provenant
de Galieva.

SPECIAL.

Acanthopleuroceras. Südtirol, Lias.
Haas. 9952.

Alaria fairbanksi n. sp. California,
Jurassic. **Davis.** 9864.

Amaltheus renzi n. sp. Portugal, Lias.
Meister. 10063.

Amberleya groenlandica n. sp. N.E.
Greenland, Jurassic. **Ravn.** 10145.

Amphiceras apenninicum n. sp. **Fucini.**
9918.

Ampullina. **Fabiani.** 9897.

Angularia nivernensis n. sp. **Dareste**
de la Chavanne. 9863.

Aptychus atlanticus sp. n. Cap Verden,
Jura. **Hennig.** 9968.

Aptyziella. **Fabiani.** 9897.

Arieticeras. Kleinasien, Mittellias.
Pia. 10130.

Arietites. Südtirol, Lias. **Haas.**
9952.

Astarte alta n. sp. N.E. Greenland,
Jurassic. **Ravn.** 10145.

Atractites. Lias. Südtirol. **Haas.**
9952.

———— Mittellias, Kleinasien. **Pia.**
10130.

Aucellina F. Schmidtii n. sp. Siberia.
Sokolov. 10196.

Aulacostephanus (?) *groenlandicus*
n. sp. N.E. Greenland, Jurassic. **Ravn.**
10145.

Avicula. **Fabiani.** 9897.

Beliennites. Südtirol, Lias. **Haas.**
9952.

———— **Gemmellaro.** 9921.

Calliostoma nn. spp. **Gemmellaro.**
9921.

Chemnitzia galatensis n. sp. **Gemmel-**
laro. 9921.

Chlamys spp. et n. sp. **Fabiani.** 9897.

Chrysostoma Seguenzai n. sp. **Gemmel-**
laro. 9921.

Coeloceras. Kleinasien, Mittellias. **Pia.**
10130.

———— **Fucini.** 9919.

Celostylina ventricosa n. sp. **Dareste**
de la Chavanne. 9863.

Cosmoceras boreale n. sp. N.E. Green-
land, Jurassic. **Ravn.** 10145.

Cryptaenia. **Gemmellaro.** 9921.

- Cupaniella* n. gen. et sp. **Gemmellaro**. 9921.
- Cypricardia*. **Fabiani**. 9897.
- Discohelix* nn. spp. **Gemmellaro**. 9921.
- Emarginula Vedanae* n. sp. Vedana, Liasique. **de Toni**. 10233.
- Eucyclus*. **Gemmellaro**. 9921.
- Fuciniceras* n. nom. subgen. v. *Harpoceas*. Südtirol, Lias. **Haas**. 9952.
- Harpoceas*. Südtirol, Lias. **Haas**. 9952.
- **Fucini**. 9919.
- Hildoceras*. **Fucini**. 9918 & 9919.
- *bifrons* nn. varr. Portugal, Lias. **Meister**. 10063.
- Hinnites*. **Fucini**. 9917.
- Inoceramus lucianus* n. sp. California, Jurassic. **Davis**. 9864.
- Levisiella*. Terebratula. Messina. **Gemmellaro**. 9921.
- Lima* spp. **Fabiani**. 9897 & 9917.
- Lucina*. **Fucini**. 9917.
- Lytoceras*. Südtirol, Lias. **Haas**. 9952.
- **Fucini**. 9919.
- *polare* n. sp. N.E. Greenland, Cretaceous. **Ravn**. 10145.
- Macrodom* n. spp. N.E. Greenland, Jurassic. **Ravn**. 10145.
- Microdoceras*. Kleinasien, Mittellias. **Pia**. 10130.
- Modiola* spp. **Fabiani**. 9897.
- Mytilus mirabilis* Leps. **Fabiani**. 9897.
- Nautilus* spp. nn. spp. **Gemmellaro**. 9921.
- Kleinasien, Mittellias. **Pia**. 10130.
- Nerinea* sp. **Fucini**. 9917.
- Neritopsis*. **Fabiani**. 9897.
- **Gemmellaro**. 9921.
- *Fabianii* n. sp. Vedana, Liasique. **de Toni**. 10233.
- Opis* spp. **Fabiani**. 9897.
- Ostrea*. **Fucini**. 9917.
- Parallelodon*. **Fabiani**. 9897.
- Pecten* spp. et n. sp. **Fucini**. 9917.
- *Broenlundi* n. sp. N.E. Greenland, Jurassic. **Ravn**. 10145.
- *hayfordus* n. sp. California, Jurassic. **Davis**. 9864.
- Perna groenlandica* n. sp. N.E. Greenland, Jurassic. **Ravn**. 10145.
- Phylloceras*. **Fucini**. 9919.
- Südtirol, Lias. **Haas**. 9952.
- Kleinasien, Mittellias. **Pia**. 10130.
- Pleuromya* (?) *undulata* n. sp. California, Jurassic. **Davis**. 9864.
- Pleurotomaria* spp. **Gemmellaro**. 9921.
- *planispira* n. sp. **Dareste de la Chavanne**. 9863.
- Promathildia bicarinata* n. sp. **Dareste de la Chavanne**. 9863.
- *demonensis* n. sp. **Gemmellaro**. 9921.
- Pteroperna*. **Fucini**. 9917.
- Purpurina*. **Fabiani**. 9897.
- Rhacophyllites*. Südtirol, Lias. **Haas**. 9952.
- *costicillatus* n. sp. **Fucini**. 9919.
- Kleinasien, Mittellias. **Pia**. 10130.
- Rigauxia gracilis* n. sp. **Dareste de la Chavanne**. 9863.
- Stephanocosmia nodulosa* n. sp. **Dareste de la Chavanne**. 9863.
- Teimostoma macrostoma* n. var. *angulata*. **Gemmellaro**. 9921.
- Tellina tenuistriata* n. sp. California, Jurassic. **Davis**. 9864.
- Tretospira azyensis*, n. sp. **Dareste de la Chavanne**. 9863.
- Trigonia*. **Fucini**. 9917.
- Trochus* spp. n. sp. **Gemmellaro**. 9921.
- Tropidoceras*. Kleinasien, Mittellias. **Pia**. 10130.
- Turbo*. **Gemmellaro**. 9921.
- Unicardium*. **Fucini**. 9917.
- Uptonia*. Kleinasien, Mittellias. **Pia**. 10130.
- Vermiceras* nn. spp. **Fucini**. 9918.
- Zygopleura carinifera* n. sp. **Dareste de la Chavanne**. 9863.
- *dubia* n. sp. **Gemmellaro**. 9921.

2231.75 CRETACEOUS.

GENERAL.

Bordage. 9803. Sur une ammonite géante trouvée à Saint-Georges des Coteaux (Charente-Inférieure).

Jadot. 9987. Quelques remarques du *Inoceramus involutus* Sow. du Crétacé supérieur.

Klinghardt. 10011. Vergleichend-anatomische und biologische Untersuchungen einer neuen Rudistenfauna aus Friaul.

Laurent. 10027. Beiträge zur Kenntnis der westfälischen Kreide [*Radiolites*].

Meunier. 10076. Échantillon d'*Inoceramus* provenant de la craie blanche du Pas-de-Calais et sur la série des phénomènes géologiques dont il a conservé des traces.

Nackij. 10092. Die Zone mit *Hoplites* (*Leipneriella*) *tardifurcatus* Leym. an Mangyschlak.

Parona. 10117A. Le Rudiste del Senoniano di Ruda sulla costa meridionale dell' Isola di Lissa.

————— 10118. Per lo studio del Neocretaceo del Friuli occidentale.

————— 10119. Nuovo studi delle Rudiste dello Appennino (Radiolitidi).

Pervinquière. 10126. Etudes de paléontologie tunisienne. II. Gastropodes et Lamellibranches des terrains crétacés.

Zwierzycki. 10275. Zur Frage der Unteren Kreide in Portugiesisch Mozambique.

SPECIAL.

Anatimya prisca n. sp. Taworski auct. Peru. Kreide. **Sommermeier.** 10199.

Aporrhais subalbostus n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Apriocardia spp. **Erasmus (D.).** 9893.

Aucella nn. spp. Russia. **Sokolov.** 10194.

Avicula flicki n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Biradiolites Dainelli n. sp. **Parona.** 10119.

————— *fasciger* n. sp. Deutschl., Kreide. **Scupin.** 10172.

Bournonia spp. **Parona.** 10119.

————— **Parona.** 10117A.

————— *leocqi* n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Calyptrea bonvi n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Cerithium nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Corbis alapetitei n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Crassatella nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Crenella striatula n. sp. Deutschl., Kreide. **Scupin.** 10172.

Cucullaea nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Distefanella spp., n. sp. **Parona.** 10119.

Durania spp., nn. spp. **Parona.** 10119.

————— *bertholoni* n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

————— **Parona.** 10117.

————— *Martellii* n. sp. **Parona.** 10117A.

Eoradiolites spp. **Parona.** 10119.

Emmargarita trozzensis n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Exogyra conica n. var. *declivis*. Deutschl., Kreide. **Scupin.** 10172.

Fasciolaria desjardinsi n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Fissurella donani n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Fusus fagesi n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Granocardium Beyschlagi n. sp. Deutschl., Kreide. **Scupin.** 10172.

Inoceramus siccaensis n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

————— *Wollussowitschi* n. sp. Siberia. **Sokolov.** 10196.

Isocardia sudetica n. sp. Deutschl., Kreide. **Scupin.** 10172.

Kepplevites Tychonis n. sp. N.E. Greenland, Jurassic. **Ravn.** 10145.

Lapeyrousia. **Parona.** 10117A, 10119.

Lucina calmoni n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Lyonsia Germari n. var. *crassa.* **Scupin.** 10172.

Macrodon Joh. Boehmi. Deutschl., Senon. **Scupin.** 10172.

Marginella garumantica n. sp. Tunisie, Crétacée. **Pervinquière.** 10126.

Mesostoma Charlottae n. sp. Deutschl., Senon. **Scupin.** 10172.

Misalia foucheri n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Modiolaria micheli n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Mihlala haugi n. gen. et sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Mytilus nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Natica bouveti n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Nerinea byzacenica n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Nucula productoides n. nom. **Scupin.** 10172.

Ostra nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Panopaea nn. spp. Deutschl., Kreide. **Scupin.** 10172.

Pecten shawi. Tunisie, Crétacée. **Pervinquieré.** 10126.

Pectunculus senoniensis n. sp. Deutschl., Emscher. **Scupin.** 10172.

Perna Zimmermanni n. sp. Deutschl., Kreide. **Scupin.** 10172.

Pleurotomaria cœzi n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

——— *Reussi* n. n. Reuss. **Scupin.** 10172.

Plicatula Drescheri n. nom. Drescher. **Scupin.** 10172.

Praeradiolites spp. **Parona.** 10117A, 10119.

Protocardium Hillanum n. v. *elongata.* Deutschl., Kreide. **Scupin.** 10172.

Ptychomya Lissoni n. sp. Peru, Kreide. **Sommermeier.** 10199.

Pycnodonta flicki n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Radiolites spp. **Parona.** 10117A, 10119.

Sauvagesia spp. n. spp. **Parona.** 10119.

——— *ginestovis* n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Siliqua keiveri n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Solarium nn. spp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Sphaerulites. **Parona.** 10119.

Turritella Drescheri n. sp. Deutschl., Kreide. **Scupin.** 10172.

Tylostoma personi n. sp. Tunisie, Crétacée. **Pervinquieré.** 10126.

Tylostoma Stoliczkae n. sp. Deutschl. Emscher. **Scupin.** 10172.

Venicardia Steinvorthi n. sp. Deutschl., Kreide. **Scupin.** 10172.

2231.80 CAENOZOIC (TERTIARY).

GENERAL.

Benesch. 9782. Ueber einen neuen Aufschluss im Tertiärbecken von Rein, Steiermark.

Boury. 9807. *Scalaria* vivants et fossiles du Muséum de Paris.

Oppenheim. 10107. Bemerkungen zu W. Kranz: „Das Tertiär zwischen Castelgomberto, Montecchio maggiore, Creazzo und Monteviale im Vicentin“ und Diskussion verschiedener dort berührter Fragen, zumal der Stellung der Schichten und der Grenze zwischen Oligocän und Miocän.

Toula. 10234. Die Brunnentiefbohrungen der Staatseisenbahngesellschaft (1839–1845 und 1909).

SPECIAL.

Chione speighti n. sp. **Suter.** 10221.

Clavatula neozelanica n. sp. **Suter.** 10221.

Hydrobia nn. mutt. varr. et sp. Mittel-Deutschl., Landschneckenkalk, Cerithien-schichten. **Wenz.** 10252.

Pecten marshalli n. sp. **Suter.** 10221.

Polinices ambiguus n. sp. **Suter.** 10221.

Terebra oryeta n. sp. **Suter.** 10221.

Venicardia ponderosa n. sp. **Suter.** 10221.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Brunati. 9824. Il genere *Belosepiella* De Alessandri.

Doncieux. 9881. Revision de la faune lacustre de l'Éocène moyen des Corbières septentrionales.

Durand. 9889. Coquilles fossiles en inclusion dans les cristaux de gypse limpide de l'Oligocène de Narbonne.

Pritchard. 10130. Fossil *Volutes* from Table Cape, Tasmania.

SPECIAL.

Architectonica weavri n. sp. California, Eocene. **Dickerson.** 9878.

Calliostoma (?) *arnoldi* n. sp. California, Eocene. **Dickerson**. 9878.

Cancellaria mangyschlakica n. sp. Russia. **Bajarunas**. 9775.

———— *stantoni* n. sp. California, Eocene. **Dickerson**. 9878.

Cardium dalli n. sp. California, Eocene. **Dickerson**. 9878.

Caricella stormsiana n. sp. California, Eocene. **Dickerson**. 9878.

Clavella tabulata n. sp. California, Eocene. **Dickerson**. 9878.

Corbula Helmersenii n. sp. **Michajlovskij**. 10077.

Cyrena Bergiana n. sp. **Michajlovskij**. 10077.

Fusinus lineatus n. sp. California, Eocene. **Dickerson**. 9878.

Fusus suberraticus n. sp. Russia. **Bajarunas**. 9775.

Gastrodonta (?) *evanstonensis sinclairi* n. var. Wyoming, Eocene. **Cockerell** and **Henderson**. 9854.

Glycimeris marysvillensis n. sp. California, Eocene. **Dickerson**. 9878.

Murex burlensis n. sp. Russia. **Bajarunas**. 9775.

Nucula cooperi n. sp. California, Eocene. **Dickerson**. 9878.

Olivula marysvillensis n. sp. California, Eocene. **Dickerson**. 9878.

Omphalina oreodontis sp. n. Colorado, Oligocene. **Cockerell** and **Henderson**. 9854.

Oreohelix nn. spp. Wyoming, Eocene. **Cockerell** and **Henderson**. 9854.

Ostrea antiquensis n. sp. Antigua, Oligocene (?). **Brown**. 9820.

———— *varilamella*. Russia, Eocene. **Dylevskaia**. 9890.

Pecten nn. spp. Antigua, Oligocene (?). **Brown**. 9820.

Phos (?) *martini* n. sp. California, Eocene. **Dickerson**. 9878.

Scala antiquensis n. sp. Antigua, Oligocene. **Brown**. 9820.

Siphonalia sutterensis n. sp. California, Eocene. **Dickerson**. 9878.

Surcula nn. spp. California, Eocene. **Dickerson**. 9878.

Tomyris n. subgen. et spp. **Michajlovskij**. 10077.

Turricula socolori n. sp. Russia. **Bajarunas**. 9775.

Turris andersoni n. sp. California, Eocene. **Dickerson**. 9878.

Turritella forresti n. sp. Antigua, Oligocene. **Brown**. 9820.

———— *merriami* n. sp. California, Eocene. **Dickerson**. 9878.

Voluta lawsoni n. sp. California, Eocene. **Dickerson**. 9878.

———— n. sp. et varr. Tasmania, Tertiary. **Pritchard**. 10139.

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

GENERAL.

Brest. 9812. Alcune località fossilifere nei pressi di San Benedetto del Tronto.

Cerulli-Irelli. 9830. Fauna Malacologica Mariana. Parte 5ª Gastropoda: Cancellariidae, Marginellidae, Mitridae, Fusidae, Chrysodomidae, Buccinidae, Nassidae, Columbidae, Muricidae, Tritonidae, Cassididae, Cypraeidae, Chaenopidae.

Cossmann. 9856. Étude comparative des fossiles recueillis à la Martinique et à l'Isthme de Panama.

Švec. 10223. Die Fauna der Tschokrak-Kalke der Halbinsel Kertsch.

Trentanove. 10237. I fossili tortoniani di Guarata nei Monti Livornesi.

SPECIAL.

Amphiperas. **Cerulli-Irelli**. 9830.

Anomia. **Trentanove**. 10237.

———— *ephippium* Linn. **Nelli**. 10095.

Arca spp. **Nelli**. 10095.

———— spp. **Trentanove**. 10237.

———— nn. spp. S.W. Afr., Miocän. **Böhm**. 9796.

Aturia Lotzi n. sp. S.W. Afr., Miocän. **Böhm**. 9796.

Brocchia. **Nelli**. 10005.

Buccinum. **Cerulli-Irelli**. 9830.

———— *obliquum* n. sp. Russia. **Švec**. 10223.

Bullinella martinicensis n. sp. **Cossmann**. 9856.

Brusinaella petasata. Russia. **Andrusow**. 9769.

- Cancellaria* spp. **Cerulli-Irelli**. 9830.
 ✓ *Cardium* nn. spp. Russia, Pliocene.
Svec. 10222.
 ——— spp., n. var. **Trentanove**.
 10237.
 ——— **Nelli**. 10095.
 ✓ ——— *Mikhailovsky* n. sp. Russia.
Svec. 10223.
Cerithiopsis ? *burkevillensis* n. sp.
 Texas **Dall**. 9862.
Cassidaria. **Cerulli-Irelli**. 9830.
Cassidea spp. **Cerulli-Irelli**. 9830.
Cerithiopsis. **Trentanove**. 10237.
Cerithium spp. **Trentanove**. 10237.
 ——— **Nelli**. 10095.
Chama. **Nelli**. 10095.
 ——— **Trentanove**. 10237.
Chenopus spp. **Cerulli-Irelli**. 9830.
 ——— **Trentanove**. 10237.
Clavagella. **Trentanove**. 10237.
Clavatula spp. **Trentanove**. 10237.
 ——— **Nelli**. 10095.
Columbella spp. **Cerulli-Irelli**. 9830.
Conus nn. spp. et var. **Cossmann**.
 9856.
Corbula spp. **Trentanove**. 10237.
 ——— **Nelli**. 10095.
Crassostrea spp. **Meli**. 10064.
Cryptospira. **Cerulli-Irelli**. 9830.
Cyclonassa. **Cerulli-Irelli**. 9830.
Cypræa spp., n. sp., nn. varr. **Cerulli-Irelli**. 9830.
 ——— *europæa* n. var. *pedicularis*.
Cerulli-Irelli. 9830.
Cytherea spp. **Trentanove**. 10237.
Dentalium. **Trentanove**. 10237.
Didemna nn. spp. Russia. **Andrussoff**.
 9768.
Donacilla. **Nelli**. 10095.
Dosinia. **Nelli**. 10095.
Dril'ia nn. spp. **Cossmann**. 9856.
Euchilodon morierei n. sp. **Cossmann**.
 9856.
Erato. **Cerulli-Irelli**. 9830.
Euthria cornea n. var. **Cerulli-Irelli**.
 9830.
Fasciolaria spp. **Cerulli-Irelli**. 9830.
Fusus spp. n. sp. **Cerulli-Irelli**.
 9830.
 ——— **Nelli**. 10095.
 ——— **Trentanove**. 10237.
Gastrana. **Trentanove**. 10237.
Gouldia. **Nelli**. 10095.
Haedropleura heptagonalis n. sp.
Cossmann. 9856.
Heterodonax alexandra n. sp. Louisiana.
Dall. 9862.
Isapis obsoleta n. sp. Louisiana,
 Pliocene. **Dall**. 9862.
Leda. **Trentanove**. 10237.
Loripes. **Nelli**. 10095.
Lucina. **Trentanove**. 10237.
 ——— **Nelli**. 10095.
Maetra Dernburgi n. sp. S.W. Afr.,
 Miocæn. **Böhm**. 9796.
Marginella mindiensis n. sp. **Cossmann**.
 9856.
Mitra spp. nn. spp. et. var. **Cerulli-Irelli**. 9830.
Mnestia bousiaci n. sp. **Cossmann**.
 9856.
Modiola. **Nelli**. 10095.
 ✓ *Monodacna* nn. spp. Russia, Pliocene.
Svec. 10222.
Monodonta sp. ? **Meli**. 10066.
Murex spp. **Cerulli-Irelli**. 9830.
 ——— **Trentanove**. 10237.
Mytilus middendreffii. Abnormal shell,
 Alaska. **Gratacap**. 9945.
Nassa spp. **Cerulli-Irelli**. 9830.
 ——— nn. spp. **Trentanove**. 10237.
 ——— **Nelli**. 10095.
Natica. **Trentanove**. 10237.
Neritæa colchica n. sp. Russia.
Andrussoff. 9769.
Neritonix n. gen. *unguiculata*. Russia.
Andrussoff. 9769.
Oliva giraudi n. sp. **Cossmann**. 9856.
Olivella boussaci n. sp. **Cossmann**.
 9856.
Ostrea. **Trentanove**. 10237.
 ——— *gingensis* n. var. *africana*.
 S.W. Afr., Miocæn. **Böhm**. 9796.
Pachycheilus nn. spp. Louisiana,
 Texas. **Dall**. 9862.
Paludestrina nn. spp. Louisiana,
 Pliocene. **Dall**. 9862.

- Pecten* spp. **Nelli.** 10095.
 ——— *etruscus* De Stefani n. sp.
Trentanove. 10237.
Pholadomya H. Böckhi n. sp. Ungarn,
 Miocän. **Pávai Vajna.** 10121.
Planorbis ophis n. sp. Louisiana. **Dall.**
 9862.
Potamides matsoni n. sp. Louisiana.
Dall. 9862.
Pyrgulopsis (?) satilla n. sp. Louisiana,
 Pliocene. **Dall.** 9862.
Rangia cuneata solida n. var. Georgia,
 Pliocene. **Dall.** 9862.
Sandbergeria nn. spp. Kertsch u. Taman.
Andrussow. 9770.
Syrnola thelma n. sp. Louisiana,
 Pliocene. **Dall.** 9862.
Tellina, spp. **Nelli.** 10095.
 ——— nn. spp. S.W. Afr., Miocän.
Böhm. 9796.
Tenagodus. **Trentanove.** 10237.
Triton spp. **Cerulli-Irelli.** 9830.
Trochus patulus Brocchi. **Nelli.** 10095.
 ——— **Nelli.** 10095.
Turricula orthocolpa n. sp. **Cossmann.**
 9856.
Turritella nn. sp. et varr. S.W. Afr.,
 Miocän. **Böhm.** 9796.
Turritella spp. **Nelli.** 10095.
 ——— **Trentanove.** 10237.
 ——— *satilla* n. sp. Louisiana,
 Pliocene. **Dall.** 9862.
Typhis. **Cerulli-Irelli.** 9830.
Unio nn. spp. Louisiana, Pliocene.
Dall. 9862.
Uxia miocaenica n. sp. **Cossmann.**
 9856.
Venus spp. **Trentanove.** 10237.
 ——— *Laskarevi* n. sp. Russia.
Švec. 10223.
 ——— **Nelli.** 10095.
Vermetus spp. **Nelli.** 10095.
Volvella hypermeceus n. sp. **Cossmann.**
 9856.

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

- Baker.** 9776. Notes on post-glacial
 Mollusca. 1. Emmet county, Michigan.
 2. Waukeska county, Wisconsin.

Baker. 9777. Interglacial mollusks
 from South Dakota.

Geyer. 9923. Über die in Nieder-
 schwaben während des Quartärs erloschenen
 Mollusken.

Gross. 9950. Die Entstehung des
 Warnowtals von Eickhof bis Rostock.
 Diss.

Müller. 10090. Eine weitere Schnecke
 aus der Tuffablagerung der schwarzen
 Laaber.

Ostroumov. 10113. Zur Variations-
 statistik der Kaspischen Didaeniden.

Shimah. 10177. The significance of
 Pleistocene mollusks.

Vohland. 10242. Der schnecken-
 führende Elstermergel von Rüssen-
 Storkwitz.

SPECIAL.

Anastra montagni n. sp. Hawaiian Is.
Pilsbry. 10133.

Bathytoma clarkiana n. sp. California,
 Pleistocene. **Rivers.** 10151.

Bifidaria meclungi n. sp. Kansas,
 Pleistocene. **Hanna and Johnston.** 9956.

Campylaea. Ungarn. **Éhik.** 9892.

Clausiliastra. Ungarn. **Éhik.** 9892.

Diplodonta mediamericana n. sp.
 Panama, Pleistocene. **Brown and Pilsbry.**
 9821.

Drillia hayfordiana colonensis n. var.
 Panama, Pleistocene. **Brown and Pilsbry.**
 9821.

Eulota. Ungarn. **Éhik.** 9892.

Helicina crosbyi n. sp. Antigua,
 Pleistocene. **Brown.** 9820.

Leda vulgaris n. sp. Panama, Pleisto-
 cene. **Brown and Pilsbry.** 9821.

Partulina montagni sp. n. Hawaiian
 Is. **Pilsbry.** 10133.

Pomatia. Ungarn. **Éhik.** 9892.

Terebra spei n. sp. Panama, Pleisto-
 cene. **Brown and Pilsbry.** 9821.

Torquilla. Ungarn. **Éhik.** 9892.

Vertigo martini n. sp. Kansas, Pleisto-
 cene. **Hanna and Johnston.** 9956.

2431 ARTHROPODA.

2431.39 GENERAL.

- Cockerell.** 9851. Remarks on fossil
 insects. 9851.

2431.55 UPPER PALAEOZOIC.

Pruvost. 10091. Les insectes houillers du nord de la France.

2431.80 CAENOZOIC (TERTIARY) GENERAL.

Calvert. 9826. The fossil odonate *Phenacolestes*, with a discussion of the venation of the legion *Podagrion setys*.

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

SPECIAL.

Aeolus exhumatus n. sp. Colorado, Miocene. Wickham. 10257.

Agabus florissantensis n. sp. Colorado, Miocene. Wickham. 10258.

Aleocharopsis n. gen. et spp. Colorado, Miocene. Wickham. 10258.

Anisotoma sibylla n. sp. Colorado, Miocene. Wickham. 10258.

Anthaxia exhumata n. sp. Colorado, Miocene. Wickham. 10258.

Antherophagus megalops n. sp. Colorado, Miocene. Wickham. 10256.

Anthomyia atavella n. sp. Colorado, Miocene. Cockerell. 9848.

Aphodius granarioides n. sp. Colorado, Miocene. Wickham. 10258.

——— *praemptor* n. sp. Colorado, Miocene. Wickham. 10257.

Atheta? florissantensis n. sp. Colorado, Miocene. Wickham. 10257.

Attagenus aboriginalis n. sp. Colorado, Miocene. Wickham. 10256.

Auletes florissantensis n. sp. Colorado, Miocene. Wickham. 10257.

Balaninus florissantensis n. sp. Colorado, Miocene. Wickham. 10257.

Boris nn. spp. Colorado, Miocene. Wickham. 10257.

Bembidion florissantensis n. sp. Colorado, Miocene. Wickham. 10257.

Blapstinus linellii n. sp. Colorado, Miocene. Wickham. 10258.

Brachytarsus dubius n. sp. Colorado, Miocene. Wickham. 10257.

Bruchus dormescens n. sp. Colorado, Miocene. Wickham. 10258.

——— nn. spp. Colorado, Miocene. Wickham. 10257.

Callidiopsites n. gen. et sp. *grandiceps*. Colorado, Miocene. Wickham. 10256.

Capnochroa senilis n. sp. Colorado, Miocene. Wickham. 10256.

Chlorippe wilmottae. Colorado, Miocene. Cockerell. 9852.

Cicones oblongopunctata n. sp. Colorado, Miocene. Wickham. 10257.

Cistela antiqua n. sp. Colorado, Miocene. Wickham. 10256.

Coccinella sodoma n. sp. Colorado, Miocene. Wickham. 10256.

Colastus pygidialis n. sp. Colorado, Miocene. Wickham. 10257.

Corticaria petrefacta n. sp. Colorado, Miocene. Wickham. 10257.

Creniphilites n. gen. et sp. *orpheus*. Colorado, Miocene. Wickham. 10257.

Cryptocephalus miocenus n. sp. Colorado, Miocene. Wickham. 10257.

Cryptophagus bassleri n. sp. Colorado, Miocene. Wickham. 10258.

Cychramites n. gen. et sp. Colorado, Miocene. Wickham. 10257.

Dinoderus euneicollis n. sp. Colorado, Miocene. Wickham. 10257.

Diplotaxis aurora n. sp. Colorado, Miocene. Wickham. 10258.

Ectopria laticollis n. sp. Colorado, Miocene. Wickham. 10257.

Eobrneria n. gen. et sp. Colorado, Miocene. Cockerell. 9852.

Homalium antiquorum n. sp. Colorado, Miocene. Wickham. 10257.

Hydnobius tibialis n. sp. Colorado, Miocene. Wickham. 10257.

Hydnocera wolcottii n. sp. Colorado, Miocene. Wickham. 10257.

Hydrobius titan n. sp. Colorado, Miocene. Wickham. 10257.

Hylastes americanus n. sp. Colorado, Miocene. Wickham. 10275.

Hyluraops piger n. sp. Colorado, Miocene. Wickham. 10257.

Janus disperditus n. sp. Colorado, Miocene. Cockerell. 9852.

Lathrobium antediluvianum n. sp. Colorado, Miocene. Wickham. 10257.

Leptura nn. spp. Colorado, Miocene. Wickham. 10258.

——— *leidyi* n. sp. Colorado, Miocene. Wickham. 10256.

- Libellulapis wilmottae* n. sp. Colorado, Miocene. **Cockerell.** 9852.
- Lithocoryne arcuata* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Lucanus fossilis* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Miostenosis* n. gen. et sp. *lacordairei*. Colorado, Miocene. **Wickham.** 10258.
- Molithocharis* n. gen. et sp. Colorado, Miocene. **Wickham.** 10258.
- Mordellistena smithiana* n. sp. Colorado, Miocene. **Wickham.** 10257.
- Mycetophagus* nn. spp. Colorado, Miocene. **Wickham.** 10257.
- Oplonaeschna lapidaria* Cockerell and Counts n. sp. Colorado, Miocene. **Cockerell.** 9853.
- Osmyldia*. Colorado, Miocene. **Cockerell.** 9852.
- Oxytelus subapterus* n. sp. Colorado, Miocene. **Wickham.** 10257.
- Paederus adumbratus* n. sp. Colorado, Miocene. **Wickham.** 10257.
- Paraspiniphora*. Colorado, Miocene. **Cockerell.** 9853.
- Paratermes* spp. *fodinae*, *scudderi* n. sp. Colorado, Miocene. **Cockerell.** 9848.
- Phryganea miocenica* n. sp. Colorado, Miocene. **Cockerell.** 9849A.
- Platydemia bethunei* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Platynus florissantensis* n. sp. Colorado, Miocene. **Wickham.** 10257.
- Protoncideres* n. gen. et sp. Colorado, Miocene. **Wickham.** 19257.
- Pythoceropsis* n. gen. et sp. Colorado, Miocene. **Wickham.** 10257.
- Staphylinus vulcan* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Systema florissantensis* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Tachya haywardi* n. sp. Colorado, Miocene. **Wickham.** 10257.
- Telephorus humatus* n. sp. Colorado, Miocene. **Wickham.** 10256.
- Tenebroides corrugata* n. sp. Colorado, Miocene. **Wickham.** 10258.
- Trypanorhynchus* nn. spp. Colorado, Miocene. **Wickham.** 10257.
- Tryptherus aboriginalis* n. sp. Colorado, Miocene. **Wickham.** 10256.
- Trilletta tenuistriata* n. sp. Colorado, Miocene. **Wickham.** 10257.

Xestobium? a'utaceum n. sp. Colorado, Miocene. **Wickham.** 10256.

Xyleborites n. gen. *longipennis*. Colorado, Miocene. **Wickham.** 10257.

2431.95 PLEISTOCENE AND RECENT.

Pappius. 10134. Vorzeitliche Verbreitung in Finnland.

2631 CRUSTACEA.

2631.39 GENERAL.

Bradolia douvillei n. sp. **Mansuy.** 10049.

Ceratiocaris pierloti n. sp. **Mansuy.** 10050.

Sinocaris n. gen. et spp. **Mansuy.** 10050.

2631.50 LOWER PALAEOZOIC.

Aluta spp. China, Cambrian. **Walcott.** 10248.

Beyrichia. spp. **Bonnema.** 9802.

Leperditia illinoisensis n. sp. Illinois and Missouri, Silurian. **Savage.** 10157.

2631.55 UPPER PALAEOZOIC.

GENERAL.

Andrée. 9767. Das carbonische Arthrostraken-Genus *Anthroptleura* Jordan.

Haynes. 9964. Discovery of bivalve Crustacea in the Coal-measures near Paw-tucket, R. I.

Kindle. 10007. Ostracoda [of the Middle Devonian deposits of Maryland].

SPECIAL.

Aparchites gordoni n. sp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Bollia nn. spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Bythocypris (?) sp. China. **Girty.** 9934.

———— *punctulata arctatum* n. var. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Craterellina nn. gen. et spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Ctenobolbina nn. spp. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Halliella (?) n. sp. et var. Maryland, Devonian. **Ulrich and Bassler.** 10238.

Lepidocotenus illinoisensis n. sp. Illinois, Devonian. **Savage**. 10156.

Mesomphalus n. gen. et spp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Otonaria (?) nn. spp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Pachydomella longula. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Pontocypris avenata n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Primitia nn. spp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Primitiella variolata n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

Tarylepas n. sp. non den. Mesodevonic, Monumenz. **Gortani**. 9940.

Ulrichia aequalis n. sp. Maryland, Devonian. **Ulrich and Bassler**. 10238.

2631.65 TRIASSIC.

Stierlin. 10214. Wellenkalk im südlichen Breisgau.

2631.70 JURASSIC.

Bairdia anatolica n. sp. Angora. **Méhes**. 10062.

2631.80 CAENOZOIC (TERTIARY)

GENERAL.

Cytherella n. sp. et var. Turkestan. **Méhes**. 10062.

Cytheridea nn. spp. Turkestan. **Méhes**. 10062.

2631.85 LOWER CAENOZOIC

(EOCENE, OLIGOCENE).

GENERAL.

Fabiani. 9899. Di una nuova specie di *Phlyctenodes* (*Phlyctenodes Dalpiazii*) dell'Oligocene dei Berici.

SPECIAL.

Phlyctenodes Dalpiazii n. sp. **Fabiani**. 9899.

2631.90 UPPER CAENOZOIC

(MIOCENE, PLIOCENE).

Joleaud. 9995. Un nouveau cirripède pédonculé fossile, *Scillælepus Cazioti*.

2831 XIPHOSURA, EURYPTE- RIDA, TRILOBITA.

2831.39 GENERAL.

SPECIAL.

Amiella prisca n. sp. **Mansuy**. 10049.

Palaeolenus n. gen. et spp. **Mansuy**. 10049.

Pseudophillipsia acuminata n. sp. **Mansuy**. 10050.

Ptychoparia yunnanensis n. sp. **Mansuy**. 10049.

Redlichia nn. spp. **Mansuy**. 10049.

2831.50 LOWER PALAEOZOIC.

GENERAL.

Kindle. 10005. The age of the eurypterids of Kokomo, Indiana.

SPECIAL.

Aeaste lombardi n. sp. **Kozlowsk**. 10021.

Agnostus n. sp. N. Gippsland, Victoria, Ordovician. **Chapman**. 9833.

Amphilichas nn. spp. Iowa, Ordovician. **Slocum**. 10191.

Bumastus beckeri n. sp. Iowa, Ordovician. **Slocum**. 10191.

Calymene nn. spp. Iowa, Ordovician. **Slocum**. 10191.

————— *dubia* n. sp. Illinois and Missouri, Silurian. **Savage**. 10157.

Callavia nn. spp. Alberta, Cambrian. **Walcott**. 10249.

Ceraurus n. gen. et spp. Ontario, Richmond, Upper Trenton, Ontario. **Barton**. 9778.

Ceraurus n. spp. New York, Quebec. **Raymond and Barton**. 10146.

————— *elginensis* n. sp. Iowa, Ordovician. **Slocum**. 10191.

Cyphaeus dervisi n. sp. **Groth**. 9951.

Cybeloides n. gen. et sp. *iowensis*. Iowa, Ordovician. **Slocum**. 10191.

Enerimurus vernodosus n. sp. Iowa, Ordovician. **Slocum**. 10191.

Holmia (?) *macer* n. sp. Pennsylvania, Cambrian, Alberta, Cambrian. **Walcott**. 10249.

Megalaspis beckeri n. sp. Iowa, Ordovician. **Slocum**. 10191.

Olenellus truncatus n. sp. Alberta, Cambrian. **Walcott**. 19249.

Proetus princeps n. sp. Illinois and Missouri, Silurian. **Savage**. 10157.

Pterygomotopus nn. spp. Iowa, Ordovician. **Slocum**. 10191.

Sphaerocoryphe maquetensis n. sp. Iowa, Ordovician. **Slocum**. 10191.

Wamoria occidentis n. sp. Alberta, Cambrian. **Walcott**. 10249.

2831.55 UPPER PALAEOZOIC.

GENERAL.

Clarke and Swartz. 9846. Trilobita [of the Upper Devonian deposits of Maryland].

Richter. 10150. Devonische Trilobiten. (2. Oberdevonische Proetiden.)

SPECIAL.

Bronteus, **Gortani**. 9940.

Calymene, **Gortani**. 9940.

Cyathaspis australis Ohern, n. sp. Maryland, Devonian. **Ohern and Maynard**. 10104.

Cyrtosymbole n. gen. et spp. Mitteleuropa, Devonian. **Richter**. 10150.

Dalmanites nn. spp. Maryland, Devonian. **Ohern and Maynard**. 10104.

———— **Gortani**. 9940.

Drevermannia n. gen. et spp. Mitteleuropa, Devonian. **Richter**. 10150.

Euproetus n. sub-gen. et spp. (Proetus). Deutschl., Devonian. **Richter**. 10150.

———— *marylandicus* Prosser, n. sp. Maryland, Devonian. **Prosser and Kindle**. 10143.

———— *palaceus* n. sp. Illinois, Devonian. **Savage**. 10156.

Homalonotus swartzi Ohern, n. sp. Maryland, Devonian. **Ohern and Maynard**. 10104.

Proetus nn. spp. Mitteleuropa, Devonian. **Richter**. 10150.

Pteroparia n. gen. et sp. Deutschl., Devonian. **Richter**. 10150.

Typhloproetus n. gen. et sp. *microdiscus*. Karnische Alpen, Devonian. **Richter**. 10150.

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthracomartus triangularis n. sp. Nova Scotia, Carboniferous. **Petrunkewitch**. 10129.

Architarbus minor n. sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Areomartus n. gen. et spp. West Virginia, Carboniferous. **Petrunkewitch**. 10129.

Arthrolycosa demetrii n. sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Discotarbus n. gen. et sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Eoetonus n. gen. et sp. *miniatus*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Eoscorpium nn. spp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Gevalimura nn. spp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Geratarbus minutus n. sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Heterotarbidæ n. fam. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Heterotarbus nn. gen. et sp. *ovatus*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Holoterygidae n. fam. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Kustarachne conica n. sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Metatarbus n. gen. et sp. *triangularis*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Palaeobuthus n. gen. et sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Palaeopisthacanthus n. gen. et spp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Polyochera glabra n. sp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Protophrynus n. gen. et sp. *carbonarius*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Protopilio nn. gen. et spp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Protosolpuga n. gen. et sp. *carbonaria*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Thelyphrynus n. gen. et sp. *elongatus*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Trigonomartus n. gen. **Petrunkewitch**. 10129.

Trigonoscorpium n. gen. et sp. *americanus*. Illinois, Carboniferous. **Petrunkewitch**. 10129.

Trigonotarbus nn. spp. Illinois, Carboniferous. **Petrunkewitch**. 10129.

3431 MYRIOPODA.

3431.95 PLEISTOCENE AND RECENT.

Julus sp. ? Ungarn. **Ehik.** 9892.

5231 VERTEBRATA.

5231.39 GENERAL.

De Vis. 9876. Fossil Vertebrates from New Guinea.

Jaekel. 9988. Bau des Schädels.

5231.90 UPPER CAENOZOIC.

Abel. 9760. Die Tierwelt Griechenlands im Unterpliozän.

Mecquenem. 10061. Gisement des Vertébrés de Maragha.

5231.95 PLEISTOCENE AND RECENT.

Raglia. 10147. Fauna glaciale in due grotta di Equi (Alpi apuane).

5431 PISCES.

5431.39 GENERAL.

Deecke. 9865. Paläontologische Betrachtungen. IV. Fische.

Hennig. 9967. Fossile Fische aus Aequatorial- und Südafrika und ihre palaeogeographische Bedeutung.

Harpinsky. 10000. On *Helicoprion* and other Edestidae.

5431.50 LOWER PALAEOZOIC.

Cockerell. 9847. Ordovician (?) fish remains in Colorado.

5431.55 UPPER PALAEOZOIC.

GENERAL.

Broom. 9817. On some fossil fishes from the Diamond-bearing Pipes of Kimberley.

Eastman. 9891. Brain structures of fossil fishes from the Caney shales.

SPECIAL.

Apateacanthus peculiaris n. sp. New York, Devonian. **Hussakof.** 9983.

Ctenoptychius semicircularis. Kansas, Permian. **Martin.** 10055.

Dinomylostoma eastmani n. sp. Kentucky, Devonian. **Hussakof.** 9983.

Glyptaspis eastmani n. sp. Maryland, Devonian. **Swartz.** 10226.

Helicoprion bezsonovi. Russia, Permian-carbon. **Frederichs.** 9914.

Stethacanthus nn. spp. Kentucky, Carboniferous. **Hussakof.** 9983.

5431.70 JURASSIC.

Bogolubov. 9799. Les vestiges des Chimérides dans le Portlandien de Moscou.

5431.75 CRETACEOUS.

GENERAL.

Erasmio (D'). 9893. Sopra alcuni avanzi di pesci cretacei della provincia di Lecce.

————— 9894. Risultati ottenuti dallo studio di alcuni Actinopteri del calcare cretaceo di Pietraraja in provincia di Benevento.

Hussakof. 9982. The Cretaceous chimaeroids of North America.

Priem. 10136. Poissons fossiles de Perse.

SPECIAL.

Anomoeodus nn. spp. Mississippi, Cretaceous. **Gidley.** 9930.

Belonostomus spp. **Erasmio (D').** 9894.

Coelodus spp. **Erasmio (D').** 9893, 9894.

————— nn. spp. Texas, Cretaceous. **Gidley.** 9930.

Copeichthys morgani n. sp. Perse. **Priem.** 10136.

Enchodus spp. **Green.** 9946.

Gobiopsis nn. gen. et sp. Perse. **Priem.** 10136.

Halac bassanii n. sp. **Erasmio (D').** 9893.

Lepidotus sp. **Erasmio (D').** 9894.

Microdon texanus n. sp. Texas, Cretaceous. **Gidley.** 9930.

Nemichthys mecquenemi n. sp. Perse. **Priem.** 10136.

Notagodus. **Erasmio (D').** 9894.

Palaeobalistum Bassanii n. sp. **Erasmio (D').** 9494.

Problennius n. g. et sp. Perse. **Priem.** 10136.

- Scombroclupea*. **Erasmus (D')**. 9893.
Thissopteroïdes (?) *minutus* n. sp. Perse.
Priem. 10136.
Vrenchelys douvillei n. sp. Perse.
Priem. 10136.

5431.80 CAENOZOIC (TERTIARY GENERAL).

Priem. 10136. Poissons fossiles de Perse.

SPECIAL.

Brachylebias n. gen. et sp. Perse.
Priem. 10136.

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Haseman. 9958. The relationship of the genus *Riscucara*.

SPECIAL.

- Carcharodon* spp. **Stefano (De)**. 10212.
Carcharoides nn. spp. Victoria, Janju-kian. **Chapman**. 9837.
Chrysophrys (?). **Stefano (De)**. 10212.
Ellimma nom. n. **Jordan**. 9997.
Hemipristis. **Stefano (De)**. 10212.
Lamna spp. **Stefano (De)**. 10212.
Myliobatis sp. **Stefano (De)**. 10212.
Odontaspis spp. **Stefano (De)**. 10212.
Oxyrhina spp. **Stefano (De)**. 10212.
Rhinoptera smithii n. sp. California, Eocene and Miocene. **Jordan and Beal**. 9998.

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Bassani. 9779. Sopra un Bericide del Calcare miocenico di Leca, di Rosignano-Piemonte e di Malta. (*Myripristis melitensis* A. Smith Woodward sp.)

SPECIAL.

- Carcharias morricei* n. sp. California, Miocene. **Jordan and Beal**. 9998.
Galeorhinus hannibali n. sp. California, Miocene and Pliocene. **Jordan and Beal**. 9998.
Myliobatis merriami n. sp. California, Miocene. **Jordan and Beal**. 9998.

(κ-9180)

Rhinoptera smithii n. sp. California, Eocene and Miocene. **Jordan and Beal**. 9998.

Silurid genus indet. Baluchistan. **Pilgrim**. 10131.

Squatina lerichei n. sp. California, Miocene. **Jordan and Beal**. 9998.

5631 REPTILIA AND BATRACHIA.

5631.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Ictidorhinus n. gen. et sp. South Africa. **Broom**. 9819.

Lycognathus n. gen. et sp. South Africa. **Broom**. 9819.

Scymnognathus nn. spp. South Africa. **Broom**. 9819.

5631.39 GENERAL.

Broili. 9814. Unser Wissen über die ältesten Tetrapoden.

Broom. 9816. Structure of the mandible in the Stegocephalia.

Brown. 9823. The manus of trachodont Dinosaurs.

De Vis. 9873. Extinct lizard.

Williston. 10262. The primitive structure of the mandible in amphibians and reptiles.

5631.55 UPPER PALAEOZOIC.

GENERAL.

Broom. 9815. A review of recent advances in South African vertebrate paleontology.

Delage. 9866. Empreintes de pieds de grands quadrupèdes dans le Permien inférieur de l'Hérault.

Moodie. 10086. Vertebrate footprints in the Lower Permian of Kansas.

SPECIAL.

Aracoscelis. Texas, Permian. **Williston**. 10263.

Cephalerpeton n. gen. et sp. *ventriar-matum*. Illinois, Carboniferous. **Moodie**. 10088.

Erierpeton nn. gen. et sp. *branchialis*. Illinois, Carboniferous. **Moodie**. 10088.

Erypetobranchium n. gen. et sp. *mazonensis*. Illinois, Carboniferous. **Moodie**. 10088.

Mazonerpeton n. gen. et spp. Illinois, Carboniferous. **Moodie**. 10088.

Perronegasterium n. gen. et sp.
Delage. 9866.

Spondylexpeton spinatum n. gen. et sp.
Illinois, Carboniferous. Moodie. 10088.

5631.65 TRIASSIC.

GENERAL.

Broom. 9815. A review of recent advances in South African vertebrate paleontology.

Fraas. 9910. Die neuesten Dinosaurierfunde in der schwäbischen Trias.

— 9911. Neue Labyrinthodonten aus der schwäbischen Trias.

Koken. 10018. Schichten von Heiligenkreuz (Abteital, Südtirol).

SPECIAL.

Cyclotosaurus spp. Schwaben, Trias.
Fraas. 9911.

Metopias. Schwaben, Trias, Fraas. 9911.

— Südtirol. Koken. 10018.

Plagiosternum. Schwaben, Trias.
Fraas. 9911.

Rutiodon manhattanensis n. sp. New York, Triassic. Huene. 9981.

5631.70 JURASSIC.

GENERAL.

Bogoliubov. 9798. Les plésiosaures du Jura supérieur de la Russie.

SPECIAL.

Allosaurus. Osborn.

Ichthyosaurus trigonus. Russia. Rabinin. 10149.

Rhamphorhynchus. Stromer. 10219.

Tyrannosaurus. Osborn. 10109.

5631.75 CRETACEOUS.

GENERAL.

Bogoliubov. 9800. Sur une vertèbre présumée de Dinosaurien du gouv. d'Orenbourg.

Schuchert. 10166. The Dinosaurs of East Africa.

SPECIAL.

Allosaurus. Osborn. 10109.

Elasmosaurus. Russie. Bogoliubov. 9801.

Liodon ? *rhipaicus* n. sp. Russia. Bogoliubov. 9797.

Megalosaurus. Dobrogea (Rumänien), Unterkreide. Simionescu. 10187.

Ognodorus n. gen. et sp. Nebraska, Cretaceous. Williston and Moodie. 10264.

Polycoltilus. Russia. Bogoliubov. 9801.

Sauvotophus osborni n. gen. et sp. Alberta, Cretaceous. Brown. 9822.

Thescelosaurus neglectus n. gen. et sp. Wyoming, Lance formation. Gilmore. 9932.

Thoracosaurus. Russia. Borisjak. 9804.

Trachodon. Osborn. 10110.

Tyrannosaurus. Osborn. 10109.

— *rex*. Osborn. 10112.

5631.80 CAENOZOIC (TERTIARY) GENERAL.

Trionyx. Teppner. 10227.

— *stadleri* n. sp. Klagenfurt. Teppner. 10227.

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Lee. 10031. Recent discovery of Dinosaurs in the Tertiary.

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Crocodylus sp. Baluchistan. Pilgrim. 10131.

Garialis n. sp. et var. Pilgrim. 10131.

Trionyx bellunensis. Misuri. 10079.

5631.95 PLEISTOCENE AND RECENT.

GENERAL.

Campana (Del). 9828. Resti di Ofidio (*Zamenis viridiflavus* Lacep.) nel quaternario di Monte-Tignoso.

SPECIAL.

Lacerta sp. (?). Ungarn. Ehik. 9892.

Molge sp. (?). Ungarn. Ehik. 9892.

Tropidonotus. Ungarn. Ehik. 9892.

5831 AVES.

De Vis. 9875. Extinct avifauna of Australia.

Paris. 10116. Oiseaux fossiles de France.

5831.80 CAENOZOIC (TERTIARY) (GENERAL).

Hebe n. gen. et sp. *schucherti*. Wyoming, Tertiary. **Shufeldt.** 10182.

5831.90 UPPER CAENOZOIC (PLEISTOCENE AND RECENT).

Falavis n. gen. et sp. *tenuipes*. Colorado, Miocene. **Shufeldt.** 10182.

5831.95 PLEISTOCENE AND RECENT.

GENERAL.

Monnier. 10085. Paléontologie de Madagascar. VII. Les Aepyornis.

Shufeldt. 10181. Contributions to avian paleontology. 1. The status to extinct *Meleagridae*. 2. Studies of the Oregon desert.

————— 10183. New and extinct birds and other species from the Pleistocene of Oregon.

SPECIAL.

Anseres. Oregon, Pleistocene. **Shufeldt.** 10182A.

Aquila chrysaetos haliaetus. Oregon, Pleistocene. **Shufeldt.** 10182A.

Ardea herodias. Oregon, Pleistocene. **Shufeldt.** 10182A.

Botaurus lentiginosus. Oregon, Pleistocene. **Shufeldt.** 10182A.

Centrocercus urophasianus. Oregon, Pleistocene. **Shufeldt.** 10182A.

Colymbus parvus n. sp. Oregon, Pleistocene. **Shufeldt.** 10182A.

Olor matthewi n. sp. Oregon, Pleistocene. **Shufeldt.** 10182A.

Phalacrocorax macropus. Oregon, Pleistocene. **Shufeldt.** 10182A.

Podilymbus magnus n. sp. Oregon, Pleistocene. **Shufeldt.** 10182A.

6031 MAMMALIA.**6031.39 GENERAL.**

GENERAL.

De Vis. 9874. Bones of *Thylacoleo*.

Merriam. 10068. *Tapirus haysii californicus* n. subsp. California, Auriferous gravels.

Osborn. 10111. Craniometry of the Equidae.

(K-9180)

Scott. 10171. A history of land mammals in the Western Hemisphere.

Sergi. 10176. *Hominidae*.

SPECIAL.

Camelus bessarabiensis. **Chomenko.** 9841.

6031.65 TRIASSIC.

Neomys. Ungarn. **Éhik.** 9892.

6031.70 JURASSIC.

SPECIAL.

Aceratherium. Südtirol, Lias. **Kafka.** 9999.

Diceratherium. Südtirol, Lias. **Kafka.** 9999.

Palaeotapirus. Südtirol, Lias. **Kafka.** 9999.

Symcoyon. Südtirol, Lias. **Kafka.** 9999.

6031.80 CAENOZOIC (TERTIARY) (GENERAL).

GENERAL.

Bluntschli. 9795. Die fossilen Affen Patagoniens und der Ursprung der platyrhinen Affen.

Kafka. 9999. Rezente und fossile *Ungulata* Böhmens. I. Abteilung. 1. *Proboscidea*. 2. *Perissodactyla*.

Lindgren. 10043. The Tertiary gravels of the Sierra Nevada of California.

Morselli. 10089. Lezioni su l'uomo secondo la teoria della evoluzione (antropologia generale).

SPECIAL.

Homo. **Giuffrida-Ruggeri.** 9935.

————— **Hoernes.** 9974.

————— sp. **Sera.** 10174.

————— **Sollas.** 10197.

6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Abel. 9759. Die eocänen Sirenen der Mittelmeerregion. Tl 1: Der Schädel von *Eotherium aegyptiacum*.

Depéret. 9868. The Oligocene of the Roanne basin and its vertebrate fauna.

Gregory. 9948. Relationship of the Tupaiidae and of Eocene Lemurs, especially *Notharctus*.

Stehlin. 10213. Die Säugetiere des schweizerischen Eocens. *Adapis*.

SPECIAL.

Adapis Rüttimeyeri n. sp. Egerkingen. **Stehlin.** 10213.

Basilosaurus cetoides. Skeleton. **Gidley.** 9928.

Didelphia Sannois. **Laville.** 10029.

Palaeoryctes n. gen. et sp. New Mexico. Eocene. **Matthew.** 10057.

Sinopa. **Drevermann.** 9885.

6031.90 UPPER CAENOZOIC
(PLEISTOCENE AND RECENT).

GENERAL.

Blasio (De). 9793. Contributo allo studio della mammalogia fossile della Italia meridionale.

——— 9794. I primi tempi della umanità in provincia di Avellino.

Hernandez-Pacheco. 9972. Mammifères miocènes de Palentia dans la Meseta espagnole.

Mecquenem. 10061. Contribution à l'étude du gisement des Vertébrés de Maragha.

Merriam. 10072. Vertebrate fauna of the Orindan and Siestan beds in middle California.

Napoli. 10093. Di alcuni rinvenimenti di fossili a Monteverde presso Roma.

Schlesinger. 13160. *E. planifrons* vom Laaerberg und die Stratigraphie der alten Flussterrassen von Wien.

Stefanescu. 10202. Structure de la couronne des molaires d'éléphant.

——— 10203. Phylogénie de la couronne des molaires des Mastodontes et d'Eléphants.

——— 10204. Ramification des tubercules dentaires des molaires d'*Elephas*, de *Stegodon*, et de *Mastodon*.

Stromer. 10218. Wirbeltierreste aus dem Mittelplicän des Natrontales (Ägypten). 1. Affen. [2. Raubtiere.]

SPECIAL.

Aceratherium nn. spp. Baluchistan. **Pilgrim.** 10131.

Amphicyon. Baluchistan. **Pilgrim.** 10131.

Ancodus. Baluchistan. **Pilgrim.** 10131.

Anthracotheriidae. **Pilgrim.** 10131.

Anthracotherium. **Pilgrim.** 10031.

Antidolcus gaudryi n. sp. Maragha. **Mecquenem.** 10061.

Brachyodus spp. Baluchistan. **Pilgrim.** 10131.

Bugtitherium. **Pilgrim.** 10131.

Cadwcotherium. Baluchistan. **Pilgrim.** 10131.

Cephalogale. Baluchistan. **Pilgrim.** 10131.

Diceratherium (?) spp. **Pilgrim.** 10131.

Dinotherium indicum var. *gajensis* n. sp. Bugti hills, Punjab, Baluchistan. **Pilgrim.** 10131.

Diprathomus. **Sergi.** 10175.

——— *platensis*. **Stolyhwo.** 10217.

Drymohippus n. subgen. **Merriam.** 10074.

Elephas sp. **Mariani.** 10052.

——— sp. **Meli.** 10065.

Galemys hungaricus n. sp. Hongrie. **Kornos.** 10019.

Gelcus (?) *gajensis* n. sp. Baluchistan. **Pilgrim.** 10131.

Gonotelma sp. Baluchistan. **Pilgrim.** 10131.

Hemimastodon n. gen. **Pilgrim.** 10131.

Hemimeryx. Baluchistan. **Pilgrim.** 10131.

Hipparion. Martigné-Briand. **Ferrounière.** 9905.

——— (?) *mojavense* n. sp. California, Late Tertiary. **Merriam.** 10075.

Homo. **Giuffrida-Ruggeri.** 9938.

Hyobooops sp. Baluchistan. **Pilgrim.** 10131.

Hypohippus nevadensis n. sp. Nevada, Miocene. **Merriam.** 10074.

Libypithecus n. gen. et sp. Agypten, Pliocän. **Stromer.** 10218.

Lutra libyca sp. n. Ägypten, Pliocän. **Stromer.** 10218.

Maragatherium n. gen. Maragha. **Mecquenem.** 10061.

Mastodon. **Chomenko.** 9842.

Merycodus coronatus n. sp. California, Miocene. **Merriam.** 10070.

Merycopus. Baluchistan. **Pilgrim.** 10131.

Microselenodon spp. Baluchistan. **Pilgrim.** 10131.

Moeritherium (?). Baluchistan. **Pilgrim**. 10131.

Moropus hollandi n. sp. Nebraska, Miocene. **Peterson**. 10127.

Palaeochoerus. Baluchistan. **Pilgrim**. 10131.

Parahippus (?) *mouroungi* n. sp. California, Miocene. **Merriam**. 10074.

Phyllotillon. Baluchistan. **Pilgrim**. 10131.

Prodremotherium (?) *beatrice* n. sp. Baluchistan. **Pilgrim**. 10131.

Protohippus (?) *tantalus* n. sp. California, Late Tertiary. **Merriam**. 10075.

Pterodon bugtiensis. Pilgr., redescribed. Baluchistan. **Pilgrim**. 10131.

Rhinoceros. Montpellier, Sables pliocènes. **Gennevaux**. 9922.

Rhinoceros morgani, n. sp. Maragha. **Mecquenem**. 10061.

Schizotherium. **Pilgrim**. 10131.

Sciurus. Ungarn, Miocän. **Kormos**. 10020.

Sus sp. **Mariani**. 10052.

Teleoceras. Baluchistan. **Pilgrim**. 10131.

Telmatodon. Baluchistan. **Pilgrim**. 10131.

Tephracyon spp. relationships. **Merriam**. 10071.

Ursus. Netherlands, Pliocene. **Newton**. 10098.

6031.95 PLEISTOCENE AND RECENT.

GENERAL.

Adloff. 9762. Die Zähne der diluvialen Menschenrassen.

Allen. 9765. Ontogenetic and other variations in muskoxen, with a systematic review of the muskox group, recent and extinct.

Antonius. 9771. Equidenstudien. I. Ueber das Aussehen des Tarpan's.

Bassani e Galdieri. 9780. Scavo geologico eseguito a Capri.

Dreger. 9884. Ein Fund von Mammutresten bei Taufkirchen unweit Schärding in Oberösterreich.

Drevermann u. Hiltzheimer. 9887. Die Knochenfunde der Steinauer Höhle.

Felix. 9901. Vergleichende Bemerkungen zu den Mammutskeletten von

Steinheim a. d. Murr (in Stuttgart) und von Borna (in Leipzig).

Giffen. 9931. Wurte und Wurtenhund.

Janiševskij. 9993. Eine Notiz über den Fund von Mammutüberresten in der Stadt Tomsk. (Russ. mit deutsch. Rés.)

Kafka. 9999. Rezenten und fossile Ungulata Böhmens. I. Abt. 1. *Proboscidea*. 2. *Perissodactyla*.

Keller. 10002. Haustiere der Mittelmeer-Inseln.

———— 10003. Haustierlunde von Le Tène.

Laurer. 10028. Abstammungs- und Rassenkunde des Hausrindes.

Ličkov. 10037. Le mammoth de Kojanki.

Matthew. 10056. Cuban fossil mammals.

Maunier. 10060. Der Mensch zur Eiszeit in Europa und seine Kultur-entwicklung bis zur Ende der Steinzeit.

Mochi. 10080. L'Industria litica della grotta di Golino nei Monti dell'Uccellim (Talamone, Prov. di Grosseto).

———— 10081. Le ricerche di Marchesetti nella Grotta Pocala presso Aurisina sul Carso triestino.

———— 10083. Sulla cronologia di alcuni giacimenti quaternari italiani a fauna calda.

———— 10084. Faune Riss-Würmiana, Würmiana e Post-Würmiana e industria paleolitica superiore nella grotta di Cucigliana (Monti Pisani).

Schweder. 10170. Ueber die grossen Vertreter der Diluvialzeit im Balticum.

Stefanescu. 10202. Structure de la couronne des molaires d'éléphant.

Stefano (De). 10211. I mammiferi preistorici dello Imolese.

Stoller. 10216. Spuren des diluvialen Menschen in der Lüneburger Heide.

Wieggers. 10259. Das Alter des diluvialen Menschen in Deutschland.

SPECIAL.

Aftonius gen. n. *calvini* sp. n. Iowa, Pleistocene. **Hay**. 9959.

Alves. **Zuffardi**. 10274.

Arvicola. Ungarn. **Ehik**. 9892.

Bison regius n. sp. Kansas. **Hay**. 9962.

- Bos*. **Stefano (De)**. 10211.
Camelops. Alaska, Pleistocene. **Gidley**. 9926.
 ——— spp. **Hay**. 9963.
 ——— California, Pleistocene.
Merriam. 10069.
Canis (?) sp. (?) Ungarn. **Éhik**. 9892.
 ——— *arnbrusteri* n. sp. Maryland, Pleistocene. **Gidley**. 9929.
 ——— **Stefano (De)**. 10211.
Cupreolus. Ungarn. **Éhik**. 9892.
 ——— **Stefano (De)**. 10211.
Castor. **Stefano (De)**. 10211.
Castoroides kansensis, n. sp. Kansas, Pleistocene. **Martin**. 10054.
Cervalces roosevelti sp. n. Iowa, Pleistocene. **Hay**. 9959.
Cervus sp. (?) n. **Simonelli**. 10188.
 ——— **Stefano (De)**. 10211.
 ——— Russia. **Doss**. 9882.
 ——— Siberia. **Schweder**. 10169.
 ——— **Förster**. 9908.
 ——— Quaternaire algérien. **Joleaud**. 9996.
Cricetulus. Ungarn. **Éhik**. 9892.
Cricetus. Ungarn. **Éhik**. 9892.
Crocidura. Ungarn. **Éhik**. 9892.
Desmana nehringi n. sp. Hongrie. **Kormos**. 10019.
Elephas. Chantonnay (Vendée). **Ferronière**. 9906.
 ——— Schwaben. **Freudenberg**. 9915.
Equus. **Broom**. 9818.
 ——— California, Pleistocene.
Merriam. 10073.
 ——— **Stefano (De)**. 10211.
 ——— **Förster**. 9908.
 ——— nn. spp. Florida, Pleistocene. Nebraska. **Hay**. 9961.
 ——— *niobrarensis alaskae* subsp. n. Alaska, Pleistocene. **Hay**. 9960.
Erinaceus. Ungarn. **Éhik**. 9892.
Evotomys. Ungarn. **Éhik**. 9892.
Galemys semseyi n. sp. Hongrie. **Kormos**. 10019.
Glis glis. Ungarn. **Éhik**. 9892.
Hircus. **Stefano (De)**. 10211.
Homo. **Giuffrida-Ruggeri**. 9936, 9938.
 ——— **Lorenzo (De)**. 10045.
 ——— **Mochi**. 10082.
 ——— **Zuccarelli**. 10273.
Hystrix sp.? Ungarn. **Éhik**. 9892.
Lepus sp.? Ungarn. **Éhik**. 9892.
Lupus. **Stefano (De)**. 10211.
Martes. **Stefano (De)**. 10211.
Megalomys californicus n. sp. California, Pleistocene. **Stock**. 10215.
Microtus. Ungarn. **Éhik**. 9892.
Mus. Ungarn. **Éhik**. 9892.
Mylodon garmani n. sp. Nebraska, Pleistocene. **Allen**. 9764.
Myodes torquatus n. subsp. *mauerensis*. **Förster**. 9908.
Myotes. Ungarn. **Éhik**. 9892.
Nothrotherium gracilipes n. sp. California, Pleistocene. **Stock**. 10215.
Ochotona. Ungarn. **Éhik**. 9892.
Oris spp. **Stefano (De)**. 10211.
Putorius. Ungarn. **Éhik**. 9892.
Rhinoceros. Ungarn. **Éhik**. 9892.
Sorex. Ungarn. **Éhik**. 9892.
Sus scrofa subsp. **Stefano (De)**. 10211.
Talpa. Ungarn. **Éhik**. 9892.
Taurotragus americanus n. sp. Maryland, Pleistocene. **Gidley**. 9927.
Ursus. Ungarn. **Éhik**. 9892.
 ——— spp. **Stefano (De)**. 10211.
 ——— *vitabilis* n. sp. Maryland, Pleistocene. **Gidley**. 9929.
Vulpes. **Stefano (De)**. 10211.

LIST OF NEW GENERA AND SPECIES.

- 0131** *FOSSILIA AFFINITATIS
VEL ORIGINIS INCERTAE.*
- DIPLOCHAETETES n. gen. Weissermel. 9796.
— *longitubus*. Weissermel. 9796.
- PTERIDICHNITES n. gen. Clarke and Swartz. 9846.
— *biserialis*. Clarke & Swartz. 9846.
- 0431** *PROTOZOA.*
- ALVEOLINELLA *Bontangensis*. Rutten. 10154.
- AMMODISCUS *ovalis*. Chapman. 9835.
- BAELLOIDINA *Laurenti*. Franke. 9912.
- CRISTELLARIA *galea* n. nom. Fornasini. 9909.
- CRISTULA n. gen. Allix. 10030.
— *complanata*. Allix. 10030.
- DENDROPHRIA *tollii*. Awerinzew. 9774.
- DENTALINA *digitalis*. Franke. 9912.
- DOLIOLINA *aliciae*. Deprat. 9870.
— *claudiae*. Deprat. 9870.
— *pseudolepida*. Deprat. 9870.
- FISSURINA *pulchra*. Allix. 10030.
— *punctata*. Allix. 10030.
- FRONDICULARIA *lorifera*. Chapman. 9835.
— *minima*. Franke.
- FUSULINA *dussaulti*. Deprat. 9870.
— *globosa*. Deprat. 9870.
— *lautenoisi*. Deprat. 9870.
— *margheritii*. Deprat. 9870.
— *tehengkiangensis*. Deprat. 9870.
- FUSULINELLA *gigas*. Mansuy. 10049.
- GAUDRYINA *serrata*. Franke. 9912.
- HYPERAMMINA *suevica*. Hohenstein. 9976.
- NEOSCHWAGERINA *annae* Volz var. *stricta* n. var. Deprat. 9870.
— *craticulifera* var. *grandis* n. var. Deprat. 9870.
— — var. *tenuis* n. var. Deprat. 9870.
— *multicircumvoluta*. Deprat. 9870.
— *multiseptata*. Deprat. 9870.
- NUBECULARIELLA *birulai* n. gen. Awerinzew. 9774.
- PELOSINA (?) *arctica*. Awerinzew. 9774.
- PLEUROSTOMELLA *globulifera*. Franke. 9912.
- POLYMORPHINA *costata*. Allix. 10030.
— *dubia*. Awerinzew. 9774.
— *lecointreeae*. Allix. 10030.
- POLYSTOMELLA *falunica*. Allix. 10030.
- PULVINULINA *scaphoides*. Franke. 9912.
- ROTALINA *lecointreeae*. Allix. 10030.
- SCHWAGERINA *douvillei*. Deprat. 9870.
— *prisca*. Deprat. 9870.
- SERPULA *aberrans*. Hohenstein. 9976.
- SPIRILLINA *seminodosa*. Allix. 10030.
- UVIGERINA *westfalica*. Franke. 9912.
- 0631** *PORIFERA.*
- CLIONA *mammillata*. Chapman. 9831.
— *peregrinator*. Chapman. 9831.
- CRATICULARIA *auricularis*. Scupin. 10172.
- GUETTARDIA *crassa*. Scupin. 10172.
- MOPSEA *tenisoni*. Chapman. 9835.
- RHIZOCORALLIUM *Gläseli*. Felix. 9902.
- 0831** *COELENTERATA.*
- ACTINACIS *crassitexta*. Felix. 9903.
- AULOPORA *schucherti*. Swartz. 10225.

- BALANOPHYLLIA *oppenheimi*. Felix. 9904.
 CALAPOECIA *favositoidea*. Savage. 10157.
 CALVINIA n. gen. Savage. 10157.
 — *edgewoodensis*. Savage. 10157.
 CARYOPHYLLIA *clarus* n. var. *intermedia*.
 Felix. 9904.
 CERATOPORA (?) *marylandica*. Swartz.
 10225.
 CHAETETES *subradians*. Mansuy. 10049.
 CHONAXIS *ponguanensis*. Mansuy. 10050.
 CLADOCHONUS *humilis*. Clarke and
 Swartz. 9846.
 COELOPTYCHIUM (?) *jerseyense*. Shimer
 and Powers. 10179.
 COLUMNARIA (?) *helderbergiae*. Swartz.
 10225.
 COMOSERIS *australis*. Chapman. 9831.
 CYATHOPHYLLUM *clarki*. Swartz. 10225.
 — *lantenoi*. Mansuy. 10049.
 — *marylandicum*. Swartz. 10225.
 — *oherni*. Swartz. 10225.
 — *schucherti*. Swartz. 10225.
 CYCLOSERIS *Blanckenhorni*. Felix. 9903.
 CYPHASTRAEA *cymatoma*. Felix. 9904.
 CYSTIPHYLLUM *fasciculatum*. Swartz.
 10225.
 DIAMANTOPORA n. gen. Weissermel.
 9796.
 — *Lotzi*. Weissermel. 9796.
 DIPLOCHAETETES n. gen. Weissermel.
 9796.
 — *longitubus*. Weissermel. 9796.
 ENDOPHYLLUM *gymnanense*. Mansuy.
 10050.
 EUPHYLLIA *granulato-costata*. Felix. 9904.
 FAVIA *maerocalya*. Felix. 9904.
 FAVORITELLA n. gen. Mansuy. 10049.
 — *columnaris*. Mansuy. 10049.
 FAVOSITES *ellipticopora*. Mansuy. 10049.
 — *favosus intricatulus* n. var.
 Swartz. 10225.
 — *subelongus*. Savage. 10157.
 — *subregularis*. Mansuy. 10050.
 GALAXEA *haligena*. Felix. 9904.
 GONIASTRAEA *Fraasi*. Felix. 9903.
 HELIOPHYLLUM *scrutarium*. Clarke and
 Swartz. 9846.
 — *vesiculosum*. Mansuy. 10049.
 HETEROCYATHUS *Elberti*. Felix. 9904.
 LEPTORIA *Selenkæ*. Felix. 9904.
 LITHOPHYLLIA *Martini*. Felix. 9904.
 LITHOSTROTION *lantenense*. Mansuy.
 10049.
 — *mixtum*. Mansuy. 10050.
 MACANDRINA *Dozyi*. Felix. 9904.
 MADREPORA *prima* n. nom. Felix. 9904.
 — *secunda* n. nom. Felix. 9904.
 — *tertia* n. nom. Felix. 9904.
 MEGAPHYLLITES *lantenoi*. Mansuy.
 10049.
 METASTRAEA *speciosa*. Felix. 9904.
 METRIOPHYLLUM *poshiense*. Mansuy.
 10050.
 ORBICELLA *Branæ*. Felix. 9904.
 PACHYPORA *polygonalis*. Mansuy. 10050.
 PLACOSMILIA *bipartita*. Felix. 9904.
 SIDERASTRAEA *Blanckenhorni*. Felix.
 9904.
 — *columnaris*. Felix. 9904.
 STEPHANOSERIS *Carthausi*. Felix. 9904.
 STREPTELASMA *cumberlandica*. Swartz.
 10225.
 STRIATOPORA *bella*. Swartz. 10225.
 TELLINA *sutterensis*. Dickerson. 9878.
 TICHOSERIS *delicatula*. Felix. 9904.
 TROCHOSMILIA *bilobella*. Felix. 9903.
 ZAPHRENTIS *ambigua*. Savage. 10157.
 — *chemungensis*. Clarke and Swartz.
 9846.
 — *keyserensis*. Swartz. 10225.
 — *marylandicus*. Clarke and Swartz.
 9846.
 — *subregularis*. Savage. 10157.

1031 ECHINODERMATA.

- AMPHIOPE *Montezemoloi*. Lovisato.
 10046.
 ANTEDON *protomacronema*. Chapman.
 9835.
 ARCHAEOCIDARIS *wartellei*. Mansuy.
 10050.
 CALCEOCRINUS *marylandicus*. Ohern.
 10101.
 CLYPEASTER *Batillai*. Lovisato. 10046.
 — *Bussanii*. Lovisato. 10047.
 — *Canavarii*. Lovisato. 10047.

- CLYPEASTER *Capellinii*. Lovisato. 10047.
 — *Cavallottii*. Lovisato. 10048.
 — *Contivecchii*. Lovisato. 10046.
 — *Dourillei*. Stefanini. 10209.
 — *Gauthieri*. Lovisato. 10046.
 — *Imbriani*. Lovisato. 10048.
 — *Isseli*. Lovisato. 10047.
 — *Miccai*. Lovisato. 10048.
 — *Riccioi*. Lovisato. 10048.
 — *Torquati*. Lovisato. 10047.
 DIELASMA *Grandi*. Mansuy. 10050.
 — *triangularis*. Mansuy. 10050.
 ECHINOLAMPAS *cytherea*. Stefanini. 10208.
 HOMOCRINUS *hartleyi*. Ohern. 10101.
 LIUTHIA *mooraboolensis*. Pritchard. 10137.
 MELOCRINUS *harrisi*. Olsson. 10105.
 — *reticularis*. Olsson. 10105.
 — *williamsi*. Olsson. 10105.
 PALAEASTER *clarki*. Clarke and Swartz. 9846.
 PSEUDODIADEMA *peruanum*. Sommermeier. 10199.
 RHABDECHINUS n. gen. Lambert. Paris Rev. crit. Paléozoologie **16** 1912 p. 69.
 SCAPHIOCRINUS *depressus*. Mansuy. 10049.
 SCHIFASTER *Sturmi*. Scupin. 10172.
 TECHNOCRINUS (?) *lepidus*. Ohern. 10101.
 THYSANOCRINUS *eugenius*. Ohern. 10101.
 TRAUMATOCRINUS *perforatus*. Mansuy. 10049.
 TRICHOOCRINUS n. subgen. (*Melocrinus*). Olsson. 10105.
 1831 VERMES.
 SERPULA *ouyensis*. Chapman. 9835.
 SPIROBIS *gyrus*. Clarke and Swartz. 9846.
 2031 BRACHIOPODA AND BRYOZOA.
 ACROTHELE *orbicularis*. Mansuy. 10049.
 ALLORISMA *tonkinensis*. Mansuy. 10050.
 AMBOCOELIA *virginiana*. Prosser. 10141.
 AMPHICLINODONTA *Lackoi*. Bittner. 9791.
 ANASTROPHIA *proxima*. Mansuy. 10049.
 ANOPLIA *helderbergiae* Rowe. Schuchert et alii. 10168.
 ANOPLOTHECA *equistriata*. Schuchert. 10168.
 — *conceva tonolowayensis* Swartz n. var. Schuchert et alii. 10168.
 ATHYRIS *angulata*. Mansuy. 10049.
 — *goniocolpas*. Frech. 9913.
 — *sandyrewensis*. Licharev. 10036.
 ATRYPA (?) *biconveza*. Schuchert. 10168.
 — *bodini*. Mansuy. 10049.
 — *desquamata forojulienis* n. var. Gortani. 9940.
 — *desquamata trigona* n. var. Gortani. 9940.
 — *dourillei*. Mansuy. 10049.
 — *fimbriata*. Chapman. 9834.
 — *Inlii*. Gortani. 9940.
 — *praemarginalis*. Savage. 10157.
 — *reticularis* Linné sp. var. *decurvens* n. var. Chapman. 9834.
 — *signifera* n. var. *carnea*. Gortani. 9940.
 — *tubulistriata*. Savage. 10157.
 AULACOTHYRIS *inflata*. Mansuy. 10050.
 BATOSTOMELLA *interporosa*. Ulrich and Bassler. 10238.
 BERENICEA *nitida*. Maplestone. 10051.
 BRACHYPRION *latisculptilis*. Savage. 10157.
 — *shaleri*. Williams. 10261.
 — *stropheodontoides*. Savage. 10157.
 CABEREA *pedunculata* n. nom. *morningtoniensis* (pars). Maplestone. 10051.
 CAMAROTOECHIA (?) *antiqua*. Savage. 10157.
 — (?) *concinna*. Savage. 10157.
 — *congruata parkheadensis* n. var. Clarke and Swartz. 9846.
 — (?) *festinata*. Savage. 10157.
 CAMAROTOECHIA *gigantea* Maynard. Schuchert et alii. 10168.
 — *Kojewnikovi*. Tolmačev. 10229.
 — *lightoni*. Williams. 10261.
 — *oriskania* Rowe. Schuchert et alii. 10168.

- CAMAROTOECHIA (*Plethorhyncha*) *prae-speciosa*. Schuchert. 10168.
 — *Sjedovi*. Tolmačev. 10229.
 — *Webevi*. Tolmačev. 10229.
- CATENICELLA *rugosa*. Maplestone. 10051.
- CERAMOPORA (?) *inconlita*. Ulrich and Bassler. 10238.
- CHILOTRYPA *micropora*. Ulrich & Bassler. 10238.
- CHONETES *bastini*. Williams. 10261.
 — *bipartita*. Chapman. 9834.
 — *cobscooki*. Williams. 10261.
 — *edmundsi*. Williams. 10261.
 — *jerseyensis spinosus* n. var. Schuchert *et alii*. 10168.
 — *lepidiformis*. Clarke & Swartz. 9846.
 — *longispina*. Mansuy. 10050.
 — *magnini*. Mansuy. 10050.
 — *marylandicus*. Prosser. 10141.
 — *oaklandensis*. Clarke & Swartz. 9846.
 — *rowei*. Clarke & Swartz. 9846.
 — *rowei*. Schuchert. 10168.
 — *subacutiadiatus*. Schuchert. 10168.
- CLORINDA (?) *thibesensis*. Savage. 10157.
- CRANIA *pulchelloides*. Chapman. 9834.
- CRISTA *acuta*. Maplestone. 10051.
- CYRTINA *gracillima*. Bittner. 9791.
 — *Lóczyi*. Bittner. 9791.
 — *sub-biplicata*. Chapman. 9834.
- DALMANELLA *clarki* Maynard. Schuchert *et alii*. 10168.
 — *edgewoodensis*. Savage. 10157.
 — *modesta*. Savage. 10157.
- DIELASMA *curvirostris*. Mansuy. 10050.
 — *kirillovense*. Licharev. 10036.
 — *sandyrewense*. Licharev. 10036.
- DIPLOSTENOPORA n. gen. Ulrich & Bassler. 10238.
- DISCINA *sinensis*. Mansuy. 10049.
- DOUVILLINA *cayuta graciliora* n. var. Clarke & Swartz. 9846.
- EATONIA *hartleyi*. Schuchert. 10168.
- ENTALOPHORA *airensis*. Maplestone. 10051.
 — *quadrata*. Maplestone. 10051.
 — *sparsa*. Maplestone. 10051.
- ERIDOTRYPA *parvulipora*. Ulrich & Bassler. 10238.
- FENESTELLA *altidorsata*. Ulrich & Bassler. 10238.
 — *crasseseptata*. Gortani. 9940.
 — *cumberlandica*. Ulrich & Bassler. 10238.
 — *Iulii*. Gortani. 9940.
- FILISPARSA *concinna*. Maplestone. 10051.
- FISTULIPORELLA *cumulata*. Ulrich & Bassler. 10239.
 — *marylandica*. Ulrich & Bassler. 10238.
 — *maynardi*. Ulrich & Bassler. 10238.
 — *minima*. Ulrich & Bassler. 10238.
 — *quinquedentata*. Ulrich & Bassler. 10238.
- GYPIDULA (*Sieberella*) *coeymanensis* n. nom. Schuchert. 10168.
 — (*Sieberella*) *coeymanensis corriganensis* Maynard n. var. Schuchert *et alii*. 10168.
 — (*Sieberella*) *coeymanensis prognostica* Maynard n. var. Schuchert *et alii*. 10168.
 — (*Sieberella*) *dudleyensis* n. nom. Schuchert. 10168.
 — *subglobosa* Maynard. Schuchert *et alii*. 10168.
 — *victoriae*. Chapman. 9834.
- HINDELLA (?) *ambigua*. Savage. 10157.
- HOMOEOSPIRA *fiscellostriata*. Savage. 10157.
 — *immatura*. Savage. 10157.
 — *subcircularis*. Savage. 10157.
- HUSTEDIA *orientalis*. Mansuy. 10050.
- IDMONEA *angustata*. Maplestone. 10051.
 — *concinna*. Maplestone. 10051.
 — *delicatissima*. Maplestone. 10051.
 — *elongata*. Maplestone. 10051.
 — *morningtoniensis*. Maplestone. 10051.
 — *parvula*. Maplestone. 10051.
 — *uniseriata*. Maplestone. 10051.
- LEIORHYNCHUS *panciplicatus*. Tolmačev. 10229.
 — *deprati*. Mansuy. 10049.
- LEPTOSTROPHIA *perplana alternata* n. var. Clarke & Swartz. 9846.

- LINGULA *clarki*. Prosser. 10141.
 — *deprati*. Mansuy. 10049.
 — *loulanensis*. Mansuy. 10050.
 — *minima americana* n. var. Williams. 10261.
 — *oherni*. Clarke & Swartz. 9846.
 — *scobina*. Williams. 10261.
 — *subelliptica*. Mansuy. 10049.
 — *yunnanensis*. Mansuy. 10049.
 LINGULAPHOLIS n. gen. Schuchert. 10168.
 LINGULELLA *chapa*. Walcott. 10249.
 — *hitka*. Walcott. 10249.
 LINGULOPS *illinoisensis*. Savage. 10157.
 — *ovata*. Savage. 10157.
 LIOCLEMA *pulchellum*. Ulrich & Bassler. 10238.
 — *subramosum*. Ulrich & Bassler. 10238.
 LITHOSTROTION *jourdji*. Mansuy. 10050.
 MELICERITITES *armata*. Levinsen. 10035.
 — *Canui*. Levinsen. 10035.
 — *Dollfusi* var. *tubuliformis* n. Levinsen. 10035.
 — *Filiozati*. Levinsen. 10035.
 — *gothica* nov. nom. Levinsen. 10035.
 — *gothica* var. *acuminata* n. Levinsen. 10035.
 — *palpebrosa* nov. nom. Levinsen. 10035.
 — *pentagonum*. Levinsen. 10035.
 — *trifolium*. Levinsen. 10035.
 MERISTELLA *flayellei*. Mansuy. 10050.
 — *humilis*. Clarke & Swartz. 9846.
 — *praemunita*. Schuchert. 10168.
 — *rostellata*. Schuchert. 10168.
 — *symmetrica*. Schuchert. 10168.
 MERISTINA *globulus*. Gortani. 9940.
 MICKWITZIA *muralensis*. Walcott. 10249.
 MONTICULIPORA (?) *marylandensis*. Ulrich & Bassler. 10238.
 NUCLEOSPIRA *swartzi* Maynard. Schuchert et alii. 10168.
 OBOBELLA *nuda*. Walcott. 10249.
 OBOLUS *detritus*. Mansuy. 10049.
 ORBICULOIDEA *grandissima*. Kozłowski. 10021.
 — *roederi*. Schuchert. 10168.
 — *schucherti* Swartz. Schuchert et alii. 10168.
 ORISKANIA *lucerna*. Schuchert. 10168.
 ORTHIS *gentilis*. Gortani. 9940.
 PENTAMERUS *galvatus* n. var. *contrastans*. Gortani. 9940.
 — — n. var. *Hesperiae*. Gortani. 9940.
 — *granatus*. Gortani. 9940.
 — *parvulus*. Savage. 10157.
 — *venetus*. Gortani. 9940.
 PHOLIDOPS *mutilamellosa*. Schuchert. 10168.
 — *subelliptica*. Savage. 10157.
 POLYPORE *dictyota*. Ulrich & Bassler. 10238.
 PRODUCTELLA *bourguignonii*. Mansuy. 10049.
 — *curvata*. Tolmačev. 10229.
 — *Herminae* n. var. *sinuata*. Gortani. 9940.
 — *lachrymosa marylandica* n. var. Clarke & Swartz. 9846.
 — *naricelliformis*. Clarke & Swartz. 9846.
 — (?) *schucherti*. Prosser. 10141.
 — *tenuispina*. Mansuy. 10050.
 PRODUCTUS *Gröberii*. Krenkel. 10022.
 — *Lahuseni*. Licharev. 10036.
 — *lineatus* var. *mekongensis* n. var. Mansuy. 10050.
 — *paviei*. Mansuy. 10050.
 PROETUS *ellipticus*. Mansuy. 10049.
 PROTOZEUGA *sulcoearinata*. Savage. 10157.
 PTILODICTYA *tenella*. Ulrich & Bassler. 10238.
 RAFINESQUINA (?) *delicatula*. Savage. 10157.
 — (?) *mesicosta mesistria* n. var. Savage. 10157.
 RENNELAERIA (*Beachia*) *proavita*. Schuchert. 10168.
 — *circularis*. Schuchert. 10168.
 — *keyserensis* Swartz. Schuchert et alii. 10168.

- RINSELAERIA *marylandica symmetrica*. Schuchert. 10168.
 --- *subglobosa* n. var. Schuchert. 10168.
 --- *arvus* n. var. Schuchert. 10168.
 --- (*Beachia*) *suessana immatura*. Schuchert. 10168.
- RETICULIPORA *aironsis*. Maplestone. 10051.
- RETZIA *Aracanga*. Bittner. 9791.
 --- *hungarica*. Bittner. 9791.
 --- *Lóczyi*. Bittner. 9791.
 --- *oxyrhynchos* (Renz). Frech. 9913.
 --- *plicata*. Mansuy. 10050.
 --- *pseudolgrata*. Bittner. 9791.
 --- *ylbaugensis*. Mansuy. 10050.
- RHIPIDOMELLA *grandis*. Tolmačev. 10229.
 --- *marylandica*. Schuchert. 10168.
 --- *musculosa aretissimata* n. var. Schuchert. 10168.
 --- *tennilineata*. Savage. 10157.
- RHYNCHONELLA *cavatana* Bittner. var. *baconica* nov. Frech. 9913.
 --- *carorum*. Gortani. 9940.
 --- *convexa*. Mansuy. 10049.
 --- *cuneiformis*. Mansuy. 10050.
 --- aff. *decurtatae*. Frech. 9913.
 --- *decurtata* var. *oxypterus*. Frech. 9913.
 --- *ephippioides*. Gortani. 9940.
 --- *gigantea*. Mansuy. 10049.
 --- *Iulii*. Gortani. 9940.
 --- *Kunthi*. Scupin. 10172.
 --- *Laczkói*. Bittner. 9791.
 --- *Mahei*. Mansuy. 10050.
 --- *pseudopleurodon*. Mansuy. 10050.
- RHYNCHOPORA *lobiensis*. Tolmačev. 10229.
- RHYNCHOTREMA (?) *illinoisensis*. Savage. 10157.
- RHYNCHOTRETA *cumberlandica* Rowe. Schuchert *et alii*. 10168.
 --- *intermedia*. Savage. 10157.
 --- *lepida*. Savage. 10157.
 --- *parva*. Savage. 10157.
 --- *thobensis multistriata* var. Savage. 10157.
- SCENDIDIUM *italicum*. Gortani. 9940.
- SCHIZOPHORIA *oriskania*. Schuchert. 10168.
 --- *striatula marylandica*. n. var. Clarke & Swartz. 9846.
- SCHUCHERTELLA *curvistriata*. Savage. 10157.
 --- *elliptica*. Clarke & Swartz. 9846.
 --- *marylandica* Maynard. Schuchert *et alii*. 10168.
 --- *missouriensis convexa* n. var. Savage. 10157.
 --- *ponderosa*. Clarke & Swartz. 9846.
 --- *variabilis*. Prosser. 10141.
- SEMICOSCINIUM *planum*. Ulrich & Bassler. 10238.
- SIPHONOTRETA *plicatella*. Chapman. 9834.
- SPIRIFER *angularis*. Schuchert. 10168.
 --- *blasii* var. *sinensis* n. var. Mansuy. 10049.
 --- *bourgeoisii*. Mansuy. 10050.
 --- *concinnoideus*. Schuchert. 10168.
 --- *gordoni*. Schuchert. 10168.
 --- *hartleyi*. Schuchert. 10168.
 --- *Iulii*. Gortani. 9940.
 --- *kolymensis*. Tolmačev. 10229.
 --- *latinus*. Gortani. 9940.
 --- *lilydalensis*. Chapman. 9834.
 --- *mareyi superstes*. Clarke & Swartz. 9846.
 --- *modestus plicatus* Maynard. Schuchert *et alii*. 10168.
 --- *murchisoni marylandicus* n. var. Schuchert. 10168.
 --- *papillatus*. Tolmačev. 10229.
 --- *paucicostatus*. Schuchert. 10168.
 --- *perdeui*. Schuchert. 10168.
 --- *proavitus*. Schuchert. 10168.
 --- *sculptilis marylandensis* n. var. Prosser. 10141.
 --- *tribunarius*. Schuchert. 10168.
 --- *trochiloideus*. Gortani. 9940.
 --- *ramxemi prognosticus*. Schuchert. 10168.
 --- *verneuilli* var. *gummanensis* n. var. Mansuy. 10049.
- SPIRIFERINA *acuta*. Mansuy. 10050.
 --- *Bittneri* n. nom. Frech. 9913.

- SPIRIFERINA *hirsuta* var. *incurrata* n. var. Frech. 9913.
 — *Lóczyi* (Renz). Frech. 9913.
 SPIROPORA *gigantea*. Maplestone. 10051.
 — *minuta*. Maplestone. 10051.
 STENOPORA (?) *incrustans*. Ulrich & Bassler. 10238.
 STOMATOPORA *gippslandii*. Maplestone. 10051.
 STREPTORHYNCHUS (*Schuchertella*) *sibirica*. Tolmačev. 10229.
 STROMATOTRYPA *globularis*. Ulrich & Bassler. 10238.
 STRONGYLOPORA *concinna*. Maplestone 10051.
 STROPHALOSIA *zipinensis*. Licharev. 10036.
 STROPHODONTA (*Leptostrophia*) *aretimnucula*. Schuchert. 10168.
 — *coeymanensis* Swartz. Schuchert *et alii*. 10168.
 — *maynardi*. Clarke & Swartz. 9846.
 STROPHIPORA *dubia*. Maplestone. 10051.
 — *episcopalis*. Maplestone. 10051.
 STROPHOMENA *striatissima*. Gortani. 9940.
 STROPHONELLA *keyserensis* Swartz. Schuchert *et alii*. 10168.
 — *prolifera*. Schuchert. 10168.
 — *unduplicata* Swartz. Schuchert *et alii*. 10168.
 TEREBRATELLA *acutirostra*. Chapman. 9835.
 — *portlandica*. Chapman. 9835.
 TEREBRATULA *bahomensis*. Mansuy. 10050.
 — *brevirostris*. Mansuy. 10050.
 — *complanata*. Mansuy. 10050.
 — *Laczkói*. Bittner. 9791.
 — *vulgaris* n. var. *minor*. Wagner. 10244.
 TEREBRATULINA *findersi*. Chapman. 9835.
 THAMNISCUS *regularis*. Ulrich & Bassler. 10238.
 THECOSPIRA *Andreaci*. Bittner. 9791.
 — *porrecta*. Bittner. 9791.
 — *Semseyi*. Bittner. 9791.
 THECOSPIRELLA n. gen. Bittner. 9791.
 — *Lóczyi*. Bittner. 9791.
 TUBULIPORA *margaritacea*. Maplestone. 10051.
 — *minuta*. Maplestone. 10051.
 UNCINULUS *convexus* Maynard. Schuchert *et alii*. 10168.
 — *globulus*. Schuchert. 10168.
 — *gordoni* Maynard. Schuchert *et alii*. 10168.
 — *keyserensis*. Schuchert. 10168.
 — *nucleolatus angulatus* Maynard n. var. Schuchert *et alii*. 10168.
 WALDHEIMIA *Caffii*. Tommassi. 10230.
 — *Dalpiazzi*. De Toni. 10233.
 — *Eudora* Bittn. var. *angustissima* nov. Frech. 9913.
 — *Gervasonii*. Tommasi. 10230.
 — *lenticularis*. Tommasi. 10230.
 — *orobica*. Tommasi. 10230.
 — *platynota*. Tommasi. 10230.
 — *plavensis*. De Toni. 10233.
 — *praepulchella*. Frech. 9913.
 — *proxima*. Tommasi. 10230.
 — (*Cruratala*) *respremica*. Frech. 9913.
 WHITFIELDDELLA *acuminata*. Savage. 10157.
 — *edmundsi*. Williams. 10261.
 — (?) *minuta* Maynard. Schuchert *et alii*. 10168.
 — *ovoides*. Savage. 10157.
 — *speciosa*. Savage. 10157.

2231 MOLLUSCA.

- ACANTHOPECTEN *ohioensis*. Mark. 10053.
 ACILIA *insecta*. Kittl. 10009.
 ACLISINA *cancellata*. Mark. 10053.
 — *conditi*. Mark. 10053.
 — *costata*. Mark. 10053.
 — *formosa*. Mark. 10053.
 — *ornata*. Mark. 10053.
 — *pumila*. Mark. 10053.
 ACTAEOININA *kokeni*. Hohenstein. 9976.
 — *mediocalcis*. Hohenstein. 9976.
 — *scalaris* n. var. *gracilis*. Hohenstein. 9976.
 — *Vilae*. Hohenstein. 9976.

- ACTINOPTERIA *bella*. Williams. 10261.
 — *boydi gibbosa* n. var. Prosser. 10142.
 — *Deprati*. Mansuy. 10050.
 — *dispar*. Williams. 10261.
 — *fornicata*. Williams. 10261.
 — *virginica* Ohern. Ohern & Maynard. 10103.
- ALARIA *fairbanksi*. Davis. 9864.
- AMALTHEUS *Renzi*. Meister. 10063.
- AMASTRA *montagui*. Pilsbry. 10133.
- AMAUROPSIS (*tridactyla*) *papodensis*. Kittl. 10009.
 — *Hautkeni*. Kittl. 10009.
- AMBERLEYA *groenlandica*. Ravn. 10145.
- AMPHICERAS *apenninicum*. Fucini. 9918.
- AMPHICOELIA *urichi* Maynard. Ohern & Maynard. 10103.
- ANATIMYA *prisca*. Sommermeur. 10199.
- ANCELLA *Tulli* n. sp. Sokolov. 10194.
Tolmatschovi n. sp. Sokolov. 10194.
Wolossawitschi n. sp. Sokolov. 10194.
- ANCELLINA *F. Schmidtii*. Sokolov. 10196.
- ANGULARIA *nicernensis*. Daresté de la Chavanne. 9863.
- ANODONTOPHORA *putarkulensis*. Diener. 9880.
 — *subrecta*. Bittner. 9790.
- ANOMIA *pusilla*. Koken. 10018.
 — *triadica*. Diener. 9880.
- APORRHAIIS *subgibbosus*. Pervinquier. 10126.
- APTYCHUS *atlanticus*. Hennig. 9968.
- ARCA *contjeani* n. nom. Cossmann. Paris Rev. crit. Paleozoologie 16 1912 p. 214.
Koerti. Böhm. 9796.
Tarawa. Rollier. 10152.
Reuningi. Böhm. 9796.
- ARCHIPLECTONICA *ucacovi*. Dickerson. 9878.
- ARCOPTERA *indica*. Diener. 9880.
- ARIETICERAS *orientale*. Pia. 10130.
- ARIETITES (*Coroniceras*?) *Rosenbergi*. Haas. 9952.
- ASTARTE *alta*. Ravn. 10145.
 — *excelsa*. Rollier. 10152.
 — *praelonga*. Rollier. 10152.
- ASTARTE *Stebleri*. Rollier. 10152.
 — *Wercekei*. Rollier. 10152.
- ASTARTELLA *cristata*. Mansuy. 10049.
 — *orientalis*. Mansuy. 10049.
 — *portersvillensis*. Mark. 10053.
- ASTRALIUM *turritum*. Kittl. 10009.
- ATURIA *Lotzi*. Böhm. 9796.
- AULACOSTEPHANUS *groenlandicus*. Ravn. 10145.
- AVICULA *aculeata*. Bittner. 9790.
 — *Böckhi*. Bittner. 9790.
 — *collinensis*. Vinassa de Regny. 10240.
 — *ficki*. Pervinquier. 10126.
 — *Hofmanni*. Bittner. 9790.
 — *insolita*. Bittner. 9790.
 — *Laczkoï*. Frech. 9913.
 — *mediocalcis*. Hohenstein. 9976.
 — *pannonica*. Bittner. 9790.
 — *pastanmahensis*. Diener. 9880.
 — *praenominata* n. nom. Cossmann. Paris Rev. crit. Paleozool. 16 1912 217.
 — *vervili* n. nom. Cossmann. Paris Rev. crit. Paleozool. 16 1912 217.
 — *Wöhrmanni* n. denom. vice *A. Frechii* Bittn. Tommasi. 10230.
- AVICULOPECTEN (?) *cunbirlandensis* Ohern. Ohern & Maynard. 10103.
 — *dupontesi*. Mansuy. 10049.
 — *elegantulus*. Bittner. 9790.
 — *monodi*. Mansuy. 10050.
 — *sciengmanensis*. Mansuy. 10050.
- AWILLA *vassewi* n. nom. Cossmann. 9857.
- AXIRAEA *gabbi* n. nom. Cossmann. 9857.
- BADIOTELLA *Taramellii*. Tommasi. 10230.
- BELLEROPHON *clarki*. Clarke & Swartz. 9846.
 — *consimilis*. Savage. 10157.
 — *hellerbergiae* Maynard. Ohern & Maynard. 10103.
 — *nactoides*. Clarke & Swartz. 9846.
 — *planconvexus*. Mansuy. 10049.
- BEUSHAUSENIA *commutata* n. nom. Cossmann. Paris Rev. crit. Paleozoologie 16 1912 (217).
- BIFIDARIA *meclungi*. Hanna & Johnston. 9956.

- BIRADIOLITES *Duinelli*. Parona. 10119.
 — *fasciger*. Scupin. 10172.
 BOURNONIA *lecocqi*. Pervinquière. 10126.
 BRUSINAELLA. Andrussow. 9769.
 BUCCINUM *miocenicum* Mich.-obliquum.
 Švec. 10223.
 BUCHIOLA *mariae*. Clarke & Swartz.
 9846.
 BUCURDOMYIA n. nom. Rollier. Paris
 Rev. crit. Paléozool. 16 1912 214.
 BULLINELLA *martinicensis*. Cossmann.
 9856.
 CALLIOSTOMA (?) *arnoldi*. Dickerson.
 9878.
 — *salvatoris*. Gemmellaro. 9921.
 — *Sartoriusi*. Gemmellaro. 9921.
 CALLONEMA *pristina*. Savage. 10157.
 CALYPTRAEA *bouei*. Pervinquière. 10126.
 CANCELLARIA *mangyschlakica*. Bajarunas.
 9775.
 — *stantoni*. Dickerson. 9878.
 CARDIUM *Agovicium*. Rollier. 10152.
 — *Couloni*. Rollier. 10152.
 — *cyprinoideum*. Rollier. 10152.
 — *dalli*. Dickerson. 9878.
 — *dynamis*. Švec. 10222.
 — *falunica*. Švec. 10222.
 — *gerardi* n. nom. Cossmann. 9857.
 — *Turanum*. Rollier. 10152.
 — *Lamarckii* Reeve n. var. *quaratensis*.
 Trentanove. 10237.
 — *Metheyi*. Rollier. 10152.
 — *Mikhailovskiyi*. Švec. 10223.
 — *Pagnarri*. Rollier. 10152.
 — *persistans*. Švec. 10222.
 — *Raurecianum*. Rollier. 10152.
 — *Triboleti*. Rollier. 10152.
 CARICELLA *stormisiana*. Dickerson. 9878.
 CARNIDIA n. gen. Bittner. 9790.
 — *pannonica*. Bittner. 9790.
 CASSIANELLA *ampezzana* n. mut. *praecursor*.
 Frech. 9913.
 CERITHIOPSIS? *burkevillensis*. Dall. 9862.
 CERITHIUM *boussaei* n. nom. *valdense*.
 Vignal. 10239.
 CERITHIUM *bucquoyi* n. nom. Cossmann.
 Paris Rev. crit. Paléozoologie
 16 1912 217.
 — *deningeri* n. nom. *difficile*. Cossmann.
 9857.
 — *Dresleri*. Scupin. 10172.
 — *forsthauseuse* n. nom. *acies*. Coss-
 mann. 9857.
 — *subattritum* n. nom. Cossmann. 9857.
 — *vogli* n. nom. *regale*. Vignal. 10239.
 — *willigeri*. Scupin. 10172.
 CHEMNITZIA *galatensis*. Gemmellaro.
 9921.
 CHIONE *speighti*. Suter. 10221.
 CHLAMYS *Bonae*. Fabiani. 9897.
 CLAVATULA *belli* n. nom. Cossmann.
 9857.
 — *neozelanica*. Suter. 10221.
 CLAVELLA *tabulata*. Dickerson. 9878.
 CLONITES *zeilerei*. Mansuy. 10049.
 COELOCERAS *dubium*. Pia. 10130.
 — *ponticum*. Pia. 10130.
 — *suspectum*. Pia. 10130.
 COELOSTYLINA *biconica*. Kittl. 10009.
 — *Ecki*. Hohenstein. 9976.
 — *pygmaea*. Hohenstein. 9976.
 — *ventricosa*. Darest de la Chavanne.
 9863.
 COLONIA *pliocostata*. Kittl. 10009.
 COLPOMYA *abrupta*. Savage. 10157.
 CONGERIA *bosniaca*. Katzer. 10001.
 CONOCARDIUM *cumberlandiae* Swartz.
 Prosser. 10142.
 CONUS *lavillei*. Cossmann. 9856.
 — *marginatus* var. *boussaei* n. var.
 Cossmann. 9856.
 — *martinicensis*. Cossmann. 9856.
 CORBIS *alapatitei*. Pervinquière. 10126.
 CORBULA *Helmersenii*. Michajlovskij.
 10077.
 COSMOCERAS *boreale*. Ravn. 10145.
 CRASPEDODON n. gen. Bittner. 9790.
 — *Hornigii*. Bittner. 9790.
 CRASSATELLA *bohemica*. Scupin. 10172.
 — *gerhardti* n. nom. Cossmann. 9857.
 — *gregaria*. Scupin. 10172.
 — *newtoni* n. nom. *aequalis* (Edwards
 nec Holtzaffel). Cossmann. 9857.

- CRASSATELLA tates* n. nom. Cossmann. 9857.
 — *tournoveri* n. nom. Cossmann. 9857.
CRENELLA striatula. Scupin. 10172.
CRYSOSTOMA Sejuenzai. Gemmellaro. 9921.
CTENODONTA elliptica n. mut. *praecursor*. Frech. 9913.
 — *lineata* n. mut. *minutissima*. Frech. 9913.
 — *subelliptica*. Savage. 10157.
CUCULLAEA abscisa. Scupin. 10172.
 — *ampla*. Rollier. 10152.
 — *cardiiformis*. Scupin. 10172.
 — *Chatelotensis*. Rollier. 10152.
 — *oolithica*. Rollier. 10152.
 — *Solodurina*. Rollier. 10152.
 — *Schalchi*. Rollier. 10152.
 — *Rauraca*. Rollier. 10152.
CUPANIELLA n. gen. Gemmellaro. 9921.
 — *biplicata*. Gemmellaro. 9921.
CYCLONEMA marylandense. Prosser. 10142.
 — *livatum grabaui* n. var. Prosser. 10142.
CYCLONEMINA crenulistriata. Clarke & Swartz. 9846.
 — — *obsolescens* n. var. Clarke & Swartz. 9846.
 — *multistriata*. Clarke & Swartz. 9846.
CYLENDRITES Wilsoni n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
CYPREA denticulina Sacco n. var. *mariana*. Cerulli-Irelli. 9830.
 — *europaea* Mtr. n. var. *pediculoides*. Cerulli-Irelli. 9830.
 — *Infernoi*. Cerulli-Irelli. 9830.
CYPRICARDELLA crassa. Clarke & Swartz. 9846.
 — *cumberlandiar*. Clarke & Swartz. 9846.
 — *marylandica*. Clarke & Swartz. 9846.
 — *nitidula*. Clarke & Swartz. 9846.
CYPRICARDIA greplini. Cossmann. Paris Rev. crit. Paléozool. 16 1912 213.
CYPRICARDINIA elegans. Clarke & Swartz. 9846.
 — — *angusta* n. var. Clarke & Swartz. 9846.
 — *subquadrata*. Savage. 10157.
CYRENA Bergiana. Michajlovskij. 10077.
CYRTOCERAS (?) dabum. Swartz. Ohern & Maynard. 10103.
 — *virgatum*. Mansuy. 10040.
DAWSONOCERAS tenuilineatum. Savage. 10157.
DELPHINULA zeklii n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
DELTOPECTEN Barboti. Licharev. 10036.
DIANELLA n. nom. subgen. Diana Clessin. nec Risso. Cossmann. 9857.
DIAPHOROSTOMA illinoisensis. Savage. 10157.
 — *niagarensis immatura* n. var. Savage. 10157.
DICERAS portlandicum. Rollier. 10152.
DICERATHERIUM bohemicum. Katka. 9999.
DICEROCARDIUM Curionii. Frech. 9913.
 — *dolomiticum*. Frech. 9913.
 — — *Marianii* n. var. Frech. 9913.
 — — var. *subcurionii* n. var. Frech. 9913.
 — *eupalliatum*. Frech. 9913.
 — *mediofasciatum*. Frech. 9913.
DIDACNA becenensis. Andrussoff. 9768.
 — *carditoides*. Andrussoff. 9768.
 — *Karpinskyi*. Andrussoff. 9768.
 — *subcrassatellata*. Andrussoff. 9768.
 — *subcrenulata*. Andrussoff. 9768.
 — *subdepressa*. Andrussoff. 9768.
 — *subincerta*. Andrussoff. 9768.
 — *subsulcatina*. Andrussoff. 9768.
 — *Voskobojnikovii*. Andrussoff. 9768.
DIOMYOPSIS intusornata. Bittner. 9790.
 — *plana*. Bittner. 9790.
DIPLDONTA mediamericana. Brown & Pilsbry. 9821.
DISCOHELIX Mariae. Gemmellaro. 9921.
DISTEFANELLA Salmoiraghi. Parona. 10119.

- DRILLIA *boussaci*. Cossmann. 9856.
 — *harfordiana colonensis* n. var. Brown & Pilsbry. 9821.
 — — *flueki* n. var. Brown & Pilsbry. 9821.
 — *toulai*. Cossmann. 9856.
 DURANIA *arundinea*. Parona. 10119.
 — *bertholoni*. Pervinquière. 10126.
 — *hippuritoidea*. Parona. 10119.
 — *Martellii*. Parona. 10117A.
 DUTALUM *vinassia* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
 ECTOMARIA *ecclesiae*. Clarke & Swartz. 9846.
 — *marylandica*. Clarke & Swartz. 9846.
 EMARGINULA *Vedanae* n. sp. de Toni. 10233.
 ENANTIOSTREON n. gen. Bittner. 9790.
 — *hungaricum*. Bittner. 9790.
 ENTOLIUM *prosseri*. Mark. 10053.
 EUCHILODON *morieriei*. Cossmann. 9856.
 EUCHRYSALIS *germanica*. Hohenstein. 9976.
 EUCYCLOSCALA *margaritata*. Kittl. 10009.
 — *semicaucellata*. Kittl. 10009.
 EUMARGARITA *trozzensis*. Pervinquière. 10126.
 EUOMPHALUS *Klobukowskii*. Mansuy. 10049.
 — *nitidus*. Mansuy. 10049.
 — *subcircularis*. Mansuy. 10049.
 EUPHEMUS *subsphaericus*. Mansuy. 10049.
 EURYALOX *Böcklii*. Kittl. 10009.
 EUTHRIA *cornea* (Linn.) n. var. *falciformis*. Cerulli-Irelli. 9830.
 EUTHYSTYLUS *balatonicus*. Kittl. 10009.
 EXOGYRA *conica* n. var. *declivis*. Scupin. 10172.
 FASCIOLARIA *desjardinsi*. Pervinquière. 10126.
 FEDAIELLA *somensis*. Kittl. 10009.
 FISSURELLA *donani*. Pervinquière. 10126.
 FUSINUS (*Priscofusus*) *lineatus*. Dickerson. 9878.
 FUSUS *fagesi*. Pervinquière. 10126.
 — *Rigaccii*. Cerulli-Irelli. 9830.
 — *suberraticus*. Bajarunas. 9775.
 GARNIERIA *pusilla*. Ravn. 10145.
 GASTRODONTA (?) *cranstonensis sinclairi* n. var. Cockerell & Henderson. 9854.
 GERVILLEIA *alloncheryi*. Mansuy. 10050.
 — *Bouei obliquor* n. var. Bittner. 9790.
 — *ensis*. Bittner. 9790.
 — *haloensis*. Mansuy. 10050.
 — *hudlestoni* n. nom. Cossmann. 9857.
 — (?) *intermedia*. Mansuy. 10049.
 — *modiola*. Frech. 9913.
 — *pannonica*. Bittner. 9790.
 GLYCIMERIS *marysvillensis*. Dickerson. 9878.
 GONIOMYA *bisinuata*. Mansuy. 10050.
 GONIOPHORA *contraria*. Mansuy. 10050.
 GONODUS *Marianii*. Tommasi. 10230.
 GRAMMYSIA *pembrokensis*. Williams. 10261.
 GRANOCARDIUM *Beyschlagi*. Scupin. 10172.
 GRYPOCERAS *viliannum*. Diener. 9880.
 HAEDROPLEURA *heptagonalis*. Cossmann. 9856.
 HAMINEA *ventripotens*. Cossmann. 9856.
 HARPOCERAS (*Pseudoleioceras*?) *Ballinense*. Haas. 9952.
 — *Del Campanai* Fucini n. var. *involuta*. Haas. 9952.
 — *discoides* Zieten var. *pinvicostata* n. nom. Haas. 9952.
 — *Fucinianum*. Haas. 9952.
 — *retrosicosta* Oppel var. *geyeriana* n. nom. Haas. 9952.
 — *serotinum* Bettoni n. var. *levis*. Haas. 9952.
 — *sublythense*. Haas. 9952.
 — ex aff. *sublythensis*. Haas. 9952.
 — *Mewghinianum* n. nom. *Harpoceras ruthenense* Reunis. Haas. 9952.
 — *Tacekii*. Haas. 9952.
 HELICINA *erosbyi*. Brown. 9820.
 HETERODONAX *alexandra*. Dall. 9862.
 HILDOCERAS *bifrons* n. var. *lusitanica*. Meister. 10063.
 — *Saemanni* n. var. *compressa*. Meister. 10063.

- HOERNESIA *bharoni*. Diener 9880.
 HOFERIA *exsul*. Bittner. 9700.
 HOLOGYRA *amabilis*. Hohenstein. 9976.
 — *progressa*. Kittl. 10099.
 HOLOPEA *humilis*. Clarke & Swartz. 9846.
 — *marylandica*. Clarke & Swartz. 9846.
 — *minuta*. Savage. 10157.
 — *roveri*. Clarke & Swartz. 9846.
 HORMOTOMA *histriata*. Clarke & Swartz. 9846.
 — *tenera*. Savage. 10157.
 HUNGARITES *middlemissii*. Diener. 9880.
 HYDROBIA *dolffusi*. Wenz. 10252.
 — *elongata* n. var. *bicarinata*. Wenz. 10252.
 — *elongata* n. var. *carinulata*. Wenz. 10252.
 — *elongata* n. var. *procera*. Wenz. 10252.
 — *obtusa* n. mut. *aperta*. Wenz. 10252.
 — *obtusa* n. mut. *distorta*. Wenz. 10252.
 — *obtusa* n. mut. *incrassata*. Wenz. 10252.
 — *obtusa* n. mut. *tennis*. Wenz. 10252.
 — *obtusa* n. mut. *umbilicata*. Wenz. 10252.
 INOCERAMUS *lucianus*. Davis. 9864.
 — *siccensis*. Pervinquièrè. 10126.
 — *Wollossowitschi*. Sokolov. 10196.
 INTEGRICARDIUM subgen. nov. Rollier. 10152.
 INYOITES *Kashmiricus*. Diener. 9880.
 ISAPIS *obsoleta*. Dall. 9862.
 ISCULITES *middlemissii*. Diener. 9880.
 ISOARCA *Meylani*. Rollier. 10152.
 — *Schüléri*. Rollier. 10152.
 ISOCARDIA *sudetica*. Scupin. 10172.
 ISOTELUS *longaevus*. Savage. 10157.
 JULIENIA *verneau*. Mansuy. 10049.
 KASHMIRITES n. gen. Diener. 9880.
 — *blaschkei*. Diener. 9880.
 — *subarmatus*. Diener. 9880.
 KEENEIA *twelvetreesi*. Dun. 9888.
 KEPPLERITES *Tychonis*. Ravn. 10145.
 KOKENELLA *Laczko*i. Kittl. 10009.
 LEDA *circumflexa*. Mansuy. 10050.
 — *fibula*. Mansuy. 10050.
 — *Matheyi*. Rollier. 10152.
 — *meekana* n. nom. Mark. 10053.
 — *vulgaris*. Brown & Pilsbry. 9821.
 LEOPTERIA *rubra*. Williams. 10261.
 LEPTODESMA *elongatum*. Clarke & Swartz. 9846.
 LIMA *balatonica*. Bittner. 9700.
 — *commutata* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
 — *dalli* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
 — *distincta*. Bittner. 9790.
 — *gosaviensis* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
 — *Kochi*. Frech. 9913.
 — *Lóczyi*. Bittner. 9790.
 — *rauracica* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 213.
 LIMOPTERA *inopinata*. Mansuy. 10050.
 LIOPTERIA *auriculata*. Clarke & Swartz. 9846.
 — *marylandica*. Clarke & Swartz. 9846.
 LITHOPHAGUS *tridicus*. Bittner. 9790.
 LOPHOSPIRA *fasciata*. Savage. 10157.
 — *thebesensis*. Savage. 10157.
 LOXONEMA *aciculare* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
 — *Árpádis*. Kittl. 10009.
 — *encycloides*. Kittl. 10009.
 — *glabrum*. Clarke & Swartz. 9846.
 — *mediocalcis*. Hohenstein. 9976.
 LUCIELLINA n. gen. Kittl. 10009.
 — *contracta*. Kittl. 10009.
 — *striatissima*. Kittl. 10009.
 LUCINA *balcombica* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
 — *calmoni*. Pervinquièrè. 10126.
 — *mitchelli*. Pritchard. 10138.
 LUNULICARDIUM *cymbula*. Clarke & Swartz. 9846.
 LYCODUS *praeliassicus*. Frech. 9913.
 LYONNIA *Germari* n. var. *crassa*. Scupin. 10172.

- LYTCERAS *polare*. Ravn. 10145.
 MACROCHILINA *pulchella*. Clarke & Swartz. 9846.
 MACRODON *Boehmi*. Scupin. 10172.
 — *elongatus*. Bittner. 9790.
 — *Hagenii*. Ravn. 10145.
 — *Mylli*. Ravn. 10145.
 — *solitarius*. Bittner. 9790.
 MACTRA *Dernburgi*. Böhm. 9796.
 MARGINELLA *gavamantica*. Pervinquieré. 10126.
 — *Mindiensis*. Cossmann. 9856.
 — *Saccoi* n. nom. Cossmann. 9857.
 MEEKOCERAS *yunnanense*. Mansuy. 10049.
 MEGALODUS *dispar*. Koken. 10018.
 — *lenticularis*. Koken. 10018.
 — *rimosus*. Frech. 9913.
 — *truncatus*. Koken. 10018.
 MELANIA *aubryana* var. *concellata* n. var. Mansuy. 10049.
 — — *costulata* n. var. Mansuy. 10049.
 — — *spiralis* n. var. Mansuy. 10049.
 — — *obsoleta* n. var. Mansuy. 10049.
 MERETRIX *peyroti* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 (214).
 MESOSTOMA *Charlottae*. Scupin. 10172.
 METOPIAS *Santae Crucis*. Koken. 10018.
 MICRODEROCERAS *tardecrescens*. Kleinasién. Pia. 10130.
 MICRODOMA *imbricata*. Mansuy. 10049.
 MISALIA *foucheri*. Pervinquieré. 10126.
 MITRA *Fontannesii*. Cerulli-Irelli. 9830.
 — *fricobergi* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 217.
 — *fusiformis* (Br.) n. var. *angulifera*. Cerulli-Irelli. 9830.
 — — n. var. *mariana*. Cerulli-Irelli. 9830.
 — *posterior* n. nom. Cossmann. 9857.
 MODIOLA *neutroni* n. nom. Cossmann. 9857.
 — *Salzstettensis*. Hohenstein. 9976.
 MODIOLARIA *Michali*. Pervinquieré. 10126.
 MODIOLOPSIS *concinna*. Savage. 10157.
 — *leightoni*. Williams. 10261.
 (K-9180)
 MODIOMORPHA *duponti*. Mansuy. 10050.
 — *lavali*. Mansuy. 10050.
 MONODACNA *Pharnaci*. Švec. 10222.
 — *Polemonis*. Švec. 10222.
 MRHILALIA n. gen. Pervinquieré. 10126.
 — *haugi*. Pervinquieré. 10126.
 MUESTIA *boussacii*. Cossmann. 9856.
 MURCHISONIA *angulata conoidea* n. var. Mansuy. 10049.
 — (*Chrilotoma*) *hungarica*. Kittl. 10009.
 — *laevigata*. Mansuy. 10049.
 — *pleurotomarioides*. Mansuy. 10050.
 MUREX (*Trophon*) *burlensis*. Bajarunas. 9775.
 MYACITES *baconicus*. Bittner. 9790.
 — *Fassāensis brevis* n. var. Bittner. 9700.
 MYALINA *eduliformis* n. mut. *praecursor*. Frech. 9913.
 — *carnicus*. Gortani. 9940.
 — *concinuus*. Scupin. 10172.
 — *rackwitzensis*. Scupin. 10172.
 MYOCONCHA *daetylus*. Rollier. 10152.
 — *Germaini*. Rollier. 10152.
 — *gregaria*. Bittner. 9790.
 — *parvula*. Bittner. 9790.
 — *Sequani*. Rollier. 10152.
 MYOPHORIA *ampezzana*. Koken. 10018.
 — *fallax subrotunda* n. var. Bittner. 9790.
 — *germanica*. Hohenstein. 9976.
 — *ladina*. Koken. 10018.
 — *middlemissii*. Diener. 9880.
 — *praeorbicularis*. Bittner. 9790.
 — *proharpa*. Frech. 9913.
 — *reducta*. Koken. 10018.
 — *Volzi*. Frech. 9913.
 — *vulgaris* n. var. *semicostata*. Hohenstein. 9976.
 — *Währmanni* Bittn. var. *leicivata*. Tommasi. 10230.
 MYOPHORIOPSIS *intermedia*. Bittner. 9790.
 — *plana*. Hohenstein. 9976.
 MYSIDIA *lithophagoides*. Frech. 9913.

- MYSIDIOPTERA *asiatica*. Mansuy. 10050.
 — *baconica*. Bittner. 9790.
 — *cimbriana*. Bittner. 9790.
 — *densestriata*. Bittner. 9790.
 — *dolomitica*. Koken. 10018.
 — *inversa*. Bittner. 9790.
 — *Laczkói*. Bittner. 9790.
 — *multicostata*. Bittner. 9790.
 — *ornata* Sch. n. var. *elata*. Tommasi. 10230.
 — *silvatica*. Frech. 9913.
 — *similis*. Bittner. 9790.
 — *spinescens*. Bittner. 9790.
 — *tenuicostata*. Bittner. 9790.
 MYSIDOPTERA *eximia*. Diener. 9880.
 MYTILARCA *marylandica* Ohern.
 Ohern & Maynard. 10103.
 — *rowei* Ohern, Ohern & Maynard. 10103.
 MYTILICONCHA n. gen. Tommasi. 10230.
 — *orebica*. Tommasi. 10230.
 MYTILUS *acuteacarinatus*. Bittner. 9790.
 NAJADITES *sopsongensis*. Mansuy. 10050.
 NASSA *Cocchii*. Trentanove. 10237.
 — *depulsa* n. nom. Cossmann. 9857.
 — *Manzonii*. Trentanove. 10237.
 — *Saccoi*. Trentanove. 10237.
 NATICA *bouveti*. Pervinquière. 10126.
 — *træsameni* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
 NATICELLA *Langi*. Hohenstein. 9976.
 NATICOPSIS *margheritii*. Mansuy. 10049.
 — *mediocalcis*. Hohenstein. 9076.
 — *neritinoides*. Mansuy. 10049.
 — *piriformis*. Mansuy. 10049.
 NAUTILUS *Brancoi*. Gemmellaro. 9921.
 — *demonensis*. Gemmellaro. 9921.
 — *Di Stefanoi*. Gemmellaro. 9921.
 — *Mariani*. Gemmellaro. 9921.
 — *Paretoi*. Gemmellaro. 9921.
 NEOMEGALODON *dissimilis*. Mansuy. 10050.
 NERINEA *byzacenica*. Pervinquière. 10126.
 NERITA *cevsiciniensis* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 213.
 NERITAEA *colchica*. Andrussow. 9769.
 NERITONIX n. gen. Andrussow. 9769.
 NERITOPSIS *Fabianii*. De Toni. 10233.
 NUCULA *cooperi*. Dickerson. 9878.
 — *doncieuxi* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 215.
 — *Montenotensis*. Rollier. 10152.
 — *monumentorum*. Gortani. 9940.
 — *productoides* n. nom. *producta*. Scupin. 10172.
 — *whitei* n. nom. Cossmann. 9857.
 NUCULITES *corrugata*. Williams. 10261.
 — *grabau*. Prosser. 10142.
 OLIVA *giraudi*. Cossmann. 9856.
 — *praenominata* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
 OLIVELLA *boussaci*. Cossmann. 9856.
 OLIVULA *marysvillensis*. Dickerson. 9878.
 OMPHALINA *oreodontis*. Cockerell & Henderson. 9854.
 OMPHALOPTYCHA *abnobae*. Hohenstein. 9976.
 — *gracillima* n. var. *suevica*. Hohenstein. 9976.
 — *kepleri*. Hohenstein. 9976.
 — *Ludwigii*. Kittl. 10009.
 OPIS (*Coelopsis*) *praeladina*. Frech. 9913.
 OREOHELIX *grangeri*. Cockerell & Henderson. 9854.
 — *megarche*. Cockerell & Henderson. 9854.
 ORTHOCERAS *schucherti* Maynard. Ohern & Maynard. 10109.
 — *sinuosum*. Mansuy. 10049.
 ORTHONEMA *bilineatum*. Mark. 10053.
 ORTHONOMA *paranensis*. Kozłowski. 10021.
 ORTHONYCHIA *prosseri*. Clarke & Swartz. 9846.
 — *unguiculata*. Clarke & Swartz. 9846.
 OSTREA *antiquensis*. Brown. 9820.
 — *fallax*. Scupin. 10172.
 — *gingensis* n. var. *africana*. Böhm. 9796.
 — *netschaewi* n. nom. Cossmann. 9857.
 — *sudetica*. Scupin. 10172.

- PACHYCHEILUS *anagrammatus*. Dall. 9862.
 — *suavis*. Dall. 9862.
- PACHYRISMA *Desori*. Rollier. 10152.
 — *Vesuntinum*. Rollier. 10152.
- PALAEONEILO *clarkei*. Prosser. 10142.
 — *crassa*. Clarke & Swartz. 9846.
 — *marylandica*. Prosser. 10142.
 — *perplana grabau* n. var. Prosser.
 — *rovei*. Prosser. 10142.
 — *triangularis*. Mansuy. 10050.
- PALAEOPecten n. gen. Williams. 10261.
 — *cobscookii*. Williams. 10261.
 — *transversalis*. Williams. 10261.
- PALEOPINNA *lata* Ohern. Ohern & Maynard. 10103.
- PALAEOSOLEN *minutus*. Prosser. 10142.
- PALUDESTRIINA *aldrichi*. Dall. 9862.
 — *cingulata*. Dall. 9862.
 — *curva*. Dall. 9862.
 — *milium*. Dall. 9862.
 — *turricula*. Dall. 9862.
- PANENKA *obsolescens* Kindle. Prosser. 10142.
- PANOFAEA *depressa*. Scupin. 10172.
 — *Muelleri*. Scupin. 10172.
 — *plana*. Scupin. 10172.
- PARACYCLAS *marylandica*. Clarke & Swartz. 9846.
- PARANAUTILUS *Kashmiricus*. Muschelkalk, Kashmir. Diener. 9880.
- PARATIBETITES *clarkei*. Mansuy. 10049.
 — *tuberculatus*. Mansuy. 10049.
- PARTULINA *montagui*. Pilsbry. 10133.
- PECTEN *anceps*. Tommasi. 10230.
 — *antiquensis*. Brown. 9820.
 — *arpadicus*. Bittner. 9790.
 — *auristriatus*. Frech. 9913.
 — *avaricus*. Bittner. 9790.
 — *balatonicus*. Bittner. 9790.
 — *Broenlundii*. Ravn. 10145.
 — *Brugnatellii*. Tommasi. 10230.
 — *Desiderii*. Bittner. 9790.
 — *etruscus*, De Stefani, C. Trentanove. 10237.
 — *fimbriatus*. Mansuy. 10049.
- PECTEN *harfordus*. Davis. 9864.
 — *hungaricus*. Bittner. 9790.
 — *incognitus*. Bittner. 9790.
 — *inconspicuus*. Bittner. 9790.
 — *janirulæformis*. Bittner. 9790.
 — *laosensis*. Mansuy. 10050.
 — *margaritiferrus*. Bittner. 9790.
 — *marshalli*. Suter. 10221.
 — (*Chlamys*) *middlemissii*. Diener. 9880.
 — *nugenti*. Brown. 9820.
 — *Paronai*. Tommasi. 10230.
 — *Peisonis*. Bittner. 9790.
 — *praemissus*. Bittner. 9790.
 — *redemptus*. Fucini. 9917.
 — *Rotai*. Tommasi. 10230.
 — *Salomoni*. Tommasi. 10230.
 — *shawi*. 10126. Pervinquière. 10126.
 — *subalternicostatus*. Bittner. 9790.
 — *subdivisus*. Bittner. 9790.
 — *transdanubialis*. Bittner. 9790.
 — *tridentini*. Bittner. 9790.
 — *venustulus*. Bittner. 9790.
 — *verrucosus*. Bittner. 9790.
 — *Veszprimiensis*. Bittner. 9790.
 — *vetulus*. Bittner. 9790.
- PECTUNCULUS *senoniensis*. Scupin. 10172.
- PERISPHINCTES *toulai* nov. nom. Lemoine. Paris Rev. crit. Paléozool. 16 1912 275.
- PERNA *groenlandica*. Ravn. 10145.
 — *Zimmermanni*. Scupin. 10172.
- PHACOIDES *rauracicus* n. nom. Cossmann. 9857.
- PHOLADOMYA *H. Bäckhi* n. sp. Pávai Vajna. 10121.
- PHOS (?) *martini*. Dickerson. 9878.
- PHYLLOCERAS *anonymum* n. nom. Haas. 9952.
 — *frondosum* Reyn. n. var. *globosior*. Pia. 10130.
 — (*Geyeroceras*) *iudicariense*. Haas. 9952.
 — *pseudocalais*. Pia. 10130.
 — *tonkai* n. nom. Lemoine. Paris Rev. crit. Paléozool. 16 1912 275.

- PHYSOCARDIA *aequalis*. Koken. 10018.
 — *minor*. Koken. 10018.
 PIRULA *sacchi* n. nom. Cossmann. 9857.
 PLANORBIS *ophis*. Dall. 9862.
 PLATYCERAS *angulare* Rowe. Ohern & Maynard. 10103.
 — *ansonium*. Gortani. 9940.
 — *compressum*. Clarke & Swartz. 9846.
 — *gracile* Ohern. Ohern & Maynard. 10103.
 — *Julii*. Gortani. 9940.
 — *marylandicum*. Clarke & Swartz. 9846.
 — *subconicum* Ohern. Ohern & Maynard. 10103.
 — *subfalcatum*. Ohern & Maynard. 10103.
 PLATYOSTOMA *sculpturatum*. Gortani. 9940.
 — *venetum*. Gortani. 9940.
 PLEUROMYA *ambigua*. Bittner. 9790.
 — *tricarinata*. Bittner. 9790.
 — (?) *undulata*. Davis. 9864.
 PLEURONAUTILUS *dolomiticus*. Koken. 10018.
 PLEUROPHORUS *tricarinatus*. Mansuy. 10050.
 PLEUROTOMA *correcta* n. nom. Cossmann. 9857.
 PLEUROTOMARIA *choneitangensis*. Mansuy. 10049.
 — *coëzi*. Pervinquière. 10126.
 — *constantini*. Mansuy. 10049.
 — *coyeuxi*. Mansuy. 10049.
 — *kirillowensis*. Licharev. 10036.
 — *Lebedewi*. Licharev. 10036.
 — *margaritifera*. Mansuy. 10049.
 — *multicarinata*. Mansuy. 10049.
 — *planispira*. Daresté de la Chavanne. 9863.
 — *propinqua*. Mansuy. 10049.
 — *Roussi* n. nom. *funata*. Scupin. 10172.
 — *sarranti*. Mansuy. 10049.
 — *wildei*. Mansuy. 10049.
 PLICATULA *Drescheri*. Scupin. 10172.
 POLEUMITA *bellasculptilis*. Savage. 10157.
 POLINICES *ambiguus*. Suter. 10221.
 PORCELLIA *julidivœi*. Mansuy. 10049.
 POSIDONIA (*Posidonomya*) *abbatiensis*. Koken. 10018.
 — *wenensis* n. mut. *alta*. Frech. 9913.
 POTAMIDES *gracilior* n. var. Dall. 9862.
 — *matsoni*. Dall. 9862.
 PRAECONIA (?) *liasina*. Rollier. 10152.
 PRIONITES *guryulensis*. Diener. 9880.
 PROLARIA *orientalis*. Mansuy. 10050.
 PROMATHILDIS *bicarinata*. Daresté de la Chavanne. 9863.
 — *confluens*. Kittl. 10009.
 — *demonensis*. Gemmellaro. 9921.
 — *eminens*. Koken. 10018.
 — *Hornigi*. Kittl. 10009.
 — *hungarica*. Kittl. 10009.
 — *rubra*. Koken. 10018.
 PROTEITES *indicus*. Diener. 9880.
 PROTCARDIUM *Hillanum* var. *elongata*. Scupin. 10172.
 PSAMMOBIA *jourdyi* n. nom. Cossmann. 9857.
 PSEUDOMELANIA *goniophana*. Kittl. 10009.
 PSEUDOMONOTIS *convexa*. Mansuy. 10050.
 — *dubiosa*. Bittner. 9790.
 — *kaukasica*. Wittenburg. 10267.
 — *Laczkói*. Bittner. 9790.
 — *laosensis*. Mansuy. 10050.
 — *Loczyi*. Bittner. 9790.
 — *plicatuloïdes*. Mansuy. 10049.
 PSEUDOSAGECERAS *clarisellatum*. Lower Trias, Kashmir. Diener. 9880.
 PTERINEA *elegans*. Savage. 10157.
 — *formosa*. Savage. 10157.
 — *nodocosta*. Clarke & Swartz. 9846.
 PTYCHITES *barclayi*. Muschelkalk, Kashmir. Diener. 9880.
 — *brückneri*. Diener. 9880.
 — *cunninghami*. Diener. 9880.
 PTYCHOMYA *Lissoni*. Sommermeier. 10199.
 PYCNONOSTA *flicki*. Pervinquière. 10126.
 PYRGULOPSIS (?) *satilla*. Dall. 9862.
 RADIOLITES *peucetius*. Parona. 10119.
 — *saticulanus*. Parona. 10119.

- RANGIA *cuneata solida* n. var. Dall. 9862.
- RHACOPHYLLITES *costicellatus*. Fucini. 9919.
- *limatus* Rosenb. n. var. *asiatica*. Pia. 10130.
- RHYNCHONELLA *lamana*. Upper Trias, Kashmir. Diener. 9880.
- RIGAUXIA *gracilis*. Darestede la Charvanne. 9863.
- RUGATISCALA n. subgen. Boury, de. 9806.
- SANDBERGERIA *acicularis*. Andrussow. 9770.
- *Sokolovi*. Andrussow. 9770.
- SAUVAGESIA *garganica*. Parona. 10119.
- *ginestonsi*. Pervinchière. 10126.
- SCALA (*Sthenorhytis*) *antiguensis*. Brown. 9820.
- SCALARIA *aldrichi*. Boury, de. 9805.
- *angulicinota*. Boury, de. 9805.
- *bardadensis* nom. mut. Boury, de. 9806.
- *barroisi* n. nom. *abbreviata*. Boury, de. 9806.
- *bavayi*. Boury, de. 9805.
- *bervillensis*. Boury, de. 9805.
- *bifillobivata*. Boury, de. 9805.
- *boussaci*. Boury, de. 9806.
- *chameriaccensis*. Boury, de. 9805.
- *clarki* n. nom. *reticulata*. Boury, de. 9806.
- *corneli* n. nom. *dumonti*. Boury, de. 9806.
- *costai* n. nom. *robusta*. Boury, de. 9806.
- *couturieri*. Boury, de. 9805.
- *cultellicosta*. Boury, de. 9805.
- *dantix*. Boury, de. 9805.
- *edeghemensis*. Boury, de. 9806.
- *exitis*. Boury, de. 9805.
- *expectata*. Boury, de. 9805.
- *extenuicosta* n. nom. *stenuicosta*. Boury, de. 9806.
- *frondiculoides*. Boury, de. 9806.
- *fuchsi* n. nom. *intermedia*. Boury, de. 9806.
- *gabbi* n. nom. *minutissima*. Boury, de. 9806.
- *gereti*. Boury, de. 9805.
- SCALARIA *grönvalli* n. nom. *mörchi*. Boury, de. 9806.
- *grossicungulata*. Boury, de. 9805.
- *hedleyi*. Boury, de. 9805.
- *ignota* n. nom. *Thomasi*. Boury, de. 9806.
- *inconstans* n. nom. *soluta*. Boury, de. 9806.
- *joubini* n. nom. *abbreviata*. Boury, de. 9806.
- *koenei* n. nom. *umbilicata*. Boury, de. 9806.
- *kopenhaguensis* n. nom. *crassilabris*. Boury, de. 9806.
- *lecointreae*. Boury, de. 9805.
- *marteli*. Boury, de. 9805.
- *martensi*. Boury, de. 9805.
- *pallaryi*. Boury, de. 9805.
- *pauli* n. nom. *fischeri*. Boury, de. 9806.
- *perangusta* n. nom. *angusta*. Boury, de. 9806.
- *pfeifferei* n. nom. *acuta*. Boury, de. 9806.
- *phoenix*. Boury, de. 9805.
- *pluricostata* n. nom. *multicostata*. Boury, de. 9806.
- *postulata*. Boury, de. 9805.
- *pseudocrassa* n. nom. *crassa*. Boury, de. 9806.
- *pseudocurta* n. nom. *curta*. Boury, de. 9806.
- *pseudorugulosa* n. nom. *rugulosa*. Boury, de. 9806.
- *secernenda*. Boury, de. 9805.
- *semperi* n. nom. *angusta*. Boury, de. 9806.
- *series*. Boury, de. 9805.
- *splendida*. Boury, de. 9805.
- *stricta* n. nom. *coarctata*. Boury, de. 9806.
- *subtilicostata* n. nom. *tenuicostata*. Boury, de. 9806.
- *subtilissima* n. nom. *subtilis*. Boury, de. 9806.
- *thielei*. Boury, de. 9805.
- *tomlini*. Boury, de. 9805.
- *trochoïdes* n. nom. *brochiformis*. Boury, de. 9806.
- *tryoni* n. nom. *smithi*. Boury, de. 9806.

- SCALARIA *turriiformis*. Boury, de. 9805.
 — *weinheimensis* n. nom. *rudis*. Boury, de. 9806.
 SCHIZODUS *frostbergensis*. Clarke & Swartz. 9846.
 — *malani*. Mansuy. 10049.
 — *oherni*. Clarke & Swartz. 9846.
 — *trigonalis*. Clarke & Swartz. 9846.
 SCUTULINA n. nom. Cossmann. Paris Rev. crit. Paléozoologie p. 217 16 1912.
 SERPULOPSIS n. gen. Kittl. 10009.
 — *aberrans*. Kittl. 10009.
 SIBIRITES *Kashmiricus*. Diener. 9880.
 SILIQUA *keiveri*. Pervinquière. 10126.
 SIPHONALIA *sutterensis*. Dickerson. 9878.
 SISENNA *infrma*. Kittl. 10009.
 — *Sándori*. Kittl. 10009.
 SMITHOCERAS *herminuae*. Diener. 9880.
 SOLARIELLA *oppenheimi*. Cossmann. Paris Rev. crit. Paléozoologie p. 217 16 1912.
 SOLARIUM *berthoni*. Pervinquière. 10126.
 — *cydamense*. Pervinquière. 10126.
 SOLENISCUS *aplatus*. Mark. 10053.
 — *scymnoides*. Mansuy. 10049.
 SOLENOMYA *abbreviata*. Frech. 9913.
 — *Semseyana*. Bittner. 9790.
 SPYROCERAS *clarkei*. Prosser. 10142.
 STEPHANOCOSMIA *dolomitica*. Kittl. 10009.
 — *nodulosa*. Daresté de la Chavanne. 9863.
 STRAPAROLLUS *marylandicus*. Clarke & Swartz. 9846.
 — *pumilis*. Savage. 10157.
 SURCULA *clarki*. Dickerson. 9878.
 — *holwayi*. Dickerson. 9878.
 SYMOCYON *Curdai*. Kafka. 9999.
 SYRNOLA *thelma*. Dall. 9862.
 TANCREEDIA *choboensis*. Mansuy. 10050.
 — *garaudi*. Mansuy. 10050.
 TANCREDIOPSIS *clarkei*. Prosser. 10142.
 TEINOSTOMA *macrostoma* Stol. n. var. *angulata*. Gemmellaro. 9921.
 TELLINA *dubia*. Gemmellaro. 9921.
 — *Iulii*. Gortani. 9940.
 — *Lüderitzi*. Böhm. 9796.
 — *oppenheimi*. Böhm. 9796.
 — *tenuistriata*. Davis. 9864.
 TENTACULITES *bellulus potomacensis* n. var. 10142.
 — *descissus*. Clarke & Swartz. 9846.
 — *irregularis*. Mansuy. 10050.
 TEREBRA *oryeta*. Suter. 10221.
 — *spei*. Brown & Pilsbry. 9821.
 TERQUEMIA *marginie-lobata*. Tommasi. 10230.
 THRACIA *mayeri* n. nom. Cossmann. 9857.
 — *microconcha* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 p. 213.
 TOMYRIS n. subgen. Michajlovskij. 10077.
 — *aralica*. Michajlovskij. 10077.
 — *ukrainae*. Michajlovskij. 10077.
 TRACHYCERAS *costulatum*. Mansuy. 10049.
 — *deprati*. Mansuy. 10049.
 — *douvillei*. Mansuy. 10049.
 — *fasciger*. Mansuy. 10049.
 — *sinense*. Mansuy. 10049.
 TRETOSPIRA *azygensis*. Daresté de la Chavanne. 9863.
 TRIGONIA *alemanica*. Rollier. 10152.
 — *ardennensis*. Rollier. 10152.
 TRIGONODUS *postrablensis*. Frech. 9913.
 TROCHUS *Folcoi*. Gemmellaro. 9921.
 TURBINILOPSIS *sinensis*. Mansuy. 10049.
 TURBO *coronola*. Clarke & Swartz. 9846.
 TURBONILLA *adamsi*. Cossmann. Paris Rev. crit. Paléozool. p. 217 16 1912.
 TURCICULA *katrabocensis*. Kittl. 10009.
 TURRICULA *orthocolpa*. Cossmann. 9856.
 — *Socolovi*. Bajarunas. 9776.
 TURRIS *andersoni*. Dickerson. 9878.
 TURRITELLA *atlantica*. Böhm. 9796.
 — *corneti* n. nom. Cossmann. Paris Rev. crit. Paléozool. 16 1912 214.
 — *Drescheri*. Scupin. 10172.
 — *forresti*. Brown. 9820.
 — *martini* n. nom. *acuticarinata* (Martin nec Dunker). Cossmann. 9857.
 — *merriami*. Dickerson. 9878.

- TURRITELLA moerckei* n. nom. Cossmann.
Paris Rev. crit. Paléozool. 16 1912
214.
- *satilla*. Dall. 9862.
- *terebribis* n. var. *applanata*. Böhm.
9796.
- *sermularis* n. var. *bijugata*. Böhm.
9796.
- *whitei* n. nom. *acuticarinata* (White)
nec Dunker. Cossmann. 9857.
- TYLOSTOMA peroni*. Pervinquier. 10126.
- *Stoliczkaei*. Scupin. 10172.
- UNDULARIA mediocalces*. Hohenstein.
9976.
- *siliquaolithica*. Hohenstein. 9976.
- UNIO (Pleurobema?) alixus*. Dall. 9862.
- *musius*. 9862.
- *sandrius*. Dall. 9862.
- UPTONIA micromphala*. Pia. 10130.
- UXIA miocaenica*. Cossmann. 9856.
- VENERICARDIA powderosa*. Suter. 10221.
- *Steinvorhi*. Scupin. 10172.
- VENUS Laskarevi*. Švec. 10223.
- VERMICERAS prolaquense*. Fucini. 9918.
- *Vinassai*. Fucini. 9918.
- VERTIGO martini*. Hanna & Johnston.
9956.
- VOLUTA intermedia*. Pritchard. 10139.
- *lawsoni*. Dickerson. 9878.
- *strophodon* n. var. *brevispira*.
Pritchard. 10139.
- *veldii* n. var. *angustior*. Pritchard.
10139.
- *wynyardensis*. Pritchard. 10139.
- VOLVULELLA hypermees*. Cossmann.
9856.
- WARTHIA subcarinata*. Mansuy. 10049.
- WORTHENIA beedei*. Mark. 10053.
- *Gepidorum*. Kittl. 10009.
- *Lóczyi*. Kittl. 10009.
- *vamosensis*. Kittl. 10009.
- XENODISCUS æquicostatus*. Diener. 9880.
- *althotæ*. Diener. 9880.
- *comptoni*. Diener. 9880.
- *salomonii*. Diener. 9880.
- YUNNANIA sulcata*. Mansuy. 10049.
- *termieri*. Mansuy. 10049.

ZYGOPLEURA carinifera. Daresté de la
Chavanne. 9863.

2431 ARTHROPODA, INCLUDING INSECTA.

- ACALLES exhumatus*. Wickham. 10257.
- AGABUS florissantensis*. Wickham. 10258.
- ALEOCHAROPSIS* n. gen. Wickham. 10258.
- *caseyi*. Wickham. 10258.
- *secunda*. Wickham. 10258.
- ANISOTOMA sibylla*. Wickham. 10258.
- ANTHAXIA exhumata*. Wickham. 10258.
- ANTHEROPHAGUS megalops*. Wickham.
10256.
- ANTHOMYIA atavella*. Cockerell. 9848.
- APHODIUS granarioides*. Wickham. 10258.
- *præemptor*. Wickham. 10257.
- ATHETA ? florissantensis*. Wickham.
10257.
- ATTAGENUS aboriginalis*. Wickham. 10256.
- AULETES florissantensis*. Wickham. 10257.
- BALANINUS florissantensis*. Wickham.
10257.
- BARIS cremastorhynchoides*. Wickham.
10257.
- *florissantensis*. Wickham. 10257.
- BEMBIDIUM florissantensis*. Wickham.
10257.
- BLAPSTINUS linelli*. Wickham. 10258.
- BRACHYTARSUS dubius*. Wickham. 10257.
- BRUCHUS dormescens*. Wickham. 10258.
- *succinctus*. Wickham. 10257.
- *wilsoni*. Wickham. 10257.
- CALLIDIOPSITES* n. gen. Wickham. 10256.
- *grandiceps*. Wickham. 10256.
- CAPNOCHROA senilis*. Wickham. 10256.
- CICONES oblongopunctata*. Wickham.
10257.
- CISTELA antiqua*. Wickham. 10256.
- COCCINELLA sodoma*. Wickham. 10256.
- COLASTUS pygidialis*. Wickham. 10257.
- CORTICARIA petrefacta*. Wickham. 10257.
- CRENIPHILITES* n. gen. Wickham. 10257.
- *orphens*. Wickham. 10257.
- CRYPTOCEPHALUS miocœnus*. Wickham.
10257.

- CRYPTOPHAGUS *bassleri*. Wickham. 10258.
 CYCHRAMITES n. gen. Wickham. 10257.
 — *hirtus*. Wickham. 10257.
 DINODERUS *cunicollis*. Wickham. 10257.
 DIPLOTAXIS *aurora*. Wickham. 10258.
 ECTOPRIA *laticollis*. Wickham. 10257.
 EOBRUNERIA n. gen. Cockerell. 9852.
 — *tessellata*. Cockerell. 9852.
 HOMALIUM *antiquorum*. Wickham. 10257.
 HYDNOBIUS *tibialis*. Wickham. 10257.
 HYDROCERA *wolcottii*. Wickham. 10257.
 HYDROBIUS *titan*. Wickham. 10257.
 HYLASTES *americanus*. Wickham. 10257.
 HYLURGOPS *piger*. Wickham. 10257.
 JANUS *disperditus*. Cockerell. 9852.
 LATHROBIUM *antediluvianum*. Wickham.
 10257.
 LEPTURA *antecurrens*. Wickham. 10258.
 — *leidyi*. Wickham. 10256.
 — *pouderosissima*. Wickham. 10258.
 LIBELLULAPIS *wilmottae*. Cockerell. 9852.
 LITHOCORYNE *arcuata*. Wickham. 10258.
 LUCANUS *fossilis*. Wickham. 10258.
 MIOLITHOCHARIS n. gen. Wickham.
 10258.
 — *lithographica*. Wickham. 10258.
 MIOSTENOSIS n. gen. Wickham. 10258.
 — *lacordairei*. Wickham. 10258.
 MORDELLISTENA *smithiana*. Wickham.
 10257.
 MYCETOPHAGUS *exterminatus*. Wickham.
 10257.
 — *willistoni*. Wickham. 10257.
 OPLONAESCHNA *lapidaria*. Cockerell &
 Counts. Cockerell. 9853.
 OXYTELUS *subapterus*. Wickham. 10257.
 PAEDERUS *adumbratus*. Wickham. 10257.
 PAROTERMES *scudderi*. Cockerell. 9848.
 PHRYGANEA *miocenica*. Cockerell. 9849A.
 PLATYDEMA *bethunei*. Wickham. 10258.
 PLATYNUS *florissantensis*. Wickham.
 10257.
 PROTONCIDERES n. gen. Wickham.
 10257.
 — *primus*. Wickham. 10257.
 PYTHOCEROPSIS n. gen. Wickham.
 10257.
 — *singularis*. Wickham. 10257.
 STAPHYLINUS *vulcan*. Wickham. 10258.
 SYSTEMA *florissantensis*. Wickham. 10258.
 TACHYS *haywardi*. Wickham. 10257.
 TELEPHORUS *humatus*. Wickham. 10256.
 TENEBROIDES *corrugata*. Wickham.
 10258.
 TRYPANORHYNCHUS *exilis*. Wickham.
 10257.
 — *minutissimus*. Wickham. 10257.
 — *obliquus*. Wickham. 10257.
 TRYPHERUS *aboriginalis*. Wickham. 10256.
 VRILLETTA *tenistriata*. Wickham. 10257.
 XESTOBIUM (?) *alutaceum*. Wickham.
 10256.
 XYLEBORITES n. gen. Wickham. 10257.
 — *longipennis*. Wickham. 10257.
2631 CRUSTACEA.
 APARCHITES *gordoni*. Ulrich & Bassler.
 10238.
 BAIRDIA *anatolica*. Méhes. 10062.
 BOLLIA *americana*. Ulrich & Bassler.
 10238.
 — *curta*. Ulrich & Bassler. 10238.
 — *irregularis*. Ulrich & Bassler. 10238.
 — *jugalis*. Ulrich & Bassler. 10238.
 BRADOLIA *douvillei*. Mansuy. 10049.
 BYTHOCYPRIS *punctulata arctatum* n. var.
 Ulrich & Bassler. 10238.
 CERATIOCARIS *pievloti*. Mansuy. 10050.
 CRATERELLINA n. gen. Ulrich & Bassler.
 — *oblonga*. Ulrich & Bassler. 10238.
 — *robusta*. Ulrich & Bassler. 10238.
 CTENOBOLBINA (?) *denticula*. Ulrich &
 Bassler. 10238.
 — *ania*. Ulrich & Bassler. 10238.
 CYTHERELLA *Beyrichi* (Reuss) var.
elliptica n. var. Méhes.
 — *karadarjensis*. Méhes. 10062.
 CYTHERIDEA *asiatica*. Méhes. 10062.
 — *turkistanensis*. Méhes. 10062.
 HALLIELLA (?) *seniculum longa* n. var.
 Ulrich & Bassler. 10238.
 — *triplicata*. Ulrich & Bassler. 10238.
 LEPERDITIA *illinoisensis*. Savage. 10157.

- LEPIDOCOLEUS *illinoisensis*. Savage. 10156.
 MESOMPHALUS n. gen. Ulrich & Bassler. 10238.
 — *hartleyi*. Ulrich & Bassler. 10238.
 — *submarginata*. Ulrich & Bassler. 10238.
 OCTONARIA (?) *angulata*. Ulrich & Bassler. 10238.
 — *inaequalis*. Ulrich & Bassler. 10238.
 PACHYDOMELLA *longula*. Ulrich & Bassler. 10238.
 PHLYCTENODES *Dalpiazi*. Fabiani. 9899.
 PONTOCYPRIS *arcuata*. Ulrich & Bassler. 10238.
 PRIMITIA *concentrica*. Ulrich & Bassler. 10238.
 — *cumberlandica*. Ulrich & Bassler. 10238.
 — *postturgida*. Ulrich & Bassler. 10238.
 PRIMITIELLA *variolata*. Ulrich & Bassler. 10238.
 SCILLAELEPAS *cazioti*. Joleaud et Joleaud. 9955.
 SINOCARIS n. gen. Mansuy. 10050.
 — *asiatica*. Mansuy. 10050.
 — *barbagesi*. Mansuy. 10050.
 ULRICHIA *aequalis*. Ulrich & Bassler. 10238.
- 2831** XIPHOSURA, EURYPTERIDA,
 TRILOBITA.
- ACASTE *lombardi*. Kozłowski. 10021.
 AGNOSTUS n. sp. near *pisiformis*. Chapman. 9833.
 AMIELLA *prisca*. Mansuy. 10049.
 AMPHILICHAS *clermontensis*. Slocum. 10191.
 — *rhinoceeros*. Slocum. 10191.
 BUMASTUS *beckeri*. Slocum. 10191.
 CALLAVIA *eucharis*. Walcott. 10249.
 — *perfecta*. Walcott. 10249.
 CALYMENE *dubia*. Savage. 10157.
 — *fayettensis*. Slocum. 10191.
 — *gracilis*. Slocum. 10191.
 CERAURINUS n. gen. Barton. 9778.
 — *confluens*. Barton. 9778.
 — *marginatus*. Barton. 9778.
 — *trentonensis*. Barton. 9778.
- CERAURUS *bispinosus*. Raymond & Barton. 10146.
 — *dentatus*. Raymond & Barton. 10146.
 — *elginensis*. Slocum. 10191.
 — *granulosus*. Raymond & Barton. 10146.
 CYATHASPIS *australis* Ohern. Ohern & Maynard. 10104.
 CYBELOIDES n. gen. Slocum. 10191.
 — *iowensis*. Slocum. 10191.
 CYRTOSYMBOLA n. gen. Richter. 10150.
 — *bergica*. Richter. 10150.
 — *calymene*. Richter. 10150.
 — *nana*. Richter. 10150.
 — *wildungensis*. Richter. 10150.
 DALMANITES *berkeleyensis* Swartz. Ohern & Maynard. 10104.
 — *keyserensis* Swartz. Ohern & Maynard. 10104.
 — *latus* Ohern. Ohern & Maynard. 10104.
 — *marylandicus* Prosser. Prosser & Kindle. 10143.
 — *multiamulatus* Ohern. Ohern & Maynard. 10104.
 — *palaceus*. Savage. 10156.
 DREVERMANNIA n. gen. Richter. 10150.
 — *adorfensis*. Richter. 10150.
 — *brevicae*. Richter. 10150.
 — *carnica*. Richter. 10150.
 — *formosa*. Richter. 10150.
 — *globigenata*. Richter. 10150.
 — *nodannulata*. Richter. 10150.
 — *Schmidti*. Richter. 10150.
 ENCRINURUS *peruodorus*. Slocum. 10191.
 EUPRAETUS n. subgen. *bivallatus*. Richter. 10150.
 — *glacensis*. Richter. 10150.
 GRYPHAEUS *dercimsi*. Groth. 9951.
 HOLMIA ? *macer*. Walcott. 10249.
 HOMALONOTUS *swartzii* Ohern. Ohern & Maynard. 10104.
 MEGALASPIS *beckeri*. Slocum. 10191.
 OLENELLUS *truemani*. Walcott. 10249.
 PALAEOLENUS n. gen. *huttoni*. Mansuy. 10049.

- PROETUS *anglicus*, Richter, 10150.
 — *obersdorffensis*, Richter, 10150.
 — *erycraspedon*, Richter, 10150.
 — *Gortanii*, Richter, 10150.
 — *Gümbeli*, Richter, 10150.
 — *palensis*, Richter, 10150.
 — *princeps*, Savage, 10157.
 — *subcarinthiacus*, Richter, 10150.
 PSEUDOPHILLIPSIA *acuminata*, Mansuy, 10050.
 PTEROPARIA n. gen. *columbella*, Richter, 10150.
 PTERYGOMETOPUS *fredricki*, Slocum, 10191.
 — *larrabeei*, Slocum, 10191.
 PTYCHOPARIA *yunnanensis*, Mansuy, 10049.
 REDLICHIA *carinata*, Mansuy, 10049.
 — *walcotti*, Mansuy, 10049.
 SPHAEROCORYPHE *maquoketensis*, Slocum, 10191.
 TALAEOLENUS n. gen. Mansuy, 10049.
 — *deprati*, Mansuy, 10049.
 — *douvillei*, Mansuy, 10049.
 TYPHLOPROETUS n. gen. *microdiscus*, Richter, 10150.
 WANNERIA *occidens*, Walcott, 10249.
- 3031** ARACHNIDA.
- ANTHRACOMARTUS *triangularis*, Petrunkevitch, 10129.
 ARCHITARBUS *minor*, Petrunkevitch, 10129.
 AREOMARTUS n. gen. Petrunkevitch, 10129.
 — *oratus*, Petrunkevitch, 10129.
 ARTHROLYCOSA *danielsi*, Petrunkevitch, 10129.
 DISCOTARBUS n. gen. Petrunkevitch, 10129.
 — *deplanatus*, Petrunkevitch, 10129.
 EOCTONUS n. gen. Petrunkevitch, 10129.
 — *miniatus*, Petrunkevitch, 10129.
 EOSCORPIUS *danielsi*, Petrunkevitch, 10129.
 — *granulosus*, Petrunkevitch, 10129.
 — *typicus*, Petrunkevitch, 10129.
- GERALINURA *gigantea*, Petrunkevitch, 10129.
 — *similis*, Petrunkevitch, 10129.
 GERATARBUS *minutus*, Petrunkevitch, 10129.
 HETEROTARBIDAE n. fam. Petrunkevitch, 10129.
 HETEROTARBUS n. gen. Petrunkevitch, 10129.
 — *oratus*, Petrunkevitch, 10129.
 HOLOTERGIDAE n. fam. Petrunkevitch, 10129.
 KUSTARACHNE *conica*, Petrunkevitch, 10129.
 METATARBUS n. gen. Petrunkevitch, 10129.
 — *triangularis*, Petrunkevitch, 10129.
 PALAEOBUTHUS n. gen. Petrunkevitch, 10129.
 — *distinctus*, Petrunkevitch, 10129.
 PALAEOPISTHACANTHUS n. gen. Petrunkevitch, 10129.
 — *mazonensis*, Petrunkevitch, 10129.
 — *schucherti*, Petrunkevitch, 10129.
 POLYCHERA *glabra*, Petrunkevitch, 10129.
 PROTOPHRYNUS n. gen. Petrunkevitch, 10129.
 — *carbonarius*, Petrunkevitch, 10129.
 PROTOPILIO n. gen. Petrunkevitch, 10129.
 — *depressus*, Petrunkevitch, 10129.
 — *longipes*, Petrunkevitch, 10129.
 PROTOSOLFUGA n. gen. Petrunkevitch, 10129.
 — *carbonaria*, Petrunkevitch, 10129.
 THELYPHRYNUS n. gen. Petrunkevitch, 10129.
 — *elongatus*, Petrunkevitch, 10129.
 TRIGONOMARTUS n. gen. Petrunkevitch, 10129.
 TRIGONOSCORPIO n. gen. Petrunkevitch, 10129.
 — *americanus*, Petrunkevitch, 10129.
 TRIGONOTARBUS *carbonarius*, Petrunkevitch, 10129.
 — *schucherti*, Petrunkevitch, 10129.
- 5431** PISCES.
- ANOMOEODUS *latidens*, Gidley, 9930.
 — *mississippiensis*, Gidley, 9930.

- APATEACANTHUS *peculiaris*. Hussakof. 9983.
 BRACHYLEBIAS n. gen. Priem. 10136.
 — *persicus*. Priem. 10136.
 CARCHARIAS *morricci*. Jordan & Beal. 9998.
 CARCHAROIDES *trunideus*. Chapman. 9837.
 — *totuservatus*. Chapman. 9837.
 COELODUS *decatorensis*. Gidley. 9930.
 — *fabadens*. Gidley. 9930.
 COPEICHTHYS *morgani*. Priem. 10136.
 COTTOPSIS n. gen. Perse. Priem. 10136.
 — *gaudryi*. Priem. 10136.
 DINOMYLOSTOMA *eastmani*. Hussakof. 9983.
 ELLIMMA n. nom. *Ellipes*. Jordan. 9997.
 GALEORHINUS *hamibali*. Jordan & Beal. 9998.
 GLYPTASPIS *eastmani*. Swartz. 10226.
 GOBIOPSIS n. gen. Priem. 10136.
 — *boulei*. Priem. 10136.
 HALEC *Bassanii*. Erasmo (D'). 9893.
 MICRODON *texanus*. Gidley. 9930.
 MYLIOBATIS *merriami*. Jordan & Beal. 9998.
 NEMICHTHYS *mecqueneni*. Priem. 10136.
 PALAEOBALISTUM *Bassanii*. Erasmo (D'). 9894.
 PROBLENNIUS n. gen. Priem. 10136.
 — *filamentosus*. Priem. 10136.
 RHINOPTERA *smithii*. Jordan & Beal. 9998.
 SQUATINA *lerichei*. Jordan & Beal. 9998.
 STETHACANTHUS *exilis*. Hussakof. 9983.
 — *humilis*. Hussakof. 9983.
 THISSOPTEROIDES *minutus*. Priem. 10136.
 URENCHELYS *douvillei*. Priem. 10136.

5631 REPTILIA AND BATRACHIA.

- CEPHALERPETON n. gen. Moodie. 10088.
 — *ventriarmatum*. Moodie. 10088.
 CYCLOTOSAURUS *mordax*. Fraas.
 — *posthumus*. Fraas.
 ERIERPETON n. gen. Moodie. 10088.
 — *branchialis*. Moodie. 10088.

- ERPETOBRACHIUM n. gen. Moodie. 10088.
 — *mazonensis*. Moodie. 10088.
 GASTALIS *breviceps*. Pilgrim. 10131.
 — *curvirostris* var. *gajensis* n. var. Pilgrim. 10131.
 ICTIDORHINUS n. gen. Broom. 9819.
 — *martinsi*. Broom. 9819.
 LIODON (?) *rhiparus*. Bogoliubov. 9797.
 LYCOGNATHUS n. gen. Broom. 9819.
 — *ferox*. Broom. 9819.
 MAZONERPETON n. gen. Moodie. 10088.
 — *costatum*. Moodie. 10088.
 — *longicaudatum*. Moodie. 10088.
 METOPIAS *Stuttgartiensis*. Fraas.
 OGMODIRUS n. gen. Williston & Moodie. 10264.
 — *martini* n. sp. Williston & Moodie. 10264.
 PERMOMEGATHERIUM n. gen. Delage. 9866.
 — *zeilleri*. Delage. 9866.
 PLAGIOSTERNUM *pulcherrimum*. Fraas.
 RUTIODON *manhattancensis*. Huene. 9981.
 SAUROLOPHUS n. gen. Brown. 9822.
 — *osborni*. Brown. 9822.
 SCYMNIGNATHUS *angusticeps*. Broom. 9819.
 — *minor*. Broom. 9819.
 SPONDYLERPETON n. gen. Moodie. 10088.
 — *spinatum*. Moodie. 10088.
 THESCELOSaurus n. gen. Gilmore. 9932.
 — *neglectus*. Gilmore. 9932.
 TRIONYX *belluacensis* (Dal Piaz in Schedis. Misuri. 10079.
 — *Stadleri*. Teppner. 10227.

5831 AVES.

- COLYMBUS *parvus*. Shufeldt. 10182A.
 HEBE n. gen. Shufeldt. 10181.
 — *schucherti*. Shufeldt. 10182.
 OLOR *matthewi*. Shufeldt. 10182A.
 PODILYMBUS *magnus*. Shufeldt. 10182A.
 YALAVIS n. gen. Shufeldt. 10182.
 — *tenuipes*. Shufeldt. 10182.

6031 MAMMALIA.

- ACERATHERIUM *gajense*. Pilgrim. 10131.
 ADAPIS *Rüttimeyeri*. Stehlin. 10213.
 ANTONIUS n. gen. Hay. 9959.
 — *calvini*. Hay. 9959.
 ANTIDORCAS *gandeyi*. Mecquenem. 10061.
 BISON *regius*. Hay. 9962.
 CANIS *arabrosteri*. Gidley. 9929.
 CASTOROIDES *kansensis*. Martin. 10051.
 CERVALCES *roosevelti*. Hay. 9959.
 CERVUS *elaphus* Linn. n. var. *palmidactyloceruus*. Stefano (De). 10211.
 DESMANA *Nehringi*. Kormos. 10019.
 DINOTHERIUM *indianum* var. *gajensis* n. var. Pilgrim. 10131.
 DRYMOHIPPIUS n. subgen. (*Hypohippus*). Merriam. 10074.
 EQUUS *laurentius*. Hay. 9961.
 — *leidyi*. Hay. 9961.
 — *littoralis*. Hay. 9961.
 — *niobrarensis*. Hay. 9961.
 — *niobrarensis alaskae* n. subsp. Hay. 9960.
 GALEMYS *hungaricus*. Kormos. 10019.
 — *Scuseyi*. Kormos. 10019.
 GELOCUS *gajensis*. Pilgrim. 10131.
 HEMIMASTODON n. gen. Pilgrim. 10131.
 — *crepusculi*. Pilgrim. 10131.
 HIPPARION (?) *mohavense*. Merriam. 10075.
 HYPOHIPPIUS (*Drymohippus*) *nevadensis*. Merriam. 10074.
 LIBYPITHECUS n. gen. Stromer. 10218.
 — *Markgrafi*. Stromer. 10218.
 LUTRA *libyca*. Stromer. 10218.
 MARAGATHERIUM n. gen. Mecquenem. 10061.
 MEGALONYX *californicus*. Stock. 10215.
 MERYCODUS *coronatus*. Merriam. 10070.
 MOROPUS *hollandi*. Peterson. 10127.
 MYLONDON *garmani*. Allen. 9764.
 NOTHROTHERIUM *gracilipes*. Stock. 10215.
 PALAEORYCTES n. gen. Matthew. 10057.
 — *puercensis*. Matthew. 10057.
 PALAEOTAPIRUS *Meyeri*. Kafka. 9999.
 PARAHIPPUS (?) *mourningi*. Merriam. 10074.
 PRODREMOTHERIUM (?) *beatrice*. Pilgrim. 10131.
 PROTOHIPPIUS (?) *tautalus*. Merriam. 10075.
 RHINOCEROS *morgani*. Mecquenem. 10061.
 TAPIRUS *haysii californicus* n. subsp. Merriam. 10068.
 TAUROTRAGUS *americanus*. Gidley. 9927.
 URSUS *etruscus*. Newton. 10098.
 — *vitabilis*. Gidley. 9929.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL POSI-
TION.38.6700 *PTERIDOPHYTA*.*f* AFRICA.*fg* South Africa.

Arbor. 9772. Notes on the fossil plants from Rhodesia collected by A. J. C. Molyneux, Esq.

h SOUTH AMERICA.*hh* Brazil.

Solms-Laubach. 10198. *Tietea singularis*. Ein neuer fossiler Pteridinenstamm aus Brasilien.

39 GENERAL.

39.5000 *PALAEOBOTANICA*
GENERALIS.

Fossilium Catalogus, II: Plantae, ed. a W. Jongmans. Pars 1: W. Jongmans, Lycopodiales I. Berlin (W. Junk) 1913 (52). 26 cm. 5 M.

Breitenbach. 9811. Die Stammesgeschichte der höheren Pflanzen.

De Vis. 9877. Fossils from Gulf Watershed.

i AUSTRALIA.*id* Queensland.

Etheridge. 9895. Additional notes on the palaeontology of Queensland.

Shirley. 10180. Fossil plants, Duaringa, Ipswich, Dawson River, and Stanwell; also fossil woods, Boggo Road, Brisbane.

o ANTARCTIC.

Berry. 9787. Some paleontological results of the Swedish South Polar expedition under Nordenskiöld.

39.5400 *GENERAL*.

Berry. 9783. Some ancestors of the persimmon. [*Diospyros* spp.] 9785: Notes on the geological history of the walnuts and hickories.

50 LOWER PALAEOZOIC.

50.6700 *PTERIDOPHYTA*.

Bertrand. 9789. Nouvelles remarques sur la fronde des Zygoptéridées.

55 UPPER PALAEOZOIC.

55.5000 *PALAEOBOTANICA*
GENERALIS.*d* EUROPE.*ddb* Southern Russia.

Zalésskij. 10268. The discovery of the calcareous concretions known as coal balls in one of the coal seams of the Carboniferous strata of the Donez basin. (Russ.)

dh Italy.

Gortani. 9941. Rinvenimento di filliti neocarbonifere al Piano di Lauza (Alpi Carniche).

55.6500 *GYMNOSPERMEAE*.*e* ASIA.*ea* Asiatic Russia.

Zalésskij. 10269. Sur le *Cordaites aequalis* Göppert sp. de Sibérie et sur son identité avec le *Noeggerathiopsis Hislopi* Bunbury sp. de la flore du Gondwana.

55.6600 *CYCADOFILICES*.*d* EUROPE.*dc* German Empire.

Gothan. 9943. Die Oberschlesische Steinkohlenflora. Tl 1. Farne und farnähnliche Gewächse (Cycadofilices bezw. Pteridospermen).

dd **Holland.**
Kidston et Jongmans. 10004. Fructification de *Neuropteris obliqua* Bgt.

h **SOUTH AMERICA.**

hh **Brazil.**

White. 10255. A new fossil plant from the state of Bahia, Brazil.

55.6700 PTERIDOPHYTA.

Bertrand. 9789. Nouvelles remarques sur la fronde des Zygoptéridées.

Huth. 9985. Carbondattung *Marinopteris* und ihre Arten.

Lignier. 10039. Interprétation de la souche des *Stigmaria*.

Pelourde. 10124. *Psaronius brasiliensis*. 10125: Trace foliaire des Psaroniées.

Zalësskij. 10270. Anatomie du *Lepidodendron dichotomum*, Sternberg.

d **EUROPE.**

dc **German Empire.**

Gothan. 9942. Einige bemerkenswerte neuere Funde von Steinkohlenpflanzen in der Dortmunder Gegend. 9943: Die Oberschlesische Steinkohlenflora. Tl 1. Farne und farnähnliche Gewächse (Cycadofilices bezw. Pteridospermen).

dh **Italy.**

Gortani. 9941. Rinvenimento di filliti neocarbonifere al Piano di Lauza (Alpi Carniche).

g **NORTH AMERICA.**

gi **Western United States.**

Tilton. 10228. The first reported petrified American *Lepidostrobus* is from Warren County, Iowa.

60 MESOZOIC (GENERAL).

60.5000 PALAEOBOTANICA GENERALIS.

Berry. 9786. Contributions to the Mesozoic flora of the Atlantic coastal plain.

60.6500 GYMNOSPERMEAE.

Jeffrey. 9994. The history, comparative anatomy, and evolution of the *Araucarioxylon* type.

65 TRIASSIC.

65.5000 PALAEOBOTANICA GENERALIS.

Stark. 10201. Pflanzenfunde im Buntsandstein bei Durlach.

65.6500 GYMNOSPERMEAE.

Nathorst. 10094. *Weltruchia* Fr. Braun.

70 JURASSIC.

70.5000 PALAEOBOTANICA GENERALIS.

Wieland. 10260. The Liassic flora of the Mixteca Alta of Mexico—its composition, age and source.

70.6500 GYMNOSPERMEAE.

e **ASIA.**

eab **East Siberia.**

Novopokrovskij. 10099. Jura-Flora des Tyrma-Tal (Amurgebiet).

70.6700 PTERIDOPHYTA.

Novopokrovskij. 10099. Jura-Flora des Tyrma-Tal (Amurgebiet).

75 CRETACEOUS.

75.5000 PALAEOBOTANICA GENERALIS.

g **NORTH AMERICA.**

ga **Alaska.**

Hollick. 9979. Preliminary correlation of the Cretaceous and Tertiary floras of Alaska.

gg **North-Eastern United States.**

Hollick. 9977. The fossil flora of New York and vicinity.

75.5400 DICOTYLEDONES.

g **NORTH AMERICA.**

gl **Mexico.**

Hollick. 9978. Additions to the paleobotany of the Cretaceous formation on Long Island. No. 3.

75.6500 GYMNOSPERMEAE.

g **NORTH AMERICA.**

gl **Mexico.**

Hollick. 9978. Additions to the paleobotany of the Cretaceous formation on Long Island. No. 3.

75.6700 PTERIDOPHYTA.

d. EUROPE.*df* France.

Lignier. 10038. Végétaux fossiles de Normandie: *Equisetum Hommeyi*, prêle bathonienne en place.

g NORTH AMERICA.*gi* Western United States.

Knowlton. 10015. Description of a new fossil fern of the genus *Gleichenia* from the Upper Cretaceous of Wyoming.

80 CAENOZOIC (TERTIARY) GENERAL.

80.5400 DICOTYLEDONES.

g NORTH AMERICA.*gi* Western United States.

Knowlton. 10013. Flora of the auriferous gravels of California. In: Lindgren, W. The Tertiary gravels of the Sierra Nevada of California.

Lindgren. 10043. The Tertiary gravels of the Sierra Nevada of California.

80.6000 MONOCOTYLEDONES.

d EUROPE.*de* German Empire.

Werth. 10254. *Dalichium vespiforme* aus der Provinz Brandenburg.

80.7400 ALGAE ET SCHIZOPHYCEAE.

d EUROPE.*df* France.

Zeiller. 10271. L'attribution du prix de Coigny en 1912.

dk Austria-Hungary.

Hofmann. 9975. Die Bacillarien der Kieselgur und der Abwässer der Kaiserquelle in der Soos.

80.7700 FUNGI, BACTERIA, ET MYCETOZOA.

Chapman. 9835. Fossil fungi obtained by deep boring in the Mallee, Victoria.

(κ-9180)

85 LOWER CAENOZOIC.

85.5000 PALAEOBOTANICA GENERALIS.

d EUROPE.*df* France.

Fritel. 9916. Vue d'ensemble sur la flore thanétienne.

g NORTH AMERICA.*ga* Alaska.

Hollick. 9979. Preliminary correlation of the Cretaceous and Tertiary floras of Alaska.

85 5400 DICOTYLEDONES.

g NORTH AMERICA.*gh* South-Eastern United States.

Berry. 9788. A fossil flower from the Eocene.

90 UPPER CAENOZOIC.

90.5000 PALAEOBOTANICA GENERALIS.

Merriam. 10072. Vertebrate fauna of the Orindan and Siestan beds in middle California.

90.5400 DICOTYLEDONES.

g NORTH AMERICA.*gi* Western United States.

Cockerell. 9850. Fossil flowers and fruits.

90.6000 MONOCOTYLEDONES.

g NORTH AMERICA.*gi* Western United States.

Cockerell. 9850. Fossil flowers and fruits.

90.7400 ALGAE ET SCHIZOPHYCEAE.

d EUROPE.*dk* Austria-Hungary.

Pantocsek. 10115. Die im Andesittuffe von Kopacs vorkommenden Bacillarien.

95 PLEISTOCENE AND
RECENT.

95.5000 PALAEOBOTANICA
GENERALIS.

III. Lappmarkens härad. [III. Lapp-
land.] Helsingfors F. Mosskult. Tidskr.
15 1912 (143-234 mit 18 Fig. und Karte).

Redogörelse för Finska Mosskultur-
föreningens torfmarksundersökningar. II.
Lojo härad. [Bericht über die Moorunter-
suchungen des Finländischen Moorkultur-
vereins. II. Distrikt Lojo.] Helsingfors
F. Mosskult. Tidskr. 14 1911 (173-317).

d EUROPE.

dba Northern Russia.

Lindberg. 10040. [Phytopaläonto-
logische Untersuchungen in Lojo, Süd-
Finnland.] (Schwedisch.) 10041: [Phyto-
paläontologische Untersuchungen in Lapp-
land.] (Schwedisch.)

dc German Empire.

Wangerin. 10250. Die Flora der
Eiszeit in Deutschland und ihre Beziehun-
gen zur Flora der Gegenwart.

95.6500 GYMNOSPERMEAE.

d EUROPE.

Depape. 9867. Sur la présence du
Ginkgo biloba L. (*Salisburya adiantifolia*
Sm.), dans le pliocène inférieur de Saint-
Marcel d'Ardèche.

95.7400 ALGAE ET SCHIZO-
PHYCEAE.

Jakovlev. 9992. *Laminarites anti-
quissimus* Eichwald.

dk Austria-Hungary.

Hofmann. 9975: Die Bacillarien der
Kieselgur und der Abwässer der Kaiser-
quelle in der Soos.

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5000 PALAEOBOTANICA
GENERALIS.

Knowlton. 10014. Modern aspects of paleobotany. 1. The relations of paleobotany to geology.

5000.39 GENERAL.

Berry. 9787. Some palaeontological results of the Swedish South Polar expedition under Nordenskiöld.

Breitenbach. 9811. Die Stammesgeschichte der höheren Pflanzen.

De Vis. 9877. Fossils from Gulf Watershed.

Etheridge. 9895. Additional notes on the palaeontology of Queensland.

Shirley. 10180. Fossil plants, Duaringa, Ipswich, Dawson River, and Stanwell; also fossil woods, Boggo Road, Brisbane.

5000.55 UPPER PALAEOZOIC.

Gortani. 9941. Rinvenimento di filliti neocarbonifere al Piano di Lanza (Alpi Carniche).

Zalésskij. 10268. The discovery of the calcareous concretions known as coal balls in one of the coal seams of the Carboniferous strata of the Donez basin. (Russ.)

5000.60 MESOZOIC (GENERAL).

Berry. 9786. Contributions to the Mesozoic flora of the Atlantic coastal plain.

5000.65 TRIASSIC.

Stark. 10201. Pflanzenfunde im Buntsandstein bei Durlach.

5000 70 JURASSIC.

Wieland. 10260. The Liassic flora of the Mixteca Alta of Mexico, its composition, age, and source.

(κ-9180)

5000.75 CRETACEOUS.

Hollick. 9977. The fossil flora of New York and vicinity. 9979: Preliminary correlation of the Cretaceous and Tertiary floras of Alaska.

5000.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Fritel. 9916. Vue d'ensemble sur la flore thanétienne.

Hollick. 9979. Preliminary correlation of the Cretaceous and Tertiary floras of Alaska.

5000.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Merriam. 10072. Vertebrate fauna of the Orindan and Siestan beds in middle California.

5000.95 PLEISTOCENE AND
RECENT.

Lindberg. 10040. Phytopaläontologische Untersuchungen in Lojo, Süd-Finnland. (Schwedisch.) 10041: Phytopaläontologische Untersuchungen in Lappland. (Schwedisch.)

Wangerin. 10250. Die Flora der Eiszeit in Deutschland und ihre Beziehungen zur Flora der Gegenwart.

5400 DICOTYLEDONES.

5400 39 GENERAL.

Berry. 9785. Notes on the geological history of the walnuts and hickories.

Diospyros spp. **Berry.** 9783.

5400 75 CRETACEOUS.

Cassia. Cretaceous, Long Island. **Hollick.** 9978.

Embothriopsis n. gen. Cretaceous, Long Island. **Hollick.** 9978.

Eucalyptus. Cretaceous, Long Island.
Hollick. 9978.

Ficus. Cretaceous, Long Island.
Hollick. 9978.

Laurophyllum. Cretaceous, Long Island.
Hollick. 9978.

Ligustrum. Cretaceous, Long Island.
Hollick. 9978.

Myrtophyllum. Cretaceous, Long Island.
Hollick. 9978.

5400.80 CAENOZOIC (TERTIARY)
GENERAL.

Knowlton. 10013. Flora of the auriferous gravels of California.

Lindgren. 10043. The Tertiary gravels of the Sierra Nevada of California.

5400.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Combretanthites n. gen. et sp. Berry. 9788.

5400.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE)

Sambucus Ellisiae n. sp. Colorado, Miocene. Cockerell. 9850.

6000 MONOCOTYLEDONES.

6000.80 CAENOZOIC (TERTIARY).

Dulichium respiforme. Brandenburg. Werth. 10254.

6000.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Phalaris (?) geometrorum, n. sp. Colorado, Miocene. Cockerell. 9850.

6500 GYMNOSPERMEAE.

6500.55 UPPER PALAEOZOIC.

Cordaites. Sibéria. Zalésskij. 10269.

6500.60 MESOZOIC (GENERAL).

Jeffrey. 9994. The history, comparative anatomy, and evolution of the *Araucarioxylon* type.

6500.65 TRIASSIC.

Weltrichia. Nathorst. 10094.

6500.70 JURASSIC.

Dinomites Polywori n. sp. Siberia. Novopokrovskij. 10099.

Pseudotsenis amurensis n. sp. Siberia. Novopokrovskij. 10099.

6500 95 PLEISTOCENE AND RECENT.

Ginkgo. Pliocène inférieur, Saint-Marcel d'Ardeche. Depape. 9867.

6600 CYCADOPILICES.

6600.55 UPPER PALAEOZOIC.

GENERAL.

Gothan. 9943. Die Oberschlesische Steinkohlenflora. Th. 1. Farne und farnähnliche Gewächse (Cycadofilices bzw. Pteridospermen).

SPECIAL.

Alchopteris Beauveri n. sp. White. 10255.

Neuropteris. Kidston et Jongmans. 10004.

6700 PTERIDOPHYTA.

6700.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

GENERAL.

Arber. 9772. Notes on the fossil plants from Rhodesia collected by A. J. C. Molyneux, Esq.

SPECIAL.

Tiecta. Brasilien. Solms-Laubach. 10198.

6700.55 UPPER PALAEOZOIC.

GENERAL.

Gortani. Rinvenimento di filliti neocarbonifere al Piano di Lanza (Alpi Carniche).

Gothan. 9942. Einige bemerkenswerte neuere Funde von Steinkohlenpflanzen in der Dortmunder Gegend.

Pelourde. 10125. Trace foliaire des Psaroniées.

SPECIAL.

Alloiopteris nn. spp. Carbon, Schlesien. Gothan. 9943.

Aphlebia nn. spp. Carbon, Schlesien. Gothan. 9943.

Cyclopteris longa n. sp. Carbon, Schlesien. Gothan. 9943.

Diplomema palmatopteroides n. sp. Carbon, Schlesien. Gothan. 9943.

Etapteris shorensis n. sp. Bertrand. 9789.

Lepidodendron dichotomum. Carboniferous. Zalésskij. 10270.

Lepidostrobus. Tilton. 10228.

Margaritopteris nn. gen. et sp. Carbon, Schlesien. **Gothan.** 9943.

Mariopteris. Carbon. **Huth.** 9985.

Neuropteris Nicolansiana n. sp. Carbon, Schlesien. **Gothan.** 9943.

Palmatopteris nn. spp. Carbon, Schlesien. **Gothan.** 9943.

Pecopteris abnormis n. sp. Carbon, Schlesien. **Gothan.** 9943.

Psaronius. **Pelourde.** 10124.

Rhodea tenuis n. sp. Carbon, Schlesien. **Gothan.** 9943.

Sphenopteridium Gaebleri Pot. n. sp. Carbon, Schlesien. **Gothan.** 9943.

Sphenopteris nn. spp. Carbon, Schlesien. **Gothan.** 9943.

— *Frankiana* n. sp. Carbon, Deutschl. **Gothan.** 9942.

Stigmaria. **Lignier.** 10039.

Tetrameridium n. gen. et sp. Carbon, Schlesien. **Gothan.** 9943.

6700.70 JURASSIC.

Taeniopteris amurensis n. sp. Siberia. **Novopokrovskij.** 10099.

6700.75 CRETACEOUS.

Lignier. 10038. Végétaux fossiles de Normandie: *Equisetum Hommeyi*, prêle bathonienne en place.

Gleichenia [Gleicheniaceae] *pulchella* n. sp. Wyoming, Cretaceous. **Knowlton.** 10015.

7400 ALGAE ET SCHIZOPHYCEAE.

7400.65 ALGAE ET SCHIZOPHYCEAE.

Diplopora-Porosa Schafh. **Tommasi.** 10230.

7400 80 CAENOZOIC (TERTIARY) GENERAL.

Hofmann. 9975. Die Bacillarien der Kieselgur und der Abwässer der Kaiserquelle in der Soos.

Zeiller. 10271. L'attribution du prix de Coincy en 1912.

7400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amphora jamaliensis Grun., var. *fossilis* n. var. Ungarn. **Pantocsek.** 10115.

Carnegie mirabilis Pant. Ungarn. **Pantocsek.** 10115.

Cocconeis Boryana Pant. Ungarn. **Pantocsek.** 10115.

Cymbella nn. spp. et var. Ungarn. **Pantocsek.** 10115.

Denticula. **Pantocsek.** 10115.

Disiphonia. Ungarn. **Pantocsek.** 10115.

Echinopyxis n. gen. et spp. Ungarn. **Pantocsek.** 10115.

Epithemia. Ungarn. **Pantocsek.** 10115.

Eunotia. Ungarn. **Pantocsek.** 10115.

Fragilaria nn. spp. et var. Ungarn. **Pantocsek.** 10115.

Gomphonema Pant. Ungarn. **Pantocsek.** 10115.

Melosira nn. spp. et var. *neogena*. Ungarn. **Pantocsek.** 10115.

Microneis. Ungarn. **Pantocsek.** 10115.

Navicula spp. et n. spp. Ungarn. **Pantocsek.** 10115.

Nitzschia. Ungarn. **Pantocsek.** 10115.

Rhopalodia spp. Ungarn. **Pantocsek.** 10115.

Stauroneis salina var. *fossilis* n. var. Ungarn. **Pantocsek.** 10115.

Stephanodiscus. Ungarn. **Pantocsek.** 10115.

Suriella. Ungarn. **Pantocsek.** 10115.

Synedra. Ungarn. **Pantocsek.** 10115.

7400.95 PLEISTOCENE AND RECENT.

GENERAL.

Hofmann. 9975. Die Bacillarien der Kieselgur und der Abwässer der Kaiserquelle in der Soos.

SPECIAL.

Laminarites antiquissimus. **Jakovlev.** 9992.

7700 FUNGI.

7700.80 CAENOZOIC (TERTIARY).

Chapman. 9835. Fossil fungi obtained by deep boring in the Mallee, Victoria.

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONES.

- CASSIA *insularis*. Hollick. 9978.
 COMBRETANTHITES n.gen. [Combretaceae].
 Berry. 9788.
 — *ecoenica*. Berry. 9788.
 EMBOTHRIOPSIS n. gen. Hollick. 9978.
 — *presagita*. Hollick. 9978.
 EUCALYPTUS *Geinitzi propinqua* n. var.
 Hollick. 9978.
 FICUS *Krausiana subsimilis* n. var.
 Hollick. 9978.
 LAUROPHYLLUM *ocoteaeoides*. Hollick.
 9978.
 LIGUSTRUM *subtile*. Hollick. 9978.
 MYRTOPHYLLUM *sapindoides*. Hollick.
 9978.
 SAMBUCUS *Ellisiae*. Cockerell. 9850.

6000 MONOCOTYLEDONES.

- PHALARIS (?) *geometrorum*. Cockerell.
 9850.

6500 GYMNOSPERMEAE.

- DIOONITES *Polynovi*. Novopokrovskij.
 10099.
 PSEUDOCENES *amurensis*. Novopokrovskij.
 10099.

6600 CYCADOPILICES (PTERIDOSPERMÆE).

- ALETHOPTERIS *Branneri*. White. 10255.

6700 PTERIDOPHYTA.

- ALLOIOPTERIS *Junghanni*. Gothan. 9943.
 — *magnifica*. Gothan. 9943.
 — *pecopteroides*. Gothan. 9943.
 — *secreta*. Gothan. 9943.
 APHLEBIA *Boeriana*. Gothan. 9943.
 — *ostraviensis*. Gothan. 9943.

- CYCLOPTERIS *longa*. Gothan. 9943.
 DIPLOTEMMA *palmatopteroides*. Gothan.
 9943.
 ETAPTERIS *shorensis*. Bertrand. 9789.
 GLEICHENIA *pulchella*. Knowlton. 10015.
 MARGARITOPTERIS n. gen. Gothan. 9943.
 — *pseudocoemansi*. Gothan. 9943.
 NEUROPTERIS *Nicolausiana*. Gothan. 9943.
 PALMATOPTERIS *czuchowiensis*. Gothan.
 9943.
 — *Potoniei*. Gothan. 9943.
 — *Sturi*. Gothan. 9943.
 PECOPTERIS *abnormis*. Gothan. 9943.
 RHODEA *tennis*. Gothan. 9943.
 SPHENOPTERIDIUM *Gaebleri*. Gothan.
 9943.
 SPHENOPTERIS *Beyschlagiana*. Gothan.
 9943.
 — *Frankiana*. Gothan. 9942.
 — *Hülscii*. Gothan. 9943.
 — *Kattowitzensis*. Gothan. 9943.
 — *Michaëliana*. Gothan. 9943.
 — *obtusiloba*. Gothan. 9943.
 — *omissa*. Gothan. 9943.
 — *papillosa*. Gothan. 9943.
 — *Paruschowitzensis*. Gothan. 9943.
 — *praecursor*. Gothan. 9948.
 — *profunda*. Gothan. 9943.
 — *rugosior*. Gothan. 9943.
 — *Schilleri*. Gothan. 9943.
 — *striata* n. nom. Gothan. 9943.
 — *striatissima*. Gothan. 9943.
 TAENIOPTERIS *amurensis*. Novopo-
 krovskij. 10099.
 TETRAMERIDIUM n. gen. Gothan. 9943.
 — *caducum*. Gothan. 9943.

7400 ALGAE ET SCHIZO-
PHYCEAE.

AMPHORA *jamaliensis* Grun. var. *fossilis*
n. var. Pantocsek. 10115.

CYMBELLA *Balthanyiana*. Pantocsek.
10115.

— *explanata*. Pantocsek. 10115.

ECHINOPYXIS n. gen. Pantocsek. 10115.

— *laevis*. Pantocsek. 10115.

— *tertiaria*. Pantocsek. 10115.

FRAGILARIA *islandica*. Pantocsek. 10115.

— *neogena*. Pantocsek. 10115.

— *pseudolanocolata*. Pantocsek. 10115.

MELOSIRA *arenaria* Moore var. *tertiaria*
n. var. Pantocsek. 10115.

— *Csákyana*. Pantocsek. 10115.

MELOSIRA *neogena*. Pantocsek. 10115.

NAVICULA *adversatrix*. Pantocsek. 10115.

— *aedifex*. Pantocsek. 10115.

— *arcana*. Pantocsek. 10115.

— *carpathorum* Pant. var. *bivittata* n.
var. Pantocsek. 10115.

— *decens*. Pantocsek. 10115.

— *espectilis*. Pantocsek. 10115.

— *omitta*. Pantocsek. 10115.

— *producta*. Pantocsek. 10115.

— *pseudobacillum* Grun. var. *fossilis* n.
var. Pantocsek. 10115.

— *rasa*. Pantocsek. 10115.

STAURONEIS *salina* var. *fossilis*. Pantocsek.
10115.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

*The numbers at end of Full Title are those used in the
General List of Journals.*

- Amer. J. Sci., New Haven, Conn.*—American Journal of Science, New Haven, Conn. 19 U.S.
- Amer. Nat., Boston, Mass.*—The American Naturalist, Boston, Mass. 21 U.S.
- Amsterdam, Proc. Sci. K. Akad. Wet.*—Proceedings of the Sections of Sciences, Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo. 3 Hol.
- Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.*—Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeling der Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo. 7 Hol.
- Anat. Anz., Jena.*—Anatomischer Anzeiger. Centralblatt für die gesammte wissenschaftliche Anatomie hrsg. v. v. Bardeleben. Jena. [zwangl.] Nebst Ergänzungsheften. 40 Ger.
- Ann. geol. Miner., Novo Alexandria.*—Ежегодникъ по геологiи и минералогiи Россiи. Ново Александриѣ [Annuaire géologique et minéralogique de la Russie. Novo Alexandria]. — Rus.
- Ann. paléont., Paris.*—Annales de Paléontologie publiées sous la direction de Marcellin Boule. Paris (Masson). 28 cm. — Fr.
- Ann. sci. nat. (Zool. Bot.), Paris.*—Annales des sciences naturelles, paraît en deux parties: 1^o 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^o Botanique, comprenant l'anatomie, la physiologie, la classification des végétaux. Dir. Van Tieghem. Paris. [12 numéros par an.] — Fr.
- Anz. els. Altertumsk., Strassburg.*—Anzeiger für elsässische Altertumskunde. Strassburg i.e. [$\frac{1}{4}$ jährl.] — Ger.
- Ark. Bot., Stockholm.*—Archiv för botanik utgiffvet af K. Svenska Vetenskapsakademien i Stockholm. — Swe.
- Auk, New York, N.Y.*—The Auk (American Ornithologists' Union), New York, N.Y. — U.S.
- Aus d. Heimath, Stuttgart.*—Aus der Heimath. Organ des deutschen Lehrervereins für Naturkunde. Stuttgart. [2 monatl.] Nebst Beilage; Schriften des deutschen Lehrervereins für Naturkunde. [jährl.] 100 Ger.
- Autun, Bul. soc. hist. nat.*—Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire). 915 Fr.
- Autun, Bul. soc. sci. nat.*—Bulletin de la société des sciences naturelles. Autun (Saône-et-Loire). — Fr.
- Auxerre, Bul. soc. hist. nat.*—Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne). — Fr.
- Basel, Abh. Schweiz. Pal. Ges.*—Abhandlungen der schweizerischen paläontologischen Gesellschaft. Mémoires de la Société paléontologique suisse. Basel & Gené. 4to. 2 Swi.

- Berg. Hüttenm. Jahrb., Wien.*—Berg- und Hüttenmännisches Jahrbuch der K. K. montanistischen Hochschulen zu Leoben und Příbram. Unter Mitwirkung von Hans Höfer Edler von Heimhalt redigiert von Gustav Kioupa und Franz Kieslinger. Wien. [$\frac{1}{4}$ jährl.] — Aus.
- Berkeley, Univ. Cal. Pub. Bull. Dept. Geol.*—University of California Publications. Bulletin of the Department of Geology. Berkeley. 40 U.S.
- Berlin, Abh. geol. Landesanst.*—Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2--3 H. jährl.] — Ger.
- Berlin, Jahrb. geol. Landesanst.*—Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jährl.] 171 Ger.
- Berlin, Sitzber. Ges. natf. Freunde.*—Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.] 183 Ger.
- Berlin, Verh. bot. Ver.*—Verhandlungen des botanischen Vereins der Provinz Brandenburg. Berlin. [jährl.] — Ger.
- Berlin, Zs. D. geol. Ges.*—Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.] 199 Ges.
- Berliner klin. Wochenschr.*—Berliner klinische Wochenschrift, red. v. Ewald u. Posner. Berlin. 200 Ger.
- Bologna, Rend. Acc. sc.*—Rendiconti dell' Accademia delle scienze dell' Istituto, Bologna. 43 It.
- Bonn, Verh. nathist. Ver.*—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.
- Boston, Mass., Proc. Amer. Acad. Arts Sci.*—Proceedings of the American Academy of Arts and Sciences, Boston, Mass. 60 U.S.
- Bot. Közlem., Budapest.*—Botanikai Közlemények. [Botanische Mitteilungen, geänderter Titel der növényt. Közlem.], Budapest. — Hun.
- Brisbane, Proc. R. Soc.*—Proceedings of the Royal Society of Queensland. Brisbane. — Queensl.
- Brisbane, Queensland Geogr. J.*—Journal of the Queensland Branch of the Geographical Society of Australasia. Brisbane. — Queensl.
- Budapest, Ann. Hist. Nat. Mus. Nat. Hung.*—Annales Historico-Naturales Musei Nationalis Hungarici. 34 Hun.
- Bulawayo, Proc. Rhod. Sc. Ass.*—Proceedings of the Rhodesia Scientific Association. 1 S. Afric.
- Bull. Amer. Pal., Ithaca.*—Bulletins of American Palaeontology (Cornell University). Ithaca, New York. — U.S.
- Bul. Muséum, Paris.*—Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.] 237 Fr.
- C.-R. cong. soc. sav., Paris.*—Comptes-rendus du congrès des sociétés savantes de Paris et des départements. Section des Sciences. Paris. [annuel.] 283 Fr.
- Caen, Bul. soc. bot.*—Bulletin de la Société botanique. Caen. — Fr.
- Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll.*—Memoirs of the Museum of Comparative Zoology of Harvard College, Cambridge, Mass. 78 U.S.
- Cape Town Trans. R. Soc. S. Afric.*—Transactions of the Royal Society, South Africa. Cape Town. — S.A.
- Carcassonne, Bul. soc. étud. sci.*—Bulletin de la société d'études scientifiques de l'Aude. Carcassonne (Aude). [annuel.] 254 Fr.
- Centralbl. Min., Stuttgart.*—Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.] 285 Ger.
- Chicago, Ill., Field Mus. Pub. Geol. Ser.*—Publications of the Field Columbian Museum. Geological Series. Chicago, Ill. 108 U.S.

- Columbus, Ohio, Ann. Ent. Soc. Amer.*—Annals of the Entomological Society of America, Columbus, Ohio. U.S.
- D. Erde, Gotha.*—Deutsche Erde. Gotha. 1389 Ger.
- D. Rev., Stuttgart.*—Deutsche Revue, hrsg. v. R. Fleischer. Stuttgart. — Ger.
- Des Moines, Proc. Iowa Acad. Sci.*—Proceedings of the Iowa Academy of Sciences, Des Moines. 137 U.S.
- Dresden, Sitz-Ber. Isis.*—Sitzungsberichte und Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. Dresden. [jähr.] 415 Ger.
- Ent. News, Philadelphia, Pa.*—Entomological News and Proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia. American Entomological Society, Philadelphia. Pa. 366 U.S.
- Explor. géolog. chem. de fer Sibérie, St. Peterbourg.*—Геологическія изслѣдованія и развѣдки по линіи Сибирской желѣзной дороги. С.-Петербургъ [Explorations géologiques et minières le long du chemin de fer de Sibérie. St.-Petersbourg]. 45 Rus.
- F. Mosskult, Tidskr., Helsingfors.*—Finska Mosskulturföreningens Tidskrift. Helsingfors. 8vo. 13 Fin.
- Feuille jeunes natural., Paris.* Feuille des jeunes naturalistes. Dir. Dollfus. Paris. [mensuel.] 337 Fr.
- Firenze, Arch. Soc. it. antrop. etnol.*—Archivio della Società italiana di antropologia e di etnologia, Firenze. 61 It.
- Földt. Közl. Budapest.*—Földtani Közlöny, Budapest. [Geologische Mittheilungen, Budapest.] 7 Hun.
- Fortschr. Natw. Forschg, Berlin.*—Fortschritte der Naturwissenschaftlichen Forschung, hrsg. v. E. Abderhalden. Berlin. [zwangl.] — Ger.
- Frankfurt a. M., Ber. Senckenb. Ges.*—Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jähr.] 476 Ger.
- Frankfurt a. M., NachrBl. D. malakozool. Ges.*—Nachrichtenblatt der deutschen malakozologischen Gesellschaft. Frankfurt a. M. [monatl.] 480 Ger.
- Frauenfeld, Mitt. Thurg. Natf. Ges.*—Mitteilungen der thurgavischen naturforschenden Gesellschaft. Frauenfeld. 8°. Swi. 32.
- Freiburg i. B., Ber. natf. Ges.*—Berichte der naturforschenden Gesellschaft zu Freiburg i. B. Freiburg i. B. [jähr. in zwangl. H.] 485 Ger.
- Geol. u. palaeont. Abh., Jena.*—Geologische und paleontologische Abhandlungen hrsg. v. E. Koken. Jena. [zwangl.] — Ger.
- Grenoble, Bul. soc. sci. nat.*—Bulletin de la société des sciences naturelles du Sud-Est. Grenoble (Isère). [trimestr.] 366 Fr.
- Haarlem, Arch. Néerl. Sci. Soc. Holl.*—Archives Néerlandaises des Sciences exactes et naturelles publiées par la Société Hollandaise des Sciences, Haarlem, 8°. 22 Hol.
- Handl. Ned. Nat. Genesck. Congres.*—Handelingen van het Nederlandsch Natuur- en Geneskundig Congres, 8°. 26 Hol.
- Helsingfors, Acta Soc. Fauna et Fl. Fenn.*—Acta Societatis pro Fauna et Flora Fennica. Helsingfors. 8°. 1 Fin.
- Himmel u. Erde, Berlin.*—Himmel und Erde. Illustrierte naturwissenschaftliche Monatsschrift, red. v. Schwahn. Berlin. 585 Ger.
- Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist.*—Bulletin from the Laboratories of Natural History of the State University of Iowa City. 170 U.S.
- J. Conchyliol., Paris.*—Journal de Conchyliologie, publié sous la direction de M. H. Fischer. Paris. [trimestr.] 393 Fr.
- J. Geol., Chicago, Ill.*—Journal of Geology. (University of Chicago.) Chicago, Ill. 101 U.S.

- Jahresber. oberrhein. geol. Ver., Stuttgart.*—Jahresberichte und Mittheilungen des oberrheinischen geologischen Vereins. Stuttgart. [jähr.] — Ger.
- Jurjev, Sitzb. Naturf.-Ges.*—Протоколы Общества естествоиспытателей при Императорскомъ Юрьевскомъ Университетѣ. Юрьевъ [Sitzungsberichte der Naturforscher-Gesellschaft bei der Universität Jurjew]. 79 Rus.
- Karlsruhe, Verh. natw. Ver.*—Verhandlungen des naturwissenschaftlichen Vereins in Karlsruhe. Karlsruhe. [mehrjähr.] 681 Ger.
- Kazan, Prot. Obsč. jest.*—Протоколы засѣданій Общества естествоиспытателей при Императорскомъ Казанскомъ Университетѣ. Казань [Procès-verbaux des séances de la Société des naturalistes de l'Université Impériale de Kazan]. 415 Rus.
- Kazan, Trd. Obsč. jest.*—Труды Общества естествоиспытателей при Императорскомъ Казанскомъ Университетѣ. Казань [Travaux de la Société des naturalistes de l'Université Impériale de Kazan]. 88 Rus.
- Kischinev, Trav. Soc. nat.*—Труды Бессарабскаго Общества естествоиспытателей и любителей естествознанія. Кишиневъ [Travaux de la Société des naturalistes et des amateurs des sciences naturelles de Bessarabie. Kichinev]. — Rus.
- Kjöbenhavn, Medd. Geol.*—Meddelelser fra dansk geologisk Forening, Kjöbenhavn. 15 Den.
- Kjöbenhavn, Vid. Selsk. Skr.*—Det kodelige danske Videnskabernes Selskabs Skrifter. Naturvidenkabelig og mathematisk Afdeling, Kjöbenhavn. 20 Den.
- Königsberg, Ber. landw. Inst.*—Berichte des landwirthschaftlichen Institutes der Universität Königsberg. Berlin. [zwangl.] 699 Ger.
- Lawrence, Kan. Univ. Q.*—Kansas University Quarterly. Lawrence, Kan. 194 U.S.
- Leiden, Saaml. Geol. Reichsmus.*—Sammlungen des Geologischen Reichsmuseums in Leiden. Leiden. 8vo. 35 Hol.
- Leipzig, Sitzber. natf. Ges.*—Sitzungsberichte der naturforschenden Gesellschaft zu Leipzig. Leipzig. [2 jähr.] 744 Ger.
- Los Angeles, Bull. So. Cal. Acad. Sci.*—Bulletin of the Southern California Academy of Sciences, Los Angeles. 204 U.S.
- Maryland Geol. Surv., Baltimore.*—Maryland Geological Survey, Baltimore. 219 U.S.
- Melbourne, Proc. R. Soc. Vict.*—Proceedings of the Royal Society of Victoria. Melbourne. 9 Vict.
- Milano, Rend. Ist. lomb.*—Rendiconti dell' Istituto lombardo di scienze e lettere, Milano. 106 It.
- Monitore zool. ital., Firenze.*—Il Monitore zoologico italiano, Firenze. 109 It.
- Montpellier, Mém. sec. sci. Acad. sci. let.*—Mémoires de la section des sciences de l'Académie des sciences et lettres de Montpellier (Hérault). [annuel.] 521 Fr.
- Moskva, Bul. Soc. Nat.*—Bulletin de la Société Impériale des Naturalistes de Moscou. 136 Rus.
- München, Abh. Ak. Wiss.*—Abhandlungen der kgl. bayerischen Akademie der Wissenschaften. München. [jähr. in zwangl. H.] 833 Ger.
- Museumskunde, Berlin.*—Museumskunde. Zeitschrift für Verwaltung und Technik öffentlichen und privater Sammlungen, hrsg. v. K. Koetschan. Berlin. [4 H. jähr.] — Ger.
- N. Denkschr. Schweiz. Ges. Natw., Zurich.*—Neue Denkschriften der allgemeinen schweizerischen Gesellschaft für die gesammten Naturwissenschaften. Nouveaux Mémoires de la Société helvétique des sciences naturelles. Zurich etc. 4^o. 71 Swi.
- N. Jahrb. Min. Stuttgart.*—Neues Jahrbuch für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer. Stuttgart. [2 monatl.] Nebst Beilage-Bänden. 854 Ger.

- N. Weltanschauung, Berlin.*—Neue Weltanschauung. Monatschrift für Kulturfortschritt auf naturwissenschaftlicher Grundlage, red. v. W. Breitenbach. Leipzig. — Ger.
- Napoli, Atti Acc. sc.*—Atti dell' Accademia delle scienze fisiche e matematiche, Napoli. 115 It.
- Nantes, Bul. soc. sci. nat.*—Bulletin de la société des sciences naturelles de l'Ouest. Nantes (Loire-Inférieure). [trimestr.] 537 Fr.
- Natur, Leipzig.*—Natur. Zeitschrift der Deutschen Naturwissenschaftlichen Gesellschaft. Leipzig. [$\frac{1}{2}$ monatl.] — Ger.
- Natur. Wochenschr., Jena.*—Naturwissenschaftliche Wochenschrift, red. v. Potonié. Jena. 868 Ger.
- Nautilus, Philadelphia, Pa.*—Nautilus, Philadelphia, Pa. 271 U.S.
- New Haven, Conn., Trans. Acad. Arts. Sci.*—Transactions of the Connecticut Academy of Arts and Sciences, New Haven. 279 U.S.
- New York, N.Y., Ann. Acad. Sci.*—Annals of the New York Academy of Sciences, New York, N.Y. 295 U.S.
- New York, N.Y., Bull. Amer. Mus. Nat. Hist.*—Bulletin of the American Museum of Natural History, New York, N.Y. 299 U.S.
- New York, N.Y., Bull. Bot. Gard.*—Bulletin of the New York Botanical Garden, New York, N.Y. 300 U.S.
- New York, Bull. Geol. Soc. Amer.*—Bulletin of the Geographical Society of America. Rochester, N.Y. 410 U.S.
- New York, N.Y., Bull. Torrey Bot. Cl.*—Bulletin of the Torrey Botanical Club, New York, N.Y. 302 U.S.
- New York, N.Y., Mem. Amer. Mus. Nat. Hist.*—Memoirs of the American Museum of Natural History, New York, N.Y. 322 U.S.
- Nîmes, Bul. soc. étud. sci. nat.*—Bulletin de la société d'études des sciences naturelles. Nîmes (Gard). [mensuel.] 551 Fr.
- Novočerkassk, Ann. Inst. polytechn.*—Извѣстія Алексѣевского Донского политехническаго Института Новочеркаскѣ. Новочеркаскъ [Annales de l'Institut polytechnique du Don du Césarévitch Alexis à Novotcherkassk]. — Rus.
- Ohio Rep. Geol. Surv., Columbus.*—Report of the Geological Survey of Ohio, Columbus. 349 U.S.
- Orel, Izv. Obsč. izsl. priv. Orl. gub.*—Извѣстія Общества для изслѣдованія природы Ордовской губерніи. Орель [Bulletin de la Société pour l'exploration de la nature du Gouvernement Orel]. — Rus.
- Palaeontographica, Stuttgart.*—Palaeontographica. Beiträge zur Naturgeschichte der Vorzeit, hrsg. v. Zittel. Stuttgart. [2-3 H. jährl.] 898 Ger.
- Palaeont. Zs., Berlin.*—Palaeontologische Zeitschrift. Organ der Palaeontologischen Gesellschaft in deren Auftrage, hrsg. von O. Jaekel. Berlin. [zwangl.] — Ger.
- Palermo, Giorn. sc. nat. econ.*—Giornale della Società di scienze naturali ed economiche, Palermo. 137 It.
- Pal. Ind., Calcutta.*—Memoirs of the Geological Survey of India, Palaeontologia Indica, Calcutta. (Being figures and descriptions of the organic remains procured during the progress of the Geological Survey of India.) 25 Ind.
- Paris, Bul. soc. bot.*—Bulletin de la société botanique de France. Gér. Malinvaud. Paris. [mensuel.] 586 Fr.
- Paris, Bul. soc. géol.*—Bulletin de la société géologique de France. Paris. [mensuel.] 598 Fr.
- Paris, C. R. Acad. sci.*—Comptes-rendus hebdomadaires des séances de l'académie des sciences. Paris. 612 Fr.
- Paris C. R. ass. franç. avanc. sci.*—Comptes-rendus de l'association française pour l'avancement des sciences. Paris. [2 volumes par an.] 613 Fr.

- Paris, C. R. soc. biol.*—Comptes-rendus hebdomadaires des séances et mémoires de la société de biologie. Paris. 615 Fr.
- Philadelphia, Pa., J. Acad. Nat. Sci.*—Journal of the Academy of Natural Sciences of Philadelphia, Philadelphia, Pa. 367 U.S.
- Pisa, Proc. verb. Soc. tosc. sc. nat.*—Processi verbali della Società toscana di scienze naturali, Pisa. 154 It.
- Plant World, Washington, D.C.*—The Plant World, Washington, D.C. 390 U.S.
- Pop. Sci. Mon., New York, N.Y.*—Popular Science Monthly, New York, N.Y. 392 U.S.
- Porrentruy, Actes Soc. Jurass. Emul.*—Actes de la Société jurassienne d'émulation. Porrentruy etc. 8°. 74 Swi.
- Psyche, Cambridge, Mass.*—Psyche. (Cambridge Entomological Club), Cambridge, Mass. 404 U.S.
- Queensland Geol. Surv., Brisbane.*—Department of Mines. Geological Survey. Publications. Brisbane. — Queensl.
- Queensland Mus., Brisbane.*—Queensland Museum. Brisbane. — Queensl.
- Rep. Aus. Ass. Ad. Sc., Brisbane.*—Report of the Australian Association for the Advancement of Science. Brisbane. — Queensl.
- Rev. franç. Ornith., Paris.*—Revue française d'Ornithologie scientifique et pratique. Publiée par M. Louis Denise, 14. Rue Antoine Roucher. Paris. [mensuel.] — Fr.
- Riga, Korr.-blt. Naturf.-Ver.*—Korrespondenzblatt des Naturforscher-Vereins zu Riga. 213 Rus.
- Riv. geogr. ital., Roma.*—Rivista geografica italiana, Roma. 165 It.
- Riv. ital. paleont., Bologna.*—Rivista italiana di paleontologia, Bologna. 167 It.
- Riv. Ital., Roma.*—Rivista d'Italia, Roma. — It.
- Riv. ital. sc. nat., Milano.*—Rivista italiana di scienze naturali, Siena. 168 It.
- Roma, Boll. Comitato geol.*—Bollettino del R. Comitato geologico, Roma. 192 It.
- Roma, Boll. Soc. geol. ital.*—Bollettino della Società geologica italiana, Roma. 197 It.
- Roma, Mem. Acc. Nuovi. Lincei.*—Memorie dell' Accademia pontificia di Nuovi Lincei, Roma. 204 It.
- Roma, Nuova Antologica.*—Nuova Antologia, Rivista d'lettere scienze ed arti. Roma. — It.
- St. Peterburg Ann. Inst. Mines.*—Записки Горнаго Института Имп. Екатерины II. С.-Петербургъ [Annales de l'Institut des Mines de l'Impératrice Catherine II. St. Petersburg]. — Rus.
- St. Peterburg, Bull. Ac. Sc.*—Извѣстія Императорской Академіи Наукъ. С.-Петербургъ [Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg]. 251 Rus.
- St. Peterburg, Mém. Ac. Sc.*—Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St.-Petersbourg]. 266 Rus.
- St. Peterburg, Mém. Com. géol.*—Труды Геологическаго Комитета. С.-Петербургъ [Mémoires du Comité géologique. St.-Petersbourg]. 267 Rus.
- St. Peterburg, Trav. mus. géol. Ac. Sci.*—Труды геологическаго Музея имени Петра Великаго при Императорской Академіи Наукъ С.-Петербургъ [Travaux du Musée géologique près l'Académie Impériale des sciences de St. Péttersbourg]. — Rus.
- St. Peterburg, Verh. Russ. mineral. Ges.*—Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ [Verhandlungen der russischen Mineralogischen Gesellschaft. St.-Peterborg]. 290 Rus.

- Science, New York, N. Y.*—*Science, New York, N. Y.* 429 U.S.
- 's *Gravenhage, Verh. Geol. Mijb. Gen. (Geol. Ser.)*.—Verhandelingen van het geologisch-schijnbouwkundig Genootschap voor Nederlanden Koloniën. Geologische Serie. — Hol.
- Tasmania Dept. Mines Rec. Geol. Surv., Hobart.*—Tasmania Department of Mines. Records of the Geological Survey, Hobart.
- Torino Atti Acc. sc.*—Atti della R. Accademia delle scienze, Torino. 220 It.
- Torino, Mem. Acc. sc.*—Memorie della R. Accademia delle scienze, Torino. 228 It.
- Torrey, New York, N. Y.*—Torreya. (Torrey Botanical Club), New York, N. Y. 332 U.S.
- Trans. Ill. Acad. Sci., Urbana.*—Transactions of the Illinois State Academy of Science, Urbana, Ill. — U.S.
- Utrecht, Bek. Verh. Prov. Utr. Gen.*—Bekroonde Verhandelingen uitgegeven door het Provinciaal Utrechtsch Genootschap voor Kunsten en Wetenschappen, 's Gravenhage, 40. and So. 52 Holl.
- Varšava, Prot. Obsč. jest.*—Протоколы заседаній Общества естествоиспытателей при Императорскомъ Варшавскомъ Университетѣ. Варшава [Procès-verbaux de la Société des Naturalistes de Varsovie]. — Rus.
- Verh. Ges. D. Natf., Leipzig.*—Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig. [jähr.] 1083 Ger.
- Vicenza, Boll. Mus. Civ.*—Bollettino del Museo Civico di Vicenza. Vicenza. — It.
- Washington, D.C., Carnegie Inst. Pub.*—Carnegie Institution Publication, Washington, D.C. — U.S.
- Washington, D.C., Dept. Int. Bull. U.S. Geol. Surv.*—Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C. 516 U.S.
- Washington, D.C., J. Acad. Sci.*—Journal of the Washington Academy of Sciences. Washington, D.C. — U.S.
- Washington, D.C., Proc. Biol. Soc.*—Proceedings of the Biological Society of Washington, Washington, D.C. 488 U.S.
- Washington, D.C., Proc. Ent. Soc.*—Proceedings of the Entomological Society of Washington, Washington, D.C. 489 U.S.
- Washington, D.C., Smithsonian Inst. Misc. Collect. Q.*—Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly. Washington, D.C. 497 U.S.
- Washington, D.C., Smithsonian Inst. Proc. U.S. Nat. Mus.*—Smithsonian Institution. U.S. National Museum Proceedings. Washington, D.C. 500 U.S.
- Washington, D.C., Smithsonian Inst. Rep.*—Smithsonian Institution. Annual Report of the Board of Regents, Washington, D.C. 502 U.S.
- Wellington, Trans. and Proc. N. Zeal. Inst.*—Transactions and Proceedings of the New Zealand Institute, Wellington. — N.Z.
- Wien, Ann. Nat.Hist. Hofmus.*—Annalen des k. k. Naturhistorischen Hofmuseums, red. von Franz Steindachner. Wien. [$\frac{1}{4}$ jähr.] 408 Aus.
- Wien, Beitr. Pal. Geol. ÖstUng.*—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 G[ustav] von Arthaber. Wien. [$\frac{1}{4}$ jähr.] 415 Aus.
- Wien, Jahrb. Geol. Rchs.Anst.*—Jahrbuch der k. k. Geologischen Reichs-Anstalt. Wien. [$\frac{1}{4}$ jähr.] 425 Aus.
- Wien, Mitt. Geol. Ges.*—Mitteilungen der geologischen Gesellschaft. Wien. — Aus.
- Wien, Mitt. Sekt. Natkde.*—Mitteilungen der Sektion für Naturkunde des Österreichischen Touristen-Klubs, red. v. C. R. von Keissler. Wien. [monatl.]

- Wien, Schv. Ver. Verbr. Natur. Kenntn.*—Schriften des Vereins zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. [Nebentitel:] Populäre Vorträge aus allen Fächern der Naturwissenschaft. Herausgegeben vom Vereine zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. Wien. [jährl. bezw. in zwangl. H.] 471 Aus.
- Wien, SitzBer. Ak. Wiss.* Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Mathematisch.-Naturwissenschaftliche Klasse. Wien. [4 Abt. zwangl.] 472 Aus.
- Wien, Verh. Geol. Reichs-Anst.*—Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jährl.] 477 Aus.
- Wien, Verh. ZoolBot. Ges.*—Verhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien, red. v. Anton Handlirsch. Wien. [10 H. jährl.] 479 Aus.
- Wiesbaden, Jahrb. Ver. Natk.*—Jahrbücher des nassauischen Vereins für Naturkunde. Wiesbaden. [jährl.] 1121 Ger.
- Wiesbaden, Nass. Ann.*—Nassauische Annalen. Wiesbaden. — Ger.
- Wr. Klin. Wochenschr., Wien.*—Wiener Klinische Wochenschrift. Organ der k. k. Gesellschaft der Ärzte in Wien, red. v. Alexander Fraenkel. Wien. 496 Aus.
- Zs. Natw., Leipzig.*—Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Leipzig. [2 monatl.] 1214 Ger.

NOT FOR CIRCULATION

Z
7403
R882

International catalogue of
scientific literature,
1901-1914

Div.K
1913

Biological
& Medical
Reference

STORAGE

