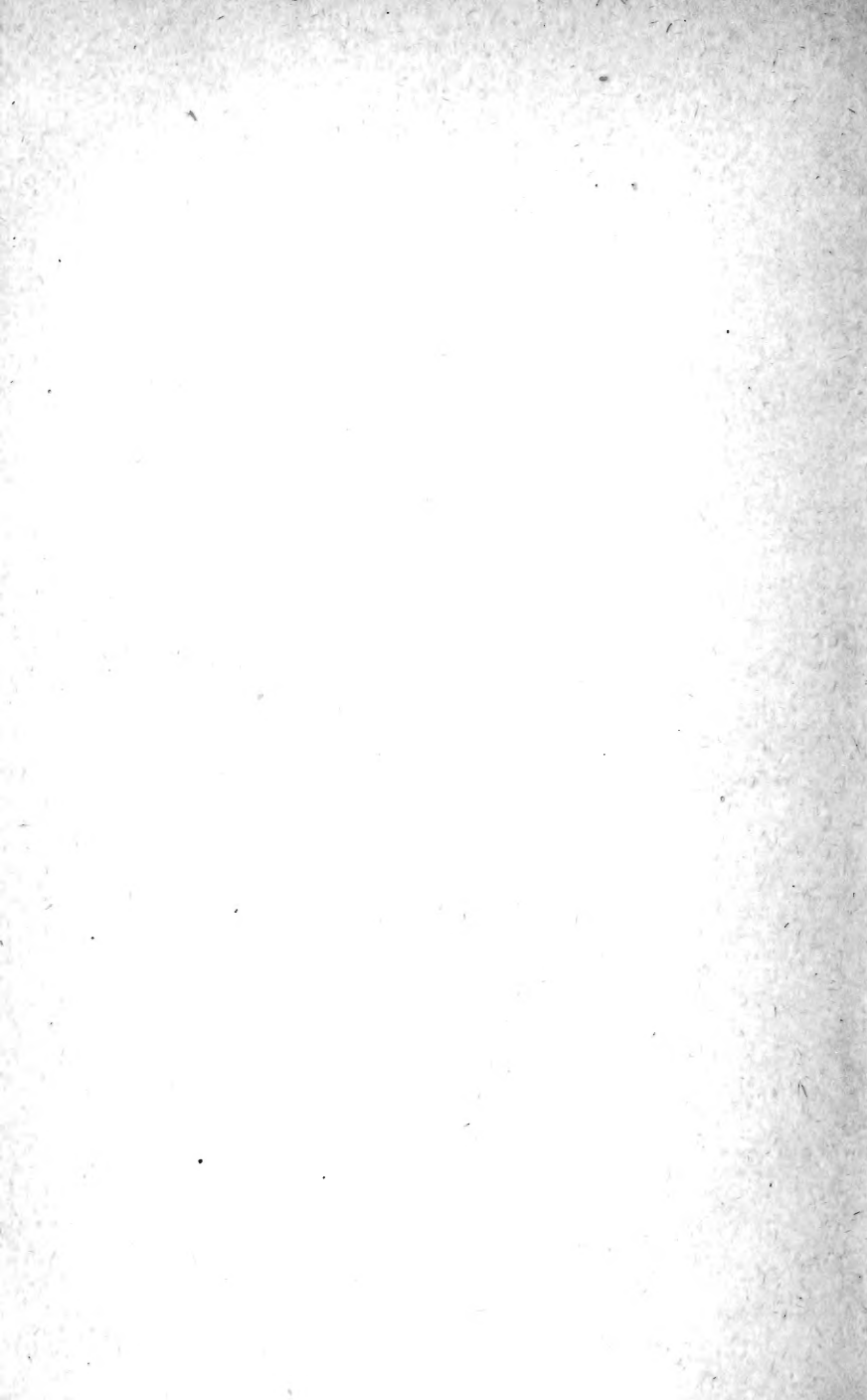


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The *International Catalogue of Scientific Literature* is in effect a continuation of the Royal Society's *Catalogue of Scientific Papers* which will, when completed, consist of an Author Catalogue and Subject Index covering the period of 1800-1900.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

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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 1907, but includes those portions of the literature of 1901-1906 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.

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International Catalogue of Scientific Literature

SCHEDULE

OF

CLASSIFICATION

(K) PALÆONTOLOGY

(K) PALÆONTOLOGY.

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

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

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

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

(K) PALÄONTOLOGIE.

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

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl welche die Unterabteilung des Tier- oder Pflanzenreiches angiebt, 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.

(K) PALEONTOLOGIA.

- 0000 Philosophie.
 0010 Histoire. Biographies.
 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
 0030 Traités généraux, Manuels, Dictionnaires, Recueils, Tables.

- 0032 Bibliographies.
 0040 Discours, Cours, etc., d'un caractère général.

- 0050 Enseignement.
 0060 Institutions, Musées, Collections.
 0070 Nomenclature.

- 0100 Distribution géographique des animaux et des plantes dans les temps passés.

- 0150 Paléontologie stratigraphique ; changements de formes dans les couches successives, etc.

- 0200 Evolution. (*Voy. aussi* L. 4300 N 0223 ; M 4400.)

- 0210 Fossiles dont le caractère biologique n'est pas déterminé.

- 0220 Fossilisation.

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

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

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

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

- Bibliografie.
 Discorsi, Letture, ecc., aventi un carattere generale.

- Pedagogia.
 Istituti, Musei, Collezioni.
 Nomenclatura.

- Distribuzione della vita (animale e vegetale) nei passati tempi.

- Paleontologia stratigrafica ; mutazioni (cambiamenti di forma in strati successivi), ecc.

- Evoluzione. (*Vedi anche* L. 4300 ; N 0223 ; M 4400.)

- Fossili il cui carattere biologico è indeterminato.

- Fossilizzazione.

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

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

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

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0231	Palaeozoologia	38. 0231	39. 0231	45. 0231	50. 0231
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6031	Mammalia	38. 6031	39. 6031	45. 6031	50. 6031
5831	Aves	38. 5831	39. 5831	45. 5831	50. 5831
5631	Reptilia et Batrachia	38. 5631	39. 5631	45. 5631	50. 5631
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, Euripterida, 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
0831	Coelenterata, incl. Graptolithoidea	38. 0831	39. 0831	45. 0831	50. 0831
0631	Poritera	38. 0631	39. 0631	45. 0631	50. 0631
0431	Protozoa	38. 0431	39. 0431	45. 0431	50. 0431
0131	Fossilia affinitatis vel originis incertae	38. 0131	39. 0131	45. 0131	50. 0131

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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

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Upper Palaeozoic	55	Oberes Palaeozoicum	55
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55	60	65	70	75	80	85	90	95
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55, 0231	60, 0231	65, 0231	70, 0231	75, 0231	80, 0231	85, 0231	90, 0231	95, 0231
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Néozoïque supérieur. Miocène, Pliocène	Cenozoico superiore. Miocene, Pliocene...
Pleistocène et terrains récents 95	Pleistocene e recente 95



International Catalogue of Scientific Literature

TOPOGRAPHICAL CLASSIFICATION

TOPOGRAPHICAL CLASSIFICATION.

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

1.—MAIN DIVISIONS.

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

TOPOGRAPHISCHE KLASSIFIKATION.

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

1.—HAUPT-ABSCHNITTE.

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

CLASSIFICATION TOPO- GRAPHIQUE.

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

1.—GRANDES DIVISIONS.

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

CLASSIFICAZIONE TOPO- GRAFICA.

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

1.—DIVISIONI PRINCIPALI.

- La Terra nel suo complesso.
- Le terre emerse.
- L'oceano nel suo complesso.
- Europa e mare Mediterraneo con le sue isole.
- Asia e Arcipelago Malese, 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.
dc. German Empire.
dd. Holland; Belgium; Luxemburg.
de. British Islands.
df. France and Corsica.
dg. Iberian Peninsula (including Pyrenees): Spain (with the Balearic Islands); Portugal.
dh. Italy. Sicily (with Lipari Islands and Pantellaria). Sardinia.
di. Switzerland.
dii. Alps.
dk. Austria-Hungary (Bosnia and Herzegovina included).
dl. Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro and Greece).
dm. Mediterranean and Islands (Crete, Cyprus and Malta).
dn. Black Sea and Sea of Azov.
do. Baltic and Islands.
dp. North Sea.
dq. English Channel, including Channel Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
aaa. West Siberia.
aab. East Siberia.
aac. Central Asiatic Russia.
ab. China and Dependencies: Mongolia, Tibet, etc. Korea.
ec. Japanese Islands; Formosa.
ed. French Indo-China: Tonquin, Annam, etc.

2.—UNTERABTHEILUNGEN.

EUROPA UND DAS MITTELLÄNDISCHE MEER MIT SEINEN INSELN.

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

ASIEN UND DER MALAYISCHE ARCHIPEL.

- Asiatisches Russland.
 Westsibirien.
 Ostsibirien.
 Russisches Centralasien.
 China und zugehörige Länder: 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.

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

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
caa. Sibérie Occidentale.
eab. Sibérie Orientale.
caac. 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 100 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.
 Arcipelago del Giappone. Formosa.
 Indo-Cina Francese : Tonchino, Annam, etc.

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

f. AFRICA AND MADAGASCAR.

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

g. NORTH AMERICA.

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

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

AFRIKA UND MADAGASKAR.

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

NORD-AMERIKA.

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

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

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, 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 riferentisi alla Africa orientale portoghese in complesso si devono catalogare in questa rubrica soltanto.
 Africa australe a sud di Angola e dello Zambesi.
 Madagascar e Gruppo delle Comore. Il Mar Rosso e le sue isole.

AMERICA SETTENTRIONALE.

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

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

Ladronen-, 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 Pacifischen 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 Pacifischen Oceans.

j. REGIONS POLAIRES EN GÉNÉRAL.

k. RÉGIONS ARCTIQUES.

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

l. ATLANTIQUE.

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

m. OCEAN INDIEN.

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

n. PACIFIQUE.

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

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B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILIA AFFINITATIS
VEL ORIGINIS INCERTAE.0131.38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL
POSITION.

Palaeodictyon. Capeder G. Roma,
Boll. Soc. geol. ital., 24, 1905, (89-100).

0131.39 GENERAL.

Bolorhaphe Fuchs. Capeder, G.
Roma, Boll. Soc. geol. ital., 24, 1905,
(169-190).

Ceratophycus Schimp. Capeder, G.
l.c.

Cosmorhaphe Fuchs. Capeder, G.
l.c.

Cylindrites Goepf. Capeder, G. l.c.

Desmograption Fuchs. Capeder, G.
l.c.

Gyrocorte Fuchs. Capeder, G. l.c.

Helminthoidea Schafh. Capeder, G.
l.c.

Helmintopsis Heer. Capeder, G. l.c.

Münsteria Sternb. Capeder, G. l.c.

Nemertilites Menegh. Capeder, G. l.c.

Palaeodyctyon Menegh. Capeder, G.
l.c.

Palaeomeandron Fuchs. Capeder, G.
l.c.

Polycampton Fisch. Oost. Capeder,
G. l.c.

Spirorhaphe Fuchs. Capeder, G.
l.c.

Taphrelmintopsis Sacc. Capeder, G.
l.c.

Urohelminthoidea Sacc. Capeder, G.
l.c.

Zoophycos Massal. Capeder, G. l.c.

0131.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Beloraphe sp. Issel, A. Roma,
Boll. Soc. geol. ital., 25, 1906, (1-58).

Cylindrites sp. Issel, A. l.c.

Gyrolites spp. Issel, A. l.c.

Hercoraphe sp. Issel, A. l.c.

0431 PROTOZOA.

0431.39 GENERAL.

GENERAL.

Hucke, K. Phylogenie der Thalamophoren. Arch. Protistenkunde, Jena, 9, 1907, (33-52).

SPECIAL.

Cyclammina uhligae e *C. pusilla* var. *draga*. Silvestri, A. Riv. ital. paleont., 11, 1905, (71-73).

Discorbis orbicularis Orb. Fornasini, C. Bologna, Mem. Acc. Sc., 6, 1906, (61-70).

Gyroidina spp. Fornasini, C. l.c.

Rosalina spp. Fornasini, C. l.c.

Rotalia spp. Fornasini, C. l.c.

Spiroloculina spp. Fornasini, C. Roma, Boll. Soc. geol. ital., 24, 1905, (387-399).

Trochulina spp. Fornasini, C. Bologna, Mem. Acc. Sc., 6, 1906, (61-70).

Truncatulina miquelonensis Orb. 0431.85 LOWER CAENOZOIC
Fornasini, C. *l.c.* (Eocene, Oligocene).

Turbinulina spp. Fornasini, C. *l.c.*

0431.55 UPPER PALAEOZOIC.

GENERAL.

Gürich, G. *Spongiostromidae*—eine neue Familie krustenbildender Organismen aus dem Kohlenkalke von Belgien. N. Jahrb. Min., 1907, 1, 131-138, mit 1 Taf.).

SPECIAL.

Fusulina. Yabe, H. Tokyo, J. Coll. Sci., 21, Art. 5, 1906, (1-36, with 3 pls.).

————— *carnica* n. sp. Gortani, M. Palaeontogr. ital., 12, 1906, (1-84).

0431.75 CRETACEOUS.

Orbitoides caucasica n. sp. Bogdanović, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Orbitolina nn. spp. Parona, C. F. Roma, Rend. Acc. Lincei, 15, 1906, (1° sem., 163-164).

0431.80 CAENOZOIC (TERTIARY) (GENERAL).

GENERAL.

Douvillé, R. Sur l'âge des Lépidocyclines. Feuille jeunes natural., 37, 1907, (121).

Prever, P. Le nummuliti e le orthophragmine di due località dello Appennino pavese. Milano, Rend. Ist. lomb., 38, 1905, (478-482).

SPECIAL.

Baculogypsina meneghinii n. sp. Silvestri, A. Roma, Atti Acc. nuovi Lincei, 58, 1905, (65-82, con fig.).

Orbitoides gümbeli. Silvestri, A. *op. cit.* 59, 1905, (33-49).

Quinqueloculina spp. Fornasini, C. Bologna, Mem. Acc. sc., 2, 1905, (59-70, con fig.).

Triloculina spp. Fornasini, C. *l.c.*

GENERAL.

Prever, P. L. I terreni nummulitici di Gassino e Biarriz. Torino, Atti Acc. Sc., 41, 1906, (185-199).

SPECIAL.

Alveolina nn. spp. Sicilia. Checchia-Rispoli, G. Palaeontogr. ital., 11, 1905, (147-168, con tav.).

Bruguierea nn. spp. Italia. Prever, P. L. Roma, Boll. Soc. geol. ital., 24, 1905, (667-693, con fig.).

————— *jichteli* var. *vialei* n. var. Parisch, C. Torino, Mem. Acc. Sc., 56, 1906, (71-96).

Chapmania gassinensis n. sp. for *Dictyoconus aegyptiensis*. Silvestri, A. Roma, Atti Acc. Nuovi Lincei, 58, 1905, (129-135); Riv. ital. Paleont., 11, 1905, (113-120, con tav.).

Guembelia operculiniformis var. *granulata* n. var. Parisch, C. Torino, Mem. Acc. Sc., 56, 1906, (71-96).

————— *subparva* n. sp. Italia. Prever, P. Roma, Boll. Soc. geol. ital., 24, 1905, (677-693).

Lepidocyclina nn. spp. Italia. Silvestri, A. Roma, Atti Acc. Nuovi Lincei, 58, 1905, (122-128 c. fig.).

————— nn. spp. Termini-Imerese. Checchia-Rispoli, G. Riv. ital. Paleont., 11, 1905, (80-81).

————— nn. spp. Sicilia. Checchia-Rispoli, G. *op. cit.* 12, 1906, (86-92).

————— *selimuntina* n. sp. Sicily. Checchia-Rispoli, G. Naturalista Sicil., 17, 1905, (254).

Operculina nn. spp. Appennino ligure-piemontese. Parisch, C. Torino, Mem. Acc. Sc., 56, 1906, (71-96).

Orthophragmina. Kilian, W. Paris, Bul. soc. géol., 5, 1905, (309).

————— *di-stefanoii* n. sp. Checchia-Rispoli, G. Roma, Rend. Acc. Lincei, 15, 1906, (325-327).

Paronaea nn. spp. Italia. Prever, P. Roma, Boll. Soc. geol. ital., 24, 1905, (667-693).

————— nn. spp., nn. varr. Appennino ligure-piemontese. Parisch, C.

Torino, Mem. Acc. Sc., **56**, 1906, (71-96, con tav.).

Pellatispira n. gen. *P. douvillei* n. sp. Priabona. **Boussac, J.** Paris, Bul. soc. géol., **6**, 1906, (91, pl. ii, figs. 10-13).

Rupertia nn. spp. Torino. **Leardi** in **Airaghi, Z.** Milano, Att. Soc. ital., Sc. nat., **44**, 1905, (97-105, con tav.).

Spiroclypeus granulatus n. sp. Priabona. **Boussac, J.** Paris, Bul. soc. géol., **6**, 1906, (96, pl. ii, figs. 15-18, pl. iii, fig. 19).

0431.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Napoli, F. Foraminiferi fossili dello strato di sabbie grigie alla Farnesina presso Roma. Roma, Boll. soc. geol. ital., **25**, 1906, (321-376, con 4 tav.).

SPECIAL.

Cyrtocapsa la-vallei n. sp. Sicilia. **Cocco, L.** Acireale, Rend. Mem. Acc. Zeland, **3**, No. 2, 1904-1905, (1-14).

Dictyocha bifenestrata n. sp. Sicilia. **Cocco, L.** l.c.

Lepidocyclina marginata [Michelotti] et varr. **Silvestri, A.** Roma, Att. Acc. Nuovi Lincei, **59**, 1906, (148-166, con figg.).

Textularia gibbosa D'Orb. dimorfismo. **Silvestri, A.** Roma, Mem. Acc. Nuovi Lincei, **24**, 1906, (225-242, con 9 fig.).

Triloculina rotunda D'Orb. **Silvestri, A.** Riv. ital. sc. nat., **26**, 1906, (52-56, con fig.).

0431.95 PLEISTOCENE AND
RECENT.

GENERAL.

Chapman, F. Pleistocene Microzoa from a boring in the bed of the Buffalo River, East London. Graham's Town, Rec. Albany Mus., **2**, 1907, (6-17, text-fig.).

SPECIAL.

Capsulina loculicida Seg. già creduta foraminifera è la pedicellaria di un oicefalo. **Neviani, A.** Roma, Boll. Soc. zool. ital., **6**, 1905, (99-100); Roma, Boll. Soc. geol. ital., **24**, 1905, (165-168).

(K-1769)

0631 PORIFERA.

0631.55 LOWER PALAEOZOIC.

Hindia indianensis n. sp., Indiana. **Whitfield, R. P.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (297-300).

Somphospongia favositiformis n. sp. Indiana. **Whitfield, R. P.** l.c.

Vermispongia n. gen., *V. hamiltonensis*, *dactyliiformis* nn. spp. Indiana. **Whitfield, R. P.** l.c.

0631.75 CRETACEOUS.

Sklerokalia quasillus. [**Conwentz, H.**] Danzig, Ber. nathist. Samml., **22**, 1902, (14-15).

0631.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Neviani, A. Spicule di tetractinellidi rinvenute nelle sabbie postplioceniche di Carrubare. Roma, Boll. Soc. geol. ital., **24**, 1905, (xxix, 265-274, con fig.).

0831 COELENTERATA.

0831.39 GENERAL.

GENERAL.

Vaughan, T. W. H. M. Bernard's work on the poritid corals. Science, **26**, 1907, (373-378).

SPECIAL.

Heterastraea cvijici n. sp. Macedonia. **Oppenheim, P.** Berlin, Zs. D. geol. Ges., **58**, 1906, Aufsätze, (151).

Kerunia. **Douville, H.** Paris, Bul. soc. géol., **6**, 1907, (129-141, av. pls.).

0831.45 PALAEOZOIC (GENERAL).

GENERAL.

Gordon, C. E. The primary septa in rugose corals. Science, **25**, 1907, (345-347).

SPECIAL.

Amplexus archimediiformis n. sp. Missouri. **Rowley, R. R.** Amer. Geol., **35**, 1905, (301-309).

0831.50 LOWER PALAEOZOIC.

Pleurograptus linearis Carr. from the Scanian *Dicellograptus*-slate. **Moberg**, J. C. Stockholm, Geol. För. Förh., 29, 1907, (75-83, with pl.).

0831.55 UPPER PALAEOZOIC.

Actinostroma stellulatum. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Alveolites angusticellata n. sp. *l.c.*

Amphipora. **Felix**, [J.]. Leipzig, SitzBer. natf. Ges., 30-31, 1905, (73-76).

Aulopora serpens. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Blothrophyllum. **Sobolev**, D. *l.c.*

Calceola sandalina. **Sobolev**, D. *l.c.*

Carnegia n. gen. (near *Stromatopora*), *C. bassleri* n. sp., China. **Girty**, G. H. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 33, 1907, (37-41).

Chaetetes. **Sobolev**, D. Varšava. Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Chaunograptus gracilis n. sp. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (289-291).

Coenites. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Cyathophyllum diantoides n. sp. **Sobolev**, D. *l.c.*

Cystiphyllum. **Sobolev**, D. *l.c.*

Diphyphyllum. **Sobolev**, D. *l.c.*

Endophyllum nn. spp. **Sobolev**, D. *l.c.*

Favosites. **Sobolev**, D. *l.c.*

Fistulipora. **Sobolev**, D. *l.c.*

Hallia brevisseptata n. sp. **Sobolev**, D. *l.c.*

Heterotrypa. **Sobolev**, D. *l.c.*

Lonsdaleia chinensis n. sp. China. **Girty**, G. H. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 33, 1907, (37-41).

Metriophyllum. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Michelineia favositoides n. sp. China. **Girty**, G. H. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 33, 1907, (37-41).

Microcyclus. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Pachypora. **Sobolev**, D. *l.c.*

Phillipsastrea. **Sobolev**, D. *l.c.*

Pleurodictyum lenticulare var. *laurentinum* var. n. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (289-291).

Streptelasma rectum, development. **Brown**, T. C. Amer. J. Sci., 23, 1907, (277-284, with text fig.).

Striatopora. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Stromatopora concentrica. **Sobolev**, D. *l.c.*

Zaphrentis polonica n. sp. **Sobolev**, D. *l.c.*

0831.60 MESOZOIC (GENERAL).

Cladocoropsis n. gen., *C. mirabilis* n. sp. Dalmazien. **Felix**, J. Leipzig, SitzBer. natf. Ges., 33, 1907, (3-10).

0831.65 TRIASSIC.

Montlivaltia molukkana n. sp. Molukken. **Wanner**, J. N. Jahrb. Min., Beilagebd 24, 1907, (182).

Pachypora intabulata n. sp. Ostindien. **Wanner**, J. *l.c.* (184).

0831.70 JURASSIC.

Cyathophora d'chyhi n. sp. **Papp**, K. Kaukasus, 3, 1907, (151).

0831.75 CRETACEOUS.

Acanthocoenia cerioi n. sp. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., 12, Mem. 16, 1905.

Amphiastraea walteri n. sp. Venassino. **Angelis d'Ossat (De)**, G. *l.c.*

Aplosmilia vidali n. sp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., 11, 1905, (214-216).

Aulastraea bassanii n. sp. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12**, Mem. 16, 1905.

Azosmilia nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (167-251).

Brachyphyllia haueri (Reuss). **Angelis d'Ossat (De)**, G. l.c. (199-202).

Caryophyllia. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175).

Chaetetes nn. spp. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12**, Mem. 16, 1905.

Cladocora gabriellinae n. sp. Catalogna. **Angelis d'Ossat (De)**, G. Palaeontogr. ital., **11**, 1905, (169-251, con tav.).

Coeloria oceani (D'Orb). **Angelis d'Ossat (De)**, G. t.c. (205).

Convexastraea almerai n. sp. Catalogne. **Angelis d'Ossat (De)**, G. t.c. (169-251).

Cryptocoenia picteti Koby. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12**, Mem. 16, 1905, (1-46, con tav.); Palaeontogr. ital., **11**, 1905, (210-214).

Cyathophora de-lorenzoii n. sp. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12**, Mem. 16, 1905, (39-40).

Dendrogyra kobyi n. sp. Venassino. **Angelis d'Ossat (De)**, G. t.c. (32-33).

Dimorphastraea crassisepta var. *subcrassisepta* n. var. Sarroca. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (185-187).

——— *lorioli*, Koby. **Angelis d'Ossat (De)**, G. Napoli, Atti Mem. sc. fis. mat., **12**, Mem. 16, 1905, (14-16).

Epismilia nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (227-230).

Eugyra pusilla var. *pauciseptata* n. var. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12**, Mem. 16, 1905, (35-37).

Heterocoenia verrucosa, Reuss. **Angelis d'Ossat (De)**, G. t.c. (1-46, con tav.).

Hydnophora oppenheimi n. sp. Venassino. **Angelis d'Ossat (De)**, G. t.c. (26-27).

(K-1769)

Hydnophoropsis. **Felix**. Leipzig, SitzBer. natf. Ges., **30-31**, 1905, (20-23).

Latimaeandraraea nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (187-192).

Montlivaultia spp. **Angelis d'Ossat (De)**, G. t.c. (169-251).

——— *széchenyii* n. sp. **Papp**, K. Kaukasus, **3**, 1907, (152).

Paracyathus vaughani n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (270-279).

Peplosmilia nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (238-243).

Phyllocoenia spp. **Angelis d'Ossat (De)**, G. t.c. (206-209).

Platycyathus. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Pleurosmilia nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. Paleontogr. ital., **11**, 1905, (232-236).

——— *di-stefanoi* n. sp. Venassino. **Angelis d'Ossat (De)**, G. Napoli, Atti Acc. sc., **12** Mem. 16, 1905, (40-42).

Stylina nn. sp. Venassino. **Angelis d'Ossat (De)**, G. t.c. (1-45).

Thamnastraea favrei, Koby. **Angelis d'Ossat (De)**, G. t.c. (14).

——— *stricta* From. **Angelis d'Ossat (De)**, G. Palaeontogr., **11**, 1905, (182).

Thecosmilia catalannica n. sp. Catalogna. **Angelis d'Ossat (De)**, G. t.c. (198).

Trochasmilia nn. spp. Catalogna. **Angelis d'Ossat (De)**, G. t.c. (218-227).

——— *plani alpici* n. sp. **Répin**, J. Ann. Mus., Marseille, **10**, 1907, (13, pl. 1, figs. 1-7).

0831.85 LOWER CAENOZOIC
Eocene, Oligocene.

Kerunia cornuta. **Oppenheim**, P. Centralbl. Min., 1907, (751-760).

0831.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Dollfus, G. F. Hydrozoaires fossiles. Paris, Bul. soc. géol., **6**, 1907, (121-128).

1031 ECHINODERMATA.

1031.39 GENERAL.

GENERAL.

Stromer, E. Struktur des Hautskelettes einiger Cystoideen. Centralbl. Min., 1907, (236-238).

SPECIAL.

Ortmannia n. nom. pro *Lahillea* de Loriol. **Cossmann.** Rev. crit. paléozool., **10**, 1906, (78); [preocc. Rathbun], (131).

Rhabdocidaris nn. spp. **Savin, L.** Grenoble, Bul. soc. stat. sci. nat., **6**, 1902, (1-23).

1031.45 PALAEOZOIC (GENERAL).

Archaeasterias rhenana. **Schöndorf, F.** Centralbl. Min., 1907, (741-750).

Botryocrinus. **Bather, F. A.** Ottawa, Nat., **20**, (93-105).

Codaster superbus n. sp. Missouri, **Rowley, R. R.** Amer. Geol., **35**, 1905, (301-309).

Cyathocrinus formosus n. sp. Missouri. **Rowley, R. R.** l.c.

Lophoblastus pentagonus n. sp. Missouri. **Rowley, R. R.** l.c.

Steganoblastus ottawaensis. **Whit-eaves, J. F.** Geol. Surv. Can., Pal. Fossils, **3**, 1906, (316).

1031.50 LOWER PALAEOZOIC.

Archaeocrinus delicatus n. sp. New York. **Hudson, G. H.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (125-131).

Blastoidocrinus carchariaedens Billings, redescribed. **Hudson, G. H.** t.c. (119-124).

Deocrinus n. gen. (type *Rhodocrinus asperatus* Billings). **Hudson, G. H.** l.c.

Hercocrinus n. gen., *H. elegans* *H. ornatus* nn. spp. **Hudson, G. H.** t.c. (125-131).

Pachyocrinus crassibasalis Billings, redescribed. **Hudson, G. H.** t.c. (119-124).

Parablastoidea n. ord. for *Blastoidocrinus carchariaedens* Billings. **Hudson, G. H.** l.c.

1031.55 UPPER PALAEOZOIC.

GENERAL.

Clarke, J. M. With regard to Portage crinoids. Amer. Geol., **35**, 1905, (246-247).

SPECIAL.

Archaeocidaris pizzulana n. sp. Carnian Alps. **Gortani, M.** Roma, Boll. Soc. geol. ital., **24**, 1905, (586).

Spaniaster latiscutatus. **Schöndorf, F.** Wiesbaden, Jahrb. Ver. nat., **60**, 1907, (170-176).

1031.70 JURASSIC.

Acrosalenia guebhardi n. sp. St. Cézaire. **Lambert, J. et Savin, L. H.** Nice, Ann. soc. let. sci., **20**, 1906, (67-68).

Circopeltaris n. gen. (= *Circopeltis* Pomel pro parte) type *C. baicheri* Cotteau. **Valette, A.** Auxerre, Bul. soc. sci. nat., **60**, 1907, (117).

Clitopygus strictestellatus n. sp. Yonne. **Valette, A.** t.c. (147).

Collyrites spp. **Campana (Del), G.** Firenze, Pubbl. Ist. stud. sup. sez. sc. fis. nat., n. **28**, 1905.

———— nn. spp. Yonne. **Valette, A.** Auxerre, Bul. soc. sci. nat., **60**, 1907, (139-140).

Diademopsis lamberti n. sp. Italy. **Airaghi, C.** Milano, Atti Soc. ital. sci. nat., **44**, 1905, (1).

Diplopodia nn. spp. Yonne. **Valette, A.** Auxerre, Bul. soc. sci. nat., **60**, 1907, (134-136).

Hemipedina tramensis n. sp. Yonne. **Valette, A.** t.c. (114).

Mesodiadema angeliacense n. sp. Yonne. **Valette, A.** t.c. (107).

———— *lamberti* n. sp. Italy. **Airaghi, C.** Milano, Atti. Soc. ital. sc. nat., **44**, 1905, (2, pl. i.).

Metaporhinus convexus Cat. **Campana** (Del), G. Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat. n. **28**, 1905.

Plegiocidaris nn. spp. Yonne. **Valette**, A. Auxerre, Bul. soc. sci. nat., **60**, 1907, (119, 153).

Polyplodia n. gen. (*Pseudoplodia* Valette pro parte) type *Diadema versipora* Phillips. **Valette**, A. t.c. (61).

Psephechnus plesioplacenta. Yonne. **Valette**, A. t.c. (90).

Rhabdocidaris caucasica n. sp. **Papp**, Th. Kaukasus, **3**, 1907, (153).

Sphaerites. **Schöndorf**, F. Arch. Biont., **1**, 1906, (245-306, mit 2 Taf.).

Trochotiara marechali n. sp. Yonne. **Valette**, A. Auxerre, Bul. soc. sci. nat., **60**, 1907, (132).

1031.75 CRETACEOUS.

Apiocrinus sp. ind. **Airaghi**, C. Riv. Ital. paleont., **11**, 1905, (84).

Cardiaster patagonicus n. sp. Südpatagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (4).

———— *smocki* Clark n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (292-311).

Catopygus rohlfii n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (87).

———— *williamsi* Clark n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (292-311).

Cidaris, spp. **Airaghi**, C. Riv. Ital. paleont., Perugia, **11**, 1905, (84-85, pl. 1.).

———— **Bogdanovič**, K. I. St. Peterburg Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Res. 137-175).

Cyphosoma. **Bogdanovič**, K. I. l.c.

Discoidea nachtigali n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (86).

Hemiaster. Agass. ? spec.; **Etheridge** fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (68, pl. II, figs. 13-14).

———— nn. spp. Clark. New Jersey. **Weller**, S. New Jersey Geol. Surv. Paleont. Ser., **4**, 1907, (292-311).

Hemiaster steinmanni n. sp. Peru. **Neumann**, R. N. Jahrb. Min., Beilagebd **24**, 1907, (95).

Hemicidaris caprensis n. sp. Capri. Riv. ital. paleont., **11**, 1905, (87, pl. i).

Lampadocorys dallagoi Air. **Airaghi**, C. Milano, Atti Soc. ital. Sc. nat., **45**, 1906, (107-110, con 1 tav.).

Orthopsis sp. ind. **Airaghi**, C. Riv. Ital. paleont., **11**, 1905, (90, pl. i.).

———— *miliaris* Cott. **Parona**, C. F. Roma, Rend. Acc. Lincei, **15**, 1906, 1° sem. (160-164).

Paronaster n. gen. *P. cupuliformis* n. sp. **Airaghi**, C. Milano, Atti Soc. ital. Sc. nat., **45**, 1906, (107-110, con 1 tav.).

Pentaceros asperulus n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv. Paleont. Ser. **4**, 1907, (270-279).

Pentagonaster browni n. sp. Wyoming. **Weller**, S. J. Geol., **13**, 1905, (257-258, with text fig.).

Plegiocidaris gourdonensis n. sp. Alpes Marit. **Savin**, L. H. et **Lambert**, J. Nice, Ann. soc. let. sci., **20**, 1906, (96-97).

Pseudocidaris spp. **Airaghi**, C. Riv. Ital. paleont., **11**, 1905, (88-89).

Pygorhynchus tripolitanus n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (89).

Rhabdocidaris cerioi n. sp. Capri. **Airaghi**, C. Riv. ital. paleont., **11**, 1905, (87, pl. i).

Rhizocrinus cylindricus n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (270-279).

Salenia n. sp. **Parona**, C. F. Roma, Rend. Acc. Lincei, **15**, 1906, 1° sem. (160-164).

———— *prestensis* Des. **Airaghi**, C. Riv. ital. paleont., **11**, 1905, (89, pl. i).

Schizaster deletus n. sp. Südpatagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (53).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Brissopsis sismondiae Agass. **Airaghi**, C. Milano, Atti Soc. ital. sc. nat., **44**, 1905, (3, pl. i).

Conoclypeus caudatus n. sp. Italy.
Airaghi, C. t.c. (5, pl. i).

Cyclaster zinae n. sp. Italy. Airaghi,
C. t.c. (8, pl. i).

Echinanthus subrotundus (Cott.).
Airaghi, C. t.c. (6, pl. i).

Echinolampas prunus n. sp. Italy.
Airaghi, C. t.c. (7, pl. i).

Schizaster mirabilis n. sp. Italy,
Airaghi, C. t.c. (9, pl. i).

1031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Antedon rhodanicus Font. Airaghi,
C. Torino, Atti Soc. ital. sc. nat.,
40, 1905, (45).

Arbacina tenera De Lor. Airaghi, C.
t.c. (47).

Brissus oblongus Wright. Airaghi, C.
Milano, Atti Soc. ital. sc. nat., 44, 1905,
(217).

Cidaris spp. Airaghi, C. Torino,
Atti Acc. sc., 1905, 40, (46).

Clypeaster, spp. Airaghi, C. Milano,
Atti Soc. ital. sc. nat., 44, 1905, (212-
214).

———— spp. Airaghi, C. Torino,
Atti Acc. sc., 40, 1905, (48-49).

Conolampas plagiosomus Ag. Airaghi,
C. t.c. (52).

Echinocyamus nn. spp. Sardegna.
Capeder, G. Roma, Boll. Soc. geol. ital.,
25, 1906, (495-534).

———— *studerii* Sism. E. Airaghi,
C. Torino, Atti Acc. sc., 40, 1905, (48).

Echinolampas spp. Airaghi, C.
t.c. (52-53).

———— *hemisphaericus* Agass.
(Lam). Airaghi, C. Milano, Atti Soc.
ital. sc. nat., 44, 1905, (214).

Fibularia nn. spp. Sardegna.
Capeder, G. Roma, Boll. Soc. geol.
ital., 25, 1906, (495-534).

Hemiaster ovatus (Sism.) Air. Airaghi,
C. Milano, Atti Soc. ital. sc. nat., 44,
1905, (216).

Heteroclypus semiglobus Cott. (Lam).
Airaghi, C. t.c. (214).

Marettia saccoi n. sp. Umbria.
Airaghi, C. Torino, Atti Acc. Sc., 40,
1905, (53).

Pentacrinus gastaldii Michtti. Ai-
raghi, C. t.c. (45).

Pliolampas silvestrii n. sp. Umbria.
Airaghi, C. t.c. (51).

Schyzaster scillae (Des Moul). Airaghi,
C. Milano, Atti Soc. ital. sc. nat., 44,
1905, (216).

Sphaeraster molassicus. Schöndorf,
F. Centralbl. Min., 1907, (313-317).

1031.95 PLEISTOCENE AND
RECENT.

Arbacina pallaryi Gaut. Checchia-
Rispoli, G. Naturalista Sicil., 17,
1905, (estr. n. 11. 1-6, con fig.).

Strongilocentrotus sp. Neviani, A.
Roma, Boll. Soc. geol. ital., 24, 1905,
(165-168, con fig.).

1831 VERMES.

1831.39 GENERAL.

Ardt, T. Ausbreitung der terricolen
Oligochäten im Laufe der erdgeschicht-
lichen Entwicklung des Erdreliefs.
Zool. Jahrb., Syst., 26, 1908, (285-318).

1831.55 UPPER PALAEOZOIC.

Tentaculites schlotheimi. Sobolev, D.
Varšava, Izv. polytechn. Inst., 1904, 2,
(81-107, mit 10 Taf.).

1831.75 CRETACEOUS.

Ditrupa antarctica n. sp. Patagonien.
Wilckens, O. Freiburg i. B., Ber. natf.
Ges., 15, 1907, (56).

Hamulus lineatus n. sp. New Jersey.
Weller, S. New Jersey, Geol. Surv.,
Paleont. Ser., 4, 1907, (292-311).

Serpula nn. spp. New Jersey,
Cretaceous. Weller, S. l.c.

———— *pinchiniana* var. *um-
sinenensis* var. nov. Etheridge, fil.
Pietermaritzburg, Rep. Surv. Natal
Zulul., 1907, (18, pl. i, figs. 1-6).

Spirorbis patagonica n. sp. Pata-
gonien. Wilckens, O. Freiburg i. B.,
Ber. natf. Ges., 15, 1907, (56).

2031 BRACHIOPODA AND
BRYOZOA.

BRACHIOPODA.

2031.39 GENERAL.

Rhynchonella nn. spp. **Bochen, G.** Palaeontographica, 1907, Suppl. IV, Lfg 2, (47-120).

2031.45 PALAEOZOIC (GENERAL).

Foerste, A. F. Distribution of Brachiopoda in the Arnheim and Waynesville beds. Amer. Geol., Minn., 36, 1905, (244-250).

2031.50 LOWER PALAEOZOIC.

Atrypa paradoxa n. sp. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (213-306).

Camarotoechia nn. spp. Manitoba. **Whiteaves, J. F.** Geol. Surv. Can., Pal. Fossils, 3, 1906, (272-273).

Chonetes subgibbosa n. sp. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (213-306).

Clitambonites chinensis n. sp. China. **Weller, S.** Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (557-559).

Dalmanella fritschi n. sp., *D. praecursor* var. *sulcata* n. var. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (213-306).

Dielasma nn. spp. Ostalpen. **Scupin, H. l.c.**

Hemipronites tenuistriata n. sp., China. **Weller, S.** Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (557-559).

Karpinskia tschernychevi n. sp. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (213-306).

Nucleospira frechi n. sp. Ostalpen. **Scupin, H. l.c.**

Orthis nn. spp. Leptaenakalk. **Wiman, C.** Ark. Zool., 3, No. 24, 1907, (9-11, with pl.).

Orthisina complectens n. sp. Leptaenakalk. **Wiman, C. t.c.** (11-12, with pl.).

Plectrothis willisi n. sp., China. **Weller, S.** Washington, Smithson. Inst., U.S. Nation. Mus., Proc., 32, 1907, (557-559).

Retzia canalifera n. sp. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (213-306).

Rhynchonella nn. spp. Ostalpen. **Scupin, H. l.c.**

Rhynchospira lowi n. sp. Manitoba. **Whiteaves, J. F.** Geol. Surv. Can., Pal. Fossils, 3, 1906, (277-278).

Scenidium oelandicum n. sp. Leptaenakalk. **Wiman, C.** Ark. Zool., 3, No. 24, 1907, (7, with pl.).

Spirifer nn. spp. Ostalpen. **Scupin, H.** Berlin, Zs. D. geol. Ges., 53, 1906, (213-306).

Strophomena frechi n. sp. Ostalpen. **Scupin, H. l.c.**

Triplecia plicata n. sp. Leptaenakalk. **Wiman, C.** Ark. Zool., 3, No. 24, 1907, (12-13, with pl.).

2031.55 UPPER PALAEOZOIC.

Athyris spp. **Caneva, G.** Roma, Boll. Soc. geol. ital., 25, 1906, (427-452).

———— **Sobolev, D.** Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

———— *hera* n. sp. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus., Bull., No. 107, 1907, (238-253).

———— *depressa* n. sp. **Sobolev, D.** Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Beachia amplexa n. sp. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus., Bull., No. 107, 1907, (238-253).

Bifida lepida. **Sobolev, D.** Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Camarophoria. **Sobolev, D. l.c.**

Chonetes. **Sobolev, D. l.c.**

———— nn. spp. Maine and Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (253-267).

Cryptonella elli n. sp. Quebec. **Clarke, J. M. t.c.** (234-237).

Cyrtina chalazia n. sp. Maine and Quebec. **Clarke, J. M.** *t.c.* (253-267).

———— *heteroclita*. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Dalmanella nn. spp. Quebec and Maine. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (284-289).

Dielasma. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Gaspesia n. gen. (type *Orthis aurelia* Billings). Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (277-284).

Glossina acer n. sp. Quebec. **Clarke, J. M.** *t.c.* (284-289).

Hipparionyz minor n. sp. Maine. **Clarke, J. M.** *t.c.* (277-284).

Kayserella. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Kayseria lens. **Sobolev, D.** *l.c.*

Leptaena scalensis n. sp. **Sobolev, D.** *l.c.*

Leptostrophia tardifi n. sp. Quebec. *L. magnifica* var. *parva* n. var. Maine. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (268-275).

Lingula elliptica n. sp. Quebec, Devonie. **Clarke, J. M.** *l.c.* (284-289).

Martinia inflata; **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Meekella vinassai n. sp. Carnian Alps. **Gortani, M.** Roma, Boll. Soc. geol. ital., **24**, 1905, (536).

Megalanteris thunii n. sp. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus., Bull., No. **107**, 1907, (238-253).

Merista plebeja. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1906**, **2**, (81-107, mit 10 Taf.).

Meristella champlaini n. sp. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus., Bull., No. **107**, 1907, (238-253).

Notothyris gibba n. sp. **Gortani, M.** Palaeontogr. ital., **12**, 1906, (48).

———— *willisiana* n. sp. China. **Girty, G. H.** Washington, Smithsonian

Inst., U. S. Nation. Mus., Proc., **33**, 1907, (41-47).

Nucleospira lens. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Ombonia n. gen. **Caneva, G.** Roma, Boll. Soc. geol. ital., **25**, 1906, (427-452).

Orbiculoidea montis n. sp. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (284-289).

Orthis, **Sobolev, D.** Varšava. *Izv. polytechn. Inst.*, **1904**, **2**. (81-107, mit 10 Taf.).

Orthostrophia canadensis n. sp. Quebec and Maine. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (284-289).

Orthotetes expansus n. sp. Carnian Alps. **Gortani, M.** Roma, Boll. Soc. geol. ital., **24**, 1905, (534).

———— *woolworthanus gaspensis* mut. n. Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (277-284).

Paraphorhynchus n. gen. *P. elongatum* *P. transversum* nn. spp. Kinderhook. **Weller, S.** St. Louis, Mo., Trans. Acad. Sci., **15**, 1905, (259-264).

Pentamerus. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Productella subaculeata. **Sobolev, D.** *l.c.*

Rensselaeria nn. spp. and 1 n. var. Eastern Canada and Maine. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull. No. **107**, 1907, (238-253).

———— *mainensis* n. sp. Maine. **Williams, H. S.** Washington Smithsonian. Inst. U. S. Nation. Mus. Proc. **32**, 1907, (267-269, with text fig.).

Reticularia. **Sobolev, D.** Varšava, *Izv. polytechn. Inst.* **1904**, **2**, (81-107, mit 10 Taf.).

Rhipidomella nn. spp. Eastern Canada and Maine. **Clarke, J. M.** Albany N.Y. St. Educ. Dept. Mus. Bull. No. **107**, 1907, (277-284).

Rhynchonella nn. spp. **Gortani, M.** Palaeontogr. ital., **12**, 1906, (37-39).

———— *scalensis* n. sp. **Sobolev, D.** Varšava. *Izv. polytechn. Inst.*, **1904**, **2**, (81-107, mit 10 Taf.).

Schizophoria amii n. sp. Quebec.
Clarke, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (284-289).

Skenidium. **Sobolev, D.** Varšava. Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Spirifer nn. spp. Maine. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (253-267).

———— *blackwelderi* n. sp. China.
Girty, G. H. Washington, Smithsonian Inst., U. S. Nation. Mus., Proc., 33, 1907, (41-47).

———— (*Martinia*) *giganteus* n. sp. Italia. **Caneva, G.** Roma. Boll. Soc. geol. ital., 25, 1906, (427-452).

———— *prumiensis* n. sp. **Drevermann, F.** Frankfurt a. M., Ber. Senckenb. Ges., 1907, (125).

———— *puschi* n. sp. **Sobolev, D.** Varšava. Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Spiriferina taramelli n. sp. **Gortani, M.** Riv. ital. Palcont., 12, 1906, (93-131).

Streptorhynchus (?) *orthisinaeformis* n. sp. **Sobolev, D.** Varšava. Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Stringocephalus. **Sobolev, D.** l.c.

Stropheodonta. **Sobolev, D.** Varšava. Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

———— nn. spp. nn. varr. New Brunswick and Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (268-275).

———— *steiningeri* n. sp. **Drevermann, F.** Frankfurt a. M., Ber. Senckenb. Ges., 1907, (127).

Strophonella continens n. sp., Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (268-275).

Terebratula nn. spp. **Gortani, M.** Palaeontogr. ital., 12, 1906, (43-45).

Trematospira perforata var. *atlantica* n. var. Maine and Quebec. **Clarke, J. M.** Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (253-267).

2031.65 TRIASSIC.

Koninckina alfurica n. sp. Ostindien. **Wanner, J.** N. Jahrb. Min., Beilagebd 24, 1907, (185).

Rhynchonella plurigibba n. sp. Montenegro. **Martelli, A.** Palaeontogr. ital., 12, 1906, (120-121).

2031.70 JURASSIC.

Rhynchonella nn. spp. **Martelli, A.** Roma, Boll. Soc. geol. ital., 25, 1906, (281-320).

———— nn. spp. Italia. **Piaz (Dal), G.** Basel, Abh. Schweiz Pal. Ges., 33, Mem. 3, 1906, (1-64, con tav.).

———— *lacunose* var. *maroccanica* n. var. Maroc. **Gentil, L. et Lemoine, P.** Paris, C. R. ass. franç. avanc. sci., 34, 1906, (331-340).

Spiriferina di-stefanoi n. sp. Italia. **Piaz (Dal), G.** Basel, Abh. Schweiz. Pal. Ges., 33, Mem. 3, 1906, (1-64, con tav.).

Tetebtratula. **Lehmann, V.** St. Peterburg, Trav. Soc. nat., 34, 1906, (191-217; rés. fr. 217-221).

———— *cernagorensis* n. sp. **Martelli, A.** Roma. Boll. Soc. geol. ital., 25, 1906, (281-320).

———— *synophrys* var. *polyptycta* n. var. **Piaz (Dal), G.** Italia. Basel, Abh. Schweiz Pal. Ges., 33, Mem. 3, 1906, (1-64, con tav.).

———— *undosa* n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., 41, 1905.

Waldheimia nn. spp., nn. varr. Italia. **Piaz (Dal), G.** Basel, Abh. Schweiz Pal. Ges., 33, Mem. 3, 1906, (1-64, con tav.).

Zeilleria nn. spp. **Lehmann, St.** Peterburg, Trav. Soc. nat., 34, 1906, (200-202).

———— *avellana* n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., 41, 1905.

2031.75 CRETACEOUS.

Crania barthi n. sp. Tripoli. **Kumbeck, L.** Palaeontographica, 53, 1906, (92).

Lingula bagualensis n. sp. Patagonien. Wilcken. Freiburg i. B., Ber. natf. Ges., 15, 1907, (52).

Terebratulina Bogdanovič, K. I. St. Peterburg, Mem. Com. géolog., 26, 1906, (I-VI, 1)-136; deutsch. Rés. 137-175).

2031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Cistella arthonensis n. sp. Loire inférieure. Cossmann, M. Nantes, Bul. soc. sci. nat., 5, 1905, (135-189); 6, 1906, (189-318).

Terebratulina brundidgensis n. sp. Alabama. Aldrich, T. H. Nautilus, 21, 1907, (8-10).

2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Terebratella gigantea n. sp. Patagonia. Ortmann, A. E. Rep. Princeton Univ. Exp. Patagonia, 4, 1902.

BRYOZOA.

2031.39 GENERAL.

GENERAL.

Neviani, A. Briozoi fossili e viventi illustrati da ambrozio Soldani nell'opera Testaceographia ai zoolphytographia parva et microscopica: 1789-1798. Roma, Boll. Soc. geol. ital., 25, 1906, (765-785).

SPECIAL.

Bryocryptella n. nom. pro. *Cryptella* Jullien. Cossmann, Rev. crit. paléozool, 10, 1906, (196).

2031.45 PALAEOZOIC (GENERAL).

Fistulipora Willisiana n. sp. China. Girty, G. H. Washington Smithsonian Inst., U. S. Nation. Mus. Proc., 33, 1907, (41-47).

2031.50 LOWER PALAEOZOIC.

Amplexopora persimilis n. sp. Kentucky and Ohio. Nickles, J. M. Kentucky Geol. Surv., Bull., No. 5, 1905, (43-47).

Batostoma maysvillensis n. sp. Kentucky and Ohio. Nickles, J. M. t.c. (48-52).

Coenitidae n. fam., *Coenites repens* Walhleb. Synonyms and description, *C. variabilis* n. sp. Hennig, A. Ark. Zool., 3, No. 10, 1906, (26-56, with pl.).

Fenestella mobergi n. sp. Gothland. Hennig, A. t.c. (5-7, with pl.).

Helopora lindströmi Utr. Description. Gothland. Hennig, N. t.c. (19-23, with pl.).

Heterotrypa joerstel n. sp., Kentucky. Nickles, J. M. Kentucky Geol. Surv., Bull. No. 5, 1905, (48-52).

Homotrypella norwoodi n. sp. Kentucky. Nickles, J. M. t.c. (43-47).

Peronopora milleri n. sp. Kentucky. Nickles, J. M. t.c.

Polypora pentagonalis n. sp. Gothland. Hennig, A. Ark. Zool., 3, No. 10, 1906, (12-14, with pl.).

Semicoscium balticum n. sp. Gothland. Hennig, A. t.c. (7-11, with pl.).

Sphragiopora silurica n. sp. Gothland. Hennig, A. t.c. (17-18, with pl.).

Stomatopora minor n. sp. Gothland. Hennig, A. t.c. (24-25, with pl.).

Thamiscus törnqvisti n. sp. Gothland. Hennig, A. t.c. (15-17, with pl.).

2031.55 UPPER PALAEOZOIC.

GENERAL.

Condra, G. E. The Coal measure Bryozoa of Nebraska. Nebraska Geol. Surv., 2, Pt. 1, 1903, (1-168, with pl., map, tables).

SPECIAL.

Batostomella meekana n. sp. China. Girty, G. H. Washington, Smithsonian Inst., U. S. Nation. Mus., Proc., 33, 1907, (41-47).

Fistulipora waageniana n. sp. China. Girty, G. H. t.c.

Geinitzella chinensis n. sp. China. Girty, G. H. t.c.

Hederella blainvillii n. sp. Quebec. Clarke, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (289-291).

2031.75 CRETACEOUS.

Berenicea americana Ulrich and Bassler n. sp. New Jersey. Weller, S. New Jersey, Geol. Surv., Paleont. Ser., 4, 1907, (314-327).

Bisidmonea gabbiana Ulrich and Bassler n. sp. New Jersey. Weller, S. l.c.

Ceripora. Bogdanovič, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Discocytis eccentrica Ulrich and Bassler n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (314-327).

Escharinella altimuralis Ulrich and Bassler n. sp. New Jersey. Weller, S. l.c. (339-363).

Filisparsa bifurcata Ulrich and Bassler n. sp. New Jersey. Weller, S. l.c. (314-327).

Membranipora nn. spp., Ulrich and Bassler. New Jersey. Weller, S. l.c. (335-336).

Micropora nn. spp. Ulrich and Bassler. New Jersey. Weller, S. l.c. (339-363).

Microporella sparsipora Ulrich and Bassler, n. sp. New Jersey, Cretaceous. Weller, S. l.c.

Platidia cretacea n. sp. New Jersey. Weller, S. l.c.

Stomatopora nn. spp. Ulrich and Bassler. New Jersey. Weller, S. l.c. (314-327).

2031.80 CAENOZOIC (TERTIARY) (GENERAL).

Adeonella punctata n. sp. Canu, F. Ann. paléont., 2, 1907, (45, pl. vi, fig. 2).

Cribrilina subpunctata n. sp. Canu, F. l.c. (42, pl. vi., fig. 16).

Diplodidymia nn. spp. Canu, F. l.c. (39-40, pl. v, figs. 6, 8-10).

Farcimia nn. spp. Canu, F. l.c. (17-19, pl. ii, figs. 1-4, 21-29, 34-35).

Gaudryanella variabilis n. sp. Canu, F. l.c. (38, pl. v, figs. 17-20).

Heterocella n. gen. (type = *Vincularia fragilis* DeFrance), *H. monstrosa*, *H. subsymmetrical*, *H. polymorpha*. Canu, F. l.c. (15-17, pl. ii, figs. 1-3, 11-20).

Lunulites nn. spp. Canu, F. l.c. (28-29, pl. iv, figs. 15-18).

Membranipora nn. spp. Canu, F. l.c. (5-11, pl. i, figs. 7-8, 10-12, 15).

Onychocella nn. spp. Canu, F. l.c. (22-24, pl. iii, figs. 1-3, 8-10, pl. iv, figs. 1-3).

Poricella elongata n. sp. Canu, F. l.c. (46, pl. vi, fig. 8).

Poristoma incisa n. sp. Caun, F. l.c. (53, pl. vi, figs. 12-13).

Rhagasostoma nn. spp. Canu, F. l.c. (34-35, pl. v, figs. 1, 11, 16).

Setosella cellarioides n. sp. Canu, F. l.c. (36, pl. v, fig. 5).

Smittipora cellarioides n. sp. Canu, F. l.c. (25, pl. iii, fig. 4).

Tremopora levinseni n. sp. Canu, F. l.c. (12, pl. i, fig. 13).

Vibracella orbicularis n. sp. Canu, F. l.c. (32, pl. iv, figs. 12-14).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Lepralia almerai n. sp. Spagna. Neviani, A. Roma, Boll. Soc. geol. ital., 24, 1905, (160).

Porella eocaena n. sp. Spagna. Neviani, A. l.c. (162).

Smittia (Mucronella) de-angelisi n. sp. Spagna. Neviani, A. l.c. (161).

2231 MOLLUSCA.

GENERAL.

2231.70 JURASSIC.

Parona, C. F. Sulla fauna e sulla età dei calcari a megalodontidi delle cave di Trevi. (Spoleto) Torino, Atti Acc. sc., 41, 1906, (165-171).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Bogačev, V. Nouvelles espèces de mollusques des dépôts miocènes aux environs de Novotcherkassk. (Russ.) St. Peterburg, Bull. Com. géolog., 24, 1905, (159-181; rés. fr. 181-185, av. 2 pls.).

CEPHALOPODA.

2231.39 GENERAL.

Barrandeoceras, Canadian spp. **Whiteaves**, J. F. Ottawa, Geol. Surv. Can., Pal. Fossils, **3**, 1906, (299-312).

Belemnites nn. spp. **Boehm**, G. Palaeontographica, **1907**, Suppl. IV, Lfg 2, (47-120).

Macrocephalites nn. spp. and 1 n. var. **Boehm**, G. *l.c.*

Oppelia galoi n. sp. **Boehm**, G. *l.c.*

Orthoceras, Anfangskammer. **Počta**, P. Centralbl. Min., **1907**, (527-528).

Peltoceras tjapalului n. sp. **Boehm**, G. Palaeontographica, **1907**, Suppl. IV, Lfg 2, (47-120).

Perisphinctes nn. spp. **Boehm**, G. *l.c.*

Phylloceras nn. spp. **Boehm**, G. *l.c.*

Plectoceras, Canadian spp. **Whiteaves**, J. F. Ottawa, Geol. Surv. Can., Pal. Fossils, **3**, 1906, (299-312).

Psiloceras planorbe. **Nicklès**, R. Nancy, Bul. soc. sci., **7**, 1906, (218-221).

Ryncholithes o *Rynchoteuthis*. **Bortolotti**, C. Riv. ital. paleont., **11**, 1905, (121-124).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras (?) *cuneatum* n. sp. Canada. **Whiteaves**, J. F. Geol. Surv. Can. Pal. Fossils, **3**, 1906, (282); Notes, Ottawa Nat., **20**, 1906, (133-134).

Nanno nn. spp. Ontario. **Whiteaves**, J. F. Amer. Geol., **35**, 1905, (23-30, with 2 pl.).

Spyroceras meridionale n. sp. Canada. **Whiteaves**, J. F. Geol. Surv. Can. Pal. Fossils, **3**, 1906, (281).

2231.55 UPPER PALAEOZOIC.

Cyrtoceras albani n. sp. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (175-178).

Gomphoceras nn. spp. Wisconsin. Wisconsin Natural History Survey, J. Geol., **15**, 1907, (461-469).

Gyroceras eryx Hall n. sp. Wisconsin. Wisconsin Natural History Survey. *l.c.*

Kionoceras nn. spp. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (175-178).

Orthoceras norumbegae n. sp. Maine. **Clarke**, J. M. *l.c.*

Pleuronautilus darini n. sp. Italia. **Caneva**, G. Roma, Boll. Soc. Geol. ital., **25**, 1906, (427-452).

2231.60 MESOZOIC (GENERAL).

Acanthoceras nn. spp. **Pervinquieré**, L. Etudes paléont. tunisienne, **1**, 1907, (262, 270, 274, 282, 284, 285, 298, pls. xii, xiv-xvi, figs. 1-3, 7-9, 12-13).

Ammonites (*Mortoniceras*?) *machueli* n. sp. **Pervinquieré**, L. *t.c.* (247, pl. ix, figs. 19-20).

Aspidoceras nn. spp. **Pervinquieré**, L. *t.c.* (31-33, pl. ii, figs. 1-3).

Baculites paradoxus n. sp. **Pervinquieré**, L. *t.c.* (94, pl. iv, figs. 10-11).

Barroisiceras romicuxi n. sp. **Pervinquieré**, L. *t.c.* (383, pl. xii, fig. 12).

Bostrychoceras punicum n. sp. **Pervinquieré**, L. *t.c.* (205, pl. iv, figs. 20-21).

Brancoeras zrissense n. sp. **Pervinquieré**, L. *t.c.* (p. 225, pl. xi, figs. 17-18).

Desmoceras nn. spp. **Pervinquieré**, L. *t.c.* (131, 136, pl. v, figs. 13-15, 25).

Engonoceras nn. spp. **Pervinquieré**, L. *t.c.* (202, 205, pl. ix, figs. 6 & 7).

Fagesia n. gen., type *Olcostephanus superstes* Kossmat. 1898, with nn. varr., *F. peroni*, *F. fleurys* nn. spp. **Pervinquieré**, L. *t.c.* (323, 329-330, pl. XX, figs. 2, 4, 7-9).

Flickia n. gen., *F. simplex* n. sp., **Pervinquieré**, L. *t.c.* (212, 214, pl. ix, figs. 2-5).

Forbesiceras flicki n. sp. **Pervinquieré**, L. *t.c.* (112, pl. v, fig. 12).

Hamites (*Anisoceras*?) *auberti* n. sp. **Pervinquieré**, L. *t.c.* (85, pl. iii, fig. 32).

Hemitissotia galeppi n. sp. **Pervinquieré**, L. *t.c.* (359, pl. xxv, fig. 1).

Hoplites nn. varr. **Pervinière**, L. t.c. (37-38, pl. ii, figs. 12-13).

————— (*Kilianella* ?) *matho* n. sp. **Pervinière**, L. t.c. (185-pl. vii, figs. 30-31).

Hoplitoides nn. spp. **Pervinière**, L. t.c. (217-218, pls. x, figs. 1-3).

Lytoceras (*Gaudryceras*) *flicki* n. sp. **Pervinière**, L. t.c. (65, pl. iii, fig. 16).

Mammites nn. spp. **Pervinière**, L. t.c. (312, 317, pls. xiv, xix, figs. 2-6).

Mortoniceras monchicourti n. sp. **Pervinière**, A. t.c. (246, pl. xi, fig. 7).

Neolobites fourtaui n. sp. **Pervinière**, L. t.c. (209, pl. viii, figs. 2-6).

Neoptychites nn. spp. **Pervinière**, L. t.c. (398, 400, pl. xxvii, figs. 5-9).

Pachydiscus (*Parapachydiscus*) *salbiensis* n. sp. **Pervinière**, L. t.c. (177, pl. vii, figs. 13-22).

Phylloceras nn. spp. **Pervinière**, L. t.c. (53, 60, pl. iii, figs. 39, 13-15).

Prionotropis redenacei n. sp. **Pervinière**, L. t.c. (251, pl. xii, fig. 4).

Pseudotissotia nn. spp. **Pervinière**, L. t.c. (353-357, pls. xxiii, xxiv, figs. 1-6).

Puzosia nn. spp. **Pervinière**, L. t.c. (144, 145, 152, 162, 164, pl. vi, figs. 8, 9, 17-20, 35-37).

Saynoceras gazellae n. sp. **Pervinière**, L. t.c. (115, pl. v, figs. 1-6).

Scaphites nn. spp. **Pervinière**, L. t.c. (121, pl. iv, figs. 30-31, 34-35).

Schloenbachia grosseti n. sp. **Pervinière**, L. t.c. (224, pl. xii, fig. 1).

Thomasites n. gen., type *Pachydiscus rollandi* Peron 1889, with nn. varr. *T. meslei*, *T. jordani* nn. spp. **Pervinière**, L. t.c. (339-347, pl. xxii, figs. 8, 2, 5, 6, 8-13).

Tunesites n. gen., *T. salamambo*, *T. hoffati* nn. spp. **Pervinière**, L. t.c. (255-257, pl. xii, figs. 5-8).

Turrilites (*Carthaginities*) *karimensis* n. sp. **Pervinière**, L. t.c. (101, pl. iv, figs. 18-19).

Vascoceras polymorphum n. sp. **Pervinière**, L. t.c. (336, pl. xvi, fig. 2-6).

Waagenia auberti n. sp. **Pervinière**, L. t.c. (35, pl. ii, fig. 8).

2231.65 TRIASSIC.

Acrochordiceras spp. **Airaghi**, C. Roma, Boll. Soc. geol. ital., 24, 1905, (237-256, con tav.).

————— *arthaber* n. sp. Bayern. **Reis**, O. Geogn. Jahreshfte, 18, 1907, (149).

————— *portisi* n. sp. Montenegro. **Martelli**, A. Palaeontogr. ital., 12, (132).

Arpadites arpadis, var. *illyricus* n. var. Montenegro. **Martelli**, A. t.c. (127).

Aspidites dieneri n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshfte, 18, 1907, (121).

Asteroconites savuticus n. sp. Ostindien. **Wanner**, J. N. Jahrb. Min., Beilagebd 24, 1907, (213).

Atractites breviconus n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshfte, 18, 1907, (148).

Balatonites balatonicus Moisis. **Airaghi**, C. Roma, Boll. Soc. geol. ital., 24, 1905, (237-256, con tav.).

Celtites depressus n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshfte, 18, 1907, (118).

Ceratites spp. **Mariani**, E. Milano, Rend. Ist. lomb., 39, 1906, (646-653).

————— spp. et nn. spp. anon. **Airaghi**, C. Roma, Boll. Soc. geol. ital., 24, 1905, (237-256, con tav.).

————— nn. spp. Bayern. **Reis**, O. M. Geogn. Jahreshfte, 18, (126-132).

————— *antecedens*, Abstammung der *Nodosen*. **Schmidt**, M. Centralbl. Min., 1907, (528-533).

————— *bassanii* n. sp. Montenegro. **Martelli**, A. Palaeontogr. ital., 12, 1906, (125).

Coelocentrus silesiacus n. sp. Oberschlesien. **Ahlburg**, J. Berlin, Abh. geol. Landesanst., 50, 1906, (1-163).

Dinarites hirschii n. sp. Ostindien. **Wanner**, J. N. Jahrb. Min., Beilagebd 24, 1907, (211).

————— *misanii* Mojs. **Martelli**, A. Palaeontogr. ital., 12, 1906, (97-154, con tav.).

Gymnites incutius (Beyr). **Airaghi**, C. Roma, Boll. Soc. geol. ital., **24**, 1905, (237-256, con tav.).

———— *percarinatus* n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshefte, **18**, 1907, (139).

Hungarites tiroliensis n. sp. und 2 nn. varr. Bayern. **Reis**, O. M. t.c. (123-125).

Keration n. gen., *K. nautiliforme* n. sp. Seiser Alp. **Broili**, F. Palaeontographica, **54**, 1907, (83-84).

Monophyllites taramei n. sp. Montenegro. **Martelli**, A. Palaeontogr. ital., **12**, 1906, (135).

Nautilus auriculatus n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshefte, **18**, 1907, (115).

Noritescus n. sp., *N. psilodiscus* var. *plificifer* n. var. Bayern. **Reis**, O. M. t.c. (143).

Orthoceras acus n. sp. Bayern. **Reis**, O. M. t.c. (44).

Pinacoceras nn. spp. Montenegro. **Martelli**, A. Palaeontogr. ital., **12**, 1906, (128-130).

Pleuronautilus ambiguus var. *spiratus* n. var. **Reis**, O. M. Geogn. Jahreshefte, **18**, (115-118).

Proarcestes spp. **Martelli**, A. Palaeontogr. ital., **12**, 1906, (97-154, con tav.).

———— *extralabiatus* Moisis. **Airaghi**, C. Roma, Boll. Soc. geol. ital., **24**, 1905, (237-256, con tav.).

Ptychites nn. spp. Montenegro. **Martelli**, A. Palaeontogr. ital., **12**, 1906, (141-149).

Zugmonites n. gen., *Z. mojsisovicsi* n. sp. Bayern. **Reis**, O. M. Geogn. Jahreshefte, **18**, 1907, (148).

2231.70 JURASSIC.

Aegoceras simplex n. sp., *A. adnethicum* var. *involuta* n. var. Ungarn. **Vadász**, M. E. Földt. Közl., **37**, 1907, (355-359, 406-410).

Aptychus spp. **Campana** (Del), G. Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat., n. **28**, 1905,

Arietites nn. spp. et nn. var. Ungarn. **Vadász**, M. E. Földt. Közl., **37**, 1907, (355-359, 406-410).

Aspidoceras. **Sokolov**, D. N. Orenburg, Izv. Orenb. Otd. Russ. Geogr. Obsč., **18**, 1903, (3-51, rés. fr. 51-52).

———— nn. spp. Vicenza. **Campana** (Del), G. Firenze, Pubbl. R. Ist. stud. sup., No. **28**, 1905.

———— nn. spp. Cetechowitz. **Neumann**, J. Wien, Beitr. Pal. Geol. OstUng., **20**, 1907, (1-67).

Belemnites. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Res. 137-175).

———— spp. **Campana** (Del), G. Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat., n. **28**, 1905,

———— *nikitini* n. sp. **Sokolov**, D. N. Orenburg, Izv. Orenb. Otd. Russ. Geogr. Obsč., **18**, 1903, (3-51, rés. fr. 51-52).

Bouleiceras n. gen., *B. nitescens* n. sp. Madagascar. **Thévenin**, A. Paris, Bul. soc. géol., **6**, 1907, (171, figs. 1-4).

Cardioceras nn. spp. Cetechowitz. **Neumann**, J. Wien, Beitr. Pal. Geol. OstUng., **20**, 1907, (1-67).

Coeloceras nn. spp. Monte di Cetona. **Fucini**, A. Palaeontogr. ital., Pisa, **11**, 1905, (93-146).

———— nn. spp. **Lissajous**, M. Faune Toarcien Mâcon, 1906, (46-47, pl. iii, fig. 6, pl. iv, fig. 1).

———— *canovarrini* n. sp. Rochetta. **Canestrelli**, G. Prato, 1905, (1-47, con 1 tav.).

———— *taramei* n. sp. **Parisch**, C. e **Viale**, C. Riv. ital. paleont., Perugia, **12**, 1906, (141-168).

Coeloteuthis n. gen. (type *Belemnites excavatus* Phillips). **Lissajous**, M. Faune Toarcien Mâcon, 1906, (49).

Collina nn. spp. **Parisch**, C. e **Viale**, C. Riv. ital. paleont., Perugia, **12**, 1906, (141-168).

Craspedites nn. spp. Jaroslavl. **Prigorovskij**, M. St. Peterburg, Verh. russ. mineral. Ges., **44**, 1906, (483-500; rés. fr. 502-505, av. 1 pl.).

Creniceras rengegeri. **Thiéry**, P. Langres, Bul. soc. sci. nat., **2**, 1905, (1-2).

Grammoceras soloniense n. sp. Faune Toarcien Mâcon, 1906, (28, pl. i, fig. 4-6).

Hammatoceeras bouarellii n. sp. **Parisch, C. e Viale, C.** Riv. ital. paleont., **12**, 1906, (141-168).

Haploceras spp. **Campana (Del), G.** Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat., n. **28**, 1905, (1-140, con tav.).

Harpoceras. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; Rés. 137-175).

———— nn. spp. **Parisch, C. e Viale, C.** Riv. ital. paleont., **12**, 1906, (141-168).

Haugia (?) lajayi n. sp. **Lissajous, M.** Faune Toarcien Mâcon, 1906, (44, pl. iii, fig. 3).

Hildoceras nn. spp. **Parisch, C. e Viale, C.** Riv. ital. paleont., **12**, 1906, (141-168).

———— nn. spp. e varr. Monte di Cetona. **Fucini, A.** Palaeontogr. ital., Pisa, **11**, 1905, (93-146, con tav.).

Hyerifalchia n. gen., *H. solitaria* n. sp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

Lioceras. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

———— *costoso-lincatum* n. sp. **Lissajous, M.** Faune Toarcien Mâcon, 1906, (34, pl. ii, figs. 2-3).

Ludwigia. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

———— (*Manselia*) *raffieri* n. sp. **Lissajous, M.** Faune Toarcien Mâcon, 1906, (37, pl. ii, fig. 7).

Lyloceras. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

———— spp. **Campana (Del), G.** Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat., n. **28**, 1905, (1-140, con tav.).

———— n. sp. ind. Ungarn. **Vadász, M. E.** Földt. Közl., **37**, 1907, (355-359, 406-410).

———— *incertum* n. sp. **Papp, K.** Kaukasus, **3**, 1907, (162).

———— *italiae* n. sp. **Parisch, C. e Viale, C.** Riv. ital. Paleont., **12**, 1906, (141-168).

———— *pompeckii* n. sp. (*Amonites germani* d'Orbigny 1842).

Lissajous, M. Faune Toarcien Mâcon, 1906, (26).

Olcostephanus. **Sokolov, D. N.** Orenburg, Izv. Orenb. Otd. Russ. Geogr. Obsč., **18** 1903, (3-51, rés. fr. 51-52); **19**, 1905, (36-76).

Oppelia tenuilobata Opp. **Campana (Del), G.** Firenze, Pubbl. Ist. st. sup., sez. sc. fis. nat., n. **28**, 1905.

Peltoceras nn. spp. **Cetechowitz, Neumann, J.** Wien, Beitr. Pal. Geol. ÖstUng., **20**, 1907, (1-67).

———— *transversarium* **Quenst. Campana (Del), G.** Firenze, Pubbl. Ist. stud. sup., sez. sc. fis. nat., n. **28**, 1905, (1-140, con tav.).

Perisphinctes. **Sokolov, D. N.** Orenburg, Izv. Orenb. Otd. Russ. Geogr. Obsč., **19**, 1905, (36-76, av. 2 pls.).

———— nn. spp. Vicenza. **Campana (Del), G.** Firenze, Pubbl. R. Ist. Stud. sup., Firenze, Sez. Sc. fis. nat., No. **28**, 1905, (1-140, con tav.).

———— nn. spp. **Cetechowitz, Neumann, J.** Wien, Beitr. Pal. Geol. ÖstUng., **20**, 1907, (1-67).

———— nn. spp. **Papp, K.** Kaukasus, **3**, 1907, (165-166).

———— n. sp. aff. *crussoliensis* Font. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

———— *healeyi* n. nom. = *P. plicatilis* d'Orb. **Neumann, J.** Wien, Beitr. Pal. Geol. ÖstUng., **20**, 1907, (1-67).

———— *sub-stenocyclus* n. sp. **Sokolov, D. N.** Orenburg, Izv. Orenb. Otd. Russ. Geogr. Obsč., **18**, 1903, (3-51, rés. fr. 51-52).

Phylloceras. **Bogdanovič, K. I.** St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

———— Beschreibung verschiedener Species. **Neumann, J.** Wien, Beitr. Pal. Geol. ÖstUng., **20**, 1907, (1-67).

———— nn. spp. et n. varr. Ungarn. **Vadász, M. E.** Földt. Közl., **37**, 1907, (355-359, 406-410).

———— *sulcatum* n. sp. Ungarn. **Vadász, M. E.** Földt. Közl., Budapest, **37**, 1907, (349-355, 399-405).

Rhacophyllites ssemenowi n. sp. Papp, K. Kaukasus, 3, 1907, (162).

Simoceras spp. **Campana** (Del), G. Firenze, Publ. Ist. stud. sup., sez. sc. fis. nat., n. 28, 1905, (1-140, con tav.).

Sonninia. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Stephanoceras. **Mascke**, E. Coronatenschichten von Norddeutschland. Alfeld, [1906?], (38).

———— *liechtensteinii* n. sp. Papp, K. Kaukasus, 3, 1907, (163).

Taramelliceras meschinellii n. sp. Vicenza. **Campana** (Del), G. Firenze, Publ. R. Ist. stud. sup., No. 28, 1905.

2231.75 CRETACEOUS.

GENERAL.

Acanthoceras nn. spp. Diego Suarez. **Boule**, M., **Lemoine**, P. et **Thévenin**, A. Ann. paléont., 2, 1907, (31-33, pl. viii, figs. 5-7, pl. ix, figs. 3-5).

———— nn. spp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (184-207, pls. xii, xiii).

———— *gerreyi* n. sp. **Jacob**, C. Ann. Univ., Grenoble, 19, 1907, (221-534).

Actinocamax. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Ancyloceras. **Sincov**, I. St. Peterburg, Verh. russ. mineral Ges., 44, 1906, (188-193, mit 1 Taf.).

Anisoceras sp. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (239, pl. xv, figs. 2, 2^a).

Baculites sp. **Crick**, G. C. t.c. (240).

———— *vagina* var. *cazadorianus* n. var. **Paulcke**, W. Freiburg i. B., Ber. natf. Ges., 15, (167-248).

Belemnites. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Crioceras joffrei n. sp. Diego Suarez. **Boule**, M., **Lemoine**, P., **Thévenin**, A. Ann. paléont., 2, 1907, (52, pl. xiii, fig. 5.)

———— *lahuseni* n. sp. Russland. **Sincov**, I. St. Peterburg, Verh. russ. mineral. Ges., 46, 1906, (188-193, mit 1 Taf.).

———— *serta* n. sp. **Müller**, G. and **Wollemann**, A. Berlin, Abh. geol. Landesanst., 47, 1907, (20).

Desmoceras sp. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (88, pl. vi).

———— *inane* **Stolicz**. **Crick**, G. C. t.c. (212, pl. xiv, figs. 2, 2a, 3, 3a).

Douvilléceras nn. spp. Russland. **Sincov**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (157-188, mit 4 Taf.).

———— (?) *nodosa* n. sp. Zululand. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (87, pl. iv, figs. 1-2).

Forbesiceras largilliertanum d'Orb. and 2 nn. spp. Zululand. **Crick**, G. C. t.c. (180-182, pl. xi, figs. 6-8c).

Gaudryceras. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

———— *pulchrum* n. sp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., (237, pl. xv, figs. 1, 1a).

———— aff. *saucya*, **Forbes**, G. *odiense*, **Kossm**. **Crick**, G. C. t.c. 1907, (170-171, pl. x, figs. 13, 13a, 14, 14a).

Hamites (?) sp. **Etheridge**, fil. t.c. (88, pl. v, fig. 3).

———— **Gussmann**. Stuttgart, Jahreshefte Ver. Natk., 63, 1907, (336-340).

———— *raynaudi* n. sp. Diego Suarez. **Boule**, M., **Lemoine**, P. and **Thévenin**, A. Ann. paléont., 2, 1907, (56, pl. xiii, figs. 12, 13).

Hatchericeras n. gen. (near *Hoplitidae*), *H. patagonense*, *H. argentinense*, *H. tardense*, *H. peuyrrydonense* nn. spp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (35-43).

Hauericeras. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (242-243, pl. xv, figs. 5, 5a).

Hoplites nn. spp. Sudpatagonien. **Paulcke**, W. Freiburg i. B., Ber. natf. Ges., 15, 1907, (20).

Hysterocheras sp. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (248, pl. xv, figs. 8, 8a).

Jauberticeras n. subgen. (*Lytoceras*). **Jacob**, C. Ann. Univ., Grenoble, 19, 1907, (65).

Knemoceras (?) *cornutum* n. sp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (179, pl. x, figs. 16, 16a, 16b).

Kosmatella n. subgen. (*Lytoceras*). **Jacob**, C. Ann. Univ., Grenoble, 19, 1907, (65).

Latidorsella n. subgen. (*Desmoceras*). **Jacob**, C. t.c. (75).

Leymeriella n. subgen. (*Hoplites*). **Jacob**, C. t.c.

Lytoceras crenulatum n. sp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (236).

————— *varagurense* var. *patagonicum* n. var. **Paulcke**, W. Freiburg i. B., Ber. natf. Ges., 15, 1907, (167-248).

Mortoniceras michelii (Savi). **Fucini**, A. Pisa, Atti Soc. tosc. sc. nat., 15, 1906, (Pr.-verb. 54-56).

Nautilus nn. spp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (220-224, 243, pl. xiv, figs. 6, 6^a, 7, 7^a, pl. xv, figs. 6, 6^a).

————— *broitzemensis* n. sp. **Müller**, G. und **Wollemann**, A. Berlin, Abh. geol. Landesanst., 47, 1907, (2).

Pachydiscus nn. spp. Südpatagonien. **Paulcke**, W. Freiburg i. B., Ber. natf. Ges., 15, 1907, (61-67).

Parahoplites déchy n. sp. **Papp**, K. Kaukasus, 3, 1907, (171).

Peroniceras spp. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (226-227, c. fig.).

Phylloceras. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., 26, (κ-1769)

1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Puzosia nn. spp. Zululand. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (213-218, pl. xiv, figs. 4-5a, 245-246, pl. xv, figs. 7, 7^a).

Rhynchotenthis. **Bogdanovič**, K. T. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

————— *crassirostris* n. sp. **Mary**, Albert et **Mary**, Alexandre. Beauvais, Bul. soc. hist. sci., 2, 1906, (79-80).

Scaphites. development. **Smith**, W. D. J. Geol., 13, 1905, (635-654, with illus.).

Schloenbachia spp. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (240-247).

————— nn. spp. et 1 n. var., Diego Suarez. **Boule**, M., **Lemoine**, P. and **Thévenin**, A. Ann. paléont., 2, (36-45, pl. ix, fig. 6, pl. x, pl. xii, fig. 2).

Schlüteria bodei n. sp. **Müller**, G. und **Wollemann**, A. Berlin, Abh. geol. Landesanst., 47, 1907, (13).

Sphenodiscus menuthias n. sp. Diego Suarez. **Boule**, M., **Lemoine**, P. and **Thévenin**, A. Ann. paléont., 2, 1907, (49, pl. xii, figs. 7, 27).

Stoliczkaia grandidieri n. sp. Diego Suarez. **Boule**, M., **Lemoine**, P. and **Thévenin**, A. t.c. (34, pl. viii, fig. 8).

Tetragonites timotheanus. (? Mayor) **Stoliczk**. **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (170, pl. x, figs. 15, 15^a, pl. xiii, figs. 5, 5^a).

Turrilites colcanapi n. sp., *T. puzosianus* var. *gallieni* n. var. Diego Suarez. **Boule**, M., **Lemoine**, P. and **Thévenin**, A. Ann. paléont., 2, 1907, (59-60, pl. xiii, fig. 3, pl. xiv, figs. 4-5).

————— *scheuchzerianus*, **Bosc.**, **Crick**, G. C. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (173, pl. xi, figs. 1, 1^a); *costatus*, **Lam.** t.c. (174, pl. xi, fig. 2); *acutus*, **Passy.** t.c. (176, pl. xi, figs. 3, 3^a, 4, 4^a); *nodiferus* n. sp. t.c. (177, pl. xi, figs. 5, 5^a).

Uhligella n. subgen. (*Desmoceras*).
Jacob, C. Ann. Univ., Grenoble, 19,
1907, (73).

2231.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Belosepiella n. gen., *B. cossmanni*,
B. parisiensis nn. spp. Dintori di
Parigi. Alessandri (De), G. Riv. ital.
Paleont., 11, 1905, (146-150, con. fig.).

GASTROPODA.

2231.38 FOSSILS OF DOUBT-
FUL STRATIGRAPHICAL
POSITION.

Cancellaria prophylactica n. sp.
Nias. Icke, H. und Martin, K. Leiden,
Samml. Geol. Reichsmus., 8, 1907, (230).

2231.39 GENERAL.

GENERAL.

Simroth, H. Versuch einer neuen
Deutung der Bellerophontiden. Leip-
zig, SitzBer. natf. Ges., 32, (1905),
1906, (3-8).

SPECIAL.

Bellerophon de - angelisi n. sp.
Carnian Alps. Gortani, M. Roma,
Boll. Soc. geol. ital., 24, 1905, (568).

2231.55 UPPER PALAEOZOIC.

Bellerophon nn. spp. Gortani, M.
Riv. ital. paleont., 12, 1906, (93-131).

———— *gaspensis* n. sp. Quebec.
Clarke, J. M. Albany, N.Y., St. Educ.
Dept., Mus. Bull., No. 107, 1907, (192-
195).

Bulimorpha ? alvaensis n. sp. Okla-
homa. Beede, J. W. Lawrence, Kan.
Univ. Sci. Bull., 4, 1907, (150-171,
with pl.).

Capulus nn. spp. Texas, Okla-
homa. Beede, J. W. l.c.

Catubrinia n. subgen. (*Neritomopsis*).
Caneva, G. Roma, Boll. Soc. geol.
ital., 25, 1906, (427-452).

Coelidium nn. spp. New Brunswick
and Maine. Clarke, J. M. Albany,
N.Y., St. Educ. Dept., Mus. Bull.,
No. 107, 1907, (186-192).

Conularia penouili n. sp. *C. de-
siderata* var. *tuzoi* n. var. Quebec.
Clarke, J. M. t.c. (179-185).

Eotomaria nn. spp. Quebec and
Maine. Clarke, J. M. t.c. (186-192).

Euphemus quebecensis n. sp. Quebec,
Devonic. Clarke, J. M. t.c. (192-
195).

Holopea nn. spp. Eastern Canada
and Maine. Clarke, J. M. t.c. (186-
192).

Hylolithus nn. spp. Quebec. Clarke,
J. M. t.c. (179-185).

Loxonema permiana n. sp. Texas.
Beede, J. W. Lawrence, Kan. Univ.
Sci. Bull., 4, 1907, (150-171, with pl.).

———— *pezatiforme* n. sp. Gor-
tani, M. Palaeontogr. ital., 12, 1906,
(67).

Macrocheilus meridianus n. sp.
Gortani, M. t.c. (65).

Murchisonia nn. spp. Oklahoma
and Texas. Beede, J. W. Lawrence,
Kan. Univ. Sci. Bull., 4, 1907, (150-
171, with pl.).

———— nn. spp. e n. var. Carnian
Alps. Gortani, M. Roma, Boll. Soc.
geol. ital., 24, 1905, (574-575).

———— *mazzaroti* n. sp. Gortani,
M. Riv. ital. paleont., 12, 1906, (93-
131).

Naticella transversa n. sp. Texas.
Beede, J. W. Lawrence, Kan. Univ.
Sci. Bull., 4, 1907, (150-171, with pl.).

Neritomopsis (Catubrinia) solitaria
n. sp. Italia. Caneva, G. Roma, Boll.
Soc. geol. ital., 25, 1906, (427-452).

Orthonema nn. spp. Texas and Okla-
homa. Beede, J. W. Lawrence, Kan.
Univ. Sci. Bull., 4, 1907, (150-171,
with pl.).

Phragmostoma diopetes n. sp. Maine.
Clarke, J. M. Albany, N.Y., St. Educ.
Dept., Mus. Bull., No. 107, 1907, (192-
195).

Platyceras nn. spp. Quebec and
Maine. Clarke, J. M. t.c. (179-185).

———— *hospes* n. sp. Drevermann,
F. Frankfurt a. M., Ber. Senckenb.
Ges., 1907, (134).

Pleurotomaria. Sobolev, D. Varšava, *Izv. polytechn. Inst.*, 1904, 2, (81-107, mit 10 Taf.).

————— nn. spp. Texas and Oklahoma. Beede, J. W. Lawrence, Kan. Univ. Sci. Bull., 4, 1907, (150-171, with pl.).

————— *nikitowkensis* var. *italica* n. var. Carnian Alps. Gortani, M. Roma, *Boll. Soc. geol. ital.*, 24, 1905, (461-606).

Probolaeum canadense n. sp. Quebec. Clarke, J. M. Albany, N.Y., St. Educ. Dept., *Mus. Bull.*, No. 107, 1907, (192-195).

Raphistoma. Sobolev, D. Varšava, *Izv. polytechn. Inst.*, 1904, 2, (81-107, mit 10 Taf.).

Straparollus exornatus n. sp. Gortani, M. *Palaeontogr. ital.*, 12, 1906, (60).

Strophostylus permianus n. sp. Oklahoma and Texas. Beede, J. W. Lawrence, Kan. Univ. Sci. Bull., 4, 1907, (150-171, with pl.).

Tentaculites nn. spp. Quebec. Clarke, J. M. Albany, N.Y., St. Educ. Dept., *Mus. Bull.*, No. 107, 1907, (167-174).

Trachynerita ambigua n. sp. Italia. Caneva, B. Roma, *Boll. Soc. geol. ital.*, 25, 1906, (427-452).

Trepostira haworthi n. sp. Oklahoma and Texas. Beede, J. W. Lawrence, Kan. Univ. Sci. Bull., 4, 1907, (150-171, with pl.).

Trochonema lescarboti n. sp. Quebec. Clarke, J. M. Albany, N.Y., St. Educ. Dept., *Mus. Bull.*, No. 107, 1907, (192-195).

Tropidodiscus obex n. sp. Maine. Clarke, J. M. *l.c.*

Turbo (?) *scalensis* n. sp. Sobolev, D. Varšava, *Izv. polytechn. Inst.*, 1904, 2, (81-107, mit 10 Taf.).

Worthenopsis ? *depressa* n. sp. Oklahoma. Beede, J. W. Lawrence, Kan. Univ. Sci. Bull., 4, 1907, (150-171, with pl.).

————— *stachei* n. sp. Italia. Caneva, G. Roma, *Boll. Soc. geol. ital.*, 25, 1906, (427-452, con tav.).

2231.65 TRIASSIC.

Ampullina silesiaca n. sp. Oberschlesien. Ahlburg, J. Berlin, *Abh. geol. Landesanst.*, 50, 1906, (1-163).

Angularia gracilis n. sp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (107).

Aristerostrophia n. subgen. (*Angularia*). Broili, T. *l.c.*

Cerithium verrucosum n. sp. Caprona. Vinassa de Regny, P. Roma, *Boll. Soc. geol. ital.*, 25, 1906, (825-845).

Coelostylina n. sp. cf. *Ptychostoma santaecrucis* (Laub.). Ahlburg, J. Berlin, *Abh. geol. Landesanst.*, 50, 1906, (1-163).

————— nn. spp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (123).

Cobrella kokeni n. sp. Seiser Alp. Broili, F. *l.c.* (108).

Fossariopsis plana n. sp. Oberschlesien. Ahlburg, J. Berlin, *Abh. geol. Landesanst.*, 50, 1906, (1-163).

Hologyra alta n. sp. Oberschlesien. Ahlburg, J. *l.c.*

Loxonema nn. spp. Cadore. Mariani, E. Milano, *Rend. Ist. lomb.*, 38, 1905, (563-572, con fig.).

————— *compressum* n. sp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (113).

————— *granietzense* n. sp. Oberschlesien. Ahlburg, J. Berlin, *Abh. geol. Landesanst.*, 50, 1906, (1-163).

Patella nn. spp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (74-75).

Promathildia nn. spp. Seiser Alp. Broili, F. *l.c.* (127-129).

Pseudobrochidium n. gen., *P. germanicum* n. sp. Grupe, O. Unt. Keuper im südl. Hannover, 1907, (65-134).

Spirochrysalis bellineata n. sp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (123).

Trachynerita quadrata nn. var., Oberschlesien. Ahlburg, J. Berlin, *Abh. geol. Landesanst.*, 50, 1906, (1-163).

Trepostira fusiformis n. sp. Oberschlesien. Ahlburg, J. *l.c.*

Trochus waageni n. sp. Seiser Alp. Broili, F. *Palaeontographica*, 54, 1907, (88).

Turbo textorius n. sp. Seiser Alp.
Broili, F. *t.c.* (85).

Undularia scalata Schloth. **Mariani, E.** Milano, Rend. Ist. lomb., **39**, 1906, (646-653).

Vanikoro serangensis n. sp. Ostindien. **Wanner, J.** N. Jahrb. Min., Beilagebd, **24**, 1907, (210).

Veritaria nn. spp. Oberschlesien. **Ahlburg, J.** Berlin, Abh. geol. Landesanst., **50**, 1906, (1-163).

Vermetus triadicus n. sp. **Grupe, O.** Unt. Keuper im südl. Hannover, 1907, (65-134).

Worthenia nn. spp. Oberschlesien. **Ahlburg, J.** Berlin, Abh. geol. Landesanst., **50**, 1906, (1-163).

2231.70 JURASSIC.

Amberleya. **Bogdanovič, K. I.** St. Petersburg. Mém. Com. géolog., **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

Brachytrema lorioli n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

Bythinia dubia n. sp. * Spanien. **Schlosser, M.** N. Jahrb. Min., **1907**, **2**, (22).

Cerithium nn. spp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

Coelostylina thieryi n. sp. **Cossmann, P.** Infralias de Provanchères-sur-Meuse, 1907, (26, pl. iv, figs. 7-10).

Cominella praecursor n. sp. Patagonien. **Wilckens, O.** Freiburg i. B., Ber. natf. Ges., **15**, 1907, (21).

Cryptaenia nodosa n. sp. Schwaben. **Sieberer, K.** Palaeontographica, **54**, 1907, (1-68).

Eucyclus lamberti n. sp. **Cossmann, P.** Infralias de Provanchères-sur-Meuse, 1907, (29, pl. iv, fig. 21).

Lacuna (?) laeviuscula n. sp. with var. *angulosa*. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

Nerinea praealpina n. nom. (= *N. esparciensis* Piette 1902). **Cossmann, M.** Nice, Ann. soc. let. sci., **20**, 1906, (71, pl. xii, figs. 1-5).

Pleurotomaria nn. spp. Schwaben. **Sieberer, K.** Palaeontographica, **54**, 1907, (1-68).

Procerithium thieryi n. sp. **Cossmann, M.** Infralias de Provanchères-sur-Meuse. 1907, (20, pl. iv, figs. 15-16).

Ptygmatis kubanensis n. sp. **Papp, K.** Kaukasus, **3**, 1907, (161).

Straparollus nn. spp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

Sulcataeon viadrinus n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905, (1-222).

Trochus nn. spp. Pommern. **Schmidt, M.** *l.c.*

Verita sadebecki n. sp. Pommern. **Schmidt, M.** *l.c.*

2231.75 CRETACEOUS.

GENERAL.

Dall, W. H. Upper Cretaceous *Volutidae*, with descriptions of new species and a revision of the groups to which they belong. Washington, Smithsonian. Inst., Misc. Collect. Q., **50**, 1907, (1-23, with text fig.).

SPECIAL.

Actaeon sp. **Etheridge fil.** Pietermaritzburg, Rep. Surv. Natal and Zulul., **1907**, (84, pl. iv, figs. 11 and 12).

———— *multilineatus* n. sp. Schaumburg-Lippe. **Harbort, E.** Berlin, Abh. geol. Landesanst., **45**, 1905, (93).

Actaeonella. **Bogdanovič, K. I.** St. Petersburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175).

———— *parvissima* n. sp. **Répin, J.** Ann. Mus., Marseille, **10**, 1907, (17, pl. ii, figs. 8-10).

Alaria bailyi, Eth. fil. **Etheridge fil.** Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (86, pl. v, fig. 9).

Amauropsis subbulbiformis n. sp. **Répin, J.** Ann. Mus., Marseille, **10**, 1907, (39, pl. v, fig. 9).

Aporrhais nn. spp. **Répin, J.** *t.c.* (23-24, pl. ii, figs. 20-23).

———— *gregaria* n. sp. Patagonien. **Wilckens, O.** Freiburg i. B., Ber. natf. Ges., **15**, 1907, (16).

Aporrhais protuberatus n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

Astrarium nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (42-43, pl. vi, figs. 2-8).

Bulla minima n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (25).

Cancellaria smocki n. sp., New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (756-794).

Cerithium. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (1-VI, 1-136, deutsch. Rés. 137-175).

————— nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (25-27, pl. iii, figs. 2-5, pl. v, fig. 7).

————— nn. spp. **Wollemann**, P. Berlin, Jahrb. geol. Landesanst., **27**, 1906, (259-300).

Cinulia australis n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

————— *incisa* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin. Abh. geol. Landesanst., **45**, 1905, (93).

————— *pauper* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (23).

Crassatella quasi n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (106).

Cypraea tarensis n. sp. Tripolis, **Krumbeck**, L. t.c. (121).

Dejanira stolicskai n. sp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (40, pl. v, figs. 16-20).

Delphinula navesinkensis n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (669-705).

Emarginula. **Bogdanovič**, K. I. St. Peterburg. Mém. Com. géolog., **26**, 1906, (1-VI, 1-136, deutsch. Rés. 137-175).

Fusus nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (20-22, pl. ii figs. 12-17).

————— nn. spp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (756-794).

Fusus assailiyi var. *ellipticus* n. var. **Neumann**, R. N. Jahrb. Min., Beilagebd **24**, 1907, (69-132).

————— *dusenianus* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (22).

Glauconia coquandi n. varr. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (36-37, pl. iv, figs. 16-19, pl. v, figs. 1-3).

Goniobasis judithensis n. sp. Montana. **Stanton**, T. W. Washington, D.C., Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (108-117).

Hercorhynchus jerseyensis n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (725-755).

Lunatia constricta n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

Melania whiteavesi n. sp. Montana. **Stanton**, T. W. Washington, D.C., Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (108-117).

Morgania n. nom. pro *Irania* Douvillé 1904 (praeocc.). **Cossmann**. Rev. crit. paléozool., **10**, 1906, (196).

Narica ous n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **27**, 1906, (259-300).

Natica cerreria n. sp. Patagonien. **Wilckens**, A. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (13).

Neritina haugi n. sp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (39, pl. v, figs. 11-15).

Pleurotomaria nn. spp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **27**, 1906, (259-300).

————— *lindhorstiusis* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905 (86).

————— *tardensis* n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

Pseudamaura terrazulensis n. sp. Zululand. **Etheridge** fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (86, pl. iv, figs. 3-5, pl. v, figs. 6-8).

Pugnellus hanthali n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (18).

Pyropsis nn. spp. New Jersey, Alabama. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (725-755).

———— *gracilis* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (23).

Rapana stantoni n. sp. New Jersey, Texas. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (725-755).

Retusa scutala n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (24).

Scalaria fallax n. sp. Patagonien. **Wilckens**, O. *t.c.* (14).

Solarium. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175 + 11 Taf.).

———— *hedleyi* n. sp. Zululand. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (85, pl. V, figs. 10-12).

Strombus parvulus n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (118).

Struthiolariopsis tumida n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (20).

Tenagodes obtusifformis n. sp. Java. **Martin**, K. Leiden, Samml. Geol. Reichsmus., **1**, 1906, (224).

Teredo (?) Tubes. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (83, pl. V, fig. 13).

Tornatellaea patagonica n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

Triton lorillardensis n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (725-755).

Tritonium nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (22-23, pl. ii, figs. 18, 19).

Trochus. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175).

Trochus guelferbytanus n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **27**, 1906, (259-300).

———— *quadricoronatus* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (87).

———— *reussi* n. sp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (41, pl. V, fig. 10).

Tubulostium pupoides n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

Turbinella intermedia n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (756-794).

Turbo. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175).

Turritella nn. spp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (116-117).

———— nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (30-31, pl. iii, figs. 7-12, 15).

———— nn. spp. New Jersey, Cretaceous. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (669-705).

———— *cazadoriana* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (15).

Volutoderma jamesburgensis n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (756-794).

———— *protracta* n. sp. Southern United States. **Dall**, W. H. Washington, Smithsonian. Inst., Misc. Collect., Q., **50**, 1907, (15-21).

Volutomorpha nn. spp. Southern United States. **Dall**, W. H. *l.c.*

Zaria sp. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (84, pl. V, figs. 4-5).

2231.80 CAENOZOIC (TERTIARY) (GENERAL).

Ancillaria rembangensis n. sp. Java. **Martin**, K. und **Icke**, H. Leiden, Samml. Geol. Reichsmus., **1**, 1906, (298).

Astralium. **Martin**, K. *t.c.* (277).

- Atys beberkiriana* n. sp. Java. **Martin, K. und Icke, H. t.c.** (283).
- *paucistriatus* n. sp. Jutland. **Ravn, J. P. J. Kjöbenhavn. Vid. Selsk. Skr., 3, 1907, (217-384).**
- Calyptraea* (s.s.) *tudung* n. sp. Java. **Martin, K. Leiden, Samml. Geol. Reichsmus., 1, 1906, (251).**
- Capulus* (s.s.) *junghuhni* n. sp. Java. **Martin, K. t.c.** (250).
- Columbella* nn. spp. Java. **Martin, K. und Icke, H. t.c.** (317-318).
- Conus* nn. spp. Java. **Martin, K. und Icke, H. t.c.** (287-292).
- Cyclotus scalaris* n. sp. **Branca, W. and Fraas, E. Berlin, Abh. Ak. Wiss., 1907, (18).**
- Cypraedia degrangei* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (87).**
- Delphinula laciniata.* **Martin, K. Leiden, Samml. Geol. Reichsmus., 1, 1906, (280).**
- Diastoma biarritzense* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (82).**
- Eulima* nn. spp. Java. **Martin, K. Leiden, Samml. Geol. Reichsmus., 1, 1906, (269-270).**
- Eutritonium biarritzense* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (84).**
- Fusus* nn. spp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (307).**
- nn. spp. Jutland. **Ravn, J. P. J. Kjöbenhavn. Vid. Selsk. Skr., 3, 1907, (217-384).**
- *subspiralis* n. sp., Patagonia. **Ortmann, A. E. Rep. Princeton Univ. Exp. Patagonia, 4, 1902, (202-226).**
- Gibbula lucida* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (81).**
- Hindsia* nn. spp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (313-316).**
- Infundibulum corrugatum* var. *datum* n. var. Patagonia. **Ortmann, A. E. Rep. Princeton Univ. Exp. Patagonia, 4, 1902, (145-200).**
- Latirus tjilonganensis* n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (308).**
- Limnaeus* nn. spp. **Branca, W. und Fraas, E. Berlin, Abh. Ak. Wiss., 1907, (19-20).**
- Lyria ickei* n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (302).**
- Marginella* nn. spp. Java. **Martin, K. und Icke, H. t.c.** (299-301).
- nn. spp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (87-88).**
- *olivella* n. nom. (= *M. oliviformis* Ortmann). Patagonia. **Ortmann, A. E. Rep. Princeton Univ. Exp. Patagonia, 4, 1902, (202-226).**
- Melania sindangbaranensis* n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (321).**
- (*Pachychilus*) *testudinaria*, *M. (Striatilla) tuberculata*, *M. (Plotia) scabra*, *M. (Tiara) setigera*, *M. (Sermiya) tornatella* Lea and 14 nn. spp. Java. **Martin, K. t.c.** (235-245).
- Melongenella ickei* n. sp. Java. **Martin, K. und Icke, H. t.c.** (309).
- Metula biarritzensis* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (86).**
- *böttgeri* n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (310).**
- Mitra* nn. spp. Java. **Martin, K. und Icke, H. t.c.** (303-304).
- nn. spp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, (89).**
- Nassa beberkiriana* n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (317).**
- *cimbria* n. sp. Jutland. **Ravn, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., 3, 1907, (217-384).**
- *prisca* n. sp. Biarritz. **Oppenheim, P. Berlin, Zs. D. geol. Ges., 58, 1906, (83).**
- Natica*, various spp. and 6 nn. spp. Java. **Martin, K. Leiden, Samml. Geol. Reichsmus., 1, 1906, (255-267).**

Nerita (Theliostyla) chamaeleon var. *squamulata*; *N. (Cymostyla) sucabumiana* n. sp. Java. **Martin, K. t.c.** (272-273).

Neritina (Clithon) brevispina Lam. **Martin, K. t.c.** (273).

————— *junghuhni* n. sp. Java. **Martin, K. und Icke, H. t.c.** (323).

Oliva nn. spp. Java. **Martin, K. und Icke, H. t.c.** (296-297).

Paludina javanica. **Martin, K. t.c.** (249).

Planaxis sondeianus n. sp. Java. **Martin, K. t.c.** (22).

Planorbis lincki n. sp. **Branca, W. und Fraas, E.** Berlin, Abh. Ak. Wiss., 1907, (22).

Pleurotoma nn. spp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (292-296).**

————— *vasconum* n. sp. Biarritz. **Oppenheim, P.** Berlin, Zs. D. geol. Ges., 58, 1906, (90).

Potamides cheribonensis n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (320).**

Pyramidella nn. spp. Java. **Martin, K. t.c.** (271).

————— *junghuhni* n. sp. Java. **Martin, K. und Icke, H. t.c.** (321).

Pyrula pilsbryi n. sp. Jamaica. **Smith, B.** Philadelphia, Pa., Proc. Acad. Nat., Sci. 59, 1907, (208-219, with pl., text fig., table).

Sigaretus (s.s.) laevigatus, S. (Eunaticina) papilla Chemn., *S. fennemai* n. sp. Java. **Martin, K. Leiden, Samml. Geol. Reichsmus., 1, 1906, (268-269).**

Solarium perspectivum, S. maximum, S. sedanense. **Martin, K. t.c.** (246-248).

Sphaerium risgovienense n. sp. **Branca, W. und Fraas, E.** Berlin, Abh. Ak. Wiss., 1907, (17).

Streptochetus pulveris n. sp. Biarritz. **Oppenheim, P.** Berlin, Zs. D. geol. Ges., 58, 1906, (85).

Strombus sondeianus n. sp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (319).**

Struhiolaria ameghinoi, var. *multi-nodosa* var. n. Patagonia. **Ortmann,**

A. E. Rep. Princeton Univ. Exp., Patagonia, 4, 1902, (202-226).

Sycum tournoueri n. sp. Biarritz. **Oppenheim, P.** Berlin, Zs. D. geol. Ges., 58, 1906, (86).

Syrnola biarritzensis n. sp. Biarritz. **Oppenheim, P. t.c.** (81).

Terebra nn. spp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, (283-287).**

Trochus nn. spp. and *T. jujubini-formis* Mart. var. Java. **Martin, K. t.c.** (277-280).

————— *junghuhni* n. sp. Java. **Martin, K. und Icke, H. t.c.** (323).

Turbo petholatus, T. (Marmorostoma) versicolor and 2 nn. spp. Java. **Martin, K. t.c.** (274-276).

Turbonilla nn. spp. Java. **Martin, K. und Icke, H. t.c.** (322).

Turricula nn. spp. Java. **Martin, K. und Icke, H. t.c.** (305-306).

Turritella simplex, T. acuticarinata, T. javana, T. terebra, T. vittulata, T. cingalijera and 5 nn. spp. Java. **Martin, K. t.c.** (221-280).

Vermetus incertus n. sp. Patagonia. **Ortmann, A. E. Rep. Princeton Univ. Exp. Patagonia, 4, 1902, (145-200).**

Voluta tjilonganensis n. spp. Java. **Martin, K. und Icke, H. Leiden, Samml. Geol. Reichsmus., 1, 1906, (302).**

Xenophora pallidula, X. (Tugurium) dunkeri, X. (T.) calculifera. **Martin, K. t.c., (251-253).**

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actaeon lawsoni n. sp. California. **Weaver, C. E.** Berkeley, Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

————— *remotiusulcatus* n. sp. Loire inférieure. **Cossmann, M.** Nantes, Bul. Soc. sci. nat., (sér. 5), 5, 1905, (135-189); 6, 1906, (189-318).

Archaeozonites nn. spp. Ulm. **Miller, K.** Stuttgart, Jahreshefte Ver. Natk., 63, 1907, (442-443, 453-454).

Architectonica tuberculata n. sp. California. **Weaver, C. E.** Berkeley, Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

- Athleta petrosa*, morphology. *A. clayi*, n. sp. **Smith**, B. Philadelphia, Pa., Proc. Acad. Nat. Sci., **59**, 1907, (229-242, with diag., text fig.).
- Bulimus arneggensis* n. sp. Ulm. **Miller**, Th. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (446).
- Bullinula subglobosa* n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).
- Busycon montforti* n. sp. Florida. **Aldrich**, T. H. Nautilus, **20**, 1907, (121).
- Bythinia eocaenica* n. sp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (456).
- Caecum houdasi* n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).
- Campanile rarinodosum* n. sp. Loire inférieure. **Cossmann**, M. *l.c.*
- Cerithiopsis regularoides* n. sp. Alabama. **Aldrich**, T. H. Nautilus, **21**, 1907, (8-10).
- Cerithium* nn. spp. Dalmazia. **Dainelli**, G. Paleontogr. ital., **11**, 1905, (1-92).
- Cionella exigua* n. sp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (446).
- Clausilia* nn. spp. Ulm. **Miller**, K. *t.c.* (448-449, 455).
- Craspedopoma elegans* n. sp. Ulm. **Miller**, K. *t.c.* (451).
- Cyclostomus ulmensis* n. sp. Ulm. **Miller**, K. *t.c.* (440).
- Cyclotus scalaris* n. sp. Ulm. **Miller**, K. *t.c.* (439).
- Discohelix californicus* n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).
- Eumargarita dumasi* n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).
- Ficopsis angulatus* n. sp. California, Eocene. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).
- Fissurella unilineatus* n. sp. Alabama. **Aldrich**, T. H. Nautilus, **21**, 1907, (10-11).
- Fusus acquilateralis* n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).
- Glandina* nn. spp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (441-453).
- Helicina trochiformis* n. sp. Ulm. **Miller**, K. *t.c.* (452).
- Helix* nn. spp. Ulm. **Miller**, K. *t.c.* (444-445, 455).
- Hyalinia* nn. spp. Ulm. **Miller**, *t.c.* (442, 454).
- Laminifera arneggensis* n. sp. Ulm. **Miller**, K. *t.c.* (446).
- Limnaeus* nn. spp. Ulm. **Miller**, K. *t.c.* (452).
- Marginella vaguezi* n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).
- Mathilda* nn. spp. Alabama. **Aldrich**, T. H. Nautilus, **21**, 1907, (10-11).
- Megalomastoma* nn. spp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (440).
- Melania suevica* n. sp. Ulm. **Miller**, K. *t.c.* (456).
- Micromitraz latifrons* n. sp. Pommern. **Schneider**, O. und **Svenderop**, F. Berlin, Jahrb. geol. Landesanst., **27**, 1906, (199-209).
- Odontostomia* nn. spp. et varr. Deutschland. **Boettger**, O. Frankfurt-a-M., NachrBl. D. malakozool. Ges., **39**, 1907, (77-82).
- *namnetensis* n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).
- Pleacina ovulina* n. sp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (453).
- Paludina planiuscula* n. sp. Ulm. **Miller**, K. *t.c.* (456).
- Patula* nn. spp. Ulm. **Miller**, K. *t.c.* (44, 454-455).
- Perissolax tricarnatus* n. sp. California. **Weaver**, C. E. Berkeley, Univ.

Cal., Bull. Dept. Geol., 4, [1905], (101-123).

Pleurotomaria dalmatina n. sp. Dalmazia. **Dainelli**, G. Palaeontogr. ital., 11, 1905, (1-92).

Pomatias nn. spp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., 63, 1907, (451).

Postalia de-stefanii n. sp. Dalmazia. **Dainelli**, G. Palaeontogr. ital., Pisa, 11, 1905, (1-92).

Pupa cythiniiformis n. sp. Ulm. **Miller**, Th. Stuttgart, Jahreshefte Ver. Natk., 63, 1907, (455).

Rissoina bribirensis n. sp. Dalmazia. **Dainelli**, G. Palaeontogr. ital., 11, 1905, (1-92).

Scala nn. spp. Alabama. **Aldrich**, T. H. Nautilus, 21, 1907, (10-11).

Scalaria nn. spp. Dalmazia. **Dainelli**, G. Palaeontogr. ital., 11, 1905, (1-92).

Tritonium nn. spp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

Trochomorpha arneggensis n. sp. Ulm. **Miller**, K. Stuttgart, Jahreshefte Ver. Natk., 63, 1907, (443).

Trochus vacianensis n. sp. Dalmazia. **Dainelli**, G. Roma, Boll. Soc. geol. ital., 25, 1906, (453-494).

————— nn. spp. Dalmazia. **Dainelli**, G. Palaeontogr. ital., Pisa, 11, 1905, (1-92).

Turbonilla nn. spp. Alabama. **Aldrich**, T. H. Nautilus, 21, 1907, (8-10).

Turritella conica n. sp. California. **Weaver**, C. E. Berkeley Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

————— (*martinezensis* Gabb, var. ?) *lompocensis* n. var. California. **Arnold**, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (8-10).

Typhis vaquezi n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), 5, 1905, (135-189); 6, 1906, (189-318).

Urosyca robusta n. sp. California, Eocene. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

Vicetia n. gen., type *Ovula haukeni* (Heb. et Mün. Ch.). **Fabiani**, R. Padova, Atti. Acc. Ven. trent., 2, 1905, parte 2, (150).

Xenophora zitteli n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., 4, [1905], (101-123).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Actaeon (Solidula) dahanaënsis n. sp. Nias. **Icke**, H. und **Martin**, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (223).

Ancylos trapezoideus n. sp. S. Africa. **Boettger**, O. In **Schultze**, Aus Namaland, 2.

Astraliun (Pachypoma) verbeeki n. sp. Nias. **Icke**, H. and **Martin**, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (244).

Bathytoma carpenteriana var. *fernandoana* n. var. California. **Arnold**, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (10-16).

Buccinum. **Bogačev**, V. St. Petersburg, Bull. Com. géolog., 24, 1905, (159-181; rés. fr. 181-185).

Bythinia dubia n. sp. Spanien. **Schlosser**, M. N. Jahrb. Min., 1907, 2, (1-41).

Cancellaria crawfordiana var. *fugleri* n. var. California. **Arnold**, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (10-16).

————— *fernandoensis* n. sp. California. **Arnold**, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (534-539).

Cerithium nn. spp. Nias. **Icke**, H. and **Martin**, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (240-242).

————— *topangensis* n. sp. California. **Arnold**, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

Chlorostoma (Omphalius) dalli n. sp. C.d. varr. nn. California. **Arnold**, R. l.c.

Columbella woodwardi n. sp. Nias. **Icke**, H. and **Martin**, Th. Leiden, Samml. Geol. Reichsmus., 8, 1907, (236).

Conus (s.s.) maäboensis n. sp. Nias.
Icke, H. and Martin, K. *t.c.* (225).

Cypraea fernandoensis n. sp. California.
Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (534-539).

Drillia nn. spp. California. Arnold, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (10-16).

Lymnaea alamosensis n. sp. California. Arnold, R. *t.c.*

Macron merriami n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

Mitra (Scabricula) kannegieteri n. sp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (231).

Mitramorpha filosa var. *barbancensis* n. var. California. Arnold, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (20-23).

Mohrensternia (?) pseudalvania n. sp. Andrusov, N. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (289-449, mit 2 Taf.).

Murex eldridgei n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (534-539).

Nassa (Hiotha) dahanaënsis n. sp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (235).

————— *hamlini* n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (534-539).

————— *retowskii* n. sp. Andrusov, N. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (289-449, mit 2 Taf.).

————— *waldorfensis* n. sp. California. Arnold, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (10-16).

Ocenebra micheli var. *waldorfensis* n. var. California. Arnold, R. *t.c.* (17-20).

————— *topangensis* n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

Pereiraia lovisati n. sp. Sardegna. Sacco, F. Riv. ital. paleont., 11, 1905, (112).

Pisania fortis var. *angulata* n. var. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (534-539).

Pleurotoma nn. spp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (228-229).

————— (*Bathytoma*) *kepi* n. sp., California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

Priene oregonensis var. *angelensis* n. var. California. Arnold, R. *t.c.* (534-539).

Puncturella delosi n. sp. California. Arnold, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (20-23).

Purpura edmondi n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

————— *vaquerosensis* n. sp. California. Arnold, R. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (8-10).

Rostellaria (Rimella) pollii n. sp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (240).

Sigaretus porrini n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (532-534).

Terebra dahanaënsis n. sp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (224).

Trochus maeoticus n. sp. Andrusov, N. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (289-449, mit 2 Taf.).

Turbo topangensis n. sp. California. Arnold, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (528-532).

Turricula nn. spp. Nias. Icke, H. and Martin, K. Leiden, Samml. Geol. Reichsmus., 8, 1907, (232-233).

Turritella atamanica n. sp. Bogačev, V. St. Peterburg, Bull. Com. géolog., 24, 1905, (159-181; rés. fr. 181-185).

————— *cooperi* var. *fernandoensis* n. var. California. Arnold, R. Wash-

ington, Smithson. Inst., U. S. Nation. Mus., Proc., **32**, 1907, (534-539).

Turritella ineziana var. *sespeensis* n. var. California. **Arnold**, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., **32**, 1907, (532-543).

Vitrea fagalis n. sp. Miocene. Colorado. **Cockerell**, T. D. A. Nautilus **21**, 1907, (89).

2231.95 PLEISTOCENE AND RECENT.

Acme diluviana n. sp. Deutschland. **Hocker**, F. Frankfurt a. M., NachrBl. D. malakozool. Ges., **39**, 1907, (92).

Clausilia bruceimensis n. sp. Deutschland. **Hocker**, F. t.c. (89).

Helicina occulta. **Shimek**, B. J. Geol., **13**, 1905, (232-237).

Helix (*Vallonia*) *saxoniana* Sterki. **Wüst**, E. Zs. Natw., **78**, 1907, (369-375).

Lymnaca (*Stagnicola*) *anticostiana* sp. n. Maine. **Dall**, W. H. Alaska (Harriman Expedition), New York. **13** 1905, (1-171, with pl., text fig.).

Melania (s. str.) *sitoliensis* n. sp. Nias. **Icke**, H. und **Martin**, K. Leiden, Samml. Geol. Reichsmus., **8**, 1907, (243).

Vivipara diluviana. **Brusina**, S. Frankfurt a. M., NachrBl. D. malakozool. Ges., **39**, 1907, (40-45).

PELECYPODA.

2231.39 GENERAL.

Agria. **Toucas**, A. Paris, Bul. soc. géol., **6**, 1906, (149-150).

Heligmina n. gen., type *Ostrea uncinata* Lamarck, 1806. *H. goebhardi* n. sp. **Douvillé**, H. Ann. paléont., **2**, 1907, (13-14, pl. i, figs. 13-15).

Heligmopsis nn. spp. **Douvillé** H. t.c. (15-16, pl. ii, figs. 5, 8).

Heligmus rollandi n. sp. **Douvillé**, H. t.c. (9, pl. i, figs. 1-3).

Inoceramus nn. spp. **Boehm**, G. Palaeontographica, **1907**, Suppl. IV, Lfg 2, (47-120).

Naiadina praelonga n. sp. **Douvillé**, H. Ann. paléont., **2**, 1907, (10, pl. i, fig. 9).

Nucula taliabutica n. sp. **Boehm**, G. Palaeontographica, **1907**, Suppl. iv., Lfg. 2, (47-120).

Pseudoheligmus sinuatus n. sp. **Douvillé**, H. Ann. paléont., **2**, 1907, (12, pl. i fig. 8).

Vulsella arnaudi n. sp. **Douvillé**, H. t. c. (21, pl. i, figs. 3-4).

Vulsellopsis n. gen. (type *Vulsella caillaudi* Zittel, *V. tissoti* n. sp. **Douvillé**, H. t. c. (17, pl. ii, figs. 9, 10).

2231.45 PALAEOZOIC (GENERAL).

Aviculopecten richthofeni n. sp. China. **Girty**, G. H. Washington, Smithson., Inst., U. S. Nation. Mus., Proc., **33**, 1907, (47-48).

2231.50 LOWER PALAEOZOIC.

Ilionia (?) *parvula* n. sp. Canada. **Whiteaves**, J. F. Geol. Surv. Can., Pal. Fossils, **3**, 1906, (288).

Pterinea occidentalis n. sp. Canada. **Whiteaves**, J. F. t. c. (287).

2231.55 UPPER PALAEOZOIC.

Actinopteria fronsacia n. sp. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (195-201).

Allorisma ? *albequus* n. sp. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **4**, 1907, (150-171, with pl.).

Anthracosia. **Schmidt**, A. Centralbl. Min., **1907**, (239-242).

Astarte paularensis n. sp. Carnian Alps. **Gortani**, M. Roma, Boll. Soc. geol. ital., **24**, 1905, (564).

Avicula nn. spp. **Gortani**, M. Riv. ital. paleont., **12**, 1906, (93-131).

Aviculopecten nn. spp. Maine and Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (195-201).

————— *carnicus* n. sp. **Gortani**, M. Palaeontogr. ital., **12**, 1906, (50).

————— *incarojanus* n. sp. Carnian Alps. **Gortani**, M. Roma, Boll. Soc. geol. ital., **24**, 1905, (560).

————— *oklahomaensis* n. sp. Oklahoma and Texas. **Beede**, J. W. Law-

rence, Kan. Univ. Sci. Bull., 4, 1907, (150-171), with pl.).

Cardiomorpha simplex n. sp. Maine. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (227-233).

Carydium elongatum n. sp. New Brunswick, Devonian. Clarke, J. M. t. c. (221-227).

Cassianella stachei n. sp. Gortani, M. Riv. ital. paleont., 12, 1906, (93-131).

Conocardium incarcerationum n. sp. New Brunswick. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (234-237).

———— *taramelli* n. sp. Carnian Alps. Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (565).

Cypricardella nn. spp. New Brunswick and Maine. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (227-233).

———— Hall (*Microdon* Conrad preoc.) Cockerell, T. D. A. Amer. Geol., 36, 1905, (330).

Cypricardinia magna n. sp. Maine. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (227-233).

Cyrtodonta muscula n. sp. Maine. Clarke, J. M. t. c. (211-221).

Cyrtodontarca nn. spp. Oklahoma and Texas. Beede, J. W. Lawrence, Kan. Univ. Sci. Bull., 4, 1907, (150-171, with pl.).

Edmondia nn. spp. Oklahoma and Texas. Beede, J. W. l. c.

Gervillia incaroiana n. spp. Gortani, M. Riv. ital. paleont., 12, 1906, (93-131).

Goniophora alata n. sp. Ostthuringen. Walther, K. N. Jahrb. Min., Beilagebd 24, 1907, (294).

———— *curvata* n. sp. New Brunswick, Devonian. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (221-227).

———— *peracuta* n. sp. Drevermann, F. Frankfurt a. M., Ber. Senckenb. Ges., 1907, (128).

Grammysia modiomorphae n. sp. Maine. Clarke, J. M. Albany, N. Y.,

St. Educ. Dept., Mus. Bull., No. 107, 1907, (221-227).

Hoernesia pironai n. sp. Gortani, M. Riv. ital. Paleont., 12, 1906, (93-131).

Leptodomus nn. spp. Maine. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (221-227).

Liebea dieneri n. sp. Gortani, M. Riv. ital. paleont., 12, 1906, (93-131).

Limoptera rosieri n. sp. Quebec. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (195-201).

Lucina. Sobolev, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Lunulicardium convexum n. sp. Quebec. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (234-237).

Macroodus nn. spp. New Brunswick. Clarke, J. M. l. c.

Megambonia denysia n. sp. Quebec. Clarke, J. M. l. c. (211-221).

Modiella modiola n. sp. Quebec. Clarke, J. M. t. c. (221-227).

Modiomorpha nn. spp. New Brunswick and Maine. Clarke, J. M. t. c. (211-221).

Myalina irregularis n. sp. Drevermann, F. Frankfurt a. M., Ber. Senckenb. Ges., 1907, (129).

———— *pterinaeoides* n. sp. Maine. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (211-221).

Myophoria cornica n. sp. Gortani, M. Riv. ital. paleont., 12, 1906, (93-131).

Myophoropsis carbonifera n. sp. Carnian Alps. Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (563).

Mytilarca dalhousie n. sp. New Brunswick. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (211-221).

Nucula. Sobolev, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Nuculana securis n. sp. New Brunswick. Clarke, J. M. Albany, N. Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (227-233).

Palaeonodonta. **Schmidt**, A. *Centralbl. Min.*, **1907**, (239-242).

Palaeonilo nn. spp. Maine and New Brunswick. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (227-233).

Pecten nn. spp. **Gortani**, M. *Riv. ital. paleont.*, **12**, 1906, (93-131).

Pholadella dahmeri n. sp. **Drevermann**, F. Frankfurt a. M., *Ber. Senckenb. Ges.*, **1907**, (130).

Pleurophorus? *albequus* n. sp., *P. a. var. longus* n. var. Oklahoma and Texas. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **4**, 1907, (150-171, with pl.).

Praecardium angulatum n. sp. Ostthüringen. **Walther**, K. *N. Jahrb. Min., Beilagebd.* **24**, 1907, (295).

Prosocoelus pes-anseris var. *occidentalis* n. var. Maine, Devonian. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (221-227).

Pseudomonotis nn. spp. **Gortani**, M. *Riv. ital. paleont.*, **12**, 1906, (93-131).

Pterinea nn. spp. New Brunswick and Maine, Devonian. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (201-211).

Pterinopecten nn. spp. New Brunswick and Maine. **Clarke**, J. M. *t.c.* (195-201).

Pteronitella nn. spp. New Brunswick and Maine. **Clarke**, J. M. *t.c.* (211-221).

Schizodus? *oklahomaensis* n. sp. Oklahoma. **Beede**, J. W. Lawrence, Kan. Univ. Sci. Bull., **4**, 1907, (150-171, with pl.).

Sphenotus elli n. sp. New Brunswick, Devonian. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. **107**, 1907, (221-227).

2231.65 TRIASSIC.

Amonotis rothpletzi n. sp. Ostindien. **Wanner**, J. N. *Jahrb. Min., Beilagebd.* **24**, 1907, (193).

Daonella lilintana n. sp. Ostindien. **Wanner**, J. *t.c.* (194).

Halobia nn. spp. Ostindien. **Wanner**, J. *t.c.* (206-208).

Nucula subcuneata D'Orb. **Mariani**, E. Milano, *Rend. Ist. lomb.*, **39**, 1906, (646-653).

Pleuromya rugosa n. sp. Oberschlesien. **Ahlburg**, J. Berlin, *Abh. geol. Landesanst.*, **50**, 1906, (1-163).

Pseudocorbula perlonga n. sp. Hannover. **Grube**, O. *Unt. Keuper im südl. Hannover*, (65-134).

Unicardium rectangulare sp. n. Oberschlesien. **Ahlburg**, J. Berlin, *Abh. geol. Landesanst.*, **50**, 1906, (1-163).

2231.70 JURASSIC.

Anatina (Ceromya) leonei n. sp. France. **Cossmann**, M. Paris, C. R. ass. franç. avanc. sci., **34**, 1906, (284-297).

Aucella nn. spp. **Pavlov**, A. P. Moskva, *Nouv. Mém. Soc. Nat.*, **17**, 1907, (3-90).

Avicula nn. spp. Appennino. **Fucini**, A. Pisa, *Atti Soc. tosc. Sc. nat.* **21**, 1905, Mem. (58-82, con tav.).

Cardium (Jurassicardium) axonense n. sp. France. **Cossmann**, M. Paris, C. R. ass. franç. avanc. sci., **34**, 1906, (284-297).

Ceratomya calliglypta n. sp. France. **Cossmann**, M. *l.c.*

Ceromya. **Bogdanović**, K. I. St. Peterburg, *Mém. Com. géolog.*, **26**, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

——— *battellii* n. sp. Appennino. **Fucini**, A. Pisa, *Atti Soc. tosc. sc. nat.* **21**, 1905, Mem., (58-82).

Corbicella tancredia n. sp. Pommern. **Schmidt**, M. Berlin, *Abh. geol. Landesanst.*, **41**, 1905.

Corbis aulacophora n. sp. Courmes. **Cossmann**, M. Nice, *Ann. soc. let. sci.*, **20**, 1906, (76, pl. xii, figs. 19-20).

Corbula helictogonia n. sp. Courmes. **Cossmann**, M. *l.c.* (79, pl. x, fig. 2).

Caspidaria brevirostrata n. sp. France. **Cossmann**, M. Paris, C. R. ass. franç. avanc. sci., **34**, 1906, (284-297).

Exogyra gumprechtii n. sp. Pommern. **Schmidt**, M. Berlin, *Abh. geol. Landesanst.*, **41**, 1905.

Gervillella socialis var. *junicularis* n. var. **Schmidt**, M. Stuttgart,

Jahreshefte Ver. Math., **63**, 1907, Beilage, Nr. 3, (76).

Guebardia lucinaeformis n. sp. Courmes. **Cossmann, M.** Nice, Ann. soc. let. sci., **20**, 1906, (78, pl. xii, fig. 1-18).

Inoceramus crispus. **Böhm, J.** Berlin, Monatsber. D. geol. Ges., **1907**, (113-114).

Leda venusta n. sp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

Lima canavarii n. sp. Appennino. **Fucini, A.** Pisa, Atti Soc. tosc. sc. nat. **21**, 1905, Mem., (58-82).

———— *plicatissima* n. sp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

Lithodomus nn. spp. **Borisjak, A.** St.-Peterburg, Mém. Com. geolog. **29**, 1906, (1-22; deutsches Res. 23-35).

Machomya applanata n. sp. France. **Cossmann, M.** Paris, C. R. ass. franç. avanc. sci., **34**, 1906, (284-297).

Modiola nn. spp. **Borisjak, A.** St.-Peterburg, Mém. Com. géolog., **29**, 1906, (1-22; deutsches Res. 23-35).

———— *appenninica* n. sp. Appennino. **Fucini, A.** Pisa, Atti soc. tosc. sc. nat., **21**, 1905, Mem., (58-82).

———— *malfattii* n. sp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

Myophoria nepos n. sp. Toscana. **Fucini, A.** l.c.

Mytilus. **Borisjak, A.** St.-Peterburg, Mém. Com. géolog., **29**, 1906, (1-22; deutsches Res. 23-35, mit 2 Taf.).

———— n. sp. Vicenza. **Campana (Del), G.** Firenze, Pubbl. R. Ist. stud. sup., No. **28**, 1905.

———— *appenninicus* n. sp. Appennino. **Fucini, A.** Pisa, Atti Soc. tosc. sc. nat., **21**, 1905 Mem., (58-82).

Neaera liasina n. sp. Appennino. **Fucini, A.** l.c.

Nucula nn. spp. Appennino. **Fucini, A.** l.c.

Pecten nn. spp. Toscana. **Fucini, A.** Roma, Boll. Soc. geol. ital., **25**, 1906, (613-654).

———— *flusoriensis* n. sp. Appennino. **Fucini, A.** Pisa, Atti Soc. tosc. sc. nat., **21**, 1905, Mem., (58-82).

Pholadomya schafarziki n. sp. **Papp, K.** Kaukasus, **3**, 1907, (155).

Pleuromya merzbacheri n. sp. **Papp, K.** l.c. (158).

Sphaeriola aesinense n. sp. Appennino. **Fucini, A.** Pisa, Atti Soc. tosc. sc. nat., **21**, 1905, Mem., (58-82).

Tancredia recinense n. sp. Appennino. **Fucini, A.** l.c.

Trigonia hauchecornei n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

Unicardium hemirhytideum n. sp. France. **Cossmann, M.** Paris, C. R. ass. franç. avanc. sci., **34**, 1906, (284-297).

Venerupis (?) *camminensis* n. sp. Pommern. **Schmidt, M.** Berlin, Abh. geol. Landesanst., **41**, 1905.

2231.75 CRETACEOUS.

Alectryonia tripolitana n. sp. Tri. polis. **Krumbeck, L.** Palaeontographica, **53**, 1906, (97).

Amathusia luisa n. sp. Patagonien. **Wilckens, O.** Freiburg i. B., Ber. natf. Ges., **15**, 1907, (42).

Anatina nn. spp. New Jersey. **Weller, S.** New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (516-572).

Anomia solitaria n. sp. Patagonien. **Wilckens, O.** Freiburg i. B., Ber. natf. Ges., **15**, 1907, (29).

———— *aupsensis* n. sp. **Répin, J.** Ann. Mus., Marseille, **10**, 1907, (47, pl. xii, figs. 13, 14).

———— *radiata* n. sp. New Jersey. **Weller, S.** New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (442-507).

Arca cureti n. sp. **Répin, J.** Ann. Mus., Marseille, **10**, 1907, (54, pl. viii, fig. 5).

Arcopugia matheroni n. sp. **Répin, J.** l.c. (71, pl. viii, fig. 11).

Astarte nn. spp. Patagonia. **Stanton, T. W.** Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (18-28).

———— *cretaceu* n. sp. **Répin, J.** Ann. Mus., Marseille, **10**, 1907, (57, pl. xi, figs. 15-17).

- Astarte herzogi*, Kr. (?). **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (78, pl. iii, fig. 8).
- *venatorum* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (41).
- Aucella* nn. spp. **Pavlov**, A. P. Moskva, Nouv. Mém. Soc. Nat., 17, 1907, (3–90).
- Aucellina* nn. spp. **Pavlov**, A. P. l.c.
- Avicula (Oxytoma) tardensis* n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11–18).
- *vulgaris* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., 45, 1905, (34).
- Axinea* nn. spp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (371–418).
- Caprinula* n. sp. I. Capri. **Parona**, C. Roma, Rend. Acc. Lincei, 14, 1905, (1° sem. 59–69).
- Caprotina jerseyensis* n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (516–572).
- Cardium* nn. spp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (63, pl. x, fig. 10, pl. xi, fig. 22).
- nn. spp. United States. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (576–620).
- Corbicula crenicostata* n. sp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (64, pl. x, fig. 18).
- Corbis wanneri* n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, 53, 1906, (109).
- Corbula* nn. spp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (74–75, pl. vi, figs. 10–12, pl. xii, figs. 15, 21).
- nn. spp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (626–654).
- *crassitelloides* n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (18–28).
- *vera* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (51).
- Cucullaea antarctica* n. sp. Patagonien. **Wilckens**, O. t.c. (36).
- *concentrica* n. sp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (55, pl. viii, fig. 3)
- *umsinenensis* n. sp. Zululand. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (75, pl. iii, figs. 3–4*).
- *woodburyensis* n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (371–418).
- Cuspidaria jerseyensis* n. sp. New Jersey, Alabama. **Weller**, S. t.c. (516–572).
- Cyrena subglobosa* n. sp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (64, pl. ix, fig. 1).
- Cytherea* (?) sp. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (80, pl. iii, fig. 5).
- *jonscolombi* n. sp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (70, pl. ix, fig. 3).
- *rothi* n. sp. Patagonien. **Wilckens**, O. Freiburg, i. B., Ber. natf. Ges., 15, 1907, (45).
- Entolium* (?) *andersoni* n. sp. Zululand. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (71, pl. ii, fig. 12).
- Eriphyla grigoriewi* n. sp. **Papp**, K. Kaukasus, 3, 1907, (160).
- Exogyra*. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. geolog., 26, 1906, (I–VI, 1–136, deutsch. Rés. 137–175).
- *peroni* n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, 53, 1906, (101).
- Fimbria scalaris* n. sp. **Répelin**, J. Ann. Mus., Marseille, 10, 1907, (61, pl. x, fig. 17).
- Gastrochaena* nn. spp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (626–654).
- Gervillia dentata* Kr. (?). **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (73, pl. i, figs. 13–15).
- *hatcheri* n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11–18).

Glycimeris (?) *griesbachi* n. sp. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul. 1907, (81, pl. iii, fig. 9).

Gryphaea dissimularis n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Haenleinia n. subgen. Böhm, J. Berlin, Monatsber. D. geol. Ges., 1907, (317).

Hippurites atheniensis n. sp. (?) Athènes. Ktenas, C. A. Paris. C. R. Acad. sci., 144, 1907, (697-699).

Inoceramus nn. spp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (6, 9).

———— *volcumbonatus*. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (73, pl. ii, figs. 1-6).

Isocardia cliffwoodensis n. sp. New Jersey. Weller, S. New Jersey, Rep. Geol., Trenton, 1904, 1905, (135); J. Geol., 13, 1905, (326).

———— *rotunda* n. sp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (65, pl. vi, fig. 13).

———— *tintonensis* n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (576-620).

Leda nn. spp. New Jersey, Cretaceous. Weller, S. t.c. (371-418).

———— *clementiae* n. sp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (56, pl. ix, figs. 11-12).

———— *corbuliformis* n. sp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11-18).

———— *minuta* n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (34).

———— *navicula* n. sp. Schaumburg-Lippe. Harbort, E. Berlin, Abh. geol. Landesanst., 45, 1905, (55).

Leptosolen nn. spp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (626-654).

Lima nn. spp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (48, pl. vii, figs. 10, 16).

———— nn. spp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Lima patagonica n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (27).

———— *planicosta* n. sp. Schaumburg-Lippe. Harbort, E. Berlin, Abh. geol. Landesanst., 45, 1905, (42).

Linearia ornatissima n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (576-620).

Liopistha nn. spp. New Jersey. Weller, S. t.c. (516-572).

Lucina fimbriata n. sp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (61, pl. x, fig. 9).

———— *swedesboroensis* n. sp. New Jersey, Mississippi. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (516-572).

Maetra gabrieli n. sp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (74, pl. xii, fig. 10, pl. viii, fig. 12).

———— *pentangularis* n. sp. New Jersey, Cretaceous. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (626-654).

Malletia nn. spp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (34-35).

Margarita plicatilis n. sp. Wolle-mann, A. Berlin, Jahrb. geol. Landesanst., 27, 1906, (259-300).

Martesia argentinensis n. sp. Patagonis. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (18-28).

———— *cazadoriana* n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (51).

Modiola nn. spp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Myopsis (?) *africana* n. sp. Zululand. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (81, pl. i, figs. 9-10).

Mytilus argentinus n. sp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11-18).

———— *decipiens* n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (32).

———— *smocki* n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Neithea quinquocostata J. Sonb. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (70, pl. iv, figs. 8-9).

Nucula nn. spp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (32-33).

———— *pueyrrydonensis* n. sp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11-18).

———— *subcancellata* n. sp. Schaumburg-Lippe. Harbort, E. Berlin, Abh. geol. Landesanst., 45, 1905, (54).

———— *whitfieldi* n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (371-418).

Ostrea. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (69, pl. ii, fig. 7).

———— nn. spp. Archangelskij, A. D. Ježeg geol. i miner., Varšava, 7, 1905, (189-203; rés. fr. 203-215, av. 1 pl.).

———— nn. spp. Répelin, J. Ann. Mus., Marseille, 10, 1907, (46-47, pl. xii, figs. 6-12).

———— nn. spp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (30).

———— *monmouthensis* n. sp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

———— *stolleyi* n. sp. Wollemann, A. Berlin, Jahrb. geol. Landesanst., 27, 1906, (259-300).

———— *tardensis* n. sp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11-18).

Panopaea nn. spp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (47-49).

Parapholas tatei n. sp. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (82, pl. iv, figs. 6-7^a).

Paraucellina krasnopolskii n. sp. Pavlov, A. P. Moskva, Nouv. Mém. Soc. Nat., 17, 1907, (3-90).

Pecten nn. spp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (11-18).

———— nn. spp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Pecten nn. spp. Patagonien. Wilckens, A. Freiburg i. B., Ber. natf. Ges., 15, 1907, (26).

———— *behrensi* n. sp. Wollemann, A. Berlin, Jahrb. geol. Landesanst., 27, 1906, (259-300).

Pholadomya pholadoides n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (50).

———— *quinuana* n. sp. Peru. Neumann, R. N. Jahrb. Min., Beilagebd 24, 1907, (115).

———— *roeberae* n. sp. Wollemann, A. Berlin, Jahrb. geol. Landesanst., 27, 1906, (259-308).

Pinna morenoi n. sp. Patagonien. Wilckens, O. Freiburg i. B., Ber. natf. Ges., 15, 1907, (27).

———— *raricosta* n. sp. Schaumburg-Lippe. Harbort, E. Berlin, Abh. geol. Landesanst., 45, 1905, (45).

Pleuromya sp. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (80, pl. iii, fig. 10).

———— *latisulcata* n. sp. Patagonia. Stanton, T. W. Rep. Princeton Univ. Exp. Patagonia, 4, 1901, (18-28).

Plicatula nn. spp. New Jersey. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (442-507).

Plicatulopecten n. gen., *P. böhmi* n. sp. Peru. Neumann, R. N. Jahrb. Min., Beilagebd 24, 1907, (104).

Protocardium (?) *cinctutum* n. sp. Zululand. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (77, pl. iii, figs. 6 and 7).

———— *jerseyensis* n. sp. New Jersey, Cretaceous. Weller, S. New Jersey Geol. Surv., Paleont. Ser., 4, 1907, (576-620).

Pseudavicula (?) *africana* n. sp. Zululand. Etheridge, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., 1907, (71, pl. ii, figs. 8-11).

Ptychogyra n. gen., *P. canalifera* n. sp. Schaumburg-Lippe. Harbort, E. Berlin, Abh. geol. Landesanst., 45, 1905, (1-112).

Ptychomya elegans n. sp. Schaumburg-Lippe. Harbort, E. *t.c.* (76).

Siliqua aequilatera n. sp. Schaumburg-Lippe. Harbort, E. *t.c.* (73).

Solecortus gratus n. sp. Patagonien.
Wilckens, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (47).

————— *limatus* n. sp. Patagonia, Cretaceous. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (18-28).

————— *longovatus* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (71).

Solen matheroni n. sp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (72, pl. xii, fig. 20).

Spondylus (*Hinnites*?) n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905.

Tapes nn. spp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (67-68, pl. x, fig. 16, pl. xi, fig. 19).

————— *patagonica* n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (18-28).

Tellina ovalis n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (64).

Testacea subariculata, Forb. (?) **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (75, pl. i, figs. 11 and 12).

Thetis schauburgensis n. sp. Schaumburg-Lippe. **Harbort**, Berlin, Abh. geol. Landesanst., **45**, 1905, (62).

Thracia colloti n. sp. **Répelin**, J. Ann. Mus., Marseille, **10**, 1907, (73, pl. xii, fig. 5).

————— *lenticularis* n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (50).

Trigonarca cliffwoodensis n. sp. New Jersey, North Carolina. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (371-418).

Trigonia. **Bogdanovič**, K. I. St. Peterburg, Mém. Com. géolog., **26**, 1906, (I-VI, 1-136, deutsch. Rés. 137-175).

————— nn. spp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (18-28).

————— nn. spp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (37).

(K-1769)

Trigonia beyrichi n. sp. Tripolis. **Krumbeck**, L. Palaeontographica, **53**, 1906, (104).

————— *kümmelli* n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (442-507).

————— *ventricosa*, Kr. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (76, pl. i, figs. 7-8).

Turnus dubius n. sp. Patagonia. **Stanton**, T. W. Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (18-28).

————— *kümmeli* n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (626-654).

Unio priscus var. *abbreviatus* n. var., *U. supenawensis* n. sp. Montana. **Stanton**, T. W. Washington, D.C., Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (108-117).

Vaccinites (*Pionona*) *polystylus*. **Dainelli**, G. Roma, Boll. soc. geol. ital., **24**, 1905, (119-136).

Veniella (?) *sanctae-luciensis* n. sp. Zululand. **Etheridge**, fil. Pietermaritzburg, Rep. Surv. Natal Zulul., **1907**, (79, pl. iii, figs. 1-2).

Venus nn. spp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (46).

Yoldia cliffwoodensis n. sp. New Jersey. **Weller**, S. New Jersey Geol. Surv., Paleont. Ser., **4**, 1907, (371-418).

2231.80 CAENOZOIC (TERTIARY) (GENERAL).

Astarte syltensis n. sp. Jutland. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., **3**, 1907, (217-384).

Crucibulum (*Bicatillus*) *extinctorium*. **Martin**, K. Leiden, Samml. Geol. Reichsmus., **1**, 1906, (250).

Cytherea vasconum n. sp. Biarritz. **Oppenheim**, P. Berlin, Zs. D. geol. Ges., **58**, 1906, (80).

Dosinia magellanica n. sp. Patagonia. **Ortmann**, A. E. Rep. Princeton Univ. Exp. Patagonia, **4**, 1902, (78-145).

Lucina neglecta n. sp. Patagonia. **Ortmann**, E. A. Rep. Princeton Univ. Exp. Patagonia, **4**, 1902, (78-145).

Mactra garretti n. sp. Patagonia. **Ortmann**, A. E. t.c. (145-200).

Modulus precangerensis n. sp. Java. **Martin**, K. Leiden, Samml. Geol. Reichsmus., **1**, 1905, (221).

Nucula billeborgensis n. sp. Jutland. **Ravn**, J. P. J. Kjöbenhavn, Vid. Selsk. Skr., **3**, 1907, (217-384).

Panopea pilsbryi n. sp. Patagonia. **Ortmann**, A. E. Rep. Princeton Univ. Exp. Patagonia, **4**, 1902, (145-200).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Arca biloba n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).

Arcopagca namnetensis n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Asaphinella gonetensis n. sp. Loire inférieure. **Cossmann**, M. l. c.

Atopodonta namnetensis n. sp. Loire inférieure. **Cossmann**, R. l. c.

Berthelinia elongata n. sp. Loire inférieure. **Cossmann**, M. l. c.

Cardium nn. spp. Loire inférieure. **Cossmann**, M. l. c.

——— (*Lithocardium*) *gasperinii* n. sp. Dalmazia. **Dainelli**, G. Roma, Boll. Soc. geol. ital., **25**, 1906, (453-494).

Circe nn. spp. Loire inférieure. **Cossmann**, M. Nantes, Bull. Soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Coralliophaga vermiculus n. sp. Loire inférieure. **Cossmann**, M. l. c.

Corbicula bastrotiaeformis n. sp. Loire inférieure. **Cossmann**, M. l. c.

Crassatella nn. spp. Loire inférieure. **Cossmann**, M. l. c.

Cultellus rectimargo n. sp. Loire inférieure. **Cossmann**, M. l. c.

Cuspidaria gonetensis n. sp. Loire inférieure. **Cossmann**, M. l. c.

Diplodontia difficilis n. sp. Loir inférieure. **Cossmann**, M. l. c.

Divaricella namnetensis n. sp. Loire inférieure. **Cossmann**, M. l. c.

Donax nn. spp. Loire inférieure. **Cossmann**, M. l. c.

Erycina nn. spp. Loire inférieure. **Cossmann**, M. l. c.

Gastranopsis n. gen., *G. bureaui* n. sp. Loire inférieure. **Cossmann**, M. l. c.

Gobraeus dumasi n. sp. Loire inférieure. **Cossmann**, M. l. c.

Hindsiella bourdoti n. sp. Loire inférieure. **Cossmann**, M. l. c.

Inoceramus relictus n. sp. Torriglia. **Issel**, A. Roma, Boll. Soc. geol. ital., **25**, 1906, (1-58).

Jouannetia gonetensis n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Leda inopinata n. sp. Loire inférieure. **Cossmann**, M. l. c.

Lepton dumasi n. sp. Loire inférieure. **Cossmann**, M. l. c.

Lithocardium dilatatum n. sp. Loire inférieure. **Cossmann**, M. l. c.

Martesia nn. spp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Meretrix nn. spp. Loire inférieure. **Cossmann**, M. l. c.

Microstagon nn. spp. Loire inférieure. **Cossmann**, M. l. c.

Modiola merriami n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).

Namnetia discoides n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (ser 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Oryctomya splendida n. sp. Loire inférieure. **Cossmann**, M. l. c.

Ostrea nn. spp. Archangelskij, A. D. Ježeg geol. i miner., **7**, 1905, (189-203; rés. fr. 203-215, av. 1 pl.).

Pecten (*Chlamys* ?) *gneziana* n. sp. California. **Arnold**, R. Washington, Smithson. Inst., Misc. Collect., **Q.**, **50**, 1907, (8-10).

Phacoides nn. spp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Scintilla gonetensis n. sp. Loire inférieure. **Cossmann**, M. l. c.

Solen stantoni n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).

Sphenia haudradiata n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Sportella namnetensis n. sp. **Cossmann**, M. *l.c.*

Tellina nn. spp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér. 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

———— *martinezensis* n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).

Teredo pissaroi n. sp. Loire inférieure. **Cossmann**, M. Nantes, Bul. soc. sci. nat., (sér 2), **5**, 1905, (135-189); **6**, 1906, (189-318).

Thracia karquinesensis n. sp. California. **Weaver**, C. E. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (101-123).

Unio nn. spp. Montana. **Whitfield**, R. P. New York, Bull. Amer. Mus., **23**, 1907, (623-628, with pl.).

2231.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Aequipecten nn. spp. Sardegna. **Ugolini**, R. Palaeontogr. ital., **12**, 1906, (164, 178).

Arca nn. spp. California. **Osmont**, V. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1904, (89-100, with 4 pl.).

———— *kannegieteri* n. sp. Nias. **Icke**, H. und **Martin**, K. Leiden, Samml. Geol. Reichsmus., **8**, 1907, (247).

Cardium platowi n. sp. **Bogačev**, V. St. Peterburg, Bull. Com. géolog., **24**, 1905, (159-181; rés. fr. 181-185).

———— **Pavlova**, M. Ježeg. geolog. i miner., **7**, I, 1905, (129-140; rés. fr. 119-129, av. 1 pl.).

———— *quadrigenarium* var. *fernandoensis* n. var. California. **Arnold**, R. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., **32**, 1907, (534-539).

Chania nn. spp. Nias. **Icke**, H. und **Martin**, K. Leiden, Samml. Geol. Reichsmus., **8**, 1907, (248).

Chlamys plubiensis n. sp. Sardegna. **Ugolini**, R. Palaeontogr. ital., **12**, 1906, (160).

———— *subalpina* n. sp. Italia. **Ugolini**, R. Roma, Boll. Soc. geol. ital., **25**, 1906, (786-794, con fig.).

Flelopecten sardous n. sp. Sardegna. **Ugolini**, R. Palaeontogr. ital., **12**, 1906, (180).

Gigantopecten variradiatus n. sp., nn. varr. Sardegna. **Ugolini**, R. *l.c.* (190-191).

Inaequipecten n. gen., *I. lovisatoi*, *I. arboreanensis* nn. spp., *I. tournali* var. *pseudo-tournali* n. var. Sardegna. **Ugolini**, R. *l.c.* (192-196).

Leda orcutti n. sp. California, Pliocene. **Arnold**, R. Washington, Smithsonian. Inst., Misc. Collect., Q., **50**, 1907, (17-20).

Lucina pollii n. sp. Nias. **Icke**, H. und **Martin**, K. Leiden, Samml. Geol. Reichsmus., **8**, 1907, (250).

Lyropecten nodosiformis var. *miocos-tulata* n. var. **Ugolini**, R. Palaeontogr. ital., **12**, 1906, (154-206).

Maetra. **Pavlova**, M. Ježeg. geol. i miner., Varšava, **7**, 1905, (129-140; rés. fr. 119-129, av. 1 pl.).

———— nn. spp. **Andrusov**, N. St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (289-449, mit 2 Taf.).

Modiolus ynezianus n. sp. California. **Arnold**, R. Washington, Smithsonian. Inst., Misc. Collect., Q., **50**, 1907, (10-16).

Mytilus mathewsonii var. *expansus* n. var. California. **Arnold**, R. Washington, Smithsonian. Inst., U. S. Nation. Mus., Proc., **32**, 1907, (528-532).

Ostrea eldridgei n. sp. California. **Arnold**, R. *l.c.*

Pecten (*Chlamys*) *lioicus* n. sp. Alaska. **Dall**, W. H. Amer. J. Sci., **23**, 1907, (457-458, with text fig.).

———— *macphersoni* Berg. **Ugolini**, R. Roma, Boll. Soc. geol. ital., **25**, 1906, (760-764, con fig.).

———— (*Pecten*) *vavvlecki* n. sp. California. **Arnold**, R. Washington, Smithsonian. Inst., Misc. Collect., Q., **50**, 1907, (11-16).

Phacoides nuttallii var. *antecedens* n. var. California. **Arnold, R. t.c.** (17-20).

Pholas nn. spp. **Bogačev, V.** St. Peterburg, Bull. Com. géolog., **24**, 1905, (159-181, rés. fr. 181-185).

Psephidia barbarensis n. sp. California. **Arnold, R.** Washington, Smithson. Inst., Misc. Collect., Q., **59**, 1907, (20-23).

Spisula catilliformis var. *alcatazensis* n. var., *S. sisquocensis* n. sp. California. **Arnold, R. t.c.** (17-20).

Tapes curta n. sp. **Andrusov, N.** St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (289-449, mit 2 Taf.).

———— *secundus* n. sp. **Bogačev, V.** St. Peterburg, Bull. Com. géolog., **24**, 1905, (159-181; rés. fr. 181-185).

Venericardia yatesi n. sp. California. **Arnold, R.** Washington, Smithson. Inst., Misc. Collect., Q., **59**, 1907, (20-23).

Venerupis. **Andrusov, N.** St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (289-449, mit 2 Taf.).

Vola planariae (*Pecten*). **Meli, R.** Roma, Boll. Soc. zool. ital., **6**, 1905, (257-261).

2231.95 PLEISTOCENE AND RECENT.

Mytilus edulis. **Knipovič, N.** St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (271-277).

SCAPHOPODA.

2231.65 TRIASSIC.

Dentalium nn. spp. Seiser Alp. **Broili, F.** Palaeontographica, **54**, 1907, (71).

———— *regulare* n. sp. Oberschlesien. **Ahlburg, J.** Berlin, Abh. geol. Landesanst., **50**, 1906, (1-163).

2231.75 CRETACEOUS.

Dentalium cazadorianum n. sp. Patagonien. **Wilckens, O.** Freiburg i. B., Ber. Natf. Ges., **15**, 1907, (25).

———— *duodecim plicatum* n. sp. **Répepin, J.** Ann. Mus., Marseille, **10**, 1907, (16, pl. i, fig. 12-13).

Dentalium (*Laevidentalium*) *limatum* n. sp. Patagonia. **Stanton, T. W.** Rep. Princeton Univ. Exp. Patagonia, **4**, 1901, (28-35).

2431 ARTHROPODA INCLUDING INSECTA.

PALAEODICTYOPTERA.

2431.55 UPPER PALAEOZOIC.

Acanthodictyon n. gen. for *Termes decheni* Goldenb. **Handlirsch, A.** Foss. Insekten (72).

Aenigmatodes n. gen. *A. danielsi* n. sp. N. Amer. **Handlirsch, A. t.c.** (116).

Anagasthes n. gen. for *Termes affinis* Goldenb. **Handlirsch, A. t.c.** (70).

Apopappus n. gen. for *Spilaptera guernei* Brongn. **Handlirsch, A. t.c.** (100).

Bathytaptus n. gen. *B. falcipennis* n. sp. N. Amer. **Handlirsch, A. t.c.** (119).

Breyeriodes n. gen. *B. kliveri* n. sp. Rheinland. **Handlirsch, A. t.c.** (118).

Campteroneura n. gen. *C. reticulata* n. sp. N. Amer. **Handlirsch, A. t.c.** (118).

Catadyesthus n. gen. for *Acridites priscus* Andr. **Handlirsch, A. t.c.** (87).

Dictyoneura Goldenb. i. l. nn. spp. Deutschland. **Handlirsch, A. t.c.** (78).

Dictyoneurula n. gen. for *Dictyoneura gracilis* Kl. **Handlirsch, N. t.c.** (75).

Epithe n. gen. for *Spilaptera meunieri* Brongn. **Handlirsch, A. t.c.** (103).

Eubleptus n. gen. *E. danielsi* n. sp. N. Amer. **Handlirsch, A. t.c.** (111-112).

Eumecoptera n. gen. for *Termes laxus* Goldenb. **Handlirsch, A. t.c.** (73).

Eurytaenia n. gen. *E. virginiana* n. sp. Amer. **Handlirsch, A. t.c.** (85).

Eurythmopteryx n. gen. *E. antiqua* n. sp. N. Amer. **Handlirsch, A. t.c.** (86).

Gegenemene n. gen. for *Dictyoneura sinuosa*. Kliver. **Handlirsch, A. t.c.** (76).

Graphiptiloides n. gen. for *Graphiptilus williamsoni* Brongn. Handlirsch, A. t.c. (92).

Hadroneuria n. gen. for *Gryllacris bohemia* Now. Handlirsch, A. t.c. (84).

Heolus n. gen. *H. providentiae* n. sp. N. Amer. Handlirsch, A. t.c. (94).

Homaloneurina n. gen. for *Homaloneura bonnierii*. Brongn. Handlirsch, A. t.c. (106).

Homaloneurites n. gen. for *Homaloneura joannae*. Brongn. Handlirsch, A. t.c. (107).

Homoephlebis n. gen. for *Homoioptera gigantea*. Agn. Handlirsch, A. t.c. (92).

Hypermegethes n. gen., *H. schucherti* n. sp. N. Amer. Handlirsch, A. t.c. (81).

Leipsanon n. gen., *L. reticulatum* n. sp. Belgien. Handlirsch, A. t.c. (120).

Lycocercus n. gen. for *Dictyonera goldenbergi*. Brongn. and *L. brongniarti* n. sp. Frankreich. Handlirsch, A. t.c. (89).

Mammia n. gen. *M. alutacea* n. sp. Illinois. Handlirsch, A. t.c. (68).

Megaptiloides n. gen. for *Megaptilus brodiei* Brongn. Handlirsch, A. t.c. (97).

Metropator n. gen., *M. pusillus* n. sp. N. Amer. Handlirsch, A. t.c. (112).

Orthogonophora n. gen., *O. distincta* n. sp. N. Amer. Handlirsch, A. t.c. (119).

Paläodictyopteron nn. spp. England, Illinois, Virginia. Handlirsch, A. t.c. (62, 63, 125).

Paläotaptus n. gen., *P. mazonus* n. sp. N. Amer. Handlirsch, A. t.c. (119).

Paramegaptilus n. gen. for *Megaptilus scudderi*. Brongn. Handlirsch, A. t.c. (118).

Parapaolia n. gen. for *Paolia superba*. Scudd. Handlirsch, A. t.c. (121).

Polycyagra n. gen., *P. elegans* n. sp. N. Amer. Handlirsch, A. t.c. (110-111).

Pseudofouquea n. gen. for *F. cambrensis*. All. Handlirsch, A. t.c. (125).

Pseudohomothetus n. gen. for *Homocerus* Matth. Handlirsch, A. t.c. (121).

Pseudopalingenia n. gen. for *Palfeistmanteli* Fritsch. Handlirsch, A. t.c. (124).

Pseudopaolia n. gen. for *Paolia lacoana*. Scudd. Handlirsch, A. t.c. (120).

Recula n. gen. Handlirsch, A. t.c. (128).

Sagenoptera n. gen., *Termes formosus* Goldenb. Handlirsch, A. t.c. (72).

Spiloptilus n. gen. Handlirsch, A. t.c. (100).

Stilbocrocis n. gen. for *Termes heeri*. Goldenb. Handlirsch, A. t.c. (74).

Stygne n. gen., *S. roemeri* n. sp. Schlesien. Handlirsch, A. t.c. (115-116).

Titanodictya n. gen. for *Titanophasma jucunda*. Scudder. Handlirsch, A. t.c. (68).

ORTHOPTERA.

2431.55 UPPER PALAEOZOIC.

Adeloblatta n. gen. for *Progonoblattina columbiana*. Scudd. Handlirsch, A. t.c. (186).

Agogoblattina n. gen. for *Oryctoblattina occidua*. Scudd. Handlirsch, A. t.c. (170).

Amorphoblatta n. gen., *A. brongniarti* n. sp. Frankreich. Handlirsch, A. t.c. (186).

Aphthoroblattina n. gen. for *Eto-blattina johnsoni* etc. Handlirsch, A. t.c. (183).

Apotypoma n. gen., *A. longa*, *A. platyptera* nn. spp. Bohmen. Handlirsch, A. t.c. (196).

Archoblattina scudderi n. sp. N. Amer. Handlirsch, A. t.c. (193).

Asemoblatta brongniartiana n. sp. Frankreich. Handlirsch, A. t.c. (203).

Auranoblatta n. gen., *A. saxonica* n. sp. Deutschland. Handlirsch, A. t.c. (201-202).

Blattinopsis anthracina n. sp. N. Amer. Handlirsch, A. t.c. (160).

Blattoidea nn. spp. N. Amer. Handlirsch, A. t.c. (179-180).

Camptophlebia n. gen. for *Dictyonera clarinervis* Mel. Handlirsch, A. t.c. (130).

Cardioblatta n. gen. for *Mylacridium fritschi* Schl. Handlirsch, A. t.c. (231).

Cnemidolestes n. gen. for part of *Protophasma*. Handlirsch, A. t.c. (135).

Deichmülleria n. gen. for *Etoblattina ornaticissima* Deichm. Handlirsch, A. t.c. (352).

Dictyoblatta n. gen. for *Blattina dresdensis* Gein. Handlirsch, A. t.c. (184).

Dieconeurites n. gen. for *D rigidus* Scudd. Handlirsch, A. t.c. (133).

Dromoblatta n. gen. for *Anthracoblattina sopita* Scudd. Handlirsch, A. t.c. (352).

Dysmenes n. gen. for *Etoblattina illustris*. Handlirsch, A. t.c. (194).

Elaphroblatta n. gen. for *Anthracoblattina ensifer*. Handlirsch, A. t.c. (190).

Eoblatta n. gen. for *Leptonewa robusta* Brongn. Handlirsch, A. t.c. (155).

Eucaenus rotundatus n. sp. N. Amer. Handlirsch, A. t.c. (165).

Eumorphoblatta n. gen. for *Necymylacris heros* Scudd. Handlirsch, A. t.c. (195).

Gerapompus schucherti n. sp. N. Amer. Handlirsch, A. t.c. (166).

Gerarus nn. spp. N. Amer. Handlirsch, A. t.c. (147-148).

Glaphyrophlebia n. gen. *G. pusilla* n. sp. N. Amer. Handlirsch, A. t.c. (161).

Gondwanoblatta n. gen. *G. reticulata* n. sp. Kaschmir. Handlirsch, A. t.c. (351-352).

Gongyoblatta n. gen. *G. fritschi* n. sp. Böhmen. Handlirsch, A. t.c. (198).

Gyoblatta n. gen. for *Etoblattina clarkii* Scudd. Handlirsch, A. t.c. (193).

Gyrophlebia n. gen. *G. longicollis* n. sp. N. Amer. Handlirsch, A. t.c. (129).

Hesperoblatta n. gen. *H. abbreviata* n. sp. Frankreich. Handlirsch, A. t.c. (192).

Kinklidoblatta n. gen. for *Etoblattina lesquereuxii* Scudd. Handlirsch, A. t.c. (185).

Kinklidoptera n. gen., *K. vicina* n. sp. Böhmen. Handlirsch, A. t.c. (185).

Megalometer n. gen. *M. lata* n. sp. N. Amer. Handlirsch, A. t.c. (169).

Mesitoblatta n. gen., *M. brongniarti* n. sp. Frankreich. Handlirsch, A. t.c. (187-188).

Mesoblattopsis n. gen. for *Mesoblattina bensoni* Scudd. Handlirsch, A. t.c. (428).

Metacheliphlebia n. gen. for *C. elongata* Scudd. Handlirsch, A. t.c. (132).

Metryia n. gen. *M. analis* n. sp. N. Amer. Handlirsch, A. t.c. (133).

Miaroblatta n. gen. *M. elata* n. sp. Frankreich. Handlirsch, A. t.c. (201).

Oryctoblattina nn. spp. N. Amer. Handlirsch, A. t.c. (157).

Oryctomylabris n. gen. for *Oryctoblattina oblonga* Deichm. Handlirsch, A. t.c. (346).

Pachyneuroblattina n. gen. *P. rigida* n. sp. Deutschland. Handlirsch, A. t.c. (433).

Palaeoblatta n. gen. for *Archimylacris paucinerva* Scudd. Handlirsch, A. t.c. (182).

Paracheliphlebia n. gen. for *C. extensa* Mel. Handlirsch, A. t.c. (131).

Parahomalophlebia n. gen. for *H. courtini* Brongn. Handlirsch, A. t.c. (137).

Parelthoblatta n. gen. for *Archimylacris belgica* Handl. Handlirsch, A. t.c. (183).

Phauloblatta n. gen. for *Blattina clathrata* Heer. Handlirsch, A. t.c. (350).

Phoberoblatta n. gen. *P. grandis* n. sp. N. Amer. Handlirsch, A. t.c. (194-195).

Phyloblatta nn. spp. Deutschland, Frankreich. Handlirsch, A. t.c. (205-207, 222).

Plagioblatta n. gen., *P. campbelli* n. sp. N. Amer. Handlirsch, A. t.c. (191).

Platyblatta n. gen. for *Etoblattina steinbachensis* etc. Handlirsch, A. t.c. (197).

Polyetes n. gen., *P. furcifer* n. sp. N. Amer. Handlirsch, A. t.c. (170).

Polyetoblatta n. gen., *P. calopteryx* n. sp. N. Amer. Handlirsch, A. t.c. (184).

Progenentomum n. gen., *P. carbonis* n. sp. Handlirsch, A. t.c. (145).

Progonoblattina heeri n. sp. Schweiz. Handlirsch, A. t.c. (230).

Proteremr n. gen. for *Blattena rarinervis* Göpp. Handlirsch, A. t.c. (381).

Protoblattoidea nn. spp. N. Amer. Handlirsch, A. t.c. (152).

Pseudoblattina n. gen. for *Etoblattina reliqua* Scudd. Handlirsch, A. t.c. (169).

Pseudofulgora n. gen. for *Fulgora ebersi* Dohrn. Handlirsch, A. t.c. (347).

Schizoblatta n. gen. *S. alutacea* n. sp. N. Amer. Handlirsch, A. t.c. (191-192).

Sooblatta n. gen. for *Blattina lanceolata* Sterz. Handlirsch, A. t.c. (188).

Soomylacris n. gen. for *Etoblattina deanensis* Scudd. Handlirsch, A. t.c. (259).

Spaniodera n. gen., *S. ambulans* n. sp. N. Amer. Handlirsch, A. t.c. (129).

Stenoneurites n. gen. for *St. maximi* Brongn. Handlirsch, A. t.c. (153).

Stephanoblatta n. gen. for *Etoblattina gaudryi* Agn. Handlirsch, A. t.c. (202).

Sterzelia n. gen. for *Etoblattina steinmanni* St. Handlirsch, A. t.c. (197).

Syncoptoblatta n. gen., *S. thoracica* n. sp. Frankreich. Handlirsch, A. t.c. (199-200).

Sysciophlebia oligoneura n. sp. Deutschland. Handlirsch, A. t.c. (244).

——— *reticulata* n. sp. Liévin. Meunier, F. Paris, Bul. soc. ent., 1907, (222-223).

Thoronyxis n. gen. for *Oedischia ingbertensis* Brongn. Handlirsch, A. Foss. Insekten (139).

Acridomima n. gen. for *Acridiites desperditus* Heer. Handlirsch, A. t.c. (422).

Actinoblattula n. gen. *A. brodiei* n. sp. England. Handlirsch, A. t.c. (434).

Artitocoblatta n. gen. für *Rithma gossii* Scudder. Handlirsch, A. t.c. (529).

Blattula n. gen., *B. ancilla*, *B. debilis*, *B. geinitzi*, *B. pusillima* nn. spp. Deutschland. Handlirsch, A. t.c. (431-433).

Caloblattina n. gen. for part of *Blattina*. Handlirsch, A. t.c. (429).

Conocephalites n. gen. für *Conocephalus capito* Deichmüller. Handlirsch, A. t.c. (518).

Cyrtophylites musicus n. sp. Deutschland. Handlirsch, A. t.c. (521).

Durdlestoneia n. gen. für *Rithma antiqua* Giebel. Handlirsch, A. t.c. (532).

Elcana nn. spp. Deutschland, England. Handlirsch, A. t.c. (413-420, 516-518).

Elisama scudderi n. sp. England. Handlirsch, A. t.c. (531).

Geinitzia n. gen., *G. debilis*, *G. minor* nn. spp. Deutschland. Handlirsch, A. t.c. (427).

Gomphocerites heeriana n. sp. Schweiz. Handlirsch, A. t.c. (423).

Hagla anglica n. sp. England. Handlirsch, A. t.c. (425).

Haglodes n. gen. for *Hagla similis*. Handlirsch, A. t.c. (425).

Hagloopsis n. gen. for *Orthophlebia paral'eta* Gieb. Handlirsch, A. t.c. (426).

Heterophlebia geinitzi n. sp. Deutschland. Handlirsch, A. t.c. (467).

Liadoblattina n. gen. for *Mesoblattina blakei* Scudd. Handlirsch, A. t.c. (428).

Liadolocusta n. gen., *L. auscaltans* n. sp. England. Handlirsch, A. t.c. (423).

Lithoblatta n. gen. für *Musca lithophila*. German. Handlirsch, A. t.c. (529).

Locustopsis n. gen., *L. dobertinensis*, *L. elegans*, *L. elongata* nn. spp.

2431.70 JURASSIC.

Achaetites n. gen. für *Acheta sedgwicki* Brodie. Handlirsch, A. Foss. Insekten, (523).

Deutschland. **Handlirsch, A. t.c.** (421-422).

Malmoblattina n. gen. für *Mesoblattina brodiei* Scudder. **Handlirsch, A. t.c.** (528).

Megalocerca n. gen., *M. longipes* n. sp. Deutschland. **Handlirsch, A. t.c.** (540).

Mesoblattina nn. spp. England, Deutschland. **Handlirsch, A. t.c.** (535-537).

Mesoblattula n. gen., *M. dobber-
tiniana*, *M. geinitziana* nn. spp. Deutschland. **Handlirsch, A. t.c.** (403).

Mesogryllus n. gen. für *Blattidium
achelous* Westw. **Handlirsch, A. t.c.** (523).

Nannoblattina brodiei n. sp. Eng-
land. **Handlirsch, A. t.c.** (534).

Ophismoblatta n. gen. für *Blattina
sibirica* Brauer. **Handlirsch, A. t.c.** (526).

Parlecana n. gen., *P. tenuis* n. sp. Deutschland. **Handlirsch, A. t.c.** (420-421).

Phanopterites n. gen. für *Phanoptera
germari*. **Handlirsch, A. t.c.** (519).

Protogryllus n. gen., *P. femina* n. sp. Deutschland. **Handlirsch, A. t.c.** (424).

Pseudocarabites n. gen. for *Carabites
deplanatus* Heer. **Handlirsch, A. t.c.** (401).

Pseudogryllacris n. gen. für *Gryllacris
propinqua* Deichmüller. **Handlirsch, A. t.c.** (521).

Pseudohumbertiella n. gen. für *Humbertiella
grandis* Brauer. **Handlirsch, A. t.c.** (522).

Pycnophlebia minor n. sp. Deutsch-
land. **Handlirsch, A. t.c.** (520).

Rhipidoblattina n. gen. für *Mesoblattina
bucklandi* Scudder. **Handlirsch, A. t.c.** (429, 530).

Schambeloblattina n. gen. for *Blattina
formosa* Heer. **Handlirsch, A. t.c.** (433).

Zalmonites n. gen., *L. Geinitzi* n. sp. Deutschland. **Handlirsch, A. t.c.** (422).

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Gryllacris kittli n. sp. Kroatien. **Handlirsch, A. Foss. Insekten, 1907,** (684).

Gryllus fuchsi n. sp. Kroatien. **Handlirsch, A. t.c.** (685).

NEUROPTERA.

2431.55 UPPER PALAEOZOIC.

Bantiska n. gen., *B. elongata* n. sp. Kansas. **Sellards, E. H. Amer. J. Sci., 23, 1907,** (345-352).

Doter n. gen., *D. minor* n. sp. Kansas, Permian. **Sellards, E. H. t.c.** (352-355).

Dromeus n. gen., *D. obtusus* n. sp. Kansas. **Sellards, E. H. t.c.** (345-352).

Meganeura nn. spp. Frankreich. **Handlirsch, A. t.c.** (308-309).

Meganeurula n. gen. for *Meganeura
selysii* Brongn. **Handlirsch, A. t.c.** (309).

Pinctodia n. gen., *P. curta* n. sp. Kansas. **Sellards, E. H. Amer. J. Sci., 23, 1907,** (352-355).

Prodromus n. gen., *P. rectus* n. sp. Kansas. **Sellards, E. H. t.c.** (345-352).

Protechma n. gen., *P. acuminatum* n. sp. Kansas. **Sellards, E. H. l.c.**

Protereisma n. gen., *P. permianum*, *P. minus*, *P. latum*, nn spp. Kansas. **Sellards, E. H. l.c.**

Protereisme phemeridae fam. n. Kan-
sas, Permian. **Sellards, E. H. t.c.** (345-355).

Rekter n. gen., *R. arcuatus*, *R. ex-
tensus* nn. spp. Kansas. **Sellards, E. H. l.c.**

Scopus n. gen., *S. gracilis* n. sp. Kan-
sas. **Sellards, E. H. t.c.** (352-355).

Therates n. gen., *T. planus* n. sp. Kansas. **Sellards, E. H. l.c.**

Triplosoba n. gen. for *Blanchardia
pulchella* Brongn. **Handlirsch, A. Foss. Insekten, (312).**

2431.65 TRIASSIC.

Triadosialis n. gen. for *Chauliodites
zinkeni* Heer. **Handlirsch, A. Foss. Insekten (403).**

2431.70 JURASSIC.

Actinophlebia n. gen. for *Pterino-
blattina megalopolitana* Gein. **Handlirsch, A. Foss. Insekten, (476).**

Aeschnogomphus n. gen. für *Anax intermedius* Hagen. Handlirsch, A. t.c. (590).

Anisophlebia n. gen. für *Heterophlebia helle* Hagen. Handlirsch, A. t.c. (584).

Anomothemis n. gen., *A. brevistigma* n. sp. Deutschland. Handlirsch, A. t.c. (470).

Apeirophlebia n. gen., *A. grandis* n. sp. Deutschland. Handlirsch, A. t.c. (477).

Archgetis n. gen., *A. neuroptororum* n. sp. Deutschland. Handlirsch, A. t.c. (604-605).

Archithemis n. gen. for *Diastatomma liasina* Gein. Handlirsch, A. t.c. (466).

Archotaulius n. gen., *A. bavaricus* n. sp. Deutschland. Handlirsch, A. t.c. (617).

Brongniartiella inconditissimi n. sp. Deutschland. Handlirsch, A. t.c. (607).

Callopanorpa n. gen. für *Arthrophebia bifurcata* Giebel. Handlirsch, A. t.c. (615).

Creagroptera n. gen., *C. schwertschlageri* n. sp. Deutschland. Handlirsch, A. t.c. (605).

Dicranoptila n. gen., *D. deichmülleri* n. sp. Deutschland. Handlirsch, A. t.c. (608).

Ephemeropsis middendorfi n. sp. Deutschland. Handlirsch, A. t.c. (604).

Euphaeopsis n. gen. für *Euphaea multinervis* Hagen. Handlirsch, A. t.c. (596).

Heterothemis n. gen., *H. germanica* n. sp. Deutschland. Handlirsch, A. t.c. (468).

Ineptiae n. gen., *I. meunieri* n. sp. Deutschland. Handlirsch, A. t.c. (614).

Liadothermis n. gen., *L. hydrodictyon* n. sp. Deutschland. Handlirsch, A. t.c. (469).

Maiscurites n. gen., *M. schlosseri* n. sp. Deutschland. Handlirsch, A. t.c. (612).

Mesphemera n. gen., *M. veyenberghi* n. sp. Deutschland. Handlirsch, A. t.c. (600-601).

Mesochrysopa n. gen. für *Hageniotes zitteli* Meunier. Handlirsch, A. t.c. (613).

Mesogomphus n. gen. für *Gomphus petriactus* Hagen. Handlirsch, A. t.c. (592).

Mesolon n. gen., *M. dobertinianus* n. sp. Deutschland. Handlirsch, A. t.c. (477).

Mesopanorpa n. gen. für *Panorpa hartungi* Brauer. Handlirsch, A. t.c. (615).

Mesopsyropsis n. gen. für *Ricania hospes*. Germar. Handlirsch, A. t.c. (607).

Mesotaulius n. gen., *M. jurassicus* n. sp. Deutschland. Handlirsch, A. t.c. (617).

Mesuropetala n. gen. für *Gomphus koehleri* Hagen. Handlirsch, A. t.c. (588).

Nannogomphus n. gen., *N. bavaricus* n. sp. Deutschland. Handlirsch, A. t.c. (586-587).

Neorthophlebia n. gen., *N. debilis*, *N. maculipennis*, *N. minor*, nn. spp. Deutschland. Handlirsch, A. t.c. (479-480).

Nymphites lithographicus n. sp. Deutschland. Handlirsch, A. t.c. (609).

Orthophlebia nn. spp. Deutschland. Handlirsch, A. t.c. (481).

Orthophlebioides n. gen., *O. fuscipennis*, *O. limnophilus*, *O. reticulatus*, *O. latipennis* nn. spp. Deutschland. Handlirsch, A. t.c. (481-482).

Oryctothemis n. gen., *O. hageni* n. sp. England. Handlirsch, A. t.c. (469).

Osmylopsis n. gen. für *Abia duplicata* Giebel. Handlirsch, A. t.c. (614).

Paedephemera n. gen., *P. oppenheimi*, *P. schwertschlageri* nn. spp. Deutschland. Handlirsch, A. t.c. (601-602).

Palparites n. gen., *P. deichmülleri* n. sp. Deutschland. Handlirsch, A. t.c. (614).

Paractinophlebia n. gen. for *Pterinoblatta curtisii* Scudd. Handlirsch, A. t.c. (477).

Parelltothemis n. gen., *P. dobertinensis* n. sp. Deutschland. Handlirsch, A. t.c. (470).

Petrothemis n. gen., *P. singularis* n. sp. Deutschland. **Handlirsch, A. t.c.** (469).

Phacelobranchnus n. gen., *P. braueri* n. sp. Sibirien. **Handlirsch, A. t.c.** (604).

Pheugothemis n. gen., für *Libellula westwoodi* Phillips. **Handlirsch, A. t.c.** (593).

Prohemerobius n. gen., *P. dilaroides*, *P. geinitzi*, *P. geinitzianus*, *P. liasinus*, *P. major*, *P. parvulus*, *P. prodromus* nn. spp. Lias, Deutschland. **Handlirsch, A. t.c.** (474-476).

Pseudoeuphaea n. gen., *P. falsificata*, *P. obscura* nn. spp. Deutschland. **Handlirsch, A. t.c.** (596-597).

Pseudomyrmeleon n. gen. für *Myrmeleon extinctus* Weyenbergh. **Handlirsch, A. t.c.** (614).

Pseudopolycentropus n. gen. **Handlirsch, A. t.c.** (482).

Pseudorthophlebia n. gen., *P. platyptera* n. sp. Deutschland. **Handlirsch, A. t.c.** (485); *P. brodiei* n. sp. England. **t.c.** (617).

Solenoptilon n. gen. für *Abia kochi* Gein. **Handlirsch, A. t.c.** (478).

Steleopteron n. gen., *S. deichmülleri* n. sp. Deutschland. **Handlirsch, A. t.c.** (598).

Stenopanorpa n. gen. für *Panorpa gracilis* Giebel. **Handlirsch, A. t.c.** (616).

Tarsophlebia nn. spp. Deutschland. **Handlirsch, A. t.c.** (580-581).

Urogomphus n. gen. für *Aeschna gigantea* Germar. **Handlirsch, A. t.c.** (594).

2431.80 CAENOZOIC (TERTIARY) (GENERAL).

Hesperagrion praevolans n. sp. Colorado. **Cockerell, T. D. A.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **23**, 1907, (133-139).

Lithaeschna n. gen. (near *Basiaeschna*), *L. needhami* n. sp. Colorado. **Cockerell, T. D. A. l.c.**

Megaraphidia n. gen. (near *Raphidia*), *M. elegans* n. sp. Colorado. **Cockerell, T. D. A. t.c.** (605-607).

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Sieblosia n. gen. für *Heterophlebia jucunda* Hagen. **Handlirsch, A. Foss. Insekten**, (896).

Termes giebeli n. sp. Deutschland. **Handlirsch, A. t.c.** (700).

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Halter americana n. sp. Colorado. **Cockerell, T. D. A. Science**, **26**, 1907, (446).

Libellula knetti n. sp. Böhmen. **Handlirsch A. Foss. Insekten**, (903).

Panorpa arctiiiformis n. sp. Colorado. **Cockerell, T. D. A. Science**, **26**, 1907, (446).

2431.70 JURASSIC.

Mesotrichopteridium n. gen., *M. pusillum* n. sp. Deutschland. **Handlirsch, A. Foss. Insekten**, 1907, (485). *M. purbeckianum* n. sp. England **t.c.** (617).

Nannotrichopteron n. gen., *N. gracile* n. sp. Deutschland. **Handlirsch, A. t.c.** (486).

Necrotaulius n. gen., *N. dobber-tinensis*, *N. nanus*, *N. intermedius*, *N. similis*, *N. major* nn. spp. Deutschland. **Handlirsch, A. t.c.** (483-484).

Paratrichopteridium n. gen., *P. areatum* n. sp. Deutschland. **Handlirsch, A. t.c.** (486).

2431.80 CAENOZOIC (TERTIARY) (GENERAL).

Eopteryx n. subgen. (*Platyphylax*, type *P. florissantensis* sp. n.). Colorado. **Cockerell, T. D. A.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (608-612).

Platyphylax (Eopteryx) florissantensis n. sp. Colorado. **Cockerell, T. D. A. l.c.**

HEMIPTERA.

2431.70 JURASSIC.

Anacoleptera n. gen. für *Cercopidium trigonale* Giebel. **Handlirsch, A. Foss. Insekten**, 1907, (640).

Aphlebobocoris n. gen., *A. nana* n. sp. Deutschland. **Handlirsch, A. t.c.** (495).

Archegocimex n. gen., *A. geinitzi* n. sp. Deutschland. Handlirsch, A. t. c. (493).

Archijassus n. gen., *A. geinitzi* n. sp. Deutschland. Handlirsch, A. t. c. (501).

Archipsylla n. gen., *A. primitiva* n. sp. Deutschland. Handlirsch, A. t. c. (503).

Cixiites n. gen., *C. liasinus* n. sp. Deutschland. Handlirsch, A. t. c. (498-499).

Cixioides n. gen. für *Cixius maculatus* Brodie. Handlirsch, A. t. c. (640).

Copidopus n. gen., *C. jurassicus* n. sp. Deutschland. Handlirsch, A. t. c. (635).

Dimeropterum n. gen., *D. westwoodi* n. sp. England. Handlirsch, A. t. c. (636).

Dysmorphoptila n. gen. für *Belostoma liasina* Giebel. Handlirsch, A. t. c. (492).

Eocimex n. gen., *E. liasinus* n. sp. Deutschland. Handlirsch, A. t. c. (494).

Fulgoridium n. gen., *F. pallidum*, *F. venosum*, *F. germanicum*, *F. latum*, *F. liadis*, *F. lapideum* nn. spp. Deutschland. Handlirsch, A. t. c. (497-498).

Genaphis n. gen. für *Aphis valdensis* Brodie. Handlirsch, A. t. c. (643).

Homopterites n. gen., *H. anglicus* n. sp. England. Handlirsch, A. t. c. (499-500).

Homopterulum n. gen. für *Cercopidium signoreti* Westw. Handlirsch, A. t. c. (641).

Jassites n. gen. für *Cicada punctata* Brodie. Handlirsch, A. t. c. (642).

Margaroptilon n. gen., *M. brodiei*, *M. woodwardi*, *M. bulleni* nn. spp. England. Handlirsch, A. t. c. (499).

Mesocorixa n. gen. für *Silpha tenuilythris* Weyenbergh. Handlirsch, A. t. c. (639).

Mesonepa n. gen., *M. minor* n. sp. Deutschland. Handlirsch, A. t. c. (637).

Notonectites n. gen. für *Notonecta elterleini* Deichm. Handlirsch, A. t. c. (639).

Proceropsis n. gen., *P. alutacea*, *P. liasina* nn. spp. Deutschland. Handlirsch, A. t. c. (500-501).

Progonocimex n. gen., *P. jurassicus* n. sp. Deutschland. Handlirsch, A. t. c. (494).

Pseudodelphax n. gen. für *Delphax pulcher* Brodie. Handlirsch, A. t. c. (641).

Ricaniites n. gen. für *Ricania fulgens* Brodie. Handlirsch, A. t. c. (640).

Scylacocoris n. gen. für *Lygaeites jurcatus* Giebel. Handlirsch, A. t. c. (636).

DIPTERA.

2431.70 JURASSIC.

Architipula n. gen., *A. seebachiana*, *A. elegans*, *A. latipennis*, *A. stigmatica* nn. spp. Deutschland. Handlirsch, A. Foss. Insekten, 1907, (490-491).

Bibionites n. gen. für *Macropeza prisca* Giebel. Handlirsch, A. t. c. (631).

Chironomopsis n. gen. für *Chironomus arrogans* Giebel. Handlirsch, A. t. c. (631).

Eolimnolia n. gen., *E. geinitzi* n. sp. Deutschland. Handlirsch, A. t. c. (489).

Eoptychoptera n. gen. für *Phryganiidum simplex* Geinitz. Handlirsch, A. t. c. (489).

Eotipula n. gen., *E. parva*, *E. lapidaria* nn. spp. Deutschland. Handlirsch, A. t. c. (491-492).

Prohirmoneura n. gen., *P. jurassica* n. sp. Deutschland. Handlirsch, A. t. c. (633).

Proptychoptera n. gen., *P. liasina* n. sp. Deutschland. Handlirsch, A. t. c. (489).

Protipula n. gen., *P. crassa* n. sp. Deutschland. Handlirsch, A. t. c. (491).

Protoplecia n. gen. für *Macropeza liasina* Geinitz. Handlirsch, A. t. c. (488).

Protorhyphus n. gen. für *Phryganiidum simplex* Geinitz. Handlirsch, A. t. c. (488).

Pseudadonia n. gen. für *Platyura fittoni* Brodie. Handlirsch, A. t. c. (628).

Pseudosimulium n. gen. für *Simulium humidum* Brodie. Handlirsch, A. t. c. (631).

Psychodites n. gen. für *Asira kenn-jotti* Giebel. Handlirsch, A. t.c. (629).

Sciophilopsis n. gen., *S. brodiei* n. sp. England. Handlirsch, A. t.c. (632).

2431.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

GENERAL.

Meunier, F. Les *Empidae* de l'ambre de la Baltique. Paris, C. R. Acad. sci., 145, 1907, (146-347).

SPECIAL.

Achalcus latipennis n. sp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (209).

Anepsius planipediis n. sp. Ambre, Baltique. Meunier, F. t.c. (221).

Anthrax provincialis n. sp. Frankreich. Handlirsch, A. Foss. Insekten, 1907, (1011).

Antocha succinea n. sp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (367, pl. xii, figs. 8-10).

Argyra nn. spp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (210).

Brachypremna eocenica n. sp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (394, pl. xvi, fig. 6).

Campsicnemus gracilis n. sp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (221).

Chrysotus nn. spp. Ambre, Baltique. Meunier, F. t.c. (209).

Diaphorus tertiaris n. sp. Ambre, Baltique. Meunier, F. t.c. (210).

Dicranomyia lobata n. sp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (363, pl. xii, figs. 1-2).

Dixa nn. spp. Ambre, Baltique. Meunier, F. t.c. (395, pl. xvi, figs. 7-9).

Dolichopus nn. spp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (221).

Empeda prolifica n. sp. Ambre, Baltique. Meunier, F. Ann. sc. nat. zool., 4, 1906, (375, pl. xiii, figs. 7-9).

Erioptera nn. spp. Ambre, Baltique. Meunier, F. t.c. (368, pl. xii, figs. 11-14).

Gheynius bifurcatus n. sp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1906, (210).

Gnophomyia nn. spp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (370-371, pl. xii, figs. 17-19 pl. xiii, fig. 1).

Gonomyia nn. spp. Ambre, Baltique. Meunier, F. t.c. (372-374, pl. xii, figs. 20-22, pl. xiii, figs. 3-5, 10-11).

Gymnopternus nn. spp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (221).

Hygroceleuthus nn. spp. Ambre, Baltique. Meunier, F. t.c. (221).

Limnophila nn. spp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (378-384, pl. xiii, figs. 16, 17, 20-22, pl. xiv, figs. 2-10, pl. xv, fig. 1).

Medeterus nn. spp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (209).

Nematopectus nn. spp. Ambre, Baltique. Meunier, F. t.c. (210).

Neurigona corcula n. sp. Ambre, Baltique. Meunier, F. t.c. (222).

Palaeochrysotus n. gen. Ambre, Baltique and nn. spp. Meunier, F. t.c. (199, 210).

Pocillobothrus ciliatus n. sp. Ambre, Baltique. Meunier, F. t.c. (221).

Polymera magnifica n. sp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (385, pl. xiv, figs. 11-12, pl. xv, fig. 2, pl. xvi, fig. 1).

Porphyrops nn. spp. Ambre, Baltique. Meunier, F. Naturaliste, Paris, 29, 1907, (209).

Prionolabis nn. spp. Ambre, Baltique. Meunier, F. Ann. sci. nat. zool., 4, 1906, (376-377, pl. xiii, figs. 12, 13, pl. xiv, fig. 1).

Prochrysotus n. gen. Meunier, F. Naturaliste, Paris, 29, 1907, (199); *P. magnus* n. sp. Ambre, Baltique. t.c. (209).

Psilopus nn. spp. Ambre, Baltique. Meunier, F. t.c. (210).

Sackenia gibbosa n. sp. Wyoming. Cockerell, T. D. A. Amer. J. Sci., 23, 1907, (285-286, with text fig.).

Systemus ciliatus n. sp. Ambre, Baltique. **Meunier, F.** Naturaliste, Paris, **29**, 1907, (222).

Thinophilus piraticus n. sp. Ambre, Baltique. **Meunier, F.** t.c. (222).

Thrypticus nn. spp. Ambre, Baltique. **Meunier, F.** t.c. (209).

Tipula nn. spp. Ambre, Baltique. **Meunier, F.** Ann. sci. nat. zool., **4**, 1906, (391-393, pl. xv, figs. 11-13, pl. xvi, figs. 3-5).

Trichoneura decipiens n. sp. Ambre, Baltique. **Meunier, F.** t.c. (387, pl. xv, fig. 5).

Trimicra minuta n. sp. Ambre, Baltique. **Meunier, F.** t.c. (369, pl. xii, figs. 15-16).

Wheelerenomyia n. gen., *W. eocenica* n. sp. Ambre, Baltique. **Meunier, F.** Naturaliste, Paris, **29**, 1907, (199-222).

Xiphandrium splendidum n. sp. Ambre, Baltique. **Meunier, F.** t.c. (209).

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Anthrax nn. spp. Italien. **Handlirsch, A.** Foss. Insekten, 1907, (1011).

Bombylius nn. spp. Italien. **Handlirsch, A.** t.c. (1012).

Glossina oligocena (Scudder). Colorado, Miocene. **Cockerell, T. D. A.** Science, **26**, 1907, (446).

Penthetria fuchsi n. sp. Griechenland. **Handlirsch, A.** Foss. Insekten, 1907, (961).

Thereua bosniaskii n. sp. Italien. **Handlirsch, A.** t.c. (1010).

LEPIDOPTERA.

2431.70 JURASSIC.

Archipsyche n. gen., *A. eichstättensis* n. sp. Deutschland. **Handlirsch, A.** Foss. Insekten, 1907, (624).

Beloptesis n. gen., *B. oppenheimeri* n. sp. Deutschland. **Handlirsch, A.** t.c. (625).

Eocicada lameerei n. sp. Deutschland. **Handlirsch, A.** t.c. (627).

Limacodites n. gen., *L. mesozoicus* n. sp. Deutschland. **Handlirsch, A.** t.c. (622).

Pachypsyche n. gen. für *Palaeontinia vidali* Meunier. **Handlirsch, A.** t.c. (623).

Protopsyche n. gen., *P. brauceri* n. sp. Deutschland. **Handlirsch, A.** t.c. (623).

HYMENOPTERA.

2431.70 JURASSIC.

Pseudosirex nn. spp. Deutschland. **Handlirsch, A.** Foss. Insekten, 1907, (575-577).

2431.80 CAENOZOIC (TERTIARY) (GENERAL).

Chalcis praevolans n. sp. Colorado. **Cockerell, T. D. A.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (608-612).

Chalybion mortuum n. sp. Colorado. **Cockerell, T. D. A.** t.c. (612-616).

Chrysis rohveri n. sp. Colorado. **Cockerell, T. D. A.** l.c.

Pseudosiobla megoura n. sp. Colorado. **Cockerell, T. D. A.** l.c.

Tenthredo submersa n. sp. Colorado. **Cockerell, T. D. A.** l.c.

2431.90 UPPER CAENOZOIC (MIOCENE PLIOCENE).

Larrophanes ophthalmicus n. sp. Italien. **Handlirsch, A.** Foss. Insekten, (888).

Perga coloradensis n. sp. Colorado. **Cockerell, T. D. A.** Science, **26**, 1907, (446).

COLEOPTERA.

2431.39 GENERAL.

GENERAL.

Hagedorn, M. Fossile Borkenkäfer. D. ent. Zs. Berlin, 1907, (259-261).

SPECIAL.

Cicindelites armissanti. **Horn, W.** D. ent. Zs., 1907, (560).

2431.55 UPPER PALAEOZOIC.

Pseudorhynchophora n. gen., *P. ollifi* n. sp. Queensland. **Handlirsch, A.** Foss. Insekten, (402).

Xylechinites anceps n. sp. **Hagedorn, M.** Königsberg, Schr. physik. Ges., **47**, 1907, (115-121).

2431.65 TRIASSIC.

Ademosyne n. gen., *A. major*, *A. minor* nn. spp. Queensland. Handlirsch, A. Foss. Insekten, (402-403).

Angelinella n. gen., for *Elytridium angelini* Heer. Handlirsch, A. t.c. (401).

Eocoleopteron n. gen., *E. roemeri* n. sp. Deutschland. Handlirsch, A. t.c. (400).

Etheridgea n. gen., *E. australis* n. sp. Queensland. Handlirsch, A. t.c. (402).

Flichea n. gen. for *Glaphyoptera lotharingiaca* Fliche. Handlirsch, A. t.c. (402).

Heeriella n. gen. for *Elytridium laevigatum* Heer. Handlirsch, A. t.c. (401).

Nannocurculionites n. gen. for *Curculionites carlsoni* Heer. Handlirsch, A. t.c. (401).

Parabuprestites n. gen. for *Buprestites rugulosus* Heer. Handlirsch, A. t.c. (400).

Paracurculionites n. gen. for *Curculionites parvulus* Heer. Handlirsch, A. t.c. (401).

Pseudobuprestites n. gen. for *Buprestites petrophylli* Heer. Handlirsch, A. t.c. (399).

Pseudochrysomelites n. gen. for *Chrysomelites rothenbachi* Heer. Handlirsch, A. t.c. (400).

Pseudocurculionites n. gen. for *Curculionites redtenbacheri*. Handlirsch, A. t.c. (399).

Pseudoelateropsis n. gen. for *Elateropsis infratriassica* Roem. Handlirsch, A. t.c. (399).

Pseudohydrophilites n. gen. for *Hydrophilites nathorsti* Heer. Handlirsch, A. t.c. (400).

2431.70 JURASSIC.

Adikia n. gen., *A. punctulata* n. sp. Jura. Handlirsch, A. Foss. Insekten, 1907, (558).

Adynasia n. gen. for *Buprestites lyellii* Heer. Handlirsch, A. t.c. (449).

Allognosis n. gen. for *Nebria nitens* Gein. Handlirsch, A. t.c. (450).

Amarodes n. gen. für *Amara pseudozabrus* Deichmüller. Handlirsch, A. t.c. (545).

Anagyrius n. gen. für *Gyrinus atavus* Heer. Handlirsch, A. t.c. (447).

Anapiptus n. gen., *A. brodiei* n. sp. England. Handlirsch, A. Foss. Insekten, 1907, (552).

Anepismus n. gen. für *Elater vanus* Gieb. Handlirsch, A. t.c. (450).

Anhydrophilus n. gen., *A. brodiei* n. sp. England. Handlirsch, A. t.c. (455).

Apiaria oppenheimi n. sp. Deutschland. Handlirsch, A. t.c. (552).

Apistotes n. gen. für *Elater purbecensis* Giebel. Handlirsch, A. t.c. (559).

Bathygerus n. gen. für *Cistelites bellus* Gein. Handlirsch, A. t.c. (456).

Bellingeropsis n. gen. für *Bellingera laticollis* Heer. Handlirsch, A. t.c. (440).

Biadelater n. gen. für *Elater werneri* Giebel. Handlirsch, A. t.c. (559).

Bolthroptera n. gen. für *Curculionites westwoodi* Giebel. Handlirsch, A. t.c. (558).

Brodia n. gen., *B. nana* n. sp. England. Handlirsch, A. t.c. (441).

Bucklandula n. gen., *B. striata* n. sp. England. Handlirsch, A. t.c. (556).

Carabites geinitzi n. sp. Deutschland. Handlirsch, A. t.c. (455).

Cerylonopsis n. gen. für *Cerylon striatum* Brodie. Handlirsch, A. t.c. (547).

Chalepocarabus n. gen. für *Carabus elongatus* Brodie. Handlirsch, A. t.c. (546).

Chlaeniopsis n. gen. für *Chlaenius solitarius* Deichmüller. Handlirsch, A. t.c. (548).

Chrysomelophana n. gen. für *Chrysomela rara* Weyenberg. Handlirsch, A. t.c. (549).

Chrysomelopsis n. gen. für *Chrysomela andraei* Gieb. Handlirsch, A. t.c. (445).

Coccinellophana n. gen., *C. murchisoni* n. sp. England. Handlirsch, A. t.c. (566).

Colymbetopsis n. gen. für *Colymbetes arcuatus* Heer. Handlirsch, A. t.c. (445).

Coptogyrinus n. gen., *C. scutellatus* n. sp. Deutschland. **Handlirsch, A. Foss. Insekten, (448).**

Otenicerium gigas n. sp. England. **Handlirsch, A. t.c. (555).**

Diatarastus n. gen. für *Carabus westwoodi* Giebel. **Handlirsch, A. t.c. (559).**

Dinoharpalus n. gen. für *Harpalus liasinus* Gieb. **Handlirsch, A. t.c. (450).**

Doggeria n. gen., *B. sibirica*, Sibirien, *B. purchisoni*, England nn. spp. **Handlirsch, A. t.c. (556).**

Doggeriopsis n. gen., *B. stonesfeldiana* n. sp. England. **Handlirsch, A. t.c. (556).**

Dysarestus n. gen. für *Elaterrites vetustus* Heer. **Handlirsch, A. t.c. (451).**

Elaterophanes n. gen. für *Elater socius* Gieb and *E. vetustus* Brodie. **Handlirsch, A. t.c. (436).**

Enamma n. gen., *E. striatum* n. sp. Deutschland. **Handlirsch, A. t.c. (451).**

Epomenus n. gen., *E. rugosus* n. sp. England. **Handlirsch, A. t.c. (562).**

Eurynucha n. gen., *E. pseudohuprestis* n. sp. Deutschland. **Handlirsch, A. t.c. (446).**

Eurythyrcites n. gen. für *Eurythyrea grandis* Deichmüller. **Handlirsch, A. t.c. (542).**

Geotrupoides n. gen. für *Geotrupes lithographicus* Deichmüller. **Handlirsch, A. t.c. (545).**

Glaphoptera n. gen., *G. anglica* n. sp. England. **Handlirsch, A. t.c. (557).**

Glaphyopterites n. gen. für *Glaphyoptera depressa* Heer. **Handlirsch, A. t.c. (437).**

Glaphypterodes n. gen. für *Glaphyoptera gehreti* Heer. **Handlirsch, A. t.c. (437).**

Glaphypterula n. gen. für *Glaphyoptera gracilis* Heer. **Handlirsch, A. t.c. (437).**

Gyrinopsis n. gen. für *Gyrinites antiquus* Heer. **Handlirsch, A. t.c. (446).**

Gyrinulopsis n. gen., *G. nanus* n. sp. Deutschland. **Handlirsch, A. t.c. (455).**

Hadrocephalus n. gen., *H. anglicus*, *H. liasinus*, *H. minor* nn. spp. England. **Handlirsch, A. t.c. (444-445).**

Halticophana n. gen., *H. westwoodi* n. sp. England. **Handlirsch, A. t.c. (552).**

Harpalomimes n. gen. für *Harpalus burmeisteri* Giebel. **Handlirsch, A. t.c. (562).**

Helophoropsis n. gen. für *Helophorus brodiei* Giebel. **Handlirsch, A. t.c. (543).**

Helopidium nn. spp. England. **Handlirsch, A. t.c. (565).**

Holcoelytrum n. gen., *H. giebeli* n. sp. England. **Handlirsch, A. t.c. (453).**

Holcoptera n. gen. für *Harpalus schlotheimi* Gieb. **Handlirsch, A. t.c. (453).**

Hydrobiites nn. spp. England. **Handlirsch, A. t.c. (457).**

Hydroporopsis n. gen. für *Hydroporus neptuni* Giebel. **Handlirsch, A. t.c. (559).**

Hyperomima n. gen. für *Hypera antiqua* Giebel. **Handlirsch, A. t.c. (567).**

Ironicus n. gen. für *Harpalidium nothrus* Westw. **Handlirsch, A. t.c. (558).**

Kakoselia n. gen. für *Camtodontus angliae* Giebel. **Handlirsch, A. t.c. (561).**

Kamaroma n. gen., *K. breve* n. sp. England. **Handlirsch, A. t.c. (565).**

Katapiptus n. gen., *K. striolatus* n. sp. England. **t.c. (558).**

Katapontisus n. gen. für *Elmis brodiei* Giebel. **Handlirsch, A. t.c. (565).**

Keleusticus n. gen. für *Buprestites zirkeli* Gein. **Handlirsch, A. t.c. (450).**

Kelidus n. gen. für *Buprestium bolbus* Westw. **Handlirsch, A. t.c. (556).**

Kidelia n. gen. für *Prionus ooliticus* Brodie. **Handlirsch, A. t.c. (559).**

Lamiophanes n. gen. für *Lamia schroeteri* Giebel. **Handlirsch, A. t.c. (557).**

Malmagrion n. gen. für *Agrion eichstättense* Hagen. **Handlirsch, A. t.c. (599).**

Malmelater n. gen. für *Elater costeri* Weyenberg. **Handlirsch**, A. t.c. (541).

Melanophilites n. gen. für *Melanophila sculptilis* Heer. **Handlirsch**, A. t.c. (453).

Melanophilopsis n. gen. für *Melanophila costata* Heer. **Handlirsch**, A. t.c. (452).

Memptus n. gen., *M. braurei*, *M. redtenbacheri* nn. spp. Sibirien. **Handlirsch**, A. t.c. (563).

Metagrilium n. gen., *M. westwoodi* n. sp. England. **Handlirsch**, A. t.c. (553).

Micrelaterium n. gen. für *Elaterium triopas* Westw. **Handlirsch**, A. t.c. (554).

Microcoleopteron n. gen. für *Chrysomelites minimus* Oppenh. **Handlirsch**, A. t.c. (550).

Mimelater n. gen. für *Elater angulatus* Gieb. **Handlirsch**, A. t.c. (449).

Mimema n. gen., *M. punctatum* n. sp. England. **Handlirsch**, A. t.c. (557).

Nannodes n. gen., *N. pseudocistela* n. sp. Deutschland. **Handlirsch**, A. t.c. (446).

Nebrioides n. gen. for *Nebria dobber-
tensis* Heer. **Handlirsch**, A. t.c. (455).

Notokistus n. gen., *N. brodiei* n. sp. England. **Handlirsch**, A. Foss. Insekten, (444).

Opsis n. gen., *O. bavarica* n. sp. Deutschland. **Handlirsch**, A. t.c. (544).

Pachycoleon n. gen. für *Buprestium woodleyi* Westw. **Handlirsch**, A. t.c. (560).

Pallax n. gen., *P. prevosti* n. sp. England. **Handlirsch**, A. t.c. (560).

Pantodapus n. gen., *P. westwoodi* n. sp. England. **Handlirsch**, A. t.c. (564).

Parabuprestium n. gen., *P. pseudo-carabus* n. sp. England. **Handlirsch**, A. t.c. (554).

Paracurculium n. gen. für *Curculionites punctatus* Gein. **Handlirsch**, A. t.c. (455).

Paradoggeria n. gen., *P. acuminata* n. sp. England. **Handlirsch**, A. t.c. (556).

Paragrilium n. gen. für *Elaterium barypus* Westw. **Handlirsch**, A. t.c. (553).

Paragyrrinus n. gen. für *Gyrrinus dubius* Gieb. **Handlirsch**, A. t.c. (448).

Parasilphites n. gen. für *Silphites angusticollis* Oppenheim. **Handlirsch**, A. t.c. (547).

Parnidium nn. spp. Deutschland. **Handlirsch**, A. t.c. (438).

Phaulogyrrinus n. gen. für *Gyrrinites minimus* Heer. **Handlirsch**, A. t.c. (448).

Plastelater n. gen. für *Elater neptuni* Gieb. **Handlirsch**, A. t.c. (433).

Plastobuprestites n. gen. für *Buprestites elegans* Gein. **Handlirsch**, A. t.c. (444).

Plastonebria n. gen. für *Nebria scuderi* Gein. **Handlirsch**, A. t.c. (444).

Polypamon n. gen. für *Cistelites byrrhoides* Gein. **Handlirsch**, A. t.c. (456).

Prionophana n. gen. für *Prionus antiquus* Giebel. **Handlirsch**, A. t.c. (557).

Procalosoma nn. spp. Deutschland. **Handlirsch**, A. t.c. (548).

Procarabites n. gen. für *Carabites bellus* Heer. **Handlirsch**, A. t.c. (440).

Prochrysomela n. gen. für *Chrysomelites jurassicus* Oppenh. **Handlirsch**, A. t.c. (550).

Proctobuprestis n. gen. für *Glaphyroptera brevicollis* Heer. **Handlirsch**, A. t.c. (439).

Prophasis n. gen. für *Chrysomela ignota* Giebel. **Handlirsch**, A. t.c. (566).

Prosthenostictus n. gen. für *Crypticus ungeri* Giebel. **Handlirsch**, A. t.c. (562).

Pseudocymindis n. gen. für *Cymindis antiqua* Giebel. **Handlirsch**, A. t.c. (560).

Pseudocyphon n. gen., *P. geinitzi* n. sp. Deutschland. **Handlirsch**, A. t.c. (446).

Pseudoprionites n. gen. für *Prionus liasinus* Gein. **Handlirsch**, A. t.c. (453).

Pseudotelephorus n. gen. für *Telephorus hauceri* Gieb. Handlirsch, A. t.c. (454).

Pseudotenebrio n. gen. für *Tenebrio inominatus* Weyenb. Handlirsch, A. t.c. (550).

Pseudothyrea n. gen., *P. oppenheimi* n. sp. Deutschland. Handlirsch, A. t.c. (541).

Pseudus n. gen., *P. purbeccensis* n. sp. England. Handlirsch, A. t.c. (563).

Pyrochroophana n. gen., *P. major* n. sp. Deutschland. Handlirsch, A. t.c. (542).

Scaphidiopsis n. gen. für *Scaphidium hageni* Weyenb. Handlirsch, A. t.c. (550).

Semiglobus n. gen., *S. jurassicus*, *S. chrysomelinus* nn. spp. England. Handlirsch, A. t.c. (566).

Smodicoptera n. gen. für *Euchroma liasina* Heer. Handlirsch, A. t.c. (452).

Sphaerodemopsis n. gen. für *Sphaerodema jurassic* Oppenheim. Handlirsch, A. t.c. (543).

Stenelytron n. gen. für *Elatr redtenbacheri* Gieb. Handlirsch, A. t.c. (451).

Stictulus n. gen., *S. brodici* n. sp. England. Handlirsch, A. t.c. (562).

Stigmeramma n. gen. für *Harpalus heeri* Gieb. Handlirsch, A. t.c. (451).

Tenthrydium dilatatum n. sp. England. Handlirsch, A. t.c. (561).

Thoracotes n. gen., *T. dubius* n. sp. Deutschland. Handlirsch, A. t.c. (438).

Tychon n. gen. für *Helophorus antiquus* Giebel. Handlirsch, A. t.c. 563).

Xenogyrinus n. gen. für *Gyrinus natans* Brodie. Handlirsch, A. t.c. (448).

Xylotrupia n. gen., *X. brodici* n. sp. England. Handlirsch, A. t.c. (557).

Zygadenia n. gen. für *Curculionites tuberculatus* Giebel. Handlirsch, A. t.c. (558).

2431.75 CRETACEOUS.

Chrysomelidium n. gen. für *Chrysomelites simplex* Fritsch. Handlirsch, A. Foss. Insekten, 1907, (665).

Curculidium n. gen. für *Curculionites senonicus* Kolbe. Handlirsch, A. t.c. (665).

(κ-1769)

Curculiopsis n. gen. für *Curculionites cretaceus* Heer. Handlirsch, A. t.c. (663).

Elytrulum n. gen. für *Elytridium multipunctatum* Heer. Handlirsch, A. t.c. (663).

Silphidium n. gen. für *Silphites priscus* Fritsch. Handlirsch, A. t.c. (664).

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Horn, W. Brullés „Odontochila aus dem Baltischen Bernstein“ und die Phylogenie der Cicindeliden. D. ent. Zs., 1907, (461-466).

SPECIAL.

Amara fürsteri n. sp. Elsass. Handlirsch, A. Foss. Insekten, 1907, (714).

Hylastites schellwieni n. sp. Hagedorn, M. Königsberg. Sehr. physik. Ges., 47, 1907, (115-121).

Myelophilites dubius n. sp. Hagedorn, M. l.c.

Phlocosinites nn. spp. Hagedorn, M. l.c.

Xyleborus excavatus n. sp. Madagascar. Hagedorn, M. Hamburg. Verh. Ver. natw. Unterh., 13, 1907, (111).

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aphodius bosniaskii n. sp. Italien. Handlirsch, A. Foss. Insekten, 1907, (838).

INSECTA INCERTAE SEDIS.

2431.55 UPPER PALAEOZOIC.

Megathentomum scudderi n. sp. N. Amer. Handlirsch, A. Foss. Insekten, (322).

2431.65 TRIASSIC.

Griphologus n. gen. Handlirsch, A. Foss. Insekten (405).

Pseudochauliodites n. gen. Handlirsch, A. t.c. (404).

2631 CRUSTACEA.

2631.39 GENERAL.

Acasta spp. **Alessandri (De)**, G. Palaeontogr. ital., **12**, 1906, (207-324, con fig. e tav.).

Balanus spp. **Alessandri (De)**, G. l.c.

Chenolobia spp. **Alessandri (De)**, G. l.c.

Chthamalus spp. **Alessandri (De)**, G. l.c.

Coronula spp. **Alessandri (De)**, G. l.c.

Lepos saccio n. sp. **Alessandri (De)**, G. l.c.

Pachylasma giganteum (Phil.) **Alessandri (De)**, G. l.c.

Pollicipes paronai De Aless. **Alessandri (De)**, G. l.c.

Pyrgoma spp. **Alessandri (De)**, G. l.c.

Scalpellum nn. spp. et n. var. **Alessandri (De)**, G. l.c.

Tetraclita isseli De Aless. **Alessandri (De)**, G. l.c.

Verruca nn. spp. **Alessandri (De)**, G. l.c.

2631.70 JURASSIC.

Glyphea nn. spp. Schwaben. **Schütze**, E. Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (341-351).

2631.75 CRETACEOUS.

Archacolepas decora n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (22, pl. i, figs. 3-10).

Astacus antiquus n. sp. Schaumburg-Lippe. **Harbort**, E. t. c. (20, pl. i, fig. 1, pl. xi, fig. 3).

Eryma sulcata n. sp. Schaumburg-Lippe. **Harbort**, E. t. c. (15, pl. i, fig. 11, pl. xi, fig. 4).

Hoploparia antarctica n. sp. Patagonien. **Wilckens**, O. Freiburg i. B., Ber. natf. Ges., **15**, 1907, (12).

————— *aspera* n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (17, pl. ii, figs. 5, 6).

Hoploparia browni n. sp. Montana. **Whitfield**, R. P. New York N. Y., Bull. Amer. Mus., **23**, 1907, (459-462, with pl.).

Meyeria repax n. sp. Schaumburg-Lippe. **Harbort**, E. Berlin, Abh. geol. Landesanst., **45**, 1905, (11, pl. i, fig. 12, pl. ii, figs. 1-4, pl. iii, figs. 1, 2, pl. xi figs. 1, 2).

Tetracarcinus n. gen., *T. subquadratus* n. sp. New Jersey. **Weller**, S. New Jersey, Rep. Geol., Trenton, **1904**, 1905, (136); J. Geol., **13**, 1905, (326-329).

Tetracarcinus n. gen., *T. subquadratus* n. sp. New Jersey. **Weller**, S. J. Geol., **13**, 1905, (326-239).

2631.80 CAENOZOIC (TERTIARY) (GENERAL).

Acasta spongites Poli. **Alessandri (De)**, G. Milano, Atti Soc. ital. sc. nat., **45**, 1906, (251-291).

Balanus dollfusii n. sp. Francia. **Alessandri (De)**, G. l.c.

Cypris fraasi n. sp. **Branca**, W. und **Fraas**, E. Berlin, Abh. Ak. Wiss., **1907**, (25).

Ebolia larmarmorai n. sp. Sardinien. **Lörenthey**, J. Math.-natw. Ber. Ungarn, **24**, 1907, (232).

Hcpatinulus lovisatoi n. sp. Sardinien. **Lörenthey**, J. t. c. (230).

Lepas spp. **Alessandri (De)**, G. Milano, Atti Soc. ital. Sc. nat., **45**, 1906, (251-291).

Maja miocaenica n. sp. Sardinien. **Lörenthey**, J. Math.-natw. Ber. Ungarn, **24**, 1907, (237).

Pagurus mediterraneus n. sp. Sardinien. **Lörenthey**, J. t. c. (226).

Phlyctenodes depressus Edw. **Airaghi**, C. Milano, Atti Soc. ital. sc. nat., **44**, 1905, (202-208, con tav.).

Ranina reussi Woodw. **Airaghi**, C. l.c.

Scalpellum spp. **Alessandri (De)**, G. op. cit. **45**, 1906, (251-291).

Tetraclita dumortieri Fisch. **Alessandri (De)**, G. l.c.

Xanthopsis kressenbergensis Mey. **Airaghi**, C. op. cit. **44**, 1905, (202-208, con tav.).

Xanthus lovisatoi n. sp. Sardinien.
Lőrenthey, J. Math.-natw. Ber. Ungarn,
24, 1907, (245).

2631.85 LOWER CAENOZOIC
(Eocene, Oligocene).

Cyamocarcinus angustifrons Bitta.
Cecchia-Rispoli, G. Palermo, Giorn.
Sc. nat. econ., 25, 1905, (309-325, con
tav.).

Galenopsis schopeni n. sp. Palermo.
Cecchia-Rispoli, G. l.c.

Gemellarocarcinus n. gen., *G. lőren-
theyi* n. sp. Palermo. Cecchia-Ris-
poli, G. l.c.

Microcorystes n. gen., *M. latifrons* n.
sp. Obermediterrän. Lőrenthey, E.
Math.-natw. Ber. Ungarn, 22, 1907,
(30).

Phlyctenodes krenneri Lőr. Cecchia-
Rispoli, G. Palermo, Giorn. Sc. nat.,
econ., 25, 1905, (309-325, con fav.).

2631.90 UPPER CAENOZOIC
PLEISTOCENE AND RECENT.

Aglia nn. spp. Ungarn. Méhes, G.
Földt. Közl., 37, 1907, (442-445, 509-
514).

Cundona nn. spp. Ungarn. Méhes,
G. t.c. (459-467, 528-536).

Cypridina carrubarensis n. sp. Cala-
bria. Neviani, A. Roma, Boll. Soc. geol.
ital., 25, 1906, (181-216).

Cypris hieroglyphica n. sp. Ungarn.
Méhes, G. t.c. (440-442, 508-509).

Cythere nn. spp. Calabria. Neviani,
A. Roma, Boll. Soc. geol. ital., 25,
1906, (181-216).

Cytherideis laevigata n. sp. Calabria.
Neviani, A. l.c.

Cytherura nn. spp. Calabria. Ne-
viani, A. l.c.

Herpetocypris subaequalis var. *varia-
bilis* n. var. Ungarn. Méhes, G.
Földt. Közl., 37, 1907, (449-452, 518-
519).

Iliocypris gracilis n. sp. Ungarn.
Méhes, G. Földt. Közl., 37, 1907, (457-
459, 526-528).

Maja miocenica n. sp. Tortonicu,
Oristano. Lőrenthey, E. Math.-natw.
Ber. Ungarn, 22, 1907, (33).

Pseudocythere seguenziana n. sp.
Calabria. Neviani, A. Roma, Boll.
Soc. geol. ital., 25, 1906, (181-216).

2631.95 PLEISTOCENE AND
RECENT.

Ateleyclus rotundatus. Cecchia-
Rispoli, G. Naturalista sicil., 18, 1905,
(86-89).

Cythere schwarzi n. sp. Chapman, F.
Graham's Town, Rec. Albany Mus.,
2, 1907, (7, text fig.).

2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA.

2831.39 GENERAL.

Stromer von Reichenbach, E. Molu-
kenkrebse. Berlin, Monatsber. D. geol.
(Ges., 1907, (187-189).

2831.45 PALAEOZOIC (GENERAL).

Trimercephalus cyclophthalmus n.
nom. für *T. micromma* F. A. Römer.
Walthers, K. N. Jahrb. Min., Beilagebd
24, 1907, (303).

2831.50 LOWER PALAEOZOIC.

GENERAL.

Moberg, J. C. A mysterious fossil
from the Olenide state of Sweden, with
a short résumé of the more important
data for the ventral skeleton parts of
trilobites. (Swedish) Stockholm, Geol.
För. Förh., 29, 1907, (265-273, with
pls.).

Schmidt, Fr. Nachtrag zur VI Ab-
theilung der Revision der ostbaltischen
silurischen Trilobiten. St. Petersburg,
Bull. Ac. sc., 1, 1907, (803-804).

SPECIAL.

Acidaspis törnquisti n. sp. Scania.
Olin, E. Lund, Univ. Årsskr., Afd. 2,
2, No. 3, 1906, (49-50, with pl.).

———— *vanhornei* n. sp. Illinois.
Weller, S. Chicago, Ill., Acad. Sci.,
Bull. Nat. Hist. Surv., No. 4, 1907, (244-
254).

Aeglina umbonata Ang. sp. Description.
Moberg, J. C. Stockholm, Geol.
För. Förh., 29, 1907, (257-264, with
pl.).

- Agnostus cingulatus* n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (72-73, with pl.).
- Ampyx chinensis* n. sp. China. **Weller**, S. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (559-563).
- *globifrons* n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (71, with pl.).
- *knyrkoi* n. sp. **Schmidt**, Fr. St.-Peterburg, Mém. Ac. sc., 20, 1907, (I-XII, 1-104).
- Arctinurus chicagopensis* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (244-254).
- Areia succica* n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (46-47, with pl.).
- Asaphus* nn. spp. China. **Weller**, S. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (559-563).
- Calymmene laevigatum* n. sp. **Schmidt**, Fr. St.-Peterburg, Mém. Ac. sc., 20, 1907, (I-XII, 1-104).
- Ceraurus hydei* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist., Surv., No. 4, 1907, (259-276).
- Cybele panderi* n. sp. **Schmidt**, Fr. St. Peterburg. Mém. Ac. sc., 20, 1907, (I-XII, 1-104).
- Cyphaspis intermedia* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (228-242).
- Dalmanites* nn. spp. Illinois. **Weller**, S. t.c. (259-276).
- *lunatus* n. sp. New Hampshire. Silurian. **Lambert**, A. E. Rochester, Bull. Geol. Soc. Amer., 15, 1904, (480-482); also *In*: Hitchcock, C. H. The geology of Littleton, New Hampshire. Cambridge, Mass., 1905, (33-38).
- Deiphon americanus* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci. Bull. Nat. Hist., Surv., No. 4, 1907, (259-276).
- Diaphanometopus lineatus* A., new description. **Wiman**, C. Upsala, Bull. Geol. Inst., 7, [1906], (291-282, with pl.).
- Dicelloccephalus? leptaenarum* n. sp. **Wiman**, C. Ark. Zool., 3, No. 24, 1907, (5, with pl.).
- Dindymene* nn. spp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (50-53, with pl.).
- Dicranopeltis* nn. spp. Wisconsin. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (228-242).
- Encrinurus tuberculifrons* n. sp. Illinois. **Weller**, S. t.c. (259-276).
- Eurypterus* nn. spp. New York. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (305-308).
- Harpes telleri* n. sp. Wisconsin. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (213-227).
- Hughmilleria shawangunk* n. sp. New York. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (305-308).
- Ilacnoides* n. gen. (near *Ilacnus*).
- I. triloba* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (213-227).
- Ilacnus* nn. spp. Illinois. **Weller**, S. t.c.
- ? *bronteoides* n. sp. China. **Weller**, S. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (559-563).
- *longifrons* n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (65-66, with pl.).
- Lichas platyrhinus* n. sp. **Schmidt**, Fr. St.-Peterburg, Mém. Ac. sc., 20, 1907, (I-XII, 1-104).
- Megalaspis* nn. spp. **Schmidt**, Fr. op. cit. 19, 1906, (1-62, mit 8 Taf.).
- *minor* n. sp. China. **Weller**, S. Washington, Smithson. Inst., U. S. Nation. Mus., Proc., 32, 1907, (559-563).
- Metopolichas ferrisi* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (244-254).
- Niobe volborthi* n. sp. **Schmidt**, Fr. St.-Peterburg, Mém. Ac. sc., 20, 1907, (I-XII, 1-104).

Odontopleura illinoiensis n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (244-254).

Phacops nn. spp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (41-45, with pl.).

————— *handwerki* n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (259-276).

Pliomera linnarssoni n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., 7, [1906], (292-293, with pl.).

Proetus nn. spp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (228-242).

————— *scanicus* n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (59-60, with pl.).

————— *wöhrmanni* n. sp. **Schmidt**, Fr. St.-Peterburg, Mém. Ac. sc., 20, 1907, (I-XII, 1-104).

Pseudosphaerexochus raoni n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (48, with pl.).

Pterygotus otisius n. sp. New York. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (305-308).

Remopleurides latus n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., Afd. 2, 2, No. 3, 1906, (55, with pl.).

Robergia microphthalmia Lnsrs from the Scanian *Dicellograptus*-slate. **Moberg**, J. C. Stockholm, Geol. Förh., 29, 1907, (83-88, with pl.).

Staurocephalus obsoleta n. sp. Illinois. **Weller**, S. Chicago, Ill., Acad. Sci., Bull. Nat. Hist. Surv., No. 4, 1907, (259-276).

Strenuella strenua. **Shimer**, H. W. Amer. J. Sci., 23, 1907, (199-201, with text fig.).

Symphysurus superstes n. sp. Scania. **Olin**, E. Lund, Univ. Årsskr., N.F., 2, No. 3, 1906, (64, with pl.).

Trinuclaus elliptifrons n. sp. Scania. **Olin**, E. t.c. (68, with pl.).

2831.55 UPPER PALAEOZOIC.

Bronteus barrandii var. *majus* n. var. New Brunswick. **Clarke**, J. M. Albany,

N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (153-167).

Ceratocephala robinia n. sp. Quebec. **Clarke**, J. M. t.c. (167-174).

Cordania gasepiou n. sp. Quebec. **Clarke**, J. M. l.c.

Cryphaeus atavus n. sp. **Schmidt**, W. Berlin, Monatsber. D. geol. Ges., 1907, (9-12).

Dalmanites nn. spp. Quebec, Maine. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (153-167).

————— (*Odontochile*) *rugosa*. **Langenhan**, A. Zs. Min., 1, 1907, (109-112).

Dechenella. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

Euproops Meek (= *Prestwichia* Woodward præc.). **Cockerell**, T. D. A. Amer. Geol., 36, 1905, (330).

Lichas nn. spp. Quebec. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (167-174).

Phacops. **Sobolev**, D. Varšava, Izv. polytechn. Inst., 1904, 2, (81-107, mit 10 Taf.).

————— *logani* var. *gaspensis* n. var. Quebec. *P. nylanderi* n. sp. Maine. **Clarke**, J. M. Albany, N.Y., St. Educ. Dept., Mus. Bull., No. 107, 1907, (153-167).

Phillipsia pulchella var. *alpina* n. var. **Gortani**, M. Palaeontogr. ital., 12, 1906, (69).

2831.70 JURASSIC.

Limulus nathorsti n. sp. Scania, Sweden. **Jackson**, R. T. Ark. Zool., 3, No. 11, 1906, (1-7).

3031 ARACHNIDA.

3031.80 CAENOZOIC (TERTIARY) (GENERAL).

Leptobunus atavus n. sp. Colorado. **Cockerell**, T. D. A. New York, N.Y., Bull. Amer. Mus., 23, 1907, (605-607).

3431 MYRIOPODA.

3431.80 CAENOZOIC (TERTIARY)
(GENERAL).

Iulus florissantellus n. sp. Colorado. Cockerell, T. D. A. New York, N.Y., Bull. Amer. Mus., 23, 1907, (605-607).

5431 PISCES.

5431.39 GENERAL.

GENERAL.

Dean, B. Dr. Eastman's recent papers on the kinship of the arthropods. Science, 26, 1907, (46-50).

SPECIAL.

Gyrodus. Hennig, E. Palaeontographica, 53, 1906, (137-208).

5431.45 PALAEOZOIC (GENERAL).

Pholidosteus n. gen., *P. friedelii* n. sp. Jackel, O. Berlin, SitzBer. Ges. natf. Freunde, 1907, (171).

5431.55 UPPER PALAEOZOIC.

Asterolepsis clarkei n. sp. Maine. Eastman, C. R. Albany, N.Y., St. Educ. Dept., Mus. Mem., 10, 1907, (40-86).

Cladodus prototypus n. sp. Ohio. Eastman, C. R. l.c.

Deltodus attenuatus n. sp. Missouri. Branson, E. B. J. Geol., 13, 1905, (24-33).

Dinichthys dolichocephalus n. sp. New York. Eastman, C. R. Albany, N.Y., St. Educ. Dept., Mus. Mem., 10, 1907, (135-149).

Glyptaspis abbreviata n. sp. New York and Kentucky. Eastman, C. R. l.c.

Lissoprion n. gen. (near *Edestus*), *L. ferrieri* n. sp. Idaho, Permian-Carboniferous. Hay, O. P. Science, 26, 1907, (22-24).

Machaeracanthus longaevus n. sp. New York. Eastman, C. R. Albany, N.Y., St. Educ. Dept., Mus. Mem., 10, 1907, (40-86).

Macropetalichthys pelmensis n. sp. Hennig, E. Centralbl. Min., 1907, (584-591).

Mylostoma newberryi n. sp. Ohio. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 50, 1907, (209-228, with pl., text fig.).

Pleuracanthus sessilis. Jaekel, O. Berlin, SitzBer. Ges. natf. Freunde, 1906, (155-159).

Polyacrodus (Hybodus) hauffianus. Jaekel, O. l.c.

Protitanichthys fossatus n. sp. Ohio, Eastman, C. R. Albany, N.Y., St. Educ. Dept., Mus. Mem., 10, 1907, (135-149).

Psephodus nn. spp. United States. Branson, E. B. J. Geol., 13, 1905, (24-33).

Ptyctodus punctatus n. sp. Northeastern United States. Eastman, C. R. Albany, N.Y., St. Educ. Dept., Mus. Mem., 10, 1907, (40-86).

Sandalodus nn. spp. United States. Branson, E. B. J. Geol., 13, 1905, (24-33).

5431.65 TRIASSIC.

Acrodus wempliae n. sp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (100-106).

Colobodus chorzowiensis n. sp. Oberschlesien. Ahlburg, J. Berlin, Abh. geol. Landesanst., 50, 1906, (1-163).

Xynesthes n. gen., *X. velox* n. sp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (111-121).

5431.70 JURASSIC.

Eugnathus vetteri n. sp. Deutschland. Heincke, E. Geol. u. palaeont. Abh., 8, 1906, H. 3, (159-214).

Hybodus. Koken, E. t.c. H. 4, 1907, (1-18).

5431.75 CRETACEOUS.

Cestracion sp. Woodward, A. S. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (99).

Corax falcatus Ag. Woodward, A. S. t.c. (100, pl. x, fig. 7).

Hemipristis chiconis n. sp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (100-106).

Lamna basalis Egert. Woodward, A. S. Pietermaritzburg, Geol. Surv. Natal Zulul., 1907, (100, pl. x, figs. 4-6).

Mesodon spinosum n. sp. Libanon. Hennig, E. Centralbl. Min., 1907, (364).

Oxyrhina aff. *mantelli* Ag. Woodward, A. S. Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., 1907, (100, pl. x, figs. 2-3).

Scapanorhynchus. Woodward, A. S. t.c. (99-100).

5431.80 CAENOZOIC (TERTIARY)
(GENERAL).

Eobrycon n. gen. (type *Tetragonopterus avus* Woodward). Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (140-142).

Zebrosoma deani n. sp. West Indies. Hussakof, L. New York, N.Y., Bull. Amer. Mus., 23, 1907, (125-126, with pl.).

5431.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Amyzon brevipinne. Lambe, I. M. Ottawa, Trans. R. Soc. Can., 12, Sect. iv, 1906, (151-156, pl. i).

Knighthia n. gen. (type *Clupea humilis* Leidy). *K. eocaena* n. nom. (= *Clupea humilis* Leidy). Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (131-137).

Mene rhombeus, Skelet. Cramer, R. Berlin, Zs. D. geol. Ges., 53, 1906, Aufsätze, (181-212).

Palaeochromis n. gen., *P. daresti*, *P. rousseleti* nn. spp. Guelma. Sauvage, H. E. Paris, C. R. Acad. sci., 145, 1907, (360-161).

Parapygaeus n. gen., *P. polyacanthus* n. sp. Pellegrin, J. Paris, Bul. soc. philom., 9, 1907, (171-172).

Propristis schweinfurthi. Aegypten. Fraas, E. N. Jahrb. Min., 1907, (1-6).

5431.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Charax haugi n. sp. France. Joleaud, Avignon, Mém. Acad., 6, 1906, (352).

Carcharias nn. spp. France. Joleaud, t.c. (329-333).

Carcharodon nn. spp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (111-121).

Chrysophrys leydierei n. sp. France. Joleaud, Avignon, Mém. Acad., 6, 1906, (350).

Dentex chateleti n. sp. France. Joleaud, t.c. (353).

Diodon vetus. Sardegna. Pasquale, M. Napoli, Rend. Acc. sc., 11, 1905, (71-72).

Etringus n. gen., *E. scintillans* n. sp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (121-130).

Heptanchias andersoni n. sp. California. Jordan, D. S. t.c. (100-106).

Isurus smithii n. sp. California. Jordan, D. S. t.c. (111-121).

Merriamella n. gen., *M. doryssa* n. sp. Nevada. Jordan, D. S. t.c. (131-137).

Odontaspis ferox var. *bartesugoi* n. var. France. Joleaud, Avignon, Mém. Acad., 6, 1906, (335).

Otolithus (*Berycidarum*) nn. spp. Emilia. Bassoli, G. G. Riv. ital. Paleont., 12, 1906, (36-56).

———— (*Caranyidarum*) *inflatus* n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Cepola*) *prerubescens* n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Chrysophris*) *doderleini* Bass. et Schub. n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Corvina*) *gibberulus* Kok. Bassoli, G. G. l.c.

———— (*Dentex*) *speronatus* n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Gobius*) *vicinalis* Kok. Bassoli, G. G. l.c.

———— (*Hoplosthetus*) nn. spp. Emilia. Bassoli, G. G. l.c.

———— (*Labrax*) *lucidus* n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Lophius*) *unicus* n. sp. Emilia. Bassoli, G. G. l.c.

———— (*Pagellus*) *gregarius* Kok. Bassoli, G. G. l.c.

———— (*Sparidarum*) nn. spp. Emilia. Bassoli, G. G. l.c.

Otolithus (Percidarum) armatus Bass. et Scub. n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Peristedion*) *clarus* n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Sciacna*) *speciosus* Kok. Bassoli, G. G. l.c.

————— (*Trachinus*) *miocenicus* Bass. et Schub. n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Trigla*) *mirabilis* n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Fierasjer*) *posterus* Kok. Bassoli, G. G. l.c.

————— (*Hymenocephalus*?) *labiatus* Schub. Bassoli, G. G. l.c.

————— (*Macrurus*) nn. spp. Emilia. Bassoli, G. G. l.c.

————— (*Merlucius*) *preesculentus* n. sp. Bass. et Schub. Emilia. Bassoli, G. G. l.c.

————— (*Ophidiidarum*) nn. spp. Emilia. Bassoli, G. G. l.c.

————— (*Ophidium*) nn. spp. Emilia. Bassoli, G. G. l.c.

————— (*Phycis*) spp., *O. elegans* var. *planata* n. var. Emilia. Bassoli, G. G. l.c.

————— (*Titharus*) *schuberti* n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Platessa*) *lobatus* n. sp. Emilia. Bassoli, G. G. l.c.

————— (*Pleuronectidarum*) *acuminatus* Kok. Bassoli, G. G. l.c.

————— (*Solea*) spp. nn. Emilia. Bassoli, G. G. l.c.

————— (*Hemimorphus*) *italicus* n. sp. Emilia. Bassoli, G. G. l.c.

Raja gentili n. sp. France. Joleaud. Avignon, Mém. Acad., 6, 1906, (337).

Rhynchobatus mayeri n. sp. France. Joleaud. t.c. (337).

Rogenio n. gen., *R. solitudinis bowersi* nn. spp. California. Jordan, D. S. Berkeley, Univ. Cal. Pub., Bull. Dept. Geol., 5, 1907, (121-130).

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Carcharodon nn. spp. California. Jordan, D. S. Berkeley, Univ. Cal.

Pub., Bull. Dept. Geol., 5, 1907, (111-121).

Chasmistes oregonus Starks n. sp. Oregon. Jordan, D. S. t.c. (140-142).

Gasterosteus williamsoni subsp. *leptosomus* n. subsp. Nevada. Hay, O. P. Washington, Smithsonian. Inst., U. S. Nation. Mus., Proc., 32, 1907, (271-273, with text fig.).

5631 REPTILIA AND BATRACHIA.

5631.39 GENERAL.

Jakovlev, N. N. St. Peterburg, Bull. Com. géolog., 24, 1905, (135-148; rés. fr. 149-152).

Pliosaurus. Hermann, R. Centralbl. Min., 1907, (667-669).

5631.55 UPPER PALAEOZOIC.

GENERAL.

Case, E. C. The osteology of the *Diadectidae* and their relations to the Chelydosauria. J. Geol., 13, 1905, (126-159, with illus., text fig.).

————— Revision of the Pelycosauria of North America. Washington, Carnegie Inst. Pub., No. 55, 1907, (11 + 176, with pl., text fig.).

SPECIAL.

Bolosaurus striatus, skull. Case, E. C. New York, N.Y., Bull. Amer. Mus., 23, 1907, (653-658, with pl., text fig.).

Clepsydropinae subfam. n. Case, E. C. Washington, Carnegie Inst. Pub. No. 55, 1907, (18-37).

Diadectes, restoration. Case, E. C. J. Geol., 15, 1907, (556-559, with text fig.).

Dimetrodon nn. spp. Texas, Indian Territory and New Mexico. Case, E. C. Washington, Carnegie Inst. Pub. No. 55, 1907, (47-64).

Elcabrosaurus n. gen., *E. baldwini* n. sp. New Mexico. Case, E. C. t.c. (18-37).

Naosaurinae subfam. n. Case, E. C. t.c. (47-64).

Naosaurus, skeleton. Osborn, H. F. New York, N.Y., Bull. Amer. Mus., 23, 1907, (265-270, with pl., text fig.).

Poliosauridae fam. n. **Case, E. C.** Washington, Carnegie Inst. Pub. No. **55**, 1907, (18-37).

Poliosaurus n. gen. (type *Thero-pleura uniformis* Cope). **Case, E. C. l.c.**

Theropleura grandis n. sp. Texas. Permian. **Case, E. C. l.c.**

Tomicosaurus n. gen., *T. sp.*, Texas. **Case, E. C. t.c.** (47-64).

Zatrachys, description. **Case, E. C.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (665-668, with text fig.).

5631.60 MESOZOIC (GENERAL).

Ichthyosaurus. **Branca, W.** Berlin, Abh. Ak. Wiss., **1908**, (34, mit 1 Taf.).

5631.65 TRIASSIC.

GENERAL.

Branson, E. B. Structure and relationships of American *Labyrinthodontidae*. *J. Geol.*, **13**, 1905, (568-610, with illus., text fig.).

Broili, F. Ueber die Reste eines Nothosauriden aus den Kössener Schichten. *Centralbl. Min.*, **1907**, (337-339).

Schmidt, M. Labyrinthodontenreste aus dem Hauptkonglomerat von Altensteig in württembergischen Schwarzwald. Stuttgart, Mitt. geol. Abt. stat. Landesamt, No. **2**, 1907, (1-10, mit 1 Taf.).

SPECIAL.

Aetosaurus crassicauda n. sp. **Fraas, E.** Stuttgart, Jahreshefte Ver. Natk., **63**, 1907, (101-109, mit 2 Taf.).

Anachisma gen. n., *A. browni, A. brachygnatha* nn. spp. Wyoming. **Branson, E. B.** *J. Geol.*, **13**, 1905, (570-589).

Cymbospondylus petrinus? Nevada. **Merriam, J. C.** Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, [1905], (33-38, with 1 pl.).

Dicynodon sp. **Broom, R.** Pietermaritzburg, Rep. Geol. Surv. Natal Zulul., **1907**, (94).

————— *ingens* n. sp. Natal. **Broom, R.** Ann. Natal Govt. Mus., London, **1**, 1907, (168, pl. xxviii, fig. 1-4).

Lystrosaurus andersoni sp. n. Natal. **Broom, R. t.c.** (94).

Palacrodon, systematische Stellung. **Норска, F.** *Centralbl. Min.*, **1907**, (526-527).

Paleorhinus, skull: **Lees, J. H. J.** *Geol.*, **15**, 1907, (121-151, with illustr. text fig.).

Scymnosaurus warreni n. sp. Natal. **Broom, R.** Ann. Natal Govt. Mus., London, **1**, 1907, (169, pl. xxviii, fig. 5-7).

Thalattosaurus n. gen., *T. alexandrae* n. sp. California. **Merriam, J. C.** Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1904, (419-421, with text fig.).

5631.70 JURASSIC.

GENERAL.

Dollo, L. Les allures des Iguanodons d'après les empreintes des pieds et de la queue. *Bul. sci. France-Belgique*, **40**, 1907, (1-12, av. fig.).

Thévenin, A. Sur les Dinosauriens du Jurassique de Madagascar. Paris, C. R. Acad. sci., **144**, 1907, (1302-1304).

————— Paléontologie de Madagascar. IV. Dinosauriens. *Ann. paléont.*, **2**, 1907, (121-136).

SPECIAL.

Alligatorium franconicum n. sp. Bayern. **Ammon, L. von.** *Geogn. Jahreshefte*, **18**, (56).

Baptanodon reedi n. sp. Wyoming. **Gilmore, C. W.** *Amer. J. Sci.*, **23**, 1907, (193-198, with text fig.).

Brontosaurus, skeleton. **Matthew, W. D.** *Amer. Mus. J.*, **5**, 1905, (62-70, with illustr., text fig.).

————— *excelsus* Marsh. **Sangiorgi-Belluso, V.** *Boll. naturalista*, **26**, 1906, (20-21).

Camarosaurus. **Riggs, E. S.** Chicago, Ill., Field Columb. Mus. Pub., *Geol. Ser.*, **1**, 1901, (273-281).

Camptosaurus, axis intercentrum. **Gilmore, C. W.** Washington, Smithsonian Inst., U. S. Nation. Mus., *Proc.*, **32**, 1907, (151-165, with pl., text fig.).

Metriorhynchus. **Abel**, O. *Centralbl. Min.*, **1907**, (225-235).

———— **Arthaber**, G. von. *Centralbl. Min.*, **1907**, (385-397); *Interextremität. t.c.* (502-508, 536-538).

———— **Auer**, E. *t.c.* (353-359).

Morosaurus, fore leg and pectoral girdle. **Riggs**, E. S. *Chicago, Field Columb. Mus. Pub. Geol. Ser.*, **1**, 1901, (273-281).

———— *agilis* redescribed. **Gilmore**, C. W. *Washington, Smithson. Inst., U. S. Nation. Mus., Proc.*, **32**, 1907, (151-165, with pl., text fig.).

Rhamphorhynchus kokeni n. sp. Schwaben. **Plieninger**, F. *Palaeontographica*, **53**, 1907, (209-314).

Teleidosaurus gaudryi n. sp. **Collet**, L. *Dijon, Mém. Acad. sci. arts*, **10**, 1905, (7, pls. i-iii).

Thecolontosaurus elisae n. sp. **Sauvage**, H. E. *Infralias de Provençhères, Chaumont*, 1907, (6-17, pl. 3).

5631.75 CRETACEOUS.

GENERAL.

Baëna pulchra n. sp. Alberta. **Lambe**, L. M. *Ottawa Nat.*, **19**, 1906, (187-196).

Boremys n. gen., *B. pulchra* n. sp. Alberta. **Lambe**, L. M. *t.c.* (232).

Brachauchenius, skull. **Williston**, S. W. *Washington, Smithson. Inst., U. S. Nation. Mus., Proc.*, **32**, 1907, (477-489, with pl.).

Holosaurus abruptus, osteology. **Capps**, S. R., jun. *J. Geol.*, **15**, 1907, (350-356, with illus., text fig.).

Ichthyosaurus platydictylus n. sp. N. Deutschland. **Broili**, F. *Palaeontographica*, **54**, 1907, (159).

Iguanodon. **Branca**, W. *Berlin, SitzBer. Ges. natf. Freunde*, **1907**, (11).

Protostega gigas. **Sternberg**, E. H. *Topeka, Trans. Kan. Acad. Sci.*, **19**, 1905, (123-128).

Testudo exornata n. sp. Assiniboia. **Lambe**, L. M. *Ottawa Nat.*, **19**, 1906, (187-196).

5631.80 CAENOZOIC (TERTIARY) (GENERAL).

GENERAL.

Hay, O. P. The fossil turtles of the Bridger basin. *Amer. Geol.*, **35**, 1905, (327-342, with text fig.).

SPECIAL.

Ocadia spp. **Stefano** (Di), G. *Milano, Atti. Soc. ital. sc. nat.*, **44**, 1905, (37-47).

Propseudopus. **Stefano** (Di), G. *Riv. ital. paleont., Perugia*, **11**, 1905, (30-33).

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Alligator gaudryi n. sp. Quercy. **Stefano** (Di), G. *Roma, Boll. Soc. geol. ital.*, **24**, 1905, (25, pl. iii).

Aspideretes singularis n. sp. New Mexico. **Hay**, O. P. *New York, N.Y., Bull. Amer. Mus.*, **23**, 1907, (847-863).

Diplocynodon gracilis Vaill. **Stefano** (Di), G. *Roma, Boll. soc. geol. ital.*, **24**, 1905, (35, pl. iv).

Elaphis boulei n. sp. Quercy. **Stefano** (Di), G. *t.c.* (41, pl. iv).

Ocadia sp. **Stefano** (Di), G. *t.c.* (52, pl. v).

———— *bassanii* n. sp. Francia merid. **Stefano** (Di), G. *op. cit.* **25**, 1906, (535-542, con 2 fig.).

Paleryx cayluxi n. sp. Quercy. **Stefano** (Di), G. *op. cit.* **24**, 1905, (49, pls. iv, v).

Plastomenus acupictus n. sp. New Mexico. **Hay**, O. P. *New York, N.Y., Bull. Amer. Mus.*, **23**, 1907, (847-863).

Platypeltis n. spp. Western United States. **Hay**, O. P. *l.c.*

Pterosphenus schweinfurthi. **Jannensch**, W. *Arch. Biont.*, **1**, 1906, (307-350).

Ptychogaster sp. **Stefano** (Di), G. *Roma, Boll. Soc. geol. ital.*, **24**, 1905, (54, pl. v).

Scytalophis lafonti (De Roch.). **Stefano** (Di), G. *t.c.* (49, pl. v).

Tachyophis nitidus De Roch. **Stefano** (Di), G. *t.c.* (42, pl. iv).

5631.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Macrochelys floridana n. sp. Florida.
Hay, O. P. New York, N.Y., Bull.
Amer. Mus., 23, 1907, (847-863).

Terrapene canaliculata n. sp. Georgia,
Pliocene or Pleistocene. Hay, O. P.
l.c.

6031 MAMMALIA.

6031.39 GENERAL.

Lull, R. S. The evolution of the
horse family. Amer. J. Sci., 23, 1907,
(161-182).

6031.80 CAENOZOIC (TERTIARY)
(GENERAL).

GENERAL.

Eastman, C. R. Types of fossil cetaceans
in the Museum of comparative
zoology. Cambridge, Mass., Bull. Mus.
Comp. Zool. Harvard Coll., 51, 1907,
(77-94 with text fig., 4 pl.).

SPECIAL.

Anoplonassa forcipata. True, F. W.
Cambridge, Mass., Bull. Mus. Comp.
Zool. Harvard Coll., 51, 1907, (95-
106, with 3 pls.).

Bubalus andersoni n. sp. Zululand.
Scott, W. B. Pietermaritzburg, Rep.
Geol. Surv. Natal Zulul., 1907, (256,
pl. xvi, figs. 4, 4a).

Elephas (Loxodon) zulu n. sp. Zululand.
Scott, W. B. l.c. (259, pl. xvii,
fig. 6; pl. xviii).

Hippopotamus ponderosus n. sp.
Zululand. Scott, W. B. l.c. (255, pl.
xvi, fig. 1-3).

Opsiceros simplicidens n. sp. Zululand.
Scott, W. B. l.c. (257, pl. xvii,
figs. 3-5).

Paramys nn. spp. Wyoming. Loomis,
F. B. Amer. J. Sci., 23, 1907, (123-
130).

Sciuravus depressus n. sp. Wyoming.
Loomis, F. B. l.c.

Tapirus cristellatus n. sp. Brazil.
Winge, H. Kjöbenhavn, E. Mus. Lund.,
3, 1906, (1-239).

6031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

GENERAL.

Trouessart. Rapports des Lémuriens
fossiles de France avec ceux de Madagasc-
car, et sur l'origine diphylétiqne des
Lémuriens actuels. Paris, C. R. soc.
biol., 62, 1907, (125-127).

SPECIAL.

Agorophius pygmaeus. True, E. W.
Washington, Smithsonian Inst., [Pub.
No. 1694], 1907, (1-8, with 1 pl.).

Cyrtodelphis sulcatus. Belluno.
Piaz (Del), G. Palaeontogr. ital., 11,
1905, (253-279).

Eucrotaphus spp. nn. N. Dakota,
Montana. Douglass, E. Pittsburg,
Pa., Ann. Carnegie Mus., 4, 1907, (99-
103).

Hemibradypus mareyi Anth., affinité
avec les *Hapalopsidae* du Santacruzien
de l'Amérique du Sud. Anthony, R.
Paris, C. R. Acad. sci., 144, 1907, (219-
222).

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Meshippus westoni, tooth structure.
Lambe, L. M. Amer. Geol., 35, 1905,
(243-245, with pl.).

6031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

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[44], 1905, (73-81, with pl.).

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mammoth *Elephas columbi* and jaws
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SPECIAL.

Acaremys major n. sp. Patagonia.
Scott, W. B. Rep. Princeton Univ. Exp.
Patagonia, 5, 1905, (418-485).

- Blastomeryx advena* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (217-219).
- Cynodesmus* nn. spp. South Dakota. **Matthew, W. D.** t.c. (182-205).
- Cyrtodelphis sulcatus*. **Bassani, F.** Roma, Boll. Soc. geol. ital., **24**, 1905, (xlvii).
- Desmathyus* n. gen. (near *Perchoerus*)
D. pinensis n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (217-219).
- Desmatophoca* n. gen. (near *Phoca*),
D. oregonensis n. sp. Oregon. **Condon, T.** Eugene, Univ. Oregon Bull., **3**, (No. 3, Supplement), 1906, (1-14, with pl., text fig.).
- Elephas antiquus* Falc. **Flores, E.** Roma, Boll. Soc. geol. ital., **25**, 1906, (277-280, con fig.).
- *lyrodon*. **Valdarno, Puccioni, N.** Riv. ital. paleont., **11**, 1905, (74-78).
- Enhydrocyon crassidens* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (182-205).
- Enoptychus* nn. spp. South Dakota. **Matthew, W. D.** t.c. (205-216).
- Eocardia petersoni* n. sp. Patagonia. **Scott, W. B.** Rep. Princeton Univ. Exp. Patagonia, **5**, 1905, (418-485).
- Epigaulus* n. gen., *E. hatcheri* n. sp. **Gidley, J. W.** Washington, Smithson. Inst., U. S. Nation Mus., Proc., **32**, 1907, (627-636, with illus., pl.).
- Eucinepeltus crassus* n. sp. Patagonia. **Scott, W. B.** Rep. Princeton Univ. Exp. Patagonia, **5**, 1903, (42-206).
- Euhapsis gaulodon* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (205-216).
- Felis lunensis* n. sp. Toscana. **Martelli, A.** Roma. Boll. Soc. geol. ital., **25**, 1906, (595-612).
- Hapalops* nn. spp. Patagonia. **Scott, W. B.** Rep. Princeton Univ. Exp. Patagonia, **5**, 1904, (236-326)
- *longiceps* n. sp. Patagonia. **Scott, W. B.** t.c. 1903, (42-206).
- Hyaena* sp. **Bertolotti, C.** Riv. Ital. paleont., **11**, 1905, (34-36, con fig.).
- Hypertragulus ordinatus* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (217-219).
- Hypohippus osborni* n. sp. Colorado. **Gidley, J. W.** t.c. (868-933).
- Idiocetus guicciardinii*. **Capellini, G.** Bologna, Mem. Acc. sc., **2**, 1905, (71-80).
- Lepus* nn. spp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (205-216).
- Mastodon simorrensis*. **Pontier.** Naturaliste, Paris, **29**, 1907, (5-7).
- Megalictis* n. gen. (near *Mellivora*),
M. ferox n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (182-205).
- Megalonychotherium* n. gen. (near *Hapalops*). Patagonia, **Scott, W. B.** Rep. Princeton Univ. Exp. Patagonia, **5**, 1904, (236-326).
- Merychippus campestris* n. sp. Colorado, Miocene. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (868-933).
- Merycoides* n. gen. (near *Limnenetes*)
M. cursor n. sp. Montana. **Douglass, E.** Pittsburg, Pa., Ann. Carnegie Mus., **4**, 1907, (99-103).
- Mesocetus hungaricus* n. sp. **Kadić, O.** Földt. Évk., **16**, 1907, (21-86, mit 3 Taf. u. 70 Text fig.).
- Mesocyon robustus* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (182-205).
- Mesoreodon* (?) *latidens* n. sp. Montana. **Douglass, E.** Pittsburg, Pa., Ann. Carnegie Mus., **4**, 1907, (99-103).
- *longiceps* n. sp. Montana. **Douglass, E.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (811-816).
- Metopotoxus anceps* n. sp. Patagonia. **Scott, W. B.** Rep. Princeton Univ. Exp. Patagonia, **5**, 1903, (42-206).
- Nimravus sectator* n. sp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (182-205).
- Nothocyon* nn. spp. South Dakota. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus., **23**, 1907, (182-205).

Oligobunis lepidus n. sp. South Dakota, Lower Miocene. **Matthew, W. D. l.c.**

Parahippus nn. spp. Colorado, Miocene. **Gidley, J. W. l.c.** (868-933).

Parentatus n. gen. (type *Eutatus distans* Amegh.). **Scott, W. B. Rep. Princeton Univ. Exp. Patagonia, 5, 1903, (42-206).**

Perimys ameghinoi n. sp. Patagonia. **Scott, W. B. l.c. 1905, (418-485).**

Planops magnus n. sp. Patagonia. **Scott, W. B. l.c. 1904, (236-326).**

Pontolis n. nom. (= *Pontoleon* True not *Pontoleo* Gloger). **True, F. W. Washington, D.C., Proc. Biol. Soc., 18, 1905, (253).**

Proeutatus robustus n. sp. Patagonia. **Scott, W. B. Rep. Princeton Univ. Exp. Patagonia, 5, 1903, (42-206).**

Prolagostomus obliquidens n. sp. Patagonia, Miocene. **Scott, W. B. l.c. 1905, (418-485).**

Promerycochoerus spp. nn., Montana, **Douglass, E. Pittsburg, Pa., Ann. Carnegie Mus., 4, 1907, (104-109).**

Pronomotherium n. gen. (Type *Merycochoerus laticeps* Douglass). Montana. **Douglass, E. l.c. (94-95).**

Proputorius nn. spp. Toscano. **Martelli, A. Roma, Boll. Soc. geol. ital., 25, 1906, (595-612).**

Protohippinae n. nom. (= *Hippotheriinae* Cope). Colorado. **Gidley, J. W. New York, N.Y., Bull. Amer. Mus., 23, 1907, (868-933).**

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————— (*Coelodonta*) *etruscus* **Falc. var. astensis** **Sacco, F. Torino, Mem. Acc. Sc., 56, 1906, (105-116, con tav.).**

————— *mercki* **Jaeg. Flores, E. Roma, Boll. Soc. geol. ital., 25, 1906, (277-280, con fig.); Ugolini, R. Pisa, Ann. Univ. tosc., 25, 1906, (1-48, con 4 tav.).**

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Sciarmys nn. spp. Patagonia. **Scott, W. B. l.c.**

Steiromys intermedius n. sp. Patagonia. **Scott, W. B. l.c.**

Steneofiber nn. spp. South Dakota. **Matthew, W. D. New York, N.Y., Bull. Amer. Mus., 23, 1907, (205-216).**

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Sus. **Fiedler. Zs. Ethn., 39, 1907, (449-508).**

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————— *brachymelis* n. sp. Montana. **Douglass, E. New York, N.Y., Bull. Amer. Mus., 23, 1907, (811-816).**

Trichechus antverpiensis n. sp. **Rutten, L. Amsterdam, Proc. Sci. K. Akad. Wet., 10, [1907], (2-14, with 1 pl.) (English); Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet., 15, 1907, (798-811, with 1 pl.) (Dutch).**

6031.95 PLEISTOCENE AND RECENT.

GENERAL.

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- Bison kansensis* n. sp. **Kansas**. **McClung**, C. E. Topeka. *Trans. Kan. Acad. Sci.*, **19**, 1905, (157-159, with pl.).
- **Pavlova**, M. St.-Peterburg, *Mém. Ac. Sc.*, **20**, 1906, (1-95, av. 8 pls.); **21**, 1906, (1-40).
- *occidentalis*. **Yukon**. **Osgood**, W. H. Washington, D.C., *Proc. Biol. Soc.*, **20**, 1907, (65).
- Bos*. **Fiedler**. *Zs. Ethn.*, **39**, 1907, (449-508).
- **Pavlova**, M. St.-Peterburg, *Mém. Ac. Sc.*, **20**, 1906, (1-95, av. 8 pls.); **21**, 1906, (1-40).
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- **Vrublevskij**, K. St. Peterburg, *Ann. Mus. zool. Ac. sc.*, **10**, [1907], (82-118).
- Cervus* n. sp. **Pavlova**, M. St.-Peterburg, *Mém. Ac. Sc.*, **20**, 1906, (1-95, av. 8 pl.); **21**, 1906, (1-40).
- *tarandus*. **Schweder**, G. Riga, *Korr-bl. Naturf.-Ver.*, **49**, 1906, (17-39).
- Elephas*. **Pavlova**, M. St.-Peterburg, *Mém. Ac. Sc.*, **21**, 1906, (1-40).
- *columbi*, skeleton of. *Amer. Mus. J.*, **7**, 1907, (5-6).
- **Osborn**, H. F. New York, N.Y., *Bull. Amer. Mus.*, **23**, 1907, (255-257, with text fig.).
- *primigenius*. **Bátky**, Z. *Pótf. Term. Közl.*, **39**, 1907, (80).
- **Bestol**, B. Charleville, *Bul. soc. hist. nat.*, **12**, 1905, (54-58).
- **Boitel**. Paris, C. R. ass. *franz. avanc. sci.*, **36**, 1907, (221).
- **Schwanz**. **Brandt**, A. *Biol. Centralbl.*, **27**, 1907, (301-311).
- tusks and size. **Lucas**, F. A. *Science*, **26**, 1907, (836-837).
- **Nugue**, P. Chalon-sur-Saône, *Bul. soc. sci. nat.*, **33**, 1907, (192-196, av. fig.).
- Elephas primigenius*. **Pfizenmayer**, E. St. Peterburg, *Verh. Russ. miner. Ges.*, **43**, 1905, (521-542, mit 1 Taf.); *Washington, Smithson. Inst., Rep.*, **1906**, 1907, (321-333, with pl.).
- **Neusibirien**. **Pohlig**, H. Berlin, *Monatsber. D. geol. Ges.*, **1907**, (222).
- **Preuss**, E. *Brandenburgia*, **16**, 1907, (161-162).
- Equus*. **Berezowski**, A. *Wszechświat*, *Warszawa*, **26**, 1907, (425-428).
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- Euceratherium* **Furlong** and **Sinclair** n. gen., *E. collinum* **Furlong** and **Sinclair** n. sp. California. **Sinclair**, W. J. Berkeley, *Univ. Cal. Pub., Amer. Archaeol. Ethnol.*, **2**, 1904, (18).
- Felis fasciatus* subsp. n., *parvus*. California. **Bovard**, J. F. Berkeley, *Univ. Cal. Pub., Bull. Dept. Geol.*, **5**, 1907, (157-166).
- Grypotherium*. **Stremme**, H. *Aus d. Natur*, **2**, 1906, (391-398).
- Hippopotamus amphibius* var. *robustus* n. var. **Fraas**, E. Berlin, *Zs. D. geol. Ges.*, **59**, 1907, *Aufsätze*, (232-243, mit 1 Taf.).
- Homo*. *Aus dem Szinvalate*. **Kadić**, O. *Földt. Közl.*, **16**, 1907, (333-345, 381-395, mit 4 Fig.).
- **Szilády**, Z. *Term. Közl.*, **39**, 1907, (329-331).
- *primigenius*. **Gorka**, S. *Pótf. Term. Közl.*, **39**, 1907, (155-157).
- **Zähne**. **Adloff**, P. *Anat. Anz.*, **31**, 1907, (273-282); *Zs. Morph.*, **10**, 1907, (197-202).
- Myodes torquatus*. **Harlé**, E. Paris, *Bul. soc. géol.*, **6**, 1906, (11-12).
- Okapia johnstoni*. **Carruccio**, A. Roma, *Boll. Soc. zool. ital.*, **6**, 1905, (177-190, con tav.).
- Ovibos*. **Pavlova**, M. St. Peterburg, *Mém. Ac. Sc.*, **20**, 1906, (1-95, av. 8 pls.); **21**, 1906, (1-40).
- Phoca groenlandica* **Sundsvall** in *Litorina-strata*. **Adlerz**, G. Stockholm, *Geol. För. Förh.*, **28**, 1906, (133-137).

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Saiga. **Pavlova**, M. St.-Peterburg, *Mém. Ac. Sc.*, **20**, 1906, (1-95, av. 8 pl.).

Symbos n. nom. (= *Scaphoceros* Osgood preoc.) **Osgood**, W. H. Washing-

ton, D. C., *Proc. Biol. Soc.*, **18**, 1905, (223-224).

Smilodon californicus n. sp. California. **Bovard**, J. F. Berkeley, Univ. Cal. Pub., *Bull. Dept. Geol.*, **5**, 1907, (157-166).

Trichechus rosmarus. N. Brunswick. St. John, *Bull. Nat. Hist. Soc. N. Brunsw.*, **5**, 1906, (462-464).

LIST OF NEW GENERA AND SPECIES.

0431 PROTOZOA.

ALVEOLINA [Foraminifera].

- *canavarii*. Checcia-Rispoli.
4571.
———— *ciofaloi*. Checcia-Rispoli.
4571.
———— *cremae*. Checcia-Rispoli.
4571.
———— *di-stefanoi*. Checcia-Ris-
poli. 4571.
———— *schwageri*. Checcia-Rispoli.
4571.
———— *violae*. Checcia-Rispoli.
4571.

BACULOGYPSINA [Foraminifera].

- *meneghini*. Silvestri. 5101.

BRUGUIEREA [Foraminifera].

- *fichteli* var. *vialei* n. var.
Parisch, C. 4968.
———— *subdepressa*. Prever. 5009.
———— *subrara*. Prever. 5009.

CHAPMANIA [Foraminifera].

- *gassinensis*. Silvestri. 5103
5108.

CYRTOCAPSA [Radiolaria].

- *la-vallee*. Cocco. 4583.

DICTYOCHA [Radiolaria].

- *bifenestrata*. Cocco. 4583.

FUSULINA [Foraminifera].

- *carnica*. Gortani. 4714.

GÜMBELIA [Foraminifera].

- *operculiniformis* var. *granu-
lata* n. var. Parisch.
4968.
———— *subparva*. Prever. 5009.

LEPIDOCYCLINA [Foraminifera].

- *ciofaloi*. Checcia-Rispoli.
4573, 4574.
———— *confusa*. Silvestri. 5102.
———— *di-stefanoi*. Checcia-Ris-
poli. 4573.
———— *himerensis*. Checcia-Ris-
poli. 4574.

LEPIDOCYCLINA [Foraminifera].

- *lottii*. Silvestri. 5102.
———— *planulata*. Checcia-Rispoli.
4574.
———— *selinuntina*. Checcia-Ris-
poli. 4570.

OPERCULINA [Foraminifera].

- *formai*. Parisch. 4968.
———— *preveri*. Parisch. 4968.
———— var. *elegans* n. var.
Parisch. 4968.

ORBITOIDES [Foraminifera].

- *caucasica*. Bogdanovic.
4497.

ORBITOLINA [Foraminifera].

- *bochini*. Parona. 4972.
———— *kiliani*. Parona. 4972.
———— *paronai*. Parona. 4972.

ORTHOPHRAGMINA [Foraminifera].

- *di-stefanoi*. Checcia-Rispoli.
4566.

PARONAEA [Foraminifera].

- *bouilleti* var. *taxispira* n. var.
Parisch. 4968.
———— *chelussii*. Prever. 5009.
———— *guidi*. Parisch. 4968.
———— *linae*. Parisch. 4968.
———— *rosai* var. *obesa* n. var.
Parisch. 4968.
———— *subeocaenica*. Prever. 5009.
———— *subguidi*. Parisch. 4968.
———— *sublinae*. Parisch. 4968.
———— var. *mariae* n. var.
Parisch. 4968.
———— *submicrocontorta*. Parisch.
4968.
———— *tchihatcheffi* var. *roveretoi* n.
var. Parisch. 4968.
———— *vasca* var. *italica* n. var.
Parisch. 4968.

Pellatispira n. gen. [Foraminifera].

- Boussac. 4507.
———— *douvillei*. Boussac. 4507.

- RUPERTIA [Foraminifera].
 ——— *elongata*. Leardi in Airaghi.
 4844.
 ——— *uhligi*. Leardi in Airaghi.
 4844.
 SPIROCLYPEUS [Foraminifera].
 ——— *granulosus*. Boussac. 4507.

0631 PORIFERA.

- HINDIA [Lithistida].
 ——— *indianensis*. Whitfield.
 5226.
 SOMPHOSPONGIA [Incertae Sedis].
 ——— *favositifformis*. Whitfield.
 5226.
 Vermispongia n. gen. [Incertae Sedis].
 Whitfield. 5226.
 ——— *dactyliformis*. Whitfield.
 5226.
 ——— *hamiltonensis*. Whitfield.
 5226.

0831 COELENTERATA.

- ACANTHOCOENIA [Hexacoralla].
 ——— *cerioi*. Angelis d'Ossat.
 4447.
 ALVEOLITES [Tabulata].
 ——— *angusticellata*. Sobolev.
 5127.
 AMPHIASTRAEA [Hexacoralla].
 ——— *waltheri*. Angelis d'Ossat.
 4447.
 AMPLEXUS [Tetracoralla].
 ——— *archimediiformis*. Rowley.
 5040.
 APLOSMILIA [Hexacoralla].
 ——— *vidali*. Angelis d'Ossat.
 4448.
 AULASTRAEA [Hexacoralla].
 ——— *bassanii*. Angelis d'Ossat.
 4447.
 AXOSMILIA [Hexacoralla].
 ——— *almerai*. Angelis d'Ossat.
 4448.
 ——— *bofilli*. Angelis d'Ossat. 4448.
 Carnegia n. gen. [Stromatoporidac].
 Girty. 4708.
 ——— *bassleri*. Girty. 4708.
 CHAETETES [Tabulata].
 ——— *capri* 1. Angelis d'Ossat.
 4447.
 ——— *capri* 2. Angelis d'Ossat.
 4447.

- CHAUNOGRAPTUS [Graptolitoidea].
 ——— *gracilis*. Clarke. 4578.
 CLADOCORA [Hexacoralla].
 ——— *gabriellinae*. Angelis d'Ossat.
 4448.
 Cladocoropsis n. gen. [Hexacoralla].
 Felix 4667.
 ——— *mirabilis* n. sp. Felix. 4667.
 CONVEXASTRAEA [Hexacoralla].
 ——— *almerai*. Angelis d'Ossat.
 4448.
 CYATHOPHORA [Hexacoralla].
 ——— *déchy*. Papp. 4967.
 ——— *de-lorenzo*. Angelis d'Ossat.
 4447.
 CYATHOPHYLLUM [Tetracoralla].
 ——— *diantoides*. Sobolev. 5127.
 DENDROGYRA [Hexacoralla].
 ——— *kobyi*. Angelis d'Ossat.
 4447.
 DIMORPHASTRAEA [Hexacoralla].
 ——— *crassisepta* var.
 ——— *subcrassisepta* n. var. An-
 gelis d'Ossat. 4448.
 ENDOPHYLLUM [Tetracoralla].
 ——— *hallaeforme*. Sobolev. 5127.
 ——— *scalense*. Sobolev. 5127.
 EPISMILIA [Hexacoralla].
 ——— *frechi*. Angelis d'Ossat.
 4448.
 ——— *ogilviei*. Angelis d'Ossat.
 4448.
 EUGYRA [Hexacoralla].
 ——— *pusilla* var. *pauciseptata* n.
 var. Angelis d'Ossat.
 4447.
 HALLIA [Tetracoralla].
 ——— *breviseptata*. Sobolev. 5127.
 HETERASTRAEA [Hexacoralla].
 ——— *cvijiei*. Oppenheim. 4946.
 HYDNOPHORA [Hexacoralla].
 ——— *oppenheim*. Angelis d'Ossat.
 4447.
 LATIMAEANDRARAEA [Hexacoralla].
 ——— *felicii*. Angelis d'Ossat.
 4448.
 ——— *submorchella*. Angelis d'Ossat.
 4448.
 LONSDALEIA [Tetracoralla].
 ——— *chinensis*. Girty. 4708.
 MICHELINEA [Tabulata].
 ——— *favositoides*. Girty. 4708.

- MONTLIVALTIA** [Hexacorallia].
 ——— *molukkana*. Wanner. 5199.
 ——— *szechenyii*. Papp. 4967.
- PACHYPORA** [Tabulata].
 ——— *intabulata*. Wanner. 5199.
- PARACYATHUS** [Hexacoralla].
 ——— *vaughani*. Weller. 5214.
- PEPLOSMILIA** [Hexacoralla].
 ——— *casanasi*. Angelis d'Ossat. 4448.
 ——— *catalannica*. Angelis d'Ossat. 4448.
 ——— *coquandi*. Angelis d'Ossat. 4448.
 ——— *fromenteli*. Angelis d'Ossat. 4448.
 ——— *iberica*. Angelis d'Ossat. 4448.
 ——— *thildae*. Angelis d'Ossat. 4448.
- PLEURODICTYUM** [Tabulata].
 ——— *lenticulare* var. *laurentinum*
 n. var. Clarke. 4578.
- PLEUROSILIA** [Hexacoralla].
 ——— *di-stefanoi*. Angelis d'Ossat. 4447.
 ——— *kobiji*. Angelis d'Ossat. 4448.
 ——— *vaughani*. Angelis d'Ossat. 4448.
 ——— *volzi*. Angelis d'Ossat. 4448.
- STYLINA** [Hexacoralla].
 ——— *paronai*. Angelis d'Ossat. 4447.
 ——— *steinmanni*. Angelis d'Ossat. 4447.
- THECOSMILIA** [Hexacoralla].
 ——— *catalannica*. Angelis d'Ossat. 4448.
- TROCHOSMILIA** [Hexacoralla].
 ——— *nebianii*. Angelis d'Ossat. 4448.
 ——— ? *plani alpici*. Répelin. 5031.
 ——— *portisii*. Angelis d'Ossat. 4448.
 ——— *sandalina*. Angelis d'Ossat. 4448.
- ZAPHRENTIS** [Tetracoralla].
 ——— *polonica*. Sobolev. 5127.
- 1031 ECHINODERMATA.**
- ACROSALENIA** [Echinoidea].
 ——— *guebhardi*. Lambert et Savin. 4834.
- ARCHAEOCIDARIS** [Echinoidea].
 ——— *pizzulana*. Gortani. 5188.
- ARCHAEOCRINUS** [Crinoidea].
 ——— *delicatus*. Hudson. 4779.
- CARDIASTER** [Echinoidea].
 ——— *patagonicus*. Wilckens. 5231.
 ——— *smocki*. Clark. Weller. 5214.
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 ——— *rohlfsi*. Krumbek. 4823.
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 ——— *pasilliensis*. Valette. 5182.
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 ——— *nachtigali*. Krumbek. 4823.
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- MARETIA [Echinoidea].
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 ——— *lamberti*. Airaghi. 4424.
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- CAMAROTOECHIA** [Brachiopoda].
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 ——— *ellsii*. Clarke. 4578.
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 ——— *altimuralis*. Weller. 5214.
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 ——— *concatenata*. Canu. 4540.
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 ——— *attobergi*. Hennig. 4760.
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 ——— *variabilis*. Canu. 4540.
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 ——— *chinensis*. Girty. 4708.
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 ——— *acer*. Clarke. 4578.
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 ——— *blainvillii*. Clarke. 4578.
- HEMIPRONITES** [Brachiopoda].
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 ——— *norwoodi*. Nickles. 4937.
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 ——— *champlaini*. Clarke. 4578.
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 ——— *canadensis*. Clarke. 4578.
- ORTHOTETES** [Brachiopoda].
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 ——— *cretacea*. Weller. 5214.
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 ——— *elongata*. Canu. 4540.
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 ——— *incisa*. Canu. 4540.
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 ——— *callida*. Clarke. 4578.
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- RETZIA** [Brachiopoda].
 ——— *canalifera*. Scupin. 5092.
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 ——— *lehuquetiana*. Clarke. 4578.
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 ——— *lacunosa* var. *maroccanica*
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 ——— *pentagonalis*. Scupin. 5092.
 ——— *plurigibba*. Martelli. 4875.
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 ————— *pseudopugnus*. Scupin. 5092.
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- *amii*. Clarke. 4578.

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- *de-angelisi*. Neviani. 4929.

SMITTIPORA [Bryozoa].

- *cellarioides*. Canu. 4540.

SPHRAGIOPORA [Bryozoa].

- *silurica*. Hennig. 4760.

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- *aroostookensis*. Clarke. 4578.
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 ————— *cymindis*. Clarke. 4578.
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 ————— *geyeri*. Scupin. 5092.
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 ————— *macropleuroides*. Clarke. 4578.
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 ————— *prumiensis*. Drevermann. 4647.
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 ————— *stachei*. Scupin. 5092.
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SPIRIFERINA [Brachiopoda].

- *di-stefanoi*. Piaz (Dal). 4992.
 ————— *taramellii*. Gortani. 4715.

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 ————— *minor*. Hennig. 4760.
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 ————— *hunti*. Clarke. 4578.
 ————— *parva* var. *avita* n. var. Clarke. 4578.
 ————— *patersoni* var. *bonamica* n. var. Clarke. 4578.
 ————— *patersoni* var. *praecedens* n. var. Clarke. 4578.
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- *frechi*. Scupin. 5092.

STROPHONELLA [Brachiopoda].

- *continens*. Clarke. 4578.

TEREBRATELLA [Brachiopoda].

- *gigantea*. Ortmann. 4949.

TEREBRATULA [Brachiopoda].

- *cernagorensis*. Martelli. 4872.
 ————— *schellwieni*. Gortani. 4714.
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 ————— *synophrys* var. *polypticta* n. var. Piaz (Dal). 4992.
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- *brundidgensis*. Aldrich. 4431.

THAMNISCUS [Bryozoa].

- *törngvisti*. Hennig. 4760.

TREMATOSPIRA [Brachiopoda].

- *perforata* var. *atlantica* n. var. Clarke. 4578.

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- *levinseni*. Canu. 4540.

TRIPLECIA [Brachiopoda].

- *plicata*. Wiman. 5240.

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- *orbicularis*. Canu. 4540.

WALDHEIMIA [Brachiopoda].

- *bellunensis*. Piaz (Dal). 4992.
 ————— *bellunensis* var. *macilentia* n. var. Piaz (Dal). 4992.

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 ——— *stapia* var. *meridionalis* n.
 var. Piaz (Dal). 4992.
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 ——— *baylei*. Pervinquière. 4989.
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 ——— *quadratum*. Crick. 4611.
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 ——— *suzanna*. Pervinquière.
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 ——— *arthaberi*. Reis. 5028.
 ——— *portisi*. Martelli. 4875.

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 ——— *remotisulcatus*. Cossmann.
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 ——— *parvissima*. Répelin. 5031.

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 ——— *fronsacia*. Clarke. 4578.

- AEGOCERAS [Cephalopoda].
 ——— *adnethicum* var. *involuta* n.
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 ——— *tripolitana*. Krumbeck.
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- ALLORISMA [Pelecypoda].
 ——— *albequus*. Beede. 4469.

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 ——— *luisa*. Wilckens. 5231.

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 ——— *subbulbiformis*. Répelin.
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- AMMONITES [Cephalopoda].
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- AMONOTIS [Pelecypoda].
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- AMPULLINA [Gastropoda].
 ——— *silesiaca*. Ahlburg. 4421.

- ANATINA [Pelecypoda].
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 ——— *jamesburgensis*. Weller.
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- ANGULARIA [Gastropoda].
 ——— *gracilis*. Broili. 4521.

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 ——— *radiata*. Weller. 5214.
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- APORRHAIAS [Gastropoda].
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 ——— *boulei* n. sp. Répelin. 5031.
 ——— *elegans*. Répelin. 5031.
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 ——— *camuloensis*. Osmont. 4959.
 ——— *cureti*. Répelin. 5031.
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 ——— *carinatus*. Miller. 4907.
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 ——— *tuberculata*. Weaver. 5202.
- ARCOPAGIA [Pelecypoda].
 ——— *matheroni*. Répelin. 5031.
 ——— *namnetensis*. Cossmann. 4604.
- ARIETITES [Cephalopoda].
 ——— *altesulcatus* var. *involuta* n. var. Vadász. 5180.
 ——— *carenatus* var. *antiqua* n. var. Vadász. 5180.
 ——— *obtusus* var. *vulgaris* n. var. Vadász. 5180.
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 ——— *solitaria*. Fucini. 4691.
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 ——— *arneggensis*. Miller. 4907.
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 ——— *ornatissima*. Weller. 5214.
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 ——— *neglecta*. Ortmann. 4949.
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 ——— *swedesboroensis*. Weller. 5214.
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 ——— *ickei*. Martin & Icke. 4879.
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 ——— *gabrielii*. Répelin. 5031.
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- MARGARITA** [Pelecypoda].
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 ——— *gibberosa*. Oppenheim. 4945.
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- MEGALOMASTOMA** [Gastropoda].
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 ——— *ynezianus*. Arnold. 4455.
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 ——— *pterinaeoides*. Clarke. 4578.
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- NEOPTYCHITES** [Cephalopoda].
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 ——— *praalpina*. n. nom. Coss-
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 ——— *sucabumiana*. Martin.
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- NERITINA** [Gastropoda].
 ——— *haugi*. Répelin. 5031.
 ——— *junghuhni*. Martin & Icke.
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 ——— *solitaria*. Caneva. 4538.
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- NUCULA** [Pelecypoda].
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 ——— *billeborgensis*. Ravn. 5018.
 ——— *oblonga*. Wilckens. 5231.
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 ——— *simplex*. Fucini. 4689.
 ——— *subcancellata*. Harbort.
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 ——— *taliabutica*. Boehm. 4488.
 ——— *whitfieldi*. Weller. 5214.
- NUCULANA** [Pelecypoda].
 ——— *securis*. Clarke. 4578.
- OCINEBRA** [Gastropoda].
 ——— *micheli* var. *waldorfensis* n.
 var. Arnold. 4455.
 ——— *topangensis*. Arnold. 4455.
- ODONTOSTOMIA** [Gastropoda].
 ——— *acutiuscula* var. *secunda* n.
 var. Boettger. 4494.
 ——— *kocksi*. Boettger. 4494.
 ——— *koeneni*. Boettger. 4494.
 ——— *lineolata* var. *sublineata* n.
 var. Boettger. 4494.
 ——— *namnetensis*. Cossmann
 4604.
- OLEACINA** [Gastropoda].
 ——— *ovulina*. Miller. 4907.
- OLIVA** [Gastropoda].
 ——— *ickei*. Martin & Icke. 4879.
 ——— *pamolatanensis*. Martin &
 Icke. 4879.
 ——— *rembangensis*. Martin &
 Icke. 4879.
- OPPELIA** [Cephalopoda].
 ——— *galoi*. Boehm. 4488.
- ORTHOCERAS** [Cephalopoda].
 ——— *acus*. Reis. 5028.
 ——— *norumbegae*. Clarke. 4578.
- ORTHONEMA** [Gastropoda].
 ——— *dozierensis*. Beede. 4469.
 ——— *texana*. Beede. 4469.

- ORYCTOMYA** [Pelecypoda].
 — *splendida*. Cossmann. 4604.
- OSTREA** [Pelecypoda].
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 — *lingula*. Répelin. 5031.
 — *monmouthensis*. Weller. 5214.
 — *nikitini*. Archangelskij. 4451.
 — *praesinzowi*. Archangelskij. 4451.
 — *provincialis*. Répelin. 5031.
 — *stolleyi*. Wollemann. 5246.
 — *tardensis*. Stanton. 5132.
 — *ultima*. Wilkens. 5231.
 — *vulselloides*. Wilkens. 5231.
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 — *hautali*. Paulcke. 4975.
 — *patagonicus*. Paulcke. 4975.
 — *selbicensis*. Pervinquière. 4989.
 — *steinmanni*. Paulcke. 4975.
- PALAEONEILO** [Pelecypoda].
 — *circulus*. Clarke. 4578.
 — *folles*. Clarke. 4578.
 — *mainensis*. Clarke. 4578.
- PALUDINA** [Gastropoda].
 — *planuscula*. Miller. 4907.
- PANOPAEA** [Pelecypoda].
 — *hautali*. Wilkens. 5231.
 — *inferior*. Wilkens. 5231.
 — *pilsbryi*. Ortmann. 4949.
- PARAHOPLITES** [Cephalopoda].
 — *déchy*. Papp. 4967.
- PARAPHOLAS** [Pelecypoda].
 — *tatei*. Etheridge. 4656.
- PARAUCELLINA** [Pelecypoda].
 — *krusnopolskii*. Pavlov. 4977.
- PATELLA** [Gastropoda].
 — *magna*. Broili. 4521.
 — *radians*. Broili. 4521.
- PATULA** [Gastropoda].
 — *antiqua*. Miller. 4907.
 — *globosa*. Miller. 4907.
 — *joossii*. Miller. 4907.
- PECTEN** [Pelecypoda].
 — *argentinus*. Stanton. 5132.
 — *bagualensis*. Wilkens. 5231.
 — *behrensi*. Wollemann. 5246.
 — *bellerophonis*. Gortani. 4715.
 — *capillatus*. Fucini. 4691.
- PECTEN** [Pelecypoda].
 — *cliffwoodensis*. Weller. 5214.
 — *fibratus*. Fucini. 4691.
 — *flusoriensis*. Fucini. 4689.
 — *lima*. Fucini. 4691.
 — *lioicus*. Dall. 4619.
 — *malignus*. Wilkens. 5231.
 — *molestus*. Wilkens. 5231.
 — *octoplicatus*. Stanton. 5132.
 — *pseudocaenus*. Gortani. 4715.
 — *pueyrydonensis*. Stanton. 5132.
 — *salinchiati*. Gortani. 4715.
 — *ugolinii*. Fucini. 4691.
 — (*Pecten*) *vanlecki*. Arnold. 4455.
 — *whitfieldi*. Weller. 5214.
 — (*Chlamys* ?) *yneziana*. Arnold. 4455.
- PELTOCERAS** [Cephalopoda].
 — *interrupum*. Neumann. 4926.
 — *tjopalului*. Boehm. 4488.
 — *trigeminum*. Neumann. 4926.
- PEREIPALA** [Gastropoda].
 — *lovisati*. Sacco. 5045.
- PERISPINCTES** [Cephalopoda].
 — *achiardi*. Campana. 4536.
 — *arduinii*. Campana. 4536.
 — *bassanii*. Campana. 4536.
 — *celechovius*. Neumann. 4926.
 — *cyrilli*. Neumann. 4926.
 — *daghestanicus*. Papp. 4967.
 — *fortisii*. Campana. 4536.
 — *galoi*. Boehm. 4488.
 — *gregorioi*. Campana. 4536.
 — *gumbeli*. Campana. 4536.
 — *gyrus*. Neumann. 4926.
 — *healey* n. nom. Neumann. 4926.
 — *indonesianus*. Boehm. 4488.
 — *loézyi*. Papp. 4967.
 — *methodii*. Neumann. 4926.
 — *moluccanus*. Boehm. 4488.
 — *negrii*. Campana. 4536.
 — *ombonii*. Campana. 4536.
 — *praelotharius*. Neumann. 4926.
 — *sub-stenocyclus*. Sokolov. 5128.
 — *taliabuticus*. Boehm. 4488.
 — *ternatanus*. Boehm. 4488.
 — *uhligii*. Neumann. 4926.
 — *wartoides*. Neumann. 4926.

- PERISCOLAX [Gastropoda].
 ——— *tricarnatus*. Weaver. 5202.
- PHACOIDES [Pelecypoda].
 ——— *coislinois*. Cossmann. 4604.
 ——— *crenatulatus*. Cossmann. 4604.
 ——— *dumasi*. Cossmann. 4604.
 ——— *naviculus*. Cossmann. 4604.
 ——— *nuttallii* var. *antecedens* n. var. Arnold. 4455.
- PHOLADELLA [Pelecypoda].
 ——— *dahmeri*. Drevermann. 4647.
- PHOLADOMYA [Pelecypoda].
 ——— *pholadoides*. Wilckens. 5231.
 ——— *quinuana*. Neumann. 4927.
 ——— *roebberae*. Wollemann. 5246.
 ——— *schafarziki*. Papp. 4967.
- PHOLAS [Pelecypoda].
 ——— *pseudoustjurtensis*. Bogačev. 4496.
 ——— *scrinium*. Bogačev. 4496.
- PHRAGMOSTOMA [Gastropoda].
 ——— *diopetes*. Clarke. 4578.
- PHYLLOCEBAS [Cephalopoda].
 ——— *galoi*. Boehm. 4488.
 ——— *hungaricum*. Vadász. 5180.
 ——— *infraasiaticum*. Vadász. 5180.
 ——— *insulindae*. Boehm. 4488.
 ——— *late-umbilicatum*. Pervin-quière. 4989.
 ——— *lipoldi* var. *primitiva* n. var. Vadász. 5180.
 ——— *malayanum*. Boehm. 4488.
 ——— *monsuni*. Boehm. 4488.
 ——— *oenotrium* var. *complanata* n. var. Vadász. 5180.
 ——— *passati*. Boehm. 4488.
 ——— *sulcatum*. Vadász. 5180.
 ——— *szadeczkii*. Vadász. 5180.
 ——— *tanit*. Pervinquière. 4989.
- PINACOCERAS [Cephalopoda].
 ——— *de lorenzoi*. Martelli. 4875.
 ——— *simplex*. Martelli. 4875.
- PINNA [Pelecypoda].
 ——— *morenoi*. Wilckens. 5231.
 ——— *raricosta*. Harbort. 4747.
- PISANIA [Gastropoda].
 ——— *fortis* var. *angulata* n. var. Arnold. 4455.
- PLANAXIS [Gastropoda].
 ——— *sondeianus*. Martin. 4877.
- PLANORBIS [Gastropoda].
 ——— *lincki*. Branca. 4514.
- PLATYCEBAS [Gastropoda].
 ——— *belli*. Clarke. 4578.
 ——— *gaspense*. Clarke. 4578.
 ——— *guesnini*. Clarke. 4578.
 ——— *hebes*. Clarke. 4578.
 ——— *hospes*. Drevermann. 4647.
 ——— *leboutillieri*. Clarke. 4578.
 ——— *lejeunii*. Clarke. 4578.
 ——— *paxillifer*. Clarke. 4578.
- PLEUROMYA [Pelecypoda].
 ——— *latisulcata*. Stanton. 5132.
 ——— *merzbacheri*. Papp. 4967.
 ——— *rugosa*. Ahlburg. 4421.
- PLEURONAUTILUS [Cephalopoda].
 ——— *ambiguus* var. *spiratus* n. var. Reis. 5028.
 ——— *darini*. Caneva. 4538.
- PLEUROPHORUS [Pelecypoda].
 ——— *albequus*. Beede. 4469.
 ——— *albequus* var. *longus* n. var. Beede. 4469.
- PLEUROTOMA [Gastropoda].
 ——— *ickei*. Martin & Icke. 4879.
 ——— (*Bathytoma*) *keepi*. Arnold. 4455.
 ——— *madiunensis*. Martin & Icke. 4879.
 ——— *niasensis*. Icke & Martin. 4781.
 ——— *palabuanensis*. Martin & Icke. 4879.
 ——— *pamolatanensis*. Martin & Icke. 4879.
 ——— *pollii*. Icke & Martin. 4781.
 ——— *rembangensis*. Martin & Icke. 4879.
 ——— *sangiranensis*. Martin & Icke. 4879.
 ——— *tjemoroënsis*. Martin & Icke. 4879.
 ——— *vasconum*. Oppenheim. 4945.
- PLEUROTOMARIA [Gastropoda].
 ——— *agnostica*. Beede. 4469.
 ——— *annulata*. Sieberer. 5100.
 ——— *apta*. Sieberer. 5100.
 ——— *arnoldi*. Wollemann. 5246.
 ——— *capertoni*. Beede. 4469.
 ——— *dalmatina*. Dainelli. 4617.
 ——— *fastigata*. Sieberer. 5100.
 ——— *fungal*. Wollemann. 5246.
 ——— *jossata*. Wollemann. 5246.
 ——— *goldfussi*. Sieberer. 5100.
 ——— *grandis*. Sieberer. 5100.

PLEUROTOMARIA [Gastropoda].

- *lindhorstiensis*. Harbort. 4747.
 ——— *minuta*. Sieberer. 5100.
 ——— *nikitoukensis* var. *italica* n. var. Gortani. 5188.
 ——— *singularis*. Sieberer. 5100.
 ——— *tardensis*. Stanton. 5132.
 ——— *tenera*. Sieberer. 5100.
 ——— *timmerniana*. Wollemann. 5246.
 ——— *torulosa*. Sieberer. 5100.
 ——— *turneri*. Sieberer. 5100.
 ——— *umbilicata*. Sieberer. 5100.

PLICATULA [Pelecypoda].

- *mullicaensis*. Weller. 5214.
 ——— *woodburyensis*. Weller. 5214.

Plicatulopecten n. gen. [Pelecypoda].
Neumann. 4927.

- *böhmi*. Neumann. 4927.

POMATIAS [Gastropoda].

- *antiquus*. Miller. 4907.
 ——— *dubius*. Miller. 4907.

POSTALIA [Gastropoda].

- *de stefanii*. Dainelli. 4617.

POTAMIDES [Gastropoda].

- *cheribonensis*. Martin & Icke. 4879.

PRAECARDIUM [Pelecypoda].

- *angulatum*. Walther. 5198.

PRIENE [Gastropoda].

- *oregonensis angelensis* n. var. Arnold. 4455.

PRIONOTROPIS [Cephalopoda].

- *radenaci*. Pervinquieré. 4989.

PROBOLAEUM [Gastropoda].

- *canadense*. Clarke. 4578.

PROCERITHIUM [Gastropoda].

- *thieryi*. Cossmann. 4607.

PROMATHILDA [Gastropoda].

- *kittli*. Broili. 4521.
 ——— *parvula*. Broili. 4521.
 ——— *striata*. Broili. 4521.

PROSOCOELUS [Pelecypoda].

- *pes-anseris* var. *occidentalis* n. var. Clarke. 4578.

PROTOCOLIUM [Pelecypoda].

- *cinctulum*. Etheridge. 4656.
 ——— *jerseyensis*. Weller. 5214.

PSEPHIDIA [Pelecypoda].

- *barberensis*. Arnold. 4455.

PSEUDAMAURA [Gastropoda].

- *terrazulensis*. Etheridge. 4656.

PSEUDAVICULA [Pelecypoda].

- *africana*. Etheridge. 4656.

Pseudobrochidium n. gen. [Gastropoda].
Grupe. 4730.

- *germanicum*. Grupe. 4730.

PSEUDOCORBULA [Pelecypoda].

- *perlonga*. Grupe. 4730.

PSEUDORELIGMUS [Pelecypoda].

- *sinuatus*. Douvillé. 4645.

PSEUDOMONOTIS [Pelecypoda].

- *forojulienis*. Gortani. 4715.
 ——— *irregularis*. Gortani. 4715.

PSEUDOTISSOTIA [Cephalopoda].

- *luciac*. Pervinquieré. 4989.
 ——— *massipiana*. Pervinquieré. 4989.
 ——— *parillieri*. Pervinquieré. 4989.

PTERINEA [Pelecypoda].

- *brisa*. Clarke. 4578.
 ——— var. *brisa vexillum* n. var. Clarke. 4578.
 ——— *chapmani*. Clarke. 4578.
 ——— *edmundi*. Clarke. 4578.
 ——— *fasciculata* var. *occidentalis* n. var. Clarke. 4578.
 ——— *incurvata*. Clarke. 4578.
 ——— *intercostata*. Clarke. 4578.
 ——— *mainensis*. Clarke. 4578.
 ——— *moneris*. Clarke. 4578.
 ——— *mytiloides*. Clarke. 4578.
 ——— *occidentalis*. Whiteaves. 5222.
 ——— *radialis*. Clarke. 4578.

PTERINOPECTEN [Pelecypoda].

- *aroostooki*. Clarke. 4578.
 ——— *denysi*. Clarke. 4578.

PTERONITELLA [Pelecypoda].

- *hirundo*. Clarke. 4578.
 ——— *passer*. Clarke. 4578.
 ——— *peninsulæ*. Clarke. 4578.

PTYCHITES [Cephalopoda].

- *canavarii*. Martelli. 4875.
 ——— *di-stefanoi*. Martelli. 4875.
 ——— *princeps*. Martelli. 4875.
 ——— *subdiscoidalis*. Martelli. 4875.

Ptychogyra n. gen. [Pelecypoda].
Harbort. 4747.

- *canalifera*. Harbort. 4747.

- PTYCHOMYA [Pelecypoda].
 ——— *elegans*. Harbort. 4747.
- PTYGMATIS [Gastropoda].
 ——— *kubanensis*. Papp. 4967.
- PUGNELLUS [Gastropoda].
 ——— *hauthali*. Wilckens. 5231.
- PUNCTURELLA [Gastropoda].
 ——— *delosi*. Arnold. 4455.
- PUPA [Gastropoda].
 ——— *bythiniformis*. Miller. 4907.
- PURPURA [Gastropoda].
 ——— *edmondi*. Arnold. 4455.
 ——— *vaquerosensis*. Arnold. 4455.
- PUZOSLA [Cephalopoda].
 ——— *chirichensis*. Pervinquière. 4989.
 ——— *compacta*. Crick. 4611.
 ——— *concinna*. Crick. 4611.
 ——— *leonis*. Pervinquière. 4989.
 ——— *militis*. Pervinquière. 4989.
 ——— *pinguis*. Crick. 4611.
 ——— *planata* var. *natalensis* n. var. Crick. 4611.
 ——— *snamensis*. Pervinquière. 4989.
 ——— *subcompressa*. Crick. 4611.
 ——— *subtilis*. Crick. 4611.
 ——— *thos*. Pervinquière. 4989.
- PYRAMIDELLA [Gastropoda].
 ——— *junghuhni*. Martin & Icke. 4879.
 ——— *karangensis*. Martin. 4877.
 ——— *reticulata*. Martin. 4877.
- PYROPSIS [Gastropoda].
 ——— *gracilis*. Wilckens. 5231.
 ——— *lenolensis*. Weller. 5214.
 ——— *whitfieldi*. Weller. 5214.
- PYRULA [Gastropoda].
 ——— *pilsbryi*. Smith. 5122.
- RAPANA [Gastropoda].
 ——— *stantoni*. Weller. 5214.
- RETUSA [Gastropoda].
 ——— *scutala*. Wilckens. 5231.
- RHACOPHYLLITES [Cephalopoda].
 ——— *gigas* var. *intermedia* n. var. Ungarn. Vadász. 5180.
 ——— *ssemenowi*. Papp. 4967.
- RHYNCHOTEUTHIS [Cephalopoda].
 ——— *crassirostris*. Mary, Albert & Mary, Alex. 4880.
- RISSOINA [Gastropoda].
 ——— *bribirensis*. Dainelli. 4617.
- ROSTELLARIA [Gastropoda].
 ——— *pollii*. Icke & Martin. 4781.
- SAYNOCERAS [Cephalopoda].
 ——— *gazellæ*. Pervinquière. 4989.
- SCALA [Gastropoda].
 ——— *dolosa*. Aldrich. 4341.
 ——— *vetusta*. Aldrich. 4431.
- SCALARIA [Gastropoda].
 ——— *fallax*. Wilckens. 5231.
 ——— *ostrovitzensis*. Dainelli. 4617.
 ——— *visianii*. Dainelli. 4617.
- SCAPHITES [Cephalopoda].
 ——— *africanus*. Pervinquière. 4989.
 ——— *thomasi*. Pervinquière. 4989.
- SCHIZODUS [Pelecypoda].
 ——— *oklahomaensis*. Beede. 4469.
- SCHLOENBACHIA [Cephalopoda].
 ——— *gaudryi*. Boule, Lemoine & Thévenin. 4505.
 ——— *grosse*. Pervinquière. 4989.
 ——— *inflata* var. *angolaensis* n. var. Boule, Lemoine & Thévenin. 4505.
 ——— *laferreii*. Boule, Lemoine & Thévenin. 4505.
 ——— *schnablii*. Boule, Lemoine & Thévenin. 4505.
- SCHLÜTERIA [Cephalopoda].
 ——— *bodei*. Müller & Wollemann. 4912.
- SCINTILLA [Pelecypoda].
 ——— *goncensis*. Cossmann. 4604.
- SIGARETUS [Gastropoda].
 ——— *jennemai*. Martin. 4877.
 ——— *porrini*. Arnold. 4455.
- SILIQUA [Pelecypoda].
 ——— *aequilatera*. Harbort. 4747.
- SOLARIUM [Gastropoda].
 ——— *hedleyi*. Etheridge. 4656.
- SOLECURTUS [Pelecypoda].
 ——— *gratus*. Wilckens. 5231.
 ——— *linatus*. Stanton. 5132.
 ——— *longovatus*. Harbort. 4747.
- SOLEN [Pelecypoda].
 ——— *matheroni*. Répelin. 5031.
 ——— *stantoni*. Weaver. 5202.
- SPHAERIOLA [Pelecypoda].
 ——— *aesinense*. Fucini. 4689.

- SPHAERIUM [Gastropoda].
 ——— *risgoviense*. Branca & Fraas. 4514.
- SPHENIA [Pelecypoda].
 ——— *haudradiata*. Cossmann. 4604.
- SPHENODISCUS [Cephalopoda].
 ——— *menuthias*. Boule, Lemoine, Thévenin. 4505.
- SPHENOTUS [Pelecypoda].
 ——— *ellsii*. Clarke. 4578.
- SPIROCHRYSALES [Gastropoda].
 ——— *bellelineata*. Broili. 4521.
- SPISULA [Pelecypoda].
 ——— *catilliformis* var. *alcatrazensis* n. var. Arnold. 4455.
 ——— *sisquocensis*. Arnold. 4455.
- SPORELLA [Pelecypoda].
 ——— *namnetensis*. Cossmann. 4604.
- SPYROCERAS [Cephalopoda].
 ——— *meridionale*. Whiteaves. 5222.
- STEPHANOCERAS [Cephalopoda].
 ——— *lichtensteinii*. Papp. 4967.
- STOLICZKATA [Cephalopoda].
 ——— *grandidieri*. Boule, Lemoine Thévenin. 4505.
- STRAPAROLLUS [Gastropoda].
 ——— *exornatus*. Gortani. 4714.
 ——— *minimus*. Fucini. 4691.
 ——— *pusillus*. Fucini. 4691.
- STREPTOCHETUS [Gastropoda].
 ——— *pulveris*. Oppenheim. 4945.
- STROMBUS [Gastropoda].
 ——— *parvulus*. Krumbeck. 4823.
 ——— *sondeianus*. Martin & Icke. 4879.
- STROPHOSTYLUS [Gastropoda].
 ——— *pernianus*. Beede. 4469.
- STRUTHIOLARIA [Gastropoda].
 ——— *ameghinoides* var. *multinodosa* n. var. Ortmann. 4949.
- STRUTHIOLARIOPSIS [Gastropoda].
 ——— *tumida*. Wilckens. 5231.
- SULCACTAEON [Gastropoda].
 ——— *viadrinus*. Schmidt. 5066.
- SYCUM [Gastropoda].
 ——— *tournoueri*. Oppenheim. 4945.
- SYRNOLA [Gastropoda].
 ——— *biarrizensis*. Oppenheim. 4945.
- TANCREDIA [Pelecypoda].
 ——— *recinense*. Fucini. 4689.
- TAPES [Pelecypoda].
 ——— *curta*. Andrusov. 4445.
 ——— *meridionalis*. Répelin. 5031.
 ——— *patagonica*. Stanton. 5132.
 ——— *secundus*. Bogačev. 4496.
 ——— *subfragilis*. Répelin. 5031.
- TARAMELLICERAS [Cephalopoda].
 ——— *meschinelli*. Campana. 4536.
- TELLINA [Pelecypoda].
 ——— *coislinsensis*. Cossmann. 4604.
 ——— *exceptiuncula*. Cossmann. 4604.
 ——— *martinezensis*. Weaver. 5202.
 ——— *subcornicola*. Cossmann. 4604.
 ——— *ovalis*. Harbort. 4747.
- TENAGODES [Gastropoda].
 ——— *obtusiformis*. Martin. 4877.
- TENTACULITES [Gastropoda].
 ——— *cartieri*. Clarke. 4578.
 ——— *leclercqia*. Clarke. 4578.
- TEREREA [Gastropoda].
 ——— *butaciana*. Martin & Icke. 4879.
 ——— *dahanaënsis*. Icke & Martin. 4781.
 ——— *ejecta*. Martin & Icke. 4879.
 ——— *ickei*. Martin & Icke. 4879.
 ——— *junghuhni*. Martin & Icke. 4879.
 ——— *pamotanensis*. Martin & Icke. 4879.
 ——— *simplicissima*. Martin & Icke. 4879.
 ——— *sindangbaranensis*. Martin & Icke. 4879.
 ——— *talahabensis*. Martin & Icke. 4879.
 ——— *tjilonganensis*. Martin & Icke. 4879.
- TEREDO [Pelecypoda].
 ——— *pissaroi*. Cossmann. 4604.
- THETIS [Pelecypoda].
 ——— *schaumburgensis*. Harbort. 4747.

- Thomasites** n. gen. [Cephalopoda].
 Pervinquièrè. 4989.
 ——— *jordani*. Pervinquièrè. 4989.
 ——— *meslei*. Pervinquièrè. 4989.
 ——— *rollandi* var. *bifidata* n. var. Pervinquièrè. 4989.
 ——— var. *complanata* n. var. Pervinquièrè. 4989.
 ——— var. *globosa* n. var. Pervinquièrè. 4989.
 ——— var. *tuberculata* n. var. Pervinquièrè. 4989.
- THRACIA** [Pelecypoda].
 ——— *colloti*. Répelin. 5031.
 ——— *karquinesensis*. Weaver. 5202.
 ——— *lenticularis*. Wilckens. 5231.
- TORNATELLAEA** [Gastropoda].
 ——— *patagonica*. Stanton. 5132.
- TRACHYNERITA** [Gastropoda].
 ——— *ambigua*. Caneva. 4538.
 ——— *quadrata* var. *canaliculata* n. var. Ahlburg. 4421.
 ——— *quadrata* var. *silesiaca* n. var. Ahlburg. 4421.
- TREPOSPIRA** [Gastropoda].
 ——— *haworthi*. Beede. 4469.
- TRETOSPIRA** [Gastropoda].
 ——— *fusiformis*. Ahlburg. 4421.
- TRIGONARCA** [Pelecypoda].
 ——— *cliffwoodensis*. Weller. 5214.
- TRIGONIA** [Pelecypoda].
 ——— *beyrichi*. Krumbeck. 4823.
 ——— *cazadoriana*. Wilckens. 5231.
 ——— *ecplecta*. Wilckens. 5231.
 ——— *hauchecornei*. Schmidt. 5066.
 ——— *heterosculpta*. Stanton. 5132.
 ——— *kümmeli*. Weller. 5214.
 ——— *subventricosa*. Stanton. 5132.
- TRITON** [Gastropoda].
 ——— *lorillardensis*. Weller. 5214.
- TRITONIUM** [Gastropoda].
 ——— *albini*. Répelin. 5031.
 ——— *eocenicum*. Weaver. 5202.
 ——— *impressum*. Weaver. 5202.
 ——— *pulchrum*. Weaver. 5202.
 ——— *subgosanicum*. Répelin. 5031.
- TROCHOMORPHA** [Gastropoda].
 ——— *arneggensis*. Miller. 4907.
- TROCHONEMA** [Gastropoda].
 ——— *lescarbotti*. Clarke. 4578.
- TROCHUS** [Gastropoda].
 ——— *butacianus*. Martin. 4877.
 ——— *coelotropis*. Schmidt. 5066.
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- Plastobuprestites** n. gen. [Coleoptera].
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——— *calopteryx*. Handlirsch.
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 ———— *liasina*. Handlirsch. 4745.
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 ———— *reclus*. Sellards. 5095.
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- Prophasis** n. gen. [Coleoptera]. Handlirsch. 4745.
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 ———— *liasina*. Handlirsch. 4745.
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 ———— *acuminatum*. Sellards. 5095.
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 ———— *latum*. Sellards. 5095.
 ———— *minus*. Sellards. 5095.
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- Pseudohomothetus** n. gen. [Palaeodictyoptera]. Handlirsch. 4745.
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- Pseudoprionites** n. gen. [Coleoptera].
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——— *platyptera*. Handlirsch. 4745.
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——— *purbeccensis*. Handlirsch. 4745.
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——— *pellucidus*. Meunier. 4906.
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- Psychodites** n. gen. [Diptera]. Handlirsch. 4745.
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——— *alutacca*. Handlirsch. 4745.

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- Smodicoptera** n. gen. [Coleoptera].
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- Solenoptilon** n. gen. [Neuroptera].
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- Spaniodera** n. gen. [Protorthoptera].
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- *ambulans*. Handlirsch.
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- Sphaerodemopsis** n. gen. [Coleoptera].
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- Spiloptilus** n. gen. [Palaeodictyoptera].
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- Steleopteron** n. gen. [Odonata].
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- *deichmülleri*. Handlirsch.
4745.
- Stenelytron** n. gen. [Coleoptera].
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- Stenoneurites** n. gen. [Protoblattoidae].
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- *ciliatus*. Meunier. 4906.
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- *planus*. Sellards. 5095.
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 ——— *minuta*. Meunier. 4905.
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 ——— *rakosiensis*. Méhes. 4890.
 ——— *reticulata*. Méhes. 4890.
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 ——— *antiquus*. Harbort. 4747.
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 ——— *dollfusii*. Alessandri. 4432.
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 ——— *martoniensis*. Méhes. 4890.
 ——— *mülleri*. Méhes. 4890.
 ——— *mülleri* var. *nodosa* n. var. Méhes. 4890.

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 ——— *sieberi*. Méhes. 4890.
 ——— *sieberi* var. *nodosa* n. var. Méhes. 4890.
 ——— *soproniensis*. Méhes. 4890.
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 ——— *carubarcensis*. Neviani. 4932.
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 ——— *hieroglyphica*. Méhes. 4890.
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 ——— *parva* var. *fenestrata* n. var. Neviani. 4932.
 ——— *schwarzi*. Chapman. 4562.
 ——— *subfoveolata*. Neviani. 4932.
 ——— *sublatissima*. Neviani. 4932.
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 ——— *laevigata*. Neviani. 4932.
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 ——— *lörentheyi*. Checchia-Rispoli. 4567.
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 ——— *gussmanni*. Schütze. 5084.
 ——— *pustulosa* var. *granulosa* n. var. Schütze. 5084.
 ——— *rothi*. Schütze. 5084.
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 ——— *lovisatoi*. Lörenthey. 4857.
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 ——— *subacqualis* var. *variabilis* n. var. Méhes. 4890.
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 ——— *antarctica*. Wilckens. 5231.
 ——— *aspera*. Harbort. 4747.
 ——— *browni*. Whitfield. 5227.

- ILIOCYPRIS** [Ostracoda].
 ——— *gracilis*. M'hes. 4890.
- LEPAS** [Cirripedia].
 ——— *saccoi*. Alessandri. 4433.
- MAJA** [Decapoda].
 ——— *miocaenica*. Lörenthey. 4857.
- MEYERIA** [Decapoda].
 ——— *rapax*. Harbort. 4747.
- Microcorystes** n. gen. [Decapoda].
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 ——— *latifrons*. Lörenthey. 4857.
- PAGURUS** [Decapoda].
 ——— *mediterraneus*. Lörenthey. 4857.
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 ——— *sequenziana*. Neviani. 4932.
- SCALPELLUM** [Cirripedia].
 ——— *laronae*. Alessandri. 4433.
 ——— *formae*. Alessandri. 4433.
 ——— *michelothianum* var. *gassinensis* n. var. Alessandri. 4433.
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 ——— *subquadratus*. Weller. 5215.
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 ——— *gruveli*. Alessandri. 4433.
 ——— *miocrebicosta*. Alessandri. 4433.
- XANTHUS** [Decapoda].
 ——— *lovisatoi*. Lörenthey. 4857.
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 ——— *törnquisti*. Olin. 4943.
 ——— *vanhornei*. Weller. 5213.
- AGNOSTUS** [Trilobita].
 ——— *cingulatus*. Olin. 4943.
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 ——— *chinensis*. Weller. 5207.
 ——— *globifrons*. Olin. 4943.
 ——— *knyrkoi*. Schmidt. 5065.
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 ——— *chicagoensis*. Weller. 5213.
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 ——— *suecica*. Olin. 4943.
- ASAPHUS** [Trilobita].
 ——— *asiaticus*. Weller. 5207.
 ——— *blackwelderi*. Weller. 5207.
 ——— *chinensis*. Weller. 5207.
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 ——— *barrandii* var. *majus* n. var. Clarke. 4578.
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 ——— *laevigata*. Schmidt. 5065.
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 ——— *robinia*. Clarke. 4578.
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 ——— *hydei*. Weller. 5213.
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 ——— *gasepiou*. Clarke. 4578.
- CRYPHAEUS** [Trilobita].
 ——— *atavus*. Schmidt. 5072.
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 ——— *panderi*. Schmidt. 5065.
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 ——— *intermedia*. Weller. 5213.
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 ——— *perceensis*. Clarke. 4578.
 ——— *platycaudatus*. Weller. 5213.
 ——— *ploratus*. Clarke. 4578.
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 ——— *whiteavesi*. Clarke. 4578.
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 ——— *americanus*. Weller. 5213.
- DICELLOCEPHALUS** [Trilobita].
 ——— *leptenarum*. Wiman. 5240.
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 ——— *nasuta*. Weller. 5213.
 ——— *telleri*. Weller. 5213.
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 ——— *cornuta*. Olin. 4943.
 ——— *pulchra*. Olin. 4943.
 ——— *spinulosa*. Olin. 4943.
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 ——— *tuberculifrons*. Weller. 5213.
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 ——— *cicerops*. Clarke. 4579.
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 ——— *telleri*. Weller. 5213.

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 ——— *shawangunk*. Clark. 4579.
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 ——— *triloba*. Weller. 5213.
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 ——— *bronteoides*. Weller. 5207.
 ——— *chicagoensis*. Weller. 5213.
 ——— *harrisi*. Weller. 5213.
 ——— *longifrons*. Olin. 4943.
 ——— *transversalis*. Weller. 5213.
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 ——— *bellanicus*. Clarke. 4578.
 ——— *forillonina*. Clarke. 4578.
 ——— *platyrhinus*. Schmidt. 5065.
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 ——— *nathorsti*. Jackson. 4783.
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 ——— *acuticauda*. Schmidt. 5065.
 ——— *gibba*. Schmidt. 5065.
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 ——— *lawrowi*. Schmidt. 5065.
 ——— *minor*. Weller. 5207.
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 ——— *ferrisi*. Weller. 5213.
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 ——— *volborthi*. Schmidt. 5065.
- ODONTOPLEURA [Trilobita].
 ——— *illinoiensis*. Weller. 5213.
 ——— *ecclesiastica*. Olin. 4943.
 ——— *sandbyensis*. Olin. 4943.
 ——— *handwerki*. Weller. 5213.
 ——— *logani* var. *gaspensis* n. var.
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 ——— *nylanderi*. Clarke. 4578.
- PHILLIPSIA [Trilobita].
 ——— *pulchella* var. *alpino* n. var.
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 ——— *linnarssoni*. Wiman. 5241.
- PROETUS [Trilobita].
 ——— *channahonensis*. Weller.
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 ——— *handwerki*. Weller. 5213.
 ——— *scanicus*. Olin. 4943.
 ——— *wehrmanni*. Schmidt. 5065.
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 ——— *ravni*. Olin. 4943.
- PTERYGOTUS [Eurypterida].
 ——— *otisius*. Clarke. 4579.
- REMOPLERIDES [Trilobita].
 ——— *latus*. Olin. 4943.
- STAUROCEPHALUS [Trilobita].
 ——— *obsoleta*. Weller. 5213.
- SYMPHYSURUS [Trilobita].
 ——— *superstes*. Olin. 4943.
- TRIMEROCEPHALUS [Trilobita].
 ——— *cyclophthalmus*. Walther.
 5198.
- TRINUCLEUS [Trilobita].
 ——— *elliptifrons*. Olin. 4943.
- 3031 ARACHNIDA.
- LEPTOBUNUS [Phalangida].
 ——— *atavus*. Cockerell. 4586.
- 3431 MYRIOPODA.
- IULUS [Diplopoda].
 ——— *florissantellus*. Cockerell.
 4586.
- 5431 PISCES.
- ACRODUS [Selachii].
 ——— *wemphiae*. Jordan. 4795.
- ASTEROLEPIS [Antiarchi].
 ——— *clarkeri*. Eastman. 4650.
- CARCHARIAS [Selachii].
 ——— *blayaei*. Joleaud. 4793.
 ——— *ficheuri*. Joleaud. 4793.
 ——— *miquii*. Joleaud. 4793.
 ——— *perviquieri*. Joleaud. 4793.
- CARCHARODON [Selachii].
 ——— *arnoldi*. Jordan. 4795.
 ——— *branneri*. Jordan. 4795.
 ——— *riversi*. Jordan. 4795.
- CHARAX [Acanthopterygii].
 ——— *haugi*. Joleaud. 4793.
- CHASMISTES [Ostariophysi].
 ——— *oregonus*. Jordan. 4795.
- CHRYSOPHRYS [Acanthopterygii].
 ——— *deydieri*. Joleaud. 4793.
- CLADODUS [Ichthyotomi].
 ——— *prototypus*. Eastman. 4650.
- COLOBODUS [Acanthopterygii].
 ——— *chorzowiensis*. Ahlburg.
 4421.
- DELTODUS [Selachii].
 ——— *attenuatus*. Branson. 4517.
- DENTEX [Acanthopterygii].
 ——— *chablii*. Joleaud. 4793.

- DINICHTHYS [Arthrodira].
 ——— *dolichocephalus*. Eastman. 4650.
- Eobrycon n. gen. [Ostariophysi]. Jordan, 4795.
- Etringus n. gen. [Malacopterygii]. Jordan. 4795.
 ——— *scintillans*. Jordan. 4795.
- EUCNATHUS [Acanthopterygii].
 ——— *vetteri*. Heineke. 4757.
- GASTEROSTEUS [Cateostomi].
 ——— *williamsoni* subsp. *leptosomus* n. subsp. Hay. 4753.
- GLYPTASPIS [Arthrodira].
 ——— *abbreviata*. Eastman. 4650.
- HEMIPRISTIS [Selachii].
 ——— *chiconis*. Jordan. 4795.
- HEPTRANCHIAS [Selachii].
 ——— *andersoni*. Jordan. 4795.
- ISURUS [Selachii].
 ——— *smithii*. Jordan. 4795.
- Knightia n. gen. [Malacopterygii]. Jordan. 4795.
 ——— *eocaena* n. nom. Jordan. 4795.
- Lissoprion n. gen. [Selachii]. Hay. 4756.
 ——— *ferrieri*. Hay. 4756.
- MACHAERACANTHUS [Ichthyodorulites].
 ——— *longaevus*. Eastman. 4650.
- MACROPETALICHTHYS [Antiarcha].
 ——— *palmensis*. Hennig. 4762.
- Merriamella n. gen. [Percesoces]. Jordan. 4795.
 ——— *doryssa*. Jordan. 4795.
- MESODON [Acanthopterygii].
 ——— *spinusum*. Hennig. 4761.
- MYLOSTOMA [Arthrodira].
 ——— *newberryi*. Eastman. 4651.
- ODONTASPIS [Selachii].
 ——— *ferox* var. *bartesagoi* n. var. Joleaud. 4793.
- OTOLITHUS [Acanthopterygii].
 ——— (Berycidarum) *sulcatus*. Bassoli. 4465.
 ——— *tuberculatus*. Bassoli. 4465.
 ——— (Carangidarum) *inflatus*. Bassoli. 4465.
 ——— (Cepola) *prerubescens*. Bassoli. 4465.
 ——— (Chrysophris) *doderleini*. Bassoli et Schubert. 4465.
- OTOLITHUS [Acanthopterygii].
 ——— (Dentex) *speronatus*. Bassoli. 4465.
 ——— (Hoplosthetus) *orbicularis*. Bassoli. 4465.
 ——— *perforatus*. Bassoli. 4465.
 ——— *orbicularis* var. *biexcisa* n. var. Bassoli. 4465.
 ——— (Labrax) *lucidus*. Bassoli. 4465.
 ——— (Percidarum) *arcuatus*. Bassoli et Schubert. 4465.
 ——— (Peristedion) *clarus*. Bassoli. 4465.
 ——— (Sparidarum) *fragilis*. Bassoli. 4465.
 ——— *mutinensis*. Bassoli. 4465.
 ——— (Trachinus) *miocenicus*. Bassoli et Schubert. 4465.
 ——— (Triga) *mirabilis*. Bassoli. 4465.
 ——— (Sophicus) *unicus*. Bassoli. 4465.
- OTOLITHUS [Anacanthini Gadiformes].
 ——— (Macrurus) *arthaberoides*. Bassoli. 4465.
 ——— *contortus*. Bassoli. 4465.
 ——— *maximus*. Bassoli. 4465.
 ——— *novus*. Bassoli. 4465.
 ——— *ornatus*. Bassoli. 4465.
 ——— *ornatus* var. *apicata* n. var. Bassoli. 4465.
 ——— *toulai* var. *cristata* n. var. Bassoli. 4465.
 ——— (Merlucius) *praeesulentus*. Bassoli et Schubert. 4465.
 ——— (Ophidium) *appendiculatus*. Bassoli. 4465.
 ——— *magnus*. Bassoli. 4465.
 ——— *pantanelii*. Bassoli et Schubert. 4465.
 ——— *parvulus*. Bassoli. 4465.
 ——— *pulcher*. Bassoli. 4465.
 ——— *saxolensis*. Bassoli. 4465.
 ——— (Ophidiidarum) *gibbus*. Bassoli. 4465.
 ——— (Phycis) *elegans* var. *planata* n. var. Bassoli et Schubert. 4465.
 ——— (Platessa) *lobatus*. Bassoli. 4465.
 ——— (Citharus) *schuberti*. Bassoli. 4465.
 ——— (Solea) *kokeni*. Bassoli et Schubert. 4465.
 ——— *patens*. Bassoli et Schubert. 4465.

- OTOLITHUS** [Anacanthini Gadiformes].
 ——— (Hemiramphus) *italicus*.
 Bassoli. 4465.
- Palaeochromis** n. gen. [Acanthopterygii].
 ——— *Sauvage*. 5056.
 ——— *daresti*. Sauvage. 5056.
 ——— *rousseleti*. Sauvage. 5056.
- Parapygaeus** n. gen. [Acanthopterygii].
 ——— Pellegrin. 4984.
 ——— *polyacanthus*. Pellegrin.
 4984.
- Pholidosteus** n. gen. [Arthrodira]. Jaekel. 4786.
 ——— *friedelii*. Jaekel. 4786.
- PROTITANICHTHYS** [Arthrodira].
 ——— *fossatus*. Eastman. 4650.
- PSEPHODUS** [Selachii].
 ——— *acutus*. Branson. 4517.
 ——— *carbonarius*. Branson. 4517.
 ——— *legrandensis*. Branson. 4517.
- PTYCTODUS** [Chimaeroidei].
 ——— *punctatus*. Eastman. 4650.
- RAJA** [Selachii].
 ——— *gentili*. Joleaud. 4793.
- RHYNCHOEATUS** [Selachii].
 ——— *mayeri*. Joleaud. 4793.
- Rogenio** n. gen. [Percesoces]. Jordan. 4795.
 ——— *bowersi*. Jordan. 4795.
 ——— *solitudinis*. Jordan. 4795.
- SANDALODUS** [Selachii].
 ——— *emarginatus*. Branson.
 4517.
 ——— *latidens*. Branson. 4517.
 ——— *porcatus*. Branson. 4517.
- Xynesthes** n. gen. [Malacopterygii].
 ——— Jordan. 4795.
 ——— *velox*. Jordan. 4795.
- ZEBRASOMA** [Acanthopterygii].
 ——— *deani*. Hussakof. 4780.
- 5631 REPTILIA AND**
BATRACHIA.
- AETOSAURUS** [Crocodilia].
 ——— *crassicauda*. Fraas. 4679.
- ALLIGATOR** [Crocodilia].
 ——— *gaudryi*. Stefano. 5134.
- ALLIGATORIUM** [Crocodilia].
 ——— *franconicum*. Ammon.
 4440.
- Anachisma** n. gen. [Stegocephalia].
 ——— Branson. 4518.
 ——— *brachygnatha*. Branson.
 4518.
 ——— *browni*. Branson. 4518.
- ASPIDERETES** [Chelonia].
 ——— *singularis*. Hay. 4752.
- BAËNA** [Chelonia].
 ——— *pulchra*. Lambe. 4828.
- BAPTANODON** [Ichthyosauria].
 ——— *reedi*. Gilmore. 4707.
- Boremys** n. gen. [Chelonia]. Lambe. 4829.
 ——— *pulchra*. Lambe. 4829.
- DICYNODON** [Anomodontia].
 ——— *ingens*. Broom. 4527.
- DIMETRODON** [Rhynchocephalia].
 ——— *gigantohomogenes*. Case.
 4554.
 ——— *longiramus*. Case. 4554.
 ——— *navajovicus*. Case. 4554.
 ——— *platycentrus*. Case. 4554.
- ELEPHIS** [Ophidia].
 ——— *boulei*. Stefano. 5134.
- Elcibrosaurus** n. gen. [Rhynchocephalia]. Case. 4554.
 ——— *baldwini*. Case. 4554.
- ICHTHYOSAURUS** [Ichthyosauria].
 ——— *platydactylus*. Broili. 4522.
- LYSTROSAURUS** [Anomodontia].
 ——— *andersoni*. Broom. 4528.
- MACROCHELYS** [Chelonia].
 ——— *floridana*. Hay. 4752.
- OCADIA** [Chelonia].
 ——— *bassanii*. Stefano (De).
 5135.
- PALERYX** [Ophidia].
 ——— *cayluxi*. Stefano. 5134.
- PLASTOMENUS** [Chelonia].
 ——— *acupictus*. Hay. 4752.
- PLATYPELTIS** [Chelonia].
 ——— *annicola*. Hay. 4752.
 ——— *antiqua*. Hay. 4752.
 ——— *trepida*. Hay. 4752.
- Poliosaurus** n. gen. [Rhynchocephalia].
 ——— Case. 4554.
- RHAMPHORHYNCHUS** [Pterosauria].
 ——— *kokeni*. Plieninger. 4999.
- SCYMNOSAURUS** [Anomodontia].
 ——— *warreni*. Broom. 4527.
- TELEIDOSAURUS** [Crocodilia].
 ——— *gaudryi*. Collot. 4595.

- TERRAPENE [Chelonia].
 ——— *canaliculata*. Hay. 4752.
- TESTUDO [Chelonia].
 ——— *exornata*. Lambe. 4828.
- Thalattosaurus** n. gen. [Diaptosauria].
 Merriam. 4897.
 ——— *alexandrae*. Merriam. 4897.
- THECODONTOSAURUS [Dinosauria].
 ——— *clisae*. Sauvage. 5059.
- THEROPLEURA [Rhynchocephalia].
 ——— *grandis*. Case. 4554.
- Tomicosaurus** n. gen. [Rhynchocephalia]. Case. 4554.
- 6031 MAMMALIA.**
- ACAREMYS [Rodentia].
 ——— *major*. Scott. 5089.
- BISON [Artiodactyla].
 ——— *kansensis*. McClung. 4868.
- BLASTOMERYX [Artiodactyla].
 ——— *advena*. Matthew. 4887.
- BUBALUS [Artiodactyla].
 ——— *andersoni*. Scott. 5091.
- CYNODESMUS [Carnivora].
 ——— *minor*. Matthew. 4887.
 ——— *thomsoni*. Matthew. 4887.
- Desmathyus** n. gen. [Artiodactyla].
 Matthew. 4887.
 ——— *pinensis*. Matthew. 4887.
- Desmatophoca** n. gen. [Carnivora].
 Condon. 4597.
 ——— *oregonensis*. Condon. 4597.
- ELEPHAS [Proboscidea].
 ——— *zulu*. Scott. 5091.
- ENHYDROCYON [Carnivora].
 ——— *crassidens*. Matthew. 4887.
- ENTOPTYCHUS [Rodentia].
 ——— *curtus*. Matthew. 4887.
 ——— *formosus*. Matthew. 4887.
- EOCARDIA [Rodentia].
 ——— *petersoni*. Scott. 5089.
- Epigaulus** n. gen. [Rodentia].
 Gidley. 4704.
 ——— *hatcheri*. Gidley. 4704.
- Euceratherium** n. gen. [Artiodactyla].
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 ——— *collinum* Furlong & Sinclair. Sinclair. 5119.
- EUCINEPELTUS [Edentata].
 ——— *crassus*. Scott. 5089.
- EUCROTAPHUS [Artiodactyla].
 ——— *dickinsonensis*. Douglass. 4642.
 ——— *montanus*. Douglass. 4642.
- EUHAPSIS [Rodentia].
 ——— *gaulodon*. Matthew. 4887.
- FELIS [Carnivora].
 ——— *fasciatus* subsp. n. *parvus*.
 Bovard. 4509.
 ——— *lunensis*. Martelli. 4873.
- HAPALOPS [Edentata].
 ——— *longiceps*. Scott. 5089.
 ——— *platycephalus*. Scott. 5089.
 ——— *ponderosus*. Scott. 5089.
 ——— *vulpiceps*. Scott. 5089.
- HIPPOPOTAMUS [Artiodactyla].
 ——— *amphibius* var. *robustus* n.
 var. Fraas. 4677.
 ——— *ponderosus*. Scott. 5091.
- HYPERTRAGULUS [Artiodactyla].
 ——— *ordinatus*. Matthew. 4887.
- HYPHOIPPUS [Perissodactyla].
 ——— *osborni*. Gidley. 4705.
- LEPUS [Rodentia].
 ——— *macrocephalus*. Matthew. 4887.
 ——— *primigenius*. Matthew. 4887.
- MEGACEROPS [Perissodactyla].
 ——— *tyleri*. Lull. 4865.
- Megalictis** n. gen. [Carnivora].
 Matthew. 4887.
 ——— *ferox*. Matthew. 4887.
- Megalonychotherium** n. gen. [Edentata].
 Scott. 5089.
 ——— *atavus*. Scott. 5089.
- MERYCHIPPUS [Perissodactyla].
 ——— *campestris*. Gidley. 4705.
- Merycoides** n. gen. [Artiodactyla].
 Douglass. 4642.
 ——— *cursor*. Douglass. 4642.
- MESOCETUS [Cetacea].
 ——— *hungaricus*. Kadić. 4797.
- MESOCYON [Carnivora].
 ——— *robustus*. Matthew. 4887.
- MESOREODON [Artiodactyla].
 ——— *latidens*. Douglass. 4642.
 ——— *longiceps*. Douglass. 4640.
- METOPOTOXUS [Edentata].
 ——— *anceps*. Scott. 5089.
- NIMRAVUS [Carnivora].
 ——— *sectator*. Matthew. 4887.

- NOTHOCYON** [Carnivora].
 ——— *gregorii*. Matthew. 4887.
 ——— *vulpinus*. Matthew. 4887.
- OLIGOBUNIS** [Carnivora].
 ——— *lepidus*. Matthew. 4887.
- OPSI CEROS** [Perissodactyla].
 ——— *simplicidens*. Scott. 5091.
- PARAHIPPUS** [Perissodactyla].
 ——— *coloradensis*. Gidley. 4705.
 ——— *pawniensis*. Gidley. 4705.
- PARAMYS** [Rodentia].
 ——— *ateateri*. Loomis. 4861.
 ——— *bicuspis*. Loomis. 4861.
 ——— *copci*. Loomis. 4861.
 ——— *excavatus*. Loomis. 4861.
 ——— *major*. Loomis. 4861.
 ——— *primaevus*. Loomis. 4861.
 ——— *quadratus*. Loomis. 4861.
- Pareutatus** n. gen. [Edentata]. Scott. 5089.
- PERIMYS** [Rodentia].
 ——— *ameghinoi*. Scott. 5089.
- PLANOPS** [Edentata].
 ——— *magnus*. Scott. 5089.
- Pontolis** n. nom. [Carnivora]. True. 5171.
- PROEUTATUS** [Edentata].
 ——— *robustus*. Scott. 5089.
- PROLAGOSTOMUS** [Rodentia].
 ——— *obliquidens*. Scott. 5089.
- PROMERYCOCHOERUS** [Artiodactyla].
 ——— *grandis*. Douglass. 4642.
 ——— *hatcheri*. Douglass. 4642.
 ——— *hollandi*. Douglass. 4642.
- Pronomotherium** n. gen. [Artiodactyla]. Douglass. 4641.
- PROPUTORIUS** [Carnivora].
 ——— *nestii*. Martelli. 4873.
 ——— *olivolanus*. Martelli. 4873.
- Protohippinae** n. nom. [Perissodactyla]. Gidley. 4705.
- SCHISTOMYS** [Rodentia].
 ——— *rollinsii*. Scott. 5089.
- SCIAMYS** [Rodentia].
 ——— *lutidens*. Scott. 5089.
 ——— *rostratus*. Scott. 5089.
- SCIURAVUS** [Rodentia].
 ——— *depressus*. Loomis. 4861.
- SMILODON** [Carnivora].
 ——— *californicus*. Bovard. 4509.
- STEIROMYS** [Rodentia].
 ——— *intermedius*. Scott. 5089.
- STENEOFIBER** [Rodentia].
 ——— *brachycephs*. Matthew. 4887.
 ——— *sciuroides*. Matthew. 4887.
 ——— *simplicidens*. Matthew. 4887.
- Symbos** n. nom. [Artiodactyla]. Osgood. 4957.
- TAPIRUS** [Perissodactyla].
 ——— *crstellatus*. Winge. 5243.
- TICHOLEPTUS** [Artiodactyla].
 ——— *bannackensis*. Douglass. 4642.
 ——— *brachymelis*. Douglass. 4640.
 ——— *breviceps*. Douglass. 4642.
- TRICHECHUS** [Carnivora].
 ——— *antverpiensis*. Rutten. 5041.

PALAEOBOTANY.

A STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

des südlichen Gross-Namalandes und der Kalahari. I. Diatomeen. [In: L. Schultze, Aus Namaland . . .] Jena, 1907, (706-708).

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df France.

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f AFRICA.

fg South Africa.

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Taf. 2: Verlandungsvegetation. Taf.
3: Moorlandschaft der Steinkohlenzeit.
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[1907].

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dc German Empire.

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dh Italy.

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85.7900 PLANTAE INCERTAE SEDIS.

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90.5000 PALAEOBOTANICA GENERALIS.

d EUROPE.

dc German Empire.

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90.5400 DICOTYLEDONES.

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95 PLEISTOCENE AND RECENT.

95.5000 PALAEOBOTANICA GENERALIS.

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Weber, C. A. *Euryale europaea* nov. sp. foss. Berlin, Ber. D. bot. Ges., **25**, 1907, (150-157, mit 1 Taf.).

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95.6000 MONOCOTYLEDONS.

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95.7300 CHARACEAE.

d EUROPE.*de* German Empire.

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95.7900 PLANTAE INCERTAE SEDIS.

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B. BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONES.

5400.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

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5400.39 GENERAL.

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5400.60 MESOZOIC (GENERAL).

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Aristolochiaephyllum? *cellulare* n. sp. Ward, L. F. *l.c.*

[*Celastrophyllum* nn. spp.] Ward, L. F. *l.c.*

Colutea obovata n. sp. Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 33, 1906, (163-182, with 3 pl.).

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Paliurus populiferus n. sp. Berry, E. W. *l.c.*

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Quercophyllum chinkapinense n. sp. Ward, L. F. *l.c.*

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(GENERAL.)

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- Aralia newberryi* n. sp. **Berry**, E. W. l.c.
- Betulites? hatcheri* n. sp. **Knowlton**, F. H. Washington, D.C. Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (138-144).
- Castalia stantoni* n. sp. **Knowlton**, F. H. l.c. (146-148).
- Ceanothus constrictus* n. sp. **Hollick**, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Cinnamomum crassipetiolatum* n. sp. *C. membranaceum* (Lesquereux) n. comb. **Hollick**, A. l.c.
- Coccolites* nn. spp. **Hollick**, A. l.c.
- Cocculus minutus* n. sp. Long I. **Hollick**, A. New York, N.Y., Bull. Bot. Gard., **3**, 1904, (405-407).
- Crataegus monmouthensis* n. sp. **Berry**, E. W. Baltimore, Md., Johns Hopkins Univ. Cir., **1907**, No. 7, (87-89).
- Dalbergia* nn. spp. **Hollick**, A. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Diospyros judithae* n. sp. **Knowlton**, F. H. Washington, D.C., Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (146-148).
- Elaeodendron strictum* n. sp. **Hollick**, A. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Eucalyptus linearifolia* n. nom. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **34**, 1907, (199-204).
- *schubleri* (Heer) ? n. comb.
- elatifolia* n. sp. **Hollick**, A. Washington D.C., Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Ficus*. **Cockerell**, T. D. A. Boulder. Univ. Colo. Stud., **4**, 1907, (152-153).
- *sapindifolia* n. sp. Long I. **Hollick**, A. New York, N.Y., Bull. Bot. Gard., **3**, 1904, (409-415).
- Gutteria cretacea* n. sp. **Hollick**, A. Washington, D.C., Dept., Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Gyminda primordialis* n. sp. **Hollick**, A. l.c.
- Hedera simplex* n. sp. **Hollick**, A. l.c.
- Juglans elongata* n. sp. **Hollick**, A. l.c.
- Laurophyllum* nn. spp. **Hollick**, A. l.c.
- Liriodendron attenuatum* n. sp. **Hollick**, A. l.c.
- *dubium* n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **34**, 1907, (191-197).
- Liriodendropsis retusa* (Heer) n. comb. *L. spectabilis* n. sp. **Hollick**, A. Washington, Dept. Int. U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Magnolia newberryi* n. nom. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **34**, 1907, (191-197).
- Menispermites californicus* n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).
- Myrica elegans* n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **34**, 1907, (191-197).
- Nectandra imperfecta* n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
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- Ocotea nassauensis* n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- Persea valida* n. sp. **Hollick**, A. l.c.
- Periploca cretacea* n. sp. **Hollick**, A. l.c.
- Phaseolites elegans* n. sp. **Hollick**, A. l.c.
- *manhassetensis* n. sp. Lon. I. **Hollick**, A. New York, Bull. Bot. Gard., **3**, 1904, (409-415).
- Planera betuloides* n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).
- *cretacea* n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **34**, 1907, (191-197).

Populites amplus n. sp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905, (138-144).

Populus cretacea n. sp. **Knowlton**, F. H. l.c.

———— *ricei* n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Proteaephyllum californicum n. sp. **Fontaine**, W. M. l.c.

Pterospermites nn. spp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., 34, 1907, (199-204).

Quercus nn. spp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905.

———— *pratti* n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., 34, 1907, (191-197).

Saliciphyllum nn. spp. **Fontaine**, W. M. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr. 48, Part 1, 1905, (1-616).

Sapindopsis oregonensis n. sp. **Fontaine**, W. M. l.c.

Sapindus imperfectus n. sp. **Long** I. **Hollick**, A. New York, Bull. Bot. Gard., 3, 1904, (412-413).

———— *inexpectans* n. sp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905, (138-144).

Sassafras angustilobum n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 50, 1906, (1-219, with pl.).

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Zizyphus cliffwoodensis n. sp. **Berry**, E. W. Baltimore, Md., Johns Hopkins Univ. Cir., No. 7, 1907, (87-89).

———— *oblongus* n. sp. **Hollick**, A. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., 50, 1906, (1-219, with pl.).

5400.80 CAENOZOIC (TERTIARY) (GENERAL).

Phenanthera n. gen., *P. petalifera* n. sp. **Hollick**, A. Torrey, 7, 1907, (182-184, with text fig.).

5400.85 LOWER CAENOZOIC EOCENE, OLIGOCENE.

Amelanchier scudderi n. sp. Colorado. **Cockerell**, T. D. A. New York, Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

Armeria nuda n. sp. Sézanne **Viguier**, R. Paris, C. R. Acad. sci., 145, 1907, (605).

Carduus florissantensis n. sp. Colorado. **Cockerell**, T. D. A. New York, N.Y., Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

Carpinus. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

Caucalis platyacantha n. sp. Sézanne, **Viguier**, R. Paris, C. R. Acad. sci., 145, 1907, (605).

Crataegus lesquereuxi n. nom. **Cockerell**, T. D. A. New York, Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

Evonymus haugii n. sp. Sézanne. **Viguier**, R. Paris, C. R. Acad. sci., 145, 1907, (605).

Fagus. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

Fraxinus vicetinus n. sp. Chiavon. **Zanoli**, V. Padova, Atti Mem. Acc. sc., 21, 1905, (261-262).

Ilex leonis n. nom. **Cockerell**, T. D. A. New York, Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

Iuglans. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

Malvastrum (?) *exhumatum* n. sp. Colorado. **Cockerell**, T. D. A. New York, Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

Myrica hendersoni n. sp. Colorado. **Cockerell**, T. D. A. l.c.

Planera. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

Populus. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

———— *scudderi* n. sp. nn. nom. **Cockerell**, T. D. A. New York, N.Y.,

Bull. Torrey Bot. Cl., **33**, 1906, (307-312, with text fig.).

Quercus ramaleyi n. sp. Colorado.

Cockerell, T. D. A. *l.c.*

Rhamnus kirchneri n. nom. Cockerell, T. D. A. *l.c.*

Salix ramaleyi n. sp. Colorado. Cockerell, T. D. A. *l.c.*

Rhopala vicentina n. sp. Chiavon. Zanolli, V. Padova, Atti Mem. Acc. Sc., **21**, 1905, (261-262).

5400.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Acer. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (17).

Alnus viridis. Reid, C. and Reid, E. M. *t.c.* (21).

Ampelopsis denticulata n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., **46**, 1906.

Aquilegia vulgaris. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (15).

Atriplex patula. Reid, C. and Reid, E. M. *t.c.* (20).

Calaminthia. Reid, C. and Reid, E. M. *t.c.* (19).

Campanula (?) Reid, C. and Reid, E. M. *t.c.* (18).

Carduus. Reid, C. and Reid, E. M. *t.c.* (18).

Carpinus. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (243-269).

——— *betulus*. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (21).

Cassia. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (243-269).

Ceratophyllum demersum. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (21).

Chenopodium. Reid, C. and Reid, E. M. *t.c.* (20).

Cicuta virosa. Reid, C. and Reid, E. M. *t.c.* (18).

(κ-1769)

Cinnamomum. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (243-269).

Cotoneaster göpperti n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., **46**, 1906.

Crataegus prunoidea n. sp. Menzel, P. *l.c.*

Elaeocarpus globulus n. sp. Menzel, P. *l.c.*

Euryale europaea n. sp. Tegelen. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (15).

Evonymus victoricae n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., **46**, 1906.

Ficus. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., **43**, 1905, (243-269).

Herniaria. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (20).

Hypericum. Reid, C. and Reid, E. M. *t.c.* (16-17).

Ilex lusatica n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., **46**, 1906.

Juglansoxylon zuriense n. sp. Falgui, G. Piante fossili della Sardegna. Cagliari, 1906, (1-26, con 1 tav. fotogr.).

Laserpitium siler (?). Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., **13**, No. 6, 1907, (18).

Lychnis flos-cuculi. Reid, C. and Reid, E. M. *t.c.* (16).

Lycopus europaeus. Reid, F. and Reid, E. M. *t.c.* (19).

Magnolia. Reid, C. and Reid, E. M. *t.c.* (15).

Melissa officinalis. Reid, C. and Reid, E. M. *t.c.* (19).

Mentha. Reid, C. and Reid, E. M. *t.c.* (19).

Myriophyllum verticillatum. Reid, C. and Reid, E. M. *t.c.* (18).

Origanum vulgare. Reid, C. and Reid, E. M. *t.c.* (19).

Petroselinum segetum. Reid, C. and Reid, E. M. *t.c.* (18).

Polygonum. Reid, C. and Reid, E. M. *t.c.* (20).

Potentilla argentea. Reid, C. and Reid, E. M. *t.c.* (17).

Prunus nn. spp. Menzel, P. Berlin, Abh. geol. Landesanst., 46, 1906.

———— *padus*. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (17).

Pterocarya caucasica. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (21).

Ranunculus. Reid, C. and Reid, E. M. *t.c.* (15).

Rhus salicifolia n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., 46, 1906.

Rumex. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (20).

Salix. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (243-269).

———— *purpurea* var. *antiqua* n. var. Falqui, G. Piante fossili della Sardegna. Cagliari, 1906, (1-26, con 1 tav. fotogr.).

Sorbus alnoidea n. sp. Menzel, P. Berlin, Abh. geol. Landesanst., 46, 1906.

Spiraea crataegifolia n. sp. Menzel, P. *l.c.*

Stachys. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (19).

Teucrium. Reid, C. and Reid, E. M. *t.c.* (19).

Thalictrum bauhini. Reid, C. and Reid, E. *t.c.* (15).

Thymus serpyllum. Reid, C. and Reid, E. M. *t.c.* (19).

Trapa natans. Reid, C. and Reid, E. M. *t.c.* (18).

Ulmoxylon lovisatoi n. sp. Falqui, G. Piante fossili della Sardegna. Cagliari 1906, (1-26, con 1 tav. fotogr.).

Ulmus. Palibin, I. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (243-269).

Urtica. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (20-21).

Verbena officinalis. Reid, C. and Reid, E. M. *t.c.* (18).

Veronica chamaedrys. Reid, C. and Reid, E. M. *t.c.* (18).

Viola. Reid, C. and Reid, E. M. *t.c.* (16).

Vitis vinifera. Reid, C. and Reid, E. M. *t.c.* (17).

5400.95 PLEISTOCENE AND RECENT.

Acer torontoniensis n. sp. Canada. Penhallow, D. P. Amer. Nat., 41, 1907, (444-446).

Betula pseudo-fontinalis n. sp. North Carolina. Berry, E. W. J. Geol., 15, 1907, (341-345).

Crataegus nn. spp. North Carolina. Berry, E. W. *l.c.*

Dendrium pleistocenicum n. sp. North Carolina. Berry, E. W. *t.c.* (346).

Euryale europaea n. sp. Weber, C. A. Berlin, Ber. D. bot. Ges., 25, 1907, (150-157).

Gleditschia donensis n. sp. Canada. Penhallow, D. P. Amer. Nat., 41, 1907, (444-446).

Malus coronariaefolia n. sp. North Carolina. Berry, E. W. J. Geol., 15, 1907, (341-345).

Quercus nn. spp. North Carolina. Berry, E. W. *l.c.*

Tetracarpon O. G. Costa Sen *Fagus sylvatica* Linn. Galdieri, A. Napoli, Rend. Acc. Sc., 12, 1906, (152-153).

[*Tilia dubia* (Newb.) n. comb.] Berry, E. W. Torrey, 7, 1907, (80-81).

Trapa natans. Conwentz, [H.]. Danzig, Ber. nathist. Samml., 21, 1901, (20-22).

Vaccinium spatulata n. sp. North Carolina. Berry, E. W. J. Geol., 15, 1907, (346).

6000 MONOCOTYLEDONES.

6000.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Potamogetonaceae. Ascherson, P. und Graebner, P. Englers Pflanzenreich, H. 31, (IV. 11), 1907, (184).

6000.60 MESOZOIC (GENERAL).

Potamogetophyllum n. gen., *P. vernonense* n. sp. Fontaine, W. M. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, (1-616).

6000.75 CRETACEOUS.

Caulinites inquirendus n. sp. Long I. Hollick, A. New York, Bull. Bot. Gard., 3, 1904, (405-407).

6000.80 CAENOZOIC (TERTIARY) (GENERAL).

Musophyllum kinkelini n. sp. Müntzenberg. Engelhardt, H. Frankfurt a. M., Ber. Senckenb. Ges., 1907, (137-141).

6000.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Hordeum gigas n. sp. Sézanne. Vuigier, R. Paris, C. R. Acad. sci., 145, 1907, (605).

Typha lesquereuxi n. nom. Cockrell, T. D. A. New York, Bull. Torrey Bot. Cl., 33, 1906, (307-312, with text fig.).

6000.90 UPPER CAENOZOIC MIOCENE PLIOCENE.

Alisina plantago. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (22).

Carex. Reid, C. and Reid, E. M. t.c. (23).

Dulichium vespiforme n. sp. Reid, C. and Reid, E. M. Amsterdam, Verh. Wis. Nat. Afd. K. Akad. Wet., 16, 1908, (898-899, with 1 pl.); Amsterdam, Proc. Sci. K. Akad. Wet., 10, 1908, (860-861, with 1 pl.).

Eleocharis. Reid, C. and Reid, E. M. Amsterdam, Verh. K. Akad. Wet., 2e Sect., 13, No. 6, 1907, (23).

Najas. Reid, C. and Reid, E. M. t.c. (22-23).

Potamogeton. Reid, C. and Reid, E. M. t.c. (1-22).

Rhynchospora. Reid, C. and Reid, E. M. t.c. (23).

Sagittaria sagittifolia. Reid, C. and Reid, E. M. t.c. (22).

Scirpus lacustris. Reid, C. and Reid, E. M. t.c. (23).

Sparganium. Reid, C. and Reid, E. M. t.c. (22).

Stratiotes elegans n. sp. Tegelen. Reid, C. and Reid, E. M. t.c. (21).

6000.95 PLEISTOCENE AND RECENT.

Stratiotes aloides L. Witte, H. Stockholm, Geol. För. Förh., 27, (432-451, with pl.).

6500 GYMNOSPERMEAE.

6500.39 GENERAL.

Radiculites. Lignier, O. Paris, Bul. soc. bot., 53, 1906, (193-201).

6500.55 UPPER PALAEOZOIC.

Araucarioxylon occidentale n. sp. Macbride, T. H. Davenport, Iowa, Proc. Acad. Sci., 10, 1907, (154-160).

Aspidiopsis. Vinassa De Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

Cordaites. Vinassa De Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

Dicranophyllum nn. spp. Baden. Sterzel, J. T. Heidelberg, Mitt. geol. Landesanst., 5, 1907, (345-892).

Dorycordaites. Vinassa de Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

Hexagonocarpus. Vinassa De Regny, P. e Gortani, M. l.c.

Noeggeratia. Vinassa De Regny, P. e Gortani, M. l.c.

Poacordaites. Vinassa de Regny, P. e Gortani, M. l.c.

Pseudobaiera n. gen., *P. mcintoshii* n. sp. with mut. *flabellata*. Matthew, G. F. St. John, Bull. Nat. Hist. Soc. New Brunsw., 5, 1906, (393-398).

Trigonocarpus. Vinassa De Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

6500.60 MESOZOIC (GENERAL).

Abietites marylandicus n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr. **48**, Part 1, 1905, (1-616).

Cycadeoidea nn. spp. **Ward**, L. F. *l.c.*

Ephedrites? *vernonensis* n. sp. **Fontaine**, W. M. *l.c.*

Feistmantelia virginica n. sp. **Fontaine**, W. M. *l.c.*

Ginkgo? *acetaria* n. sp. **Ward**, L. F. *l.c.*

Leptostrobus? *ovalis* n. nom. **Ward**, L. F. and others. *l.c.*

Picea cliffwoodensis n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **33**, 1906, (163-182, with 3 pl.).

Pinites leei n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Pinus nn. spp. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv. Monogr., **48**, Part 1, 1905, (1-616).

Sequoia? *inferna* n. nom. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Williamsonia? nn. spp. **Ward**, L. F. *l.c.*

6500.70 JURASSIC.

Brachyphyllum? *storrsei* n. sp. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Cedroxylon nn. spp. König Karls Land. **Gothan**, W. Stockholm, Vet.-Ak. Handl., **42**, No. 10, 1907, (23-31, with pl.).

Ctenis sulcicaulis (Phillips) n. comb. **Ward**. Washington, Dept. Int., U. S., Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616, with pl. (incl. maps) published as **48**, Part 2).

Ctenophyllum pachynerve n. sp. **Fontaine**, W. M. *l.c.*

Cycadeospermum nn. spp. **Fontaine**, W. M. *l.c.*

Cyclopitys oregonense n. sp. **Fontaine**, W. M. *l.c.*

Dadoxylon. **Gothan**, W. St. Petersburg, Verh. russ. mineral. Ges., **44**, 1906, (435-458).

Encephalartos? *oregonensis* n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616, with pl. (incl. maps) published at **48**, Part 2).

Ginkgo huttoni var. *magnifolia* n. var. **Fontaine**, W. M. *l.c.*

Nilsonia nn. spp. **Wieland**, G. R. and **Fontaine**, W. M. *l.c.*

Otozamites oregonensis n. sp. **Fontaine**, W. M. *l.c.*

Podocarpoxyylon. **Gothan**, W. St. Petersburg, Verh. russ. mineral. Ges., **44**, 1906, (435-458).

Podocamites pachyphyllus n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616, with pl. (incl. maps) published as **48**, Part 2). 30 cm.

Protopiceoxylon n. gen., *P. extinctum* n. sp. König Karls Land. **Gothan**, W. Stockholm, Vet.-Ak. Handl., **42**, No. 10, 1907, (32-36, with pls.).

Pterophyllum aiaskense n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Samaropsis? *oregonensis* n. sp. **Fontaine**, W. M. *l.c.*

Sequoia fairbanksi n. sp. **Fontaine**, W. M. *l.c.*

Sphenolepidium oregonense n. sp. **Fontaine**, W. M. *l.c.*

Williamsonia oregonensis n. sp. **Fontaine**, W. M. *l.c.*

Xenoxyylon. **Gothan**, W. St. Petersburg, Verh. russ. mineral. Ges., **44**, 1906, (435-458).

6500.75 CRETACEOUS.

GENERAL.

Nosak, J. La flore fossile sénénienne de Potylicz. Kraków, Bull. Intern. Acad., **1907**, (45-56).

SPECIAL.

Cephalotaxopsis? *rhytidodes* n. sp. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Cladophlebis falcata montanensis n. comb. **Fontaine**, W. M. *l.c.*

Cunninghamites pulchellus n. sp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905, (129-136).

Cycadeoidea stantoni n. sp. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Cycadeospermum nn. spp. **Fontaine**, W. M. *l.c.*

Dammara acicularis n. sp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905, (129-136).

———— *minor* n. sp. **Hollick**, A. Washington D.C., Dept. Int., U. S. Geol. Surv., Monogr., 50, 1906, (1-219, with pl.).

———— *northportensis* n. sp. **Long** I. **Hollick**, A. New York, Bull. Bot. Gard., 3, 1904, (405-407).

Dioonites buchianus abietinus (Göppert) n. comb. **Ward**, L. F. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Laricopsis longifolia var. *latifolia* n. var. **Fontaine**, W. M. *l.c.*

Nageiopsis montanensis n. sp. **Fontaine**, W. M. *l.c.*

Nilsonia nn. spp. **Ward**, L. F. *l.c.*

Pinus shastensis n. sp. **Fontaine**, W. M. *l.c.*

Pityoxylon nn. spp. **Jeffrey**, E. C. and **Chrysier**, M. A. Bot. Gaz., 42, 1906, (1-15, with 2 pl.).

Pterophyllum? lowryanum n. sp. **Ward**, L. F. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

———— *montanense* (Fontaine) n. comb. **Knowlton**, F. H. Washington, Smithsonian Inst., Misc. Collect., Q., 50, 1907, (108-123).

Widdringtonites fasciculatus n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 50, 1906, (1-219, with pl.).

Williamsonia delawarensis n. sp. **Berry**, E. W. Baltimore, Md., Johns Hopkins Univ. Cir., 1907, No. 7, (82-84).

Zamites buchianus. **Salfeld**, H. Hannover, Jahrb. ProvMus., 1906-07, (95, mit 1 Taf.).

6500.80 *CAENOZOIC (TERTIARY) (GENERAL)*.

Sequoia haydenii (Lesq.) n. comb. **Cockerell**, T. D. A. **Torrey**, 7, 1907, (203-204).

Pinites nn. spp. Denmark. **Vaupell**, C. Kjöbenhavn, Medd. Geol., 12, 1906, (42-64).

6500.85 *LOWER CAENOZOIC (EOCENE, OLIGOCENE)*.

Glyptostrobus. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (419-434).

Sequoia. **Palibin**, I. *l.c.*

6500.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE)*.

GENERAL.

Gothan, M. Die fossilen Coniferen-hölzer von Senftenberg. [In: P. Menzel, Ueber die Flora der Senftenberger Braunkohlen-Ablagerungen.] Berlin, Abh. geol. Landesanst., 46, 1906, (154-171).

SPECIAL.

Juniperus. **Reid**, C. and **Reid**, E. M. Amsterdam, Verh. K. Akad. Wet., 2^e Sect., 13, No. 6, 1907, (21).

Picea. **Palibin**, I. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (243-269).

Pinus. **Reid**, C. and **Reid**, E. M. Amsterdam, Verh. K. Akad. Wet., 2^e Sect., 13, No. 6, 1907, (21).

———— *laricis* Poir. **Longo**, B. Ann. Bot., Roma, 1, 1904, (323-333).

———— *sarmatica* n. sp. **Palibin**, I. St. Peterburg, Verh. Russ. mineral. Ges., 43, 1905, (243-269).

Sequoia. **Palibin**, I. St. Peterburg, Verh. russ. mineral. Ges., 44, 1906, (411-414, mit 1 Taf.).

6500.95 *PLEISTOCENE AND RECENT*.

Pinites nn. spp. Denmark. **Vaupell**, C. Kjöbenhavn, Medd. Geol., 12, 1906, (42-64).

6600 **CYCADOFILICES.**
(**PTERIDOSPERMEAE**).

6600.55 **UPPER PALAEOZOIC.**

GENERAL.

Zalësskij, M. D. Samen und männliche Blumen bei einigen carbonischen Farnen. (Russ.) St. Petersburg, Verh. russ. mineral. Ges., **44**, 1906, Prot. (14–15).

———— Fossile Pflanzen aus der Gruppe Cycadofilices. *t.c.* (327–410).

SPECIAL.

Mariopteris. **Zalësskij**, M. D. St.-Peterburg, Mém. Com. géolog., **33**, 1907, (1–38; deutsch. Rés. 39–68).

Neuropteris. **Zalësskij**, M. D. *l.c.*

Neurodopteris auriculata. **Gortani**, M. Roma, Boll. Soc. geol. ital., **25**, 1906, (257–276).

Pecopteris. **Zalësskij**, M. D. St.-Peterburg, Mém. Com. géolog., **33**, 1907, (1–38, deutsch. Rés. 39–68).

Sphenopteris bohdanowiczi n. sp. **Zalësskij**, M. D. *l.c.*

6600.70 **JURASSIC.**

Dictyozamites johnstoni Nath. Die Kutikula der Blätter beschrieben und abgebildet. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **42**, No. 5, 1907, (10–14, with pl. iii).

6600.75 **CRETACEOUS.**

Pseudocycas n. gen. für *Cycas dicksoni* Heer, *C. steenstrupi* Heer und 2 nn. spp. *P. insignis* und *P. pumilio*. Grönland. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **42**, No. 5, 1907, (1–9, with pls. i–ii).

6700 **PTERIDOPHYTA.**

6700.39 **GENERAL.**

Caulopteris. **Pelourde**, F. Paris, C. R. Acad. sci., **145**, 1907, (955–957).

Lepidostrobos. **Zeiller**, R. *t.c.* (1122–1126).

Psaronicaulon. **Pelourde**, F. *t.c.* (955–957).

Psaronius. **Pelourde**, F. *t.c.* (955–957).

6700.55 **UPPER PALAEOZOIC.**

Alethopteris. **Vinassa De Regny**, P. e **Gortani**, M. Roma, Boll. Soc. geol. ital., **24**, 1905, (461–606, con tav.).

Annularia spp. **Vinassa De Regny**, P. e **Gortani**, M. *l.c.*

———— *longifolia* mut. *leavitti* n. mut. **Matthew**, G. F. St. John, Bull. Nat. Hist. Soc. New Brunsw., **5**, 1906, (393–398).

Aphlebia sub-germari n. sp. **Baden**. **Sterzel**, J. T. Heidelberg, Mitt. geol. Landesanst., **5**, 1907, (345–892).

Archaeopteris hitchcocki (Dn.) n. comb. **White**, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. **35**, 1905, (35–84).

Asterocalamites. **Zalësskij**, M. D. St.-Peterburg, Mém. géolog., **33**, 1907, (1–38; deutsch. Rés. 39–68).

Asterophyllites. **Vinassa De Regny**, P. e **Gortani**, M. Roma, Boll. Soc. geol. ital., **24**, 1905, (461–606, con tav.).

Barinophyton n. gen. *B. richardsoni* (Dn.) n. comb. *B. perrianum* n. sp. **White**, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. **35**, 1905, (35–84).

Barrandina perriana (Dn.) n. comb. **White**, D. *l.c.*

Calamitina ohlsbachensis n. sp. **Baden**. **Sterzel**, J. T. Heidelberg, Mitt. geol. Landesanst., **5**, 1907, (345–892).

Calamites spp. **Vinassa De Regny**, P. e **Gortani**, M. Roma, Boll. Soc. geol. ital., **24**, 1905, (461–606, con tav.).

———— **Zalësskij**, M. D. St.-Peterburg, Mém. Com. géolog., **33**, 1907, (1–38; deutsch. Rés. 39–68).

———— *cistiï* Brongt. **Vinassa de Regny**, P. Roma, Boll. Soc. geol. ital., **25**, 1906, (221–232. 257–276, con fig.).

Callipteridium. **Vinassa De Regny**, P. e **Gortani**, M. *op. cit.* **24**, 1905, (461–606, con tav.).

Cyclopteris. **Vinassa De Regny**, P. e **Gortani**, M. *l.c.*

Goniopteris. **Vinassa De Regny**, P. e **Gortani**, M. *l.c.*

Lepidodendron. **Vinassa De Regny**,
P. e **Gortani**, M. l.c.

———— *tonderae* n. sp. **Zalésskij**,
M. D. St.-Peterburg, Mém. Com. géolog.,
33, 1907, (1-38; deutsch. Rés. 39-68).

Lepidophyllum spp. **Vinassa De
Regny**, P. e **Gortani**, M. Roma, Boll. Soc.
geol. ital., **24**, 1905, (461-606, con
tav.).

———— (?) *dubium* n. sp. **Baden**.
Sterzel, J. T. Heidelberg, Mitt. geol.
Landesanst., **5**, 1907, (345-982).

Lepidostrobus. **Vinassa de Regny**,
P. e **Gortani**, M. Roma, Boll. Soc. geol.
ital., **24**, 1905, (461-606, con tav.).

Linopteris spp. **Vinassa De Regny**,
P. e **Gortani**, M. l.c.

———— *mayeri* n. sp. **Baden**. **Ster-
zel**, J. T. Heidelberg, Mitt. geol. Lan-
desanst., **5**, 1907, (345-892).

Lycopodites zeileri n. sp. Steinkoh-
lengebiet bei Zwickau. **Halle**, T. G.
Ark. Bot., **7**, No. 5, 1907, (6-7, with
pls.).

Mariopteris. **Vinassa De Regny**, P.
e **Gortani**, M. Roma, Boll. Soc. geol.
ital., **24**, 1905, (461-606, con tav.).

Nevrodontopteris. **Vinassa De Regny**,
P. e **Gortani**, M. l.c.

———— *auriculata* (Brongt).
Vinassa De Regny, P. op. cit. **27**, 1906,
(221-232, con fig.).

Nevropteris spp. **Vinassa De Regny**,
P. e **Gortani**, M. op. cit. (461-606, con
tav.).

Odontopteris. **Vinassa De Regny**, P.
e **Gortani**, M. l.c.

Ovopteris. **Vinassa De Regny**, P.
e **Gortani**, M. l.c.

Palmatopteris. **Vinassa De Regny**,
P. e **Gortani**, M. l.c.

Pecopteris. **Vinassa De Regny**, P. e
Gortani, M. l.c.

———— (*Ptychocarpus*?) *pseuderosa*
n. sp. **Baden**. **Sterzel**, J. T. Heidel-
berg, Mitt. geol. Landesanst., **5**, 1907,
(345-892).

Phyllothea. Reste aus den Falkland-
Inseln. **Nathorst**, A. G. Upsala,
Bull. Geol. Inst., **7**, [1906], (72-76,
with pl.).

Psaronius borealis n. sp. **Macbride**,
T. H. Davenport, Iowa, Proc. Acad.
Sci., **10**, 1907, (154-160).

Pseudopecopteris. **Vinassa De Regny**,
P. e **Gortani**, M. Roma, Boll. Soc.
geol. ital., **24**, 1905, (461-606, con tav.).

Psilophyton? *alcicorne* n. sp. **White**,
D. Washington, Dept. Int., U. S. Geol.
Surv., Prof. Papr., No. **35**, 1905, (35-
84).

Rhachiopteris pinnata var. *angus-
tipinna* n. var. **White**, D. l.c.

Rhodea dissecta f. *offenburgensis*
(? n. f.). **Sterzel**, J. T. Heidelberg, Mitt.
geol. Landesanst., **5**, 1907, (345-892).

Sigillaria. **Vinassa De Regny**, P. e
Gortani, M. Roma, Bol. Soc. geol. ital.,
24, 1905. (461-606, con tav.).

———— **Zalésskij**, M. D. St. Peter-
burg, Mém. Com. géolog., **33**, 1907, (1-
38; deutsch. Rés. 39-68).

———— nn. form. (?). **Baden**.
Sterzel, J. T. Heidelberg, Mitt. geol.
Landesanst., **5**, 1907, (345-892).

———— *brardi* (Sternb.) **Gortani**.
M. Roma, Boll. Soc. geol. ital., **25**,
1906, (257-276).

———— *calvini* n. sp. **Macbride**,
T. H. Davenport, Iowa, Proc. Acad.
Sci., **10**, 1907, (154-160).

———— *taramellii* n. sp. Carnian
Alps. **Vinassa De Regny**, P. Roma,
Boll. Soc. geol. ital., **24**, 1905, (461-606).

Sigillariophyllum. **Vinassa De
Regny**, P. e **Gortani**, M. l.c.

Sphenasterophyllites n. gen. *S*.
diersburgensis n. sp. **Baden**. **Sterzel**,
J. T. Heidelberg, Mitt. geol. Landesanst.,
5, 1907, (345-892).

Sphenophyllum. **Vinassa De Regny**,
P. e **Gortani**, M. Roma, Boll. Soc. geol.
ital., **24**, 1905, (461-606, con tav.).

———— **Zalésskij**, M. D. St.-Peter-
burg, Mém. Com. géolog., **33**, 1907, (1-
38; deutsch. Rés. 39-68).

Sphenopteris nn. spp. **Baden**. **Ster-
zel**, J. T. Heidelberg, Mitt. geol. Lan-
desanst., **5**, 1907, (345-892).

———— **Vinassa De Regny**, P. e **Gor-
tani**, P. Roma, Boll. Soc. geol. ital.,
24, 1905, (461-606, con tav.).

Stigmaria. **Zalésskij**, M. D. St.-Peterburg, Mém. Com. géolog., **33**, 1907, (1-38; deutsch. Rés. 39-68).

Sublepidophloios n. gen., *S. hagenbachensis*, *S. lepidodendroides* nn. spp. Baden. **Sterzel**, J. T. Heidelberg, Mitt. geol. Landesanst., **5**, 1907, (345-892).

Ulodendron. **Zalésskij**, M. D. St. Peterburg, Mém. Com. géolog., **33**, 1907, (1-38; deutsch. Rés. 39-68).

6700.60 MESOZOIC (GENERAL).

GENERAL.

Halle, T. G. Mesozoische Equisetaeen Schonens. Ark. Bot., **7**, No. 7, 1907, (7).

SPECIAL.

Adiantites parvifolius n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Camptopteris spiralis Nath. **Nathorst**, O. G. Stockholm, Vet.-Ak. Handl., **41**, No. 5, 1906, (24, with pl.).

Cladophlebis acuta var. *angustifolia* n. var. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Clathropteris meniscioides Brongniart. Hørsandstein. **Nathorst**, A. G. Stockholm, Ver.-Ak. Handl., **41**, No. 2, 1906, (14, with pl.).

———— *platyphylla* (Gp.). Wahrscheinlich = *Cl. meniscioides* Brongniart. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **41**, No. 2, 1906, (14, with pl.).

Dictyophyllum. Ausführliche Beschreibung. *D. spectabile* n. sp. **Nathorst**, A. G. t.c. No. **5**, 1906, (24, with pl.).

Lycopodites scanicus n. nom. **Nathorst** in litt. für *Selaginella renaultii* Nath. **Halle**, T. G. Ark. Bot., **7**, No. 5, 1907, (14-15, with pl.).

Osmunda delawarensis n. sp. **Berry**, E. W. New York, Bull. Torrey Bot. Cl., **33**, 1906, (163-182).

Rhizomopteris cruciata Nath. wahrscheinlich Rhizom zu *Clathropteris meniscioides* Brongniart. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **41**, No. 2, 1906, (14, with pl.).

Selaginella marylandica n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr. **48**, Part 1, 1905, (1-616).

Thaumatopteris schenki Nath. Ausführliche Beschreibung. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **42**, No. 3, 1907, (9, with pls.).

Thinnfeldia marylandica n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr. **48**, Part 1, 1905, (1-616).

6700.70 JURASSIC.

Cladophlebis nn. spp. **Ward**, L. F. and **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Danaeopsis storrssii n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616, with pl. (incl. maps) pub. as **48**, Part 2).

Dicksonia oregonensis n. sp. **Fontaine**, W. M. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Onychiopsis psilotoides (Stokes and Webb) n. comb. **Ward**, L. F. l.c.

Osmundaceae. **Kidston**, R. and **Gwynne-Vaughan**, D. T. Edinburgh, Trans. R. Soc., **45**, 1907, (759-780, with 6 pls.).

Osmundites nn. spp. New Zealand. **Kidston**, R. and **Gwynne-Vaughan**, D. T. t.c. (759-768, pls. i-iv).

Polypodium oregonense n. sp. **Fontaine**, W. M. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

Sagenopteris paucifolia (Phill.) n. comb. nn. spp. **Ward**, L. F. and **Fontaine**, W. M., l.c.

Scleropteris oregonensis n. sp. **Fontaine**, W. M. l.c.

Taeniopteris? *oregonensis* n. sp. **Fontaine**, W. M. l.c.

6700.75 CRETACEOUS.

GENERAL.

Nosak, J. La flore fossile sénonienne de Potylicez. Kraków, Bull. Intern. Acad., **1907**, (45-56).

SPECIAL.

Acrostichopteris fimbriata n. sp.
Knowlton, F. H. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (108-123).

Adiantum montanense n. sp.
Knowlton, F. H. l.c.

Cladophlebis fisheri n. sp. **Knowlton**, F. H. l.c.

————— *ungeri* (Dunker) n. comb.
Ward, L. F. Washington, D.C., Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Dicksonia nn. spp. **Fontaine**, W. M. l.c.

Dryopteris ? *kootaniensis* n. sp.
Knowlton, F. H. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (108-123).

Equisetites peruanus n. sp. Peru.
Neumann, R. N. Jahrb.Min., Beilagebd 24, 1907, (78).

Gleichenia delawarensis n. sp. **Berry**, E. W. Baltimore, Md., Johns Hopkins Univ. Cir., 1907, No. 7, (82-84).

————— ? *gilbert-thompsoni* n. sp.
Fontaine, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Hausmannia ? *californica* n. sp.
Fontaine, W. M. l.c.

Lycopodites ? *montanensis* n. sp.
Fontaine, W. M. l.c.

Marsilea andersoni n. sp. Long I.
Hollick, A. New York, Bull. Bot. Gard., 3, 1904, (409-415).

Oleandra graminæfolia n. sp.
Knowlton, F. H. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (108-123).

Onoclea inquirenda (Hollick) n. comb.
Hollick, A. Washington, Dept. Int. U. S. Geol. Surv., Monogr., 50, 1906, (1-219, with pl.).

Osmunda montanensis n. sp.
Knowlton, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. 257, 1905, (129-136).

————— *novae-caesaræ* n. sp.
Berry, E. W. Baltimore, Md., Johns Hopkins Univ. Cir., 1907, No. 7, (82-84).

Protorhipis fisheri n. sp. **Knowlton**, F. H. Washington, Smithson. Inst., Misc. Collect., Q., 50, 1907, (108-123).

Sagenopteris oregonensis n. comb.
S. nervosa n. sp. **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., 48, Part 1, 1905, (1-616).

Thrysopteris grevillioides (Heer) n. comb. **Hollick**, A. op. cit. 50, 1906, (1-219, with pl.).

6700.85 LOWER CAENOZOIC
EOCENE, OLIGOCENE.

Aspidium. **Palibin**, I. St. Peterburg. Verh. Russ. mineral. Ges., 44, 1906, (419-434).

Osmunda. **Palibin**, I. l.c.

7000 MUSCI ET HEPATICAE.

7000.80 CAENOZOIC (TERTIARY) (GENERAL).

Britton, E. G. and **Hollick**, A. New York, Bull. Torrey Bot. Cl., 34, 1907, (139-142, with 1 pl.).

7000.85 LOWER CAENOZOIC
EOCENE.

Marchantia munieri n. sp. Sézanne.
Viguiier, R. Paris, C. R. Acad. sci., 145, 1907, (606).

7300 CHARACEAE.

7300.55 UPPER PALAEOZOIC.

Sycidium volborthi n. sp. **Karpinskij**, A. St.-Peterburg, Mém. Com. géolog., 27, 1906, (1-86; deutsch. Res. 87-159).

Trochiliscus nn. spp. **Karpinskij**, A. l.c.

7300.95 PLEISTOCENE AND
RECENT.

Chara nn. spp. **Hartmann**, F. Fossile Flora von Ingramsdorf, 1907.

7400 ALGAE ET SCHIZOPHYCEAE.

7400.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Coscinodiscus schultzei n. sp. S. Africa. **Reichert**, H. Fossilien . . . von Witkop, 1, 1907, (706-708).

Cymbella africana n. sp. S. Africa.
Reichelt, H. l.c.

Epithemia media n. sp. S. Africa.
Reichelt, H. l.c.

7400.55 UPPER PALAEOZOIC.

Chondrites sp. Gortani, M. Palaeontogr. ital., 12, 1906, (1-84).

Gyroporella Gümb. Gortani, M. l.c.

Taeniocrada palmata n. sp. White, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. 35, 1905, (35-84).

Zoophycos carboniferus Bozzi. Gortani, M. Roma, Boll. Soc. geol. ital., 25, 1906, (257-276).

7400.65 TRIASSIC.

Diplopora rauffi n. sp. Oberschlesien. Ahlburg, J. Berlin, Abh. geol. Landesanst., 50, 1906, (1-163).

Gyroporella. Mariani, E. Milano, Rend. Ist. lomb., 38, 1905, (563-572, con fig.).

7400.75 CRETACEOUS.

Lithothamnium. Bogdanovič, K. I. St. Peterburg, Mém. Com. géolog., 26, 1906, (I-VI, 1-136; deutsch. Rés. 137-175).

7700.85 LOWER CAENOZOIC
EOCENE, OLIGOCENE.

Chondrites spp. Issel, A. Roma, Boll. Soc. geol. ital., 25, 1906, (1-58).

Diatomaceae. Deecke, W. Berlin, Monatsber. D. geol. Ges., 1907, (254-255).

Munsteria spp. Issel, A. Roma, Boll. Soc. geol. ital., 25, 1906, (1-58).

Saportia annulata Sqaia. Issel, A. l.c.

7400.90 UPPER CAENOZOIC
MIOCENE, PLIOCENE.

Lithothamnium. Delage et Rouville. Montpellier, Mém. sec. sci. Acad. sci. let., 3, 1903, (11).

Zoophycos sp. Salle, E. Pisa, Atti. Soc. tosc. sc. nat., 21, 1905, Mem. (231-235, con fig.).

7400.95 PLEISTOCENE AND
RECENT.

GENERAL.

Reichelt, H. Das Diatomeenlager von Kleinsaubernitz in Sachsen. Arch. Hydrobiol., 3, 1907, (213-217).

SPECIAL.

Grateloupia bassanii n. sp. Taranto. Gasparis (De), A. Napoli, Atti. Acc. Sc., 12, No. 4, 1905, (1-8, con tav.).

7700 FUNGI, BACTERIA ET
MYCETOZOA.

7700.55 UPPER PALAEOZOIC.

Rosellinites. Vinassa De Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

7900 PLANTAE INCERTAE
SEDIS.

7900.55 UPPER PALAEOZOIC.

Cardiocarpus nn. spp. Baden. Sterzel, J. T. Heidelberg, Mitt. geol. Landesanst., 5, 1907, (345-892).

Carpolithes crassitesticus n. sp. Baden. Sterzel, J. T. l.c.

———— *confinis* n. sp. White, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. 35, 1905, (35-84).

Dimeripteris incerta (Dn.), *D. recurva* (Dn.) n. comb. White, D. l.c.

Helminthoida. Vinassa De Regny, P. e Gortani, M. Roma, Boll. Soc. geol. ital., 24, 1905, (461-606, con tav.).

Helmintopsis. Vinassa De Regny, P. e Gortani, M. l.c.

Lepidocystis siliqua (Dn.) n. comb. White, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. 35, 1905, (35-84).

Otidophyton n. gen. *O. hymenophylloides* n. sp. White, D. l.c.

Pachytesta attenuata n. sp. Baden. Sterzel, J. T. Heidelberg, Mitt. geol. Landesanst., 5, 1907, (345-892).

Platyphyllum rogersi n. sp. White, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. 35, 1905, (35-84).

Polygonocarprus czarnockii n. sp. **Zaleskij**, M. D. St. Peterburg, Mém. Com. géolog., **33**, 1907, (1-38, deutsch. Rés. 39-68).

Sporangites jacksoni n. sp. **White**, D. Washington, Dept. Int., U. S. Geol. Surv., Prof. Papr., No. **35**, 1905, (35-84).

Taenidium. **Vinassa De Regny**, P. e **Gortani**, Roma. Boll. Soc. geol. ital., **24**, 1905, (461-606, con tav.).

Trigonocarpus nn. spp. **Baden**. **Sterzel**, J. T. Heidelberg, Mitt. geol. Landesanst., **5**, 1907, (345-892).

Zoophycos. **Vinassa De Regny**, P. e **Gortani**, M. Roma. Boll. Soc. geol. ital., **24**, 1905, (461-606, con tav.).

7900.70 JURASSIC.

Carpolithus nn. spp. **Ward**, L. F. and **Fontaine**, W. M. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **48**, Part 1, 1905, (1-616).

7900.75 CRETACEOUS.

(GENERAL.

Hollick, A. Palaeobotany of the Cretaceous formation on Long island. No. 2. New York, Bull. Bot. Gard., **3**, 1904, (403-418, with pl.).

SPECIAL.

Calycites alatus n. sp. **Long I.** **Hollick**, A. New York, Bull. Bot. Gard., **3**, 1904, (415-417).

———— *obovatus* n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol.

Surv., Monogr., **50**, 1906, (1-219, with pl.).

Carpites nn. spp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (148-150).

Carpolithus nn. spp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).

Phyllites nn. spp. **Knowlton**, F. H. Washington, Dept. Int., Bull. U. S. Geol. Surv., No. **257**, 1905, (148-150).

Rhynchogoniopsis neocomiensis n. sp. **Peru**. **Neumann**, R. N. Jahrb. Min., Beilagebd. **24**, 1907, (87).

Strobilites perplexus n. sp. **Hollick**, A. Washington, Dept. Int., U. S. Geol. Surv., Monogr., **50**, 1906, (1-219, with pl.).

Tricalycites major n. sp. **Long I.** **Hollick**, A. New York, N. Y., Bull. Bot. Gard., **3**, 1904, (415-417).

7900.85 LOWER CAENOZOIC EOCENE, OLIGOCENE.

Helminthoidea spp. **Issel**, A. Roma, Boll. Soc. geol. ital., **25**, 1906, (1-58).

Munierina eocenica n. sp. **Sézanne**. **Viguiet**, P. Paris, C. R. Acad. sci., **145**, 1907, (605).

7900.95 PLEISTOCENE AND RECENT.

Holstia n. gen., *H. splendens* n. sp. **Skania**. **Hagström**, O. Stockholm, Geol. För. Förh., **28**, 1906, (90-92, with pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONES.

- ACACIAEPHYLLUM [Leguminosae].
 ——— *ellipticum*. Fontaine. 5200.
 ——— *pachyphyllum*. Fontaine.
 5200.
- ACER [Sapindaceae].
 ——— *torontoniensis*. Penhallow.
 4987.
- AMELANCHIER [Rosaceae].
 ——— *scudderi*. Cockerell. 4588.
 ——— *whitei*. Hollick. 4771.
- AMPELOPSIS [Ampelidae].
 ——— *denticulata*. Menzel. 4894.
- ANDROMEDA [Ericaceae].
 ——— *grandifolia* n. nom. Berry.
 4473.
- ARALIA [Araliaceae].
 ——— *newberryi*. Berry. 4473.
 ——— *vernonensis*. Fontaine.
 5200.
- ARISTOLOCHIAEPHYLLUM [Aristolochia-
 ceae].
 ——— *cellulare*. Ward. 5200.
- ARMERIA [Plumbagineae].
 ——— *nuda*. Viguier. 5187.
- BETULA [Cupuliferae].
 ——— *pseudo-jontinutis*. Berry.
 4475.
- BETULITES [Cupuliferae].
 ——— *hatcheri*. Knowlton. 4810.
- CARDUUS [Compositae].
 ——— *florissantensis*. Cockerell.
 4588.
- CASTALIA [Nymphaeaceae].
 ——— *stantoni*. Knowlton. 4810.
- CAUCALIS [Umbelliferae].
 ——— *platycantha*. Viguier. 5187.
- CEANOTHUS [Rhamneae].
 ——— *constrictus*. Hollick. 4771.
- CELASTROPHYLLUM [Celastrineae].
 ——— *albaedomus*. Ward. 5200.
 ——— *marylandicum*. Fontaine.
 5200.
 ——— *saliciforme*. Ward. 5200.
- CINNAMOMUM [Laurineae].
 ——— *crassipetiolatum*. Hollick.
 4771.
 ——— *membranaceum* n. comb.
 Hollick. 4771.
- COCCULITES [Menispermaceae].
 ——— *imperfectus*. Hollick. 4771.
 ——— *inquirendus*. Hollick. 4771.
- COCCULUS [Menispermaceae].
 ——— *minutus*. Hollick. 4772.
- COLUTEA [Leguminosae].
 ——— *obovata*. Berry. 4473.
- COTONEASTER [Rosaceae].
 ——— *göpperti*. Menzel. 4894.
- CRATAEGUS [Rosaceae].
 ——— *coccineaefolia*. Berry. 4475.
 ——— *lesquerexi* n. nom. Cock-
 erell. 4588.
 ——— *monmouthensis*. Berry.
 4472.
 ——— *prunoidea*. Menzel. 4894.
 ——— *spathulatooides*. Berry. 4475.
- DALBERGIA [Leguminosae].
 ——— *irregularis*. Hollick. 4771.
 ——— *minor*. Hollick. 4771.
- DENDRUM [Ericaceae].
 ——— *pleistocenicum*. Berry. 4475.
- DIOSPYROS [Ebenaceae].
 ——— *judithae*. Knowlton. 4810.
- ELAEOCARPUS [Tiliaceae].
 ——— *globulus*. Menzel. 4894.
- ELAEODENDRON [Celastrineae].
 ——— *strictum*. Hollick. 4771.

- EUCALYPTUS** [Myrtaceae].
 ——— *latifolia*. Hollick. 4771.
 ——— *linearifolia*. n. nom. Berry. 4473.
 ——— *rosieriana*. Ward. 5200.
 ——— *schubleri* (Heer)? n. comb. Hollick. 4771.
- EURYALE** [Nymphaeaceae].
 ——— *europaea*. Reid, C. and Reid, E. M. 5025.
 ——— *europaea*. Weber. 5203.
- EVONYMUS** [Celastrineae].
 ——— *haugii*. Viguier. 5187.
 ——— *victoriae*. Menzel. 4894.
- FIGUS** [Urticaceae].
 ——— *sapindifolia*. Hollick. 4772.
- FRAXINUS** [Oleaceae].
 ——— *cilicica*. Lingelsheim. 4854.
 ——— *densiflora*. Lingelsheim. 4854.
 ——— *ferruginea*. Lingelsheim. 4854.
 ——— *hybrida*. Lingelsheim. 4854.
 ——— *kochneana*. Lingelsheim. 4854.
 ——— *micrantha*. Lingelsheim. 4854.
 ——— *papillosa*. Lingelsheim. 4854.
 ——— *paxiana*. Lingelsheim. 4854.
 ——— *pringlei*. Lingelsheim. 4854.
 ——— *rufescens*. Lingelsheim. 4854.
 ——— *spaethiana*. Lingelsheim. 4854.
 ——— *szaboana*. Lingelsheim. 4854.
 ——— *velutina*. Lingelsheim. 4854.
 ——— *victinus*. Zanolli. 5260.
- GLEDITSCHIA** [Leguminosae].
 ——— *donensis*. Penhallow. 4987.
- GUATTERIA** [Anonaceae].
 ——— *cretacea*. Hollick. 4771.
- GYMINDA** [Celastrineae].
 ——— *primordialis*. Hollick. 4771.
- HEDERA** [Araliaceae].
 ——— *simplex*. Hollick. 4771.
- ILEX** [Ilicineae].
 ——— *leonis* n. nom. Cockerell. 4588.
 ——— *lusatica*. Menzel. 4894.
- JUGLANS** [Juglandaceae].
 ——— *elongata*. Hollick. 4771.
- JUGLANSOXYLON** [Juglandaceae].
 ——— *zuriense*. Falqui. 4660.
- LAUROPHYLLUM** [Laurineae].
 ——— *elegans*. Hollick. 4771.
 ——— *nervillosum*. Hollick. 4771.
- LIRIODENDRON** [Magnoliaceae].
 ——— *attenuatum*. Hollick. 4771.
 ——— *dubium*. Berry. 4473.
 ——— *morganensis*. Berry. 4473.
- LIRIODENDROPSIS** [Magnoliaceae].
 ——— *retusa*. n. comb. Hollick. 4771.
 ——— *spectabilis*. Hollick. 4771.
- MAGNOLIA** [Magnoliaceae].
 ——— *newberryi*. n. nom. Berry. 4473.
- MALUS** [Rosaceae].
 ——— *coronariaefolia*. Berry. 4475.
- MALVASTRUM** [Malvaceae].
 ——— *exhumatum*. Cockerell. 4588.
- MENISPERMITIS** [Menispermaceae].
 ——— *californicus*. Fontaine. 5200.
- MYRICA** [Myricaceae].
 ——— *elegans*. Berry. 4473.
 ——— *hendersoni*. Cockerell. 4588.
- NECTANDRA** [Laurineae].
 ——— *imperfecta*. Hollick. 4771.
- NELUMBO** [Nymphaeaceae].
 ——— *kempii* n. comb. Hollick. 4772.
- OCOTEA** [Laurineae].
 ——— *nassauensis*. Hollick. 4771.
- PALIURUS** [Rhamnaceae].
 ——— *populiferus*. Berry. 4473.
- PERIPLOCA** [Asclepiadaceae].
 ——— *cretacea*. Hollick. 4771.
- PERSEA** [Laurineae].
 ——— *valida*. Hollick. 4771.
- PHASEOLITES** [Leguminosae].
 ——— *elegans*. Hollick. 4771.
 ——— *manhassetensis*. Hollick. 4772.
- Phenantha** n. gen. [Incertae sedis].
 ——— *hollicki*. 4773.
 ——— *petalifera*. Hollick. 4773.
- PLANERA** [Urticaceae].
 ——— *betuloides*. Hollick. 4771.
 ——— *cretacea*. Berry. 4473.
- Plantaginopsis** n. gen. [Plantagineae].
 ——— *marylandica*. Fontaine. 5200.
 ——— *marylandica*. Fontaine. 5200.

- PLATANUS** [Platanaceae].
 ——— *kummelii*. Berry. 4473.
- POPULITES** [Salicineae].
 ——— *amplus*. Knowlton. 4810.
- POPULOPHYLLUM** [Salicineae].
 ——— *menispermoides*. Ward. 5200.
 ——— *minutum*. Ward. 5200.
- POPULUS** [Salicineae].
 ——— *cretacea*. Knowlton. 4810.
 ——— *dakotana*. Cockerell. 4588.
 ——— *lesquerewi* n. nom. Cockerell. 4588.
 ——— *newberryi* n. nom. Cockerell. 4588.
 ——— *ricei*. Fontaine. 5200.
 ——— *scudderii*. Cockerell. 4588.
- PROTEAEPHYLLUM** [Proteaceae].
 ——— *californicum*. Cockerell. 5200.
 ——— *uhleri*. Fontaine. 5200.
- PRUNUS** [Rosaceae].
 ——— *marchica*. Menzel. 4894.
 ——— *sambucifolia*. Menzel. 4894.
- PTEROSPERMITES** [Sterculiaceae].
 ——— *carolinensis*. Berry. 4473.
 ——— *credneriifolius*. Berry. 4473.
- ROGERSIA** [Proteaceae].
 ——— *angustifolia* var. *parva* n. var. Fontaine. 5200.
- QUERCOPHYLLUM** [Fagaceae].
 ——— *chinkapinense*. Ward. 5200.
- QUERCUS** [Cupuliferae].
 ——— *abnormalis*. Berry. 4475.
 ——— *judithae*. Knowlton. 4810.
 ——— *montana*. Knowlton. 4810.
 ——— *pratti*. Berry. 4473.
 ——— *predigitata*. Berry. 4475.
 ——— *ramaleyi*. Cockerell. 4588.
- RHAMNUS** [Rhamnaceae].
 ——— *Kirchneri* n. nom. Cockerell. 4588.
- RHOPALA** [Protaceae].
 ——— *victina*. Zanolli. 5260.
- RHUS** [Anacardiaceae].
 ——— *salicifolia*. Menzel. 4894.
- SALICIPHYLLUM** [Salicineae].
 ——— *californicum*. Fontaine. 5200.
 ——— *pachyphyllum*. Fontaine. 5200.
- SALIX** [Salicineae].
 ——— *purpurea* var. *antiqua* n. var. Falqui. 4660.
 ——— *ramaleyi*. Cockerell. 4588.
- SANTALUM** [Santalaceae].
 ——— *novae-caesareae*. Berry. 4473.
- SAPINDOPSIS** [Sapindaceae].
 ——— *oregonensis*. Fontaine. 5200.
- SAPINDUS** [Sapindaceae].
 ——— *imperfectus*. Hollick. 4772.
 ——— *inexpectans*. Knowlton. 4810.
- SAPOTACITES** [Sapotaceae].
 ——— *knowltoni*. Berry. 4473.
- SASSAFRAS** [Laurineae].
 ——— *angustilobum*. Hollick. 4771.
- SORBUS** [Rosaceae].
 ——— *alnoidea*. Menzel. 4894.
- SPIRAEA** [Rosaceae].
 ——— *crataegifolia*. Menzel. 4894.
- STERCULIA** [Sterculiaceae].
 ——— *minima*. Berry. 4473.
 ——— *pre-labrusca*. Hollick. 4771.
- TILIA** [Tiliaceae].
 ——— *dubia*. n. comb. Berry. 4482.
- ULMOXYLON** [Urticaceae].
 ——— *lovisatoi*. Falqui. 4660.
- VACCINIUM** [Vaccineaceae].
 ——— *spatulata*. Berry. 4475.
- ZIZYPHUS** [Rhamnaceae].
 ——— *cliffwoodensis*. Berry. 4472.
 ——— *oblongus*. Hollick. 4771.

6000 MONOCOTYLEDONES.

- CAULINITES** [Naiadaceae].
 ——— *inquirendus*. Hollick. 4772.
- DULICHTIUM** [Cyperaceae].
 ——— *vespiforme*. Reid, C. and Reid, E. 5026.
- HORDEUM** [Gramineae].
 ——— *gigas*. Viguier. 5187.
- MUSOPHYLLUM** [Scitamineae].
 ——— *kinkelini*. Engelhardt. 4654.
- Potamogetophyllum** n. gen. [Naiadaceae].
 ——— *vernonesense*. Fontaine. 5200.

- STRATIOTES [Hydrocharideae].
 ——— *elegans*. Reid, C. and Reid,
 E. M. 5025.
- TYPHA [Typhaceae].
 ——— *lesquereuxi* n. nom. Cocker-
 ell. 4588.
- 6500 GYMNOSPERMEAE.
- ABIETITES [Pinaceae].
 ——— *marylandicus*. Fontaine.
 5200.
- ARAUCARIOXYLON [Coniferae].
 ——— *occidentale*. Macbride.
 4867.
- BRACHYPHYLLUM [Coniferae].
 ——— *storrssi*. Ward. 5200.
- CEDROXYLON [Coniferae].
 ——— *cedroides*. Gothan. 4724.
 ——— *transiens*. Gothan. 4724.
- DICRANOPHYLLUM [Coniferae].
 ——— *beneckeanum*. Sterzel. 5147.
- CEPHALATAXOPSIS [Coniferae].
 ——— *rhytidodes*. Ward. 5200.
- CTENIS [Cycadaceae].
 ——— *sulcaulis*. Ward. 5200.
- CTENOPHYLLUM [Cycadaceae].
 ——— *pachyneve*. Fontaine. 5200.
- CUNNINGHAMITES. [Coniferae].
 ——— *pulchellus*. Knowlton.
 4810.
- CYCADEOIDEA [Cycadaceae].
 ——— *clarkiana*. Ward. 5200.
 ——— *fisherae*. Ward. 5200.
 ——— *stantoni*. Ward. 5200.
- CYCADEOSPERMUM [Cycadaceae].
 ——— *californicum*. Fontaine.
 5200.
 ——— *montanense*. Fontaine. 5200.
 ——— *oregonense*. Fontaine.
 5200.
 ——— *ovatum*. Fontaine. 5200.
- CYCLOPITYS [Coniferae].
 ——— *oregonense*. Fontaine.
 5200.
- DAMMARA [Coniferae].
 ——— *acicularis*. Knowlton.
 4810.
 ——— *minor*. Hollick. 4771.
 ——— *northportensis*. Hollick.
 4772.
 ——— *latifolium*. Sterzel. 5147.
- DIOONITES [Cycadaceae].
 ——— *buchianus abietinus* (Göp-
 pert) n. comb. Ward.
 5200.
- ENCEPHALARTOPSIS [Cycadaceae].
 ——— *oregonensis*. Fontaine.
 5200.
- EPHEDRITES [Gnetaceae].
 ——— *vernonensis*. Fontaine.
 5200.
- FEISTMANTELLA [Cycadaceae].
 ——— *virginica*. Fontaine. 5200.
- GINGKO [Coniferae].
 ——— *acetaria*. Ward. 5200.
 ——— *huttoni* var. *magnifolia* n.
 var. Fontaine. 5200.
- LARICOPSIS [Coniferae].
 ——— *longifolia* var. *latifolia* n.
 var. Fontaine. 5200.
- LEPTOSTROBUS [Coniferae].
 ——— *ovalis* n. nom. Ward.
 5200.
- NAGEIOPSIS [Coniferae].
 ——— *montanensis*. Fontaine.
 5200.
- NILSONIA [Cycadaceae].
 ——— *nigracollensis*. Wieland.
 5200.
 ——— *orientalis* var. *minor* n. var.
 Fontaine. 5200.
 ——— *parvula* (Heer) n. comb.
 Fontaine. 5200.
 ——— ? *sambucensis*. Ward.
 5200.
 ——— *stantoni*. Ward. 5200.
- OTOZAMITES [Cycadaceae].
 ——— *oregonensis*. Fontaine.
 5200.
- PICEA [Coniferae].
 ——— *cliffwoodensis*. Berry. 4473.
- PINITES [Coniferae].
 ——— *brucei*. Vaupell. 5186.
 ——— *janicorum*. Vaupell. 5186.
 ——— *jausöllianus*. Vaupell.
 5186.
 ——— *flexuosus*. Vaupell. 5186.
 ——— *forchhammeri*. Vaupell.
 5186.
 ——— *leei*. Fontaine. 5200.
 ——— (?) *maculatus*. Vaupell.
 5186.
 ——— *tenuiporosus*. Vaupell.
 5186.
 ——— *sarmatica*. Palibin. 4961.
 ——— *schista*. Ward. 5200.
 ——— *shastensis*. Fontaine. 5200.
 ——— *vernonensis*. Ward. 5200.

- PITOXYLON [Coniferae].
 ——— *seituatense*. Jeffrey and Chrysler. 4791.
 ——— *statenense*. Jeffrey and Chrysler. 4791.
- PODOZAMITES [Cycadaceae].
 ——— *pachynervis*. Fontaine. 5200.
 ——— *pachyphyllus*. Fontaine. 5200.
- Protopiceoxylon n. gen. [Coniferae].
 ——— *extinctum*. Gothan. 4724.
- Pseudobaiera n. gen. Matthew. 4884.
 ——— *mcintoshii*. Matthew. 4884.
- PTEROPHYLLUM [Cycadaceae].
 ——— *alaskense*. Fontaine. 5200.
 ——— ? *lowryanum*. Ward. 5200.
 ——— *montanense* n. comb. Knowlton. 4811.
- SAMAROPSIS [Cordaitae].
 ——— ? *oregonensis*. Fontaine. 5200.
- SEQUIOA [Coniferae].
 ——— *fairbanksii*. Fontaine. 5200.
 ——— *haydenii* n. comb. Cockerell. 4594.
 ——— ? *inferna* n. nom. Ward. 5200.
- SPHENOLEPIDIUM [Coniferae].
 ——— *oregonense*. Fontaine. 5200.
- WIDDRINGTONITES [Coniferae].
 ——— *fasciculatus*. Hollick. 4771.
- WILLIAMSONIA [Cycadaceae].
 ——— ? *bibbinsii*. Ward. 5200.
 ——— *delawarensis*. Berry. 4472.
 ——— ? *gallinacea*. Ward. 5200.
 ——— *oregonensis*. Fontaine. 5200.
- 6600 *CYCADOFILICES (PTERIDOSPERMEAE)*.
- Pseudocycas n. gen. Nathorst. 4918.
 ——— *insignis*. Nathorst. 4918.
 ——— *pumilio*. Nathorst. 4918.
- SPHENOPTERIS [Filices].
 ——— *bohdanowiczii*. Zalësskij. 5257.
- 6700 *PTERIDOPHYTA*.
- ACROSTICHOPTERIS [Filices].
 ——— *fimbriata*. Knowlton. 4811.
- ADIANTITES [Filices].
 ——— *parvifolius*. Fontaine. 5200.
- ADIANTUM [Filices].
 ——— *montanense*. Knowlton. 4811.
- APHLEBIA [Filices].
 ——— *sub-germari*. Sterzel. 5147.
- ARCHAEOPTERIS [Filices].
 ——— *hitchcockii* n. comb. White. 5216.
- Barinophyton n. gen. [Filices]. White. 5216.
 ——— *perrianum*. White. 5216.
 ——— *richardsoni* n. comb. White. 5216.
- BARRANDEINA [Filices].
 ——— *perriana* n. comb. White. 5216.
- CALAMITINA [Equisetales].
 ——— *ohlsbachensis*. Sterzel. 5147.
- CLADOPHLEBIS [Filices].
 ——— *acuta* var. *angustifolia* n. var. Fontaine. 5200.
 ——— *acutiloba*. Fontaine. 5200.
 ——— *jalcata montanensis* n. comb. Fontaine. 5200.
 ——— *fisheri*. Knowlton. 4811.
 ——— *huttoni* n. comb. Fontaine. 5200.
 ——— *pecopteroides*. Fontaine. 5200.
 ——— *ungeri* n. comb. Ward. 5200.
 ——— *vaccensis*. Ward. 5200.
- DANAEOPSIS [Filices].
 ——— *storrssii*. Fontaine. 5200.
- DICKSONIA [Filices].
 ——— *montanensis*. Fontaine. 5200.
 ——— *oregonensis*. Fontaine. 5200.
 ——— *pachyphylla*. Fontaine. 5200.
- DICTYOPHYLLUM [Filices].
 ——— *spectabile*. Nathorst. 4916.
- DRYOPTERIS [Filices].
 ——— *kootaniensis*. Knowlton. 4811.
- EQUISETITES [Equisetales].
 ——— *peruanus*. Neumann. 4927.
- GLEICHENIA [Filices].
 ——— *delawarensis*. Berry. 4472.
 ——— ? *gilbert-thompsonii*. Fontaine. 5200.

- HAUSMANNIA [Filices].
 ——— *californica*. Fontaine.
 5200.
- LEPIDODENDRON [Lycopodiales].
 ——— *tonderae*. Záleskij. 5257.
- LEPIDOPHYLLUM [Lycopodiales].
 ——— *dubium*. Sterzel. 5147.
- LINOPTERIS [Filices].
 ——— *mayeri*. Sterzel. 5147.
- LYCOPODITES [Lycopodiales].
 ——— *montanensis*. Fontaine.
 5200.
 ——— *zeileri*. Halle. 4743.
 ——— *scanicus*. Halle. 4743.
- MARSILEA [Filices].
 ——— *andersoni*. Hollick. 4772.
- OLEANDRA [Filices].
 ——— *graminaefolia*. Knowlton.
 4811.
- ONOCLEA [Filices].
 ——— *inquirenda* n. comb. Hol-
 lick. 4771.
- ONYCHIOPSIS [Filices].
 ——— *pilotoides*. Ward. 5200.
- OSMUNDA [Filices].
 ——— *delawarensis*. Berry. 4473.
 ——— *montanensis*. Knowlton.
 4810.
 ——— *novae-caesarae*. Berry. 4472.
- OSMUNDITES [Filices].
 ——— *dunlopi*. Kidston &
 Gwynne-Vaughan. 4804.
 ——— *gibbiana*. Kidston &
 Gwynne-Vaughan. 4804.
- PECOPTERIS [Filices].
 ——— *pseuderosa*. Sterzel. 5147.
- POLYPODIUM [Filices].
 ——— *oregonense*. Fontaine. 5200.
- PROTORHIPS [Filices].
 ——— *fisheri*. Knowlton. 4811.
- PSARONIUS [Filices].
 ——— *borealis*. Macbride. 4867.
- PSILOPHYTON [Lycopodiales].
 ——— ? *alcicorne*. White. 5216.
- RHACHIOPTERIS [Filices].
 ——— *pinnata* var. *angustipinna*
 n. var. White. 5216.
- RHODEA [Filices].
 ——— *dissecta* f. *offenburgensis*
 (? n. f.). Sterzel. 5147.
- SAGENOPTERIS [Filices].
 ——— *ataskenus*. Ward. 5200.
 ——— *grandifolia*. Fontaine. 5200.
 ——— *nervosa*. Fontaine. 5200.
 ——— *oregonensis* n. comb. Fon-
 taine. 5200.
 ——— *paucifolia* (Phill.) n. comb.
 Ward. 5200.
- SCLEROPTERIS [Filices].
 ——— *oregonensis*. Fontaine. 5200.
- SELAGINELLA [Filices].
 ——— *marylandica*. Fontaine.
 5200.
- SIGILLARIA [Lycopodiales].
 ——— *boblayi* f. *badensis* (? n. f.).
 Sterzel. 5147.
 ——— *brardei* f. *steinmannii*
 (? n. f.). Sterzel. 5147.
 ——— *calvini*. Macbride. 4867.
 ——— *taramellii*. Vinassa de
 Regny. 5188.
- Sphenasterophyllites** n. gen. [Sphen-
 asterophyllitaceae].
 ——— *diersburgensis*. Sterzel.
 5147.
- SPHENOPTERIS [Filices].
 ——— *subdivaricata*. Sterzel. 5147.
 ——— *subelegans*. Sterzel. 5147.
 ——— *sublanceolata*. Sterzel. 5147.
 ——— *zunsweierensis*. Sterzel.
 5147.
- Sublepidophloios** n. gen. [Lycopodiales].
 Sterzel. 5147.
 ——— *hagenbachensis*. Sterzel.
 5147.
 ——— *lepidodendroides*. Sterzel.
 5147.
- TAENIOPTERIS [Filices].
 ——— ? *oregonensis*. Fontaine.
 5200.
- THINNFELDIA [Filices].
 ——— *marylandica*. Fontaine.
 5200.
- THYRSOPTERIS [Filices].
 ——— *grevillioides* n. comb. Hol-
 lick. 5771.

7000 MUSCI ET HEPATICAE.

- GLYPHOMITRIUM [Musci].
 ——— *cockerelleae*. Britton. 4519.
- MARCHANTIA [Hepaticae].
 ——— *munieri*. Viguier. 5187.

7300 CHARACEAE.

CHARA.

- *pygmaea*. Hartmann. 4749.
 ———— *quinqueradiata*. Hartmann.
 4749.
 ———— *truncata*. Hartmann. 4749.
 ———— *wernerii*. Hartmann. 4749.

SYCIDIUM.

- *volborthii*. Karpinskij. 4801.

TROCHILISCUS.

- *bulbiformis*. Karpinskij.
 4801.
 ———— *ingricus*. Karpinskij. 4801.

7400 ALGAE ET SCHIZO-
PHYCEAE.

COSCINODISCUS.

- *schultzei*. Reichelt. 5024.

CYMBELLA.

- *africana*. Reichelt. 5024.

DIPLOPORA [Algae].

- *rauffi*. Ahlburg. 4421.

EPITHEMIA.

- *media*. Reichelt. 5024.

GRATELOUPIA.

- *bassanii*. Gasparis. 4699.

TAENIOCRADA [Algae].

- *palmata*. White. 5216.

7900 PLANTAE INCERTAE
SEDIS.

CALYCITES.

- *alatus*. Hollick. 4772.

CARDIOCARPUS.

- *acrogeniformis*. Sterzel.
 5147.
 ———— *dubius*. Sterzel. 5147.
 ———— *pachydermus*. Sterzel. 5147.
 ———— *sub-ottonis*. Sterzel. 5147.
 ———— *obovatus*. Hollick. 4771.

CARPITES.

- *alatus*. Knowlton. 4810.
 ———— *judithae*. Knowlton. 4810.
 ———— *pruni*. Knowlton. 4810.

CARPOLITHES.

- *confinis*. White. 5216.
 ———— *crassitestaccus*. Sterzel.
 5147.
 ———— *douglasensis*. Fontaine.
 5200.
 ———— *elongatus*. Fontaine. 5200.
 ———— *euonymoides*. Hollick. 4771.
 ———— *olallensis*. Ward. 5200.
 ———— *oregonensis*. Fontaine. 5200.
 ———— *vaccinioides*. Hollick. 4771.

DIMERIPTERIS.

- *incerta*. White. 5216.
 ———— *recurva*. White. 5216.

Holstia n. gen. Hagström. 4741.

- *splendens*. Hagström. 4741.

LEPIDOCYSTIS.

- *siliqua* n. comb. White.
 5216.

MUNIERINA.

- *eocenica*. Viguier. 5187.

Otidophyton n. gen. White. 5216.

- *hymenophylloides*. White.
 5216.

PACHYTESTA.

- *atenuata*. Sterzel. 5147.

PHYLLITES.

- *denticulata*. Knowlton.
 4810.
 ———— *intricata*. Knowlton. 4810.

PLATYPHYLLUM.

- *rogersi*. White. 5216.

POLYGONOCARPUS.

- *czarnockii*. Zalësskij. 5257.

RHYNCHOGONIOPSIS.

- *neocomiensis*. Neumann.
 4927.

SPORANGITES.

- *jacksoni*. White. 5216.

STROBILITES.

- *perplexus*. Hollick. 4771.

TRICALYCITES.

- *major*. Hollick. 4772.

TRIGONOCARPUS.

- *naumburgensis*. Sterzel.
 5147.
 ———— *parkinsoniformis*. Sterzel.
 5147.
 ———— *subhexagonus*. Sterzel.
 5147.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

- | | | | |
|-------------------------------|----------------------------------|----------------------------------|--------------------------------|
| abbreviata | Aucella; Pavlov. 4977. | acuminatus | Echinocyamus; Capeder. 4543. |
| ———— | Clyptaspis; Eastman. 4650. | acuminatum | Protechma; Sellards. 5095. |
| ———— | Hesperoblatta; Handlirsch. 4745. | acupictus | Plastomenus; Hay. 4752. |
| abbreviatus n. var. | Unio priscus; Stanton. 5131. | acus | Orthoceras; Reis. 5028. |
| abietinus n. comb. | Diornites buchianus; Ward. 5200. | acuticauda | Megalaspis; Schmidt. 5065. |
| abnormalis | Quercus; Berry. 4475. | acutiloba | Cladophlebis; Fontaine. 5200. |
| <i>Acanthodictyon</i> n. gen. | Handlirsch. 4745. | acutus | Psephodus; Branson. 4517. |
| acer | Glossina; Clarke. 4578. | <i>Adeloblatta</i> n. gen. | Handlirsch. 4745. |
| acetaria | Ginkgo; Ward. 5200. | <i>Ademosyne</i> n. gen. | Handlirsch. 4745. |
| <i>Achaetites</i> n. gen. | Handlirsch. 4745. | <i>Adikia</i> n. gen. | Handlirsch. 4745. |
| achiardii | Perisphinctes; Campana. 4536. | adnethicum var. involuta n. var. | Aegoceras; Vadász. 5180. |
| acicularis | Dammari; Knowlton. 4810. | advena | Blastomeryx; Matthew. 4887. |
| <i>Acridomima</i> n. gen. | Handlirsch. 4745. | <i>Adynasia</i> n. gen. | Handlirsch. 4745. |
| acroreniformis | Cardiocarpus; Sterzel. 5147. | aegrum | Hildoceras; Fucini. 4692. |
| <i>Actinoblattula</i> n. gen. | Handlirsch. 4745. | <i>Aenigmatodes</i> n. gen. | Handlirsch. 4745. |
| <i>Actinophlebia</i> n. gen. | Handlirsch. 4745. | aequilatera | Siliqua; Harbort. 4747. |
| aculeata | Collina; Parisch et Viale. 4969. | aequilateralis | Fusus; Weaver. 5202. |
| aculeatum | Coeloceras; Lissajous. 4855. | <i>Aeschnogomphus</i> n. gen. | Handlirsch. 4745. |
| ———— | Loxonema; Mariani. 4869. | aesinense | Sphaeriola; Fucini. 4689. |
| acuminata | Paradoggeria; Handlirsch. 4745. | africana | Cymbella; Reichelt. 5024. |
| | | ———— | Myopsis; Etheridge. 4656. |
| | | ———— | Pseudavicula; Etheridge. 4656. |

- africanus* Scaphites ; Pervinquière. 4989.
agnostica Pleurotomaria ; Beede. 4469.
agnusi Phyloblatta ; Handlirsch. 4745.
Agogoblattina n. gen. Handlirsch. 4745.
alamosensis Lymnaea ; Arnold. 4455.
alaskense Pterophyllum ; Fontaine. 5200.
alaskenus Sagenopteris ; Ward. 5200.
alata Goniophora ; Walther. 5198.
alatus Calycites ; Hollick. 4772.
 ———— Carpites ; Knowlton. 4810.
albaedomus Celastrophyllum ; Ward. 5200.
albani Cyrtoceras ; Clarke. 4578.
 ? *albequus* Allorisma ; Beede. 4469.
 ———— Pleurophorus ; Beede. 4469.
albini Tritonium ; Répelin. 5031.
alcatrazensis n. var. *Spisula catilliformis*. Arnold. 4455.
alcicorne Psilophyton ; White. 5216.
alcis Aviculopecten ; Clarke. 4578.
alexandrae Thalattosaurus ; Merriam. 4897.
alfurica Koninckina ; Wanner. 5199.
alfuricus Belemnites ; Boehm. 4488.
 ———— Macrocephalites ; Boehm. 4488.
Allognosis n. gen. Handlirsch. 4745.
alluaudi Acanthoceras ; Boule, Lemoine & Thévenin. 4505.
almerai Axosmia ; Angelis d'Ossat. 4448.
 ———— Convexastraea ; Angelis d'Ossat. 4448.
 ———— Lepralia ; Neviani. 4929.
alnoidea Sorbus ; Menzel. 4894.
alpina n. var. *Phillipsia pulchella* ; Gortani. 4714.
alta Hologyra ; Ahlburg. 4421.
alternata Liopistha ; Weller. 5214.
altimuralis Escharinella ; Weller. 5214.
alutacea Mammia ; Handlirsch. 4745.
 ———— Procercopsis ; Handlirsch. 4745.
 ———— Phyloblatta ; Handlirsch. 4745.
 ———— Schizoblatta ; Handlirsch. 4745.
alvaensis Bulimorpha ; Beede. 4469.
Amarodes n. gen. Handlirsch. 4745.
amarus Pachydiscus ; Paulcke. 4975.
ambigua Fibularia ; Capeder. 4543.
 ———— Trachynerita ; Caneva. 4538.
ambulans Spaniodera ; Handlirsch. 4745.
ameghinoi Perimys ; Scott. 5089.
americana Berenicea ; Weller. 5214.
 ———— Halter ; Cockerell. 4593.
 ———— Oryctoblattina ; Handlirsch. 4745.
americanus Deiphon ; Weller. 5213.
amii Schizophoria ; Clarke. 4578.
annicola Platypeltis ; Hay. 4752.
Amorphoblatta n. gen. Handlirsch. 4745.
amphibius n. var. *Hippopotamus robustus*. Fraas. 4677.
amphiura Cytherura ; Neviani. 4932.
amplexa Beachia ; Clarke. 4578.
amplus Populites ; Knowlton. 4810.
annulata Pleurotomaria ; Sieberer. 5100.
Anachisma n. gen. Branson. 4518.
Anacolopectera n. gen. Handlirsch. 4745.
Anagyrius n. gen. Handlirsch. 4745.
analis Metryia ; Handlirsch. 4745.
Anapiptus n. gen. Handlirsch. 4745.
anaroides Cerithium ; Schmidt. 5066.

- anceps Metopotoxus; Scott. 5089.
 ——— Xylechinites; Hagedorn. 4738.
- ancilla Blattula; Handlirsch. 4745.
- andersoni Aucella; Pavlov. 4977.
 ——— Bubalus; Scott. 5091.
 ——— Entolium; Etheridge. 4656.
 ——— Heptanchias; Jordan. 4795.
 ——— Lystrosaurus; Broom. 4528.
 ——— Marsilea; Hollick. 4772.
- andinus Inoceramus; Wilckens. 5231.
- Anepismus* n. gen. Handlirsch. 4745.
- angelensis n. var. Priene oregonensis; Arnold. 4455.
- angeliacense Mesodiadema; Valette. 5182.
- Angelinella* n. gen. Handlirsch. 4745.
- anglica Glaphoptera; Handlirsch. 4745.
 ——— Hagla; Handlirsch. 4745.
- anglicanum Palaeodictyopteron; Handlirsch. 4745.
- anglicus Hadrocephalus; Handlirsch. 4745.
 ——— Homopterites; Handlirsch. 4745.
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LIST OF ABBREVIATIONS WITH TITLES OF THE JOURNALS.

<i>Acireale, Rend. Mem. Acc. Zelanti</i>	Rendiconti e Memorie della R. Accademia degli Zelanti, Acireale.	1 It.
<i>Albany Univ., N.Y., St. Educ. Dept., Mus. Bull.</i>	New York State Education Department. New York State Museum Bulletin, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., St. Educ. Dept. Mus. Mem.</i>	New York State Education Department, New York State Museum Memoirs, Albany, N.Y.	5 U.S.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Mus. J., New York, N.Y.</i>	The American Museum Journal. American Museum of Natural History, New York, N.Y.	554 U.S.
<i>Amer. Nat., Boston, Mass....</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Proc. Sci. K. Akad. Wet.*</i>	Proceedings of the Sections of Sciences, Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo.	3 Hol.
<i>Amsterdam, Tijdschr. K. Ned. Aardr. Gen.</i>	Tijdschrift van het Koninklijk Nederlandsch Aardrijkskundig Genootschap, Amsterdam. 8vo.	4 Hol.
<i>Amsterdam, Verh. K. Akad. Wet., 2^e Sect.</i>	Verhandelingen der Koninklijke Akademie van Wetenschappen, 2 ^e Sectie (Natuurhistorische, Geologische en Medische Wetenschappen), Amsterdam. 8vo.	6 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo.	7 Hol.
<i>Anat. Anz., Jena ...</i>	Anatomischer Anzeiger. Centralblatt für die gesammte wissenschaftliche Anatomie, hrsg. v. v. Bardeleben. Jena. [zwanglos.] Nebst Ergänzungsheften.	40 Ger.
<i>Angers, Bul. soc. étud. sci.</i>	Bulletin de la société d'études scientifiques d'Angers (Maine-et-Loire). [annuel.]	33 Fr.

<i>Ann. Bot., Roma</i>	Annali di Botanica pubblicati dal prof. Romualdo Pirotta, Roma.	268 It.
<i>Ann. géol. minér., Novo-Aleksandria</i>	Ежегодникъ по геологій и минералогіи Россіи. Ново-Александрія [Annuaire géologique et minéralogique de la Russie. Novo-Aleksandria].	— Rus.
<i>Ann. Mus., Marseille</i> ...	Annales du Musée de Marseille, Marseille.	— Fr.
<i>Ann. Natal Govt. Mus., London</i>	Annals of the Natal Government Museum, London.	— S. Afr.
<i>Ann. paléont., Paris</i> ..	Annales de Paléontologie publiées sous la direction de Marcellin Boule. Paris. (Masson.) 28 cm.	— Fr.
<i>Ann. Univ. Grenoble, Paris</i>	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres, et par l'école de médecine. Paris. [trois numéros par an.]	81 Fr.
<i>Anthr., Paris</i>	Anthropologie. (Réunion des Matériaux pour l'histoire de l'homme, de la Revue d'anthropologie, et de la Revue d'ethnographie. Dir. Boule et Verneau. Paris. [bimestr.]	103 Fr.
<i>Arch. Biont., Berlin</i>	Archiv für Biontologie. Hrsg. v. d. Gesellschaft naturforschender Freunde in Berlin. Berlin. [zwanglos.]	— Ger.
<i>Arch. Hydrobiol., Berlin</i> ...	Archiv für Hydrobiologie und Planktonkunde. (N. F. der Forschungsberichte a. d. biolog. Station zu Plön.) Hrsg. v. O. Zacharius. Berlin. [$\frac{1}{4}$ jährl.]	— Ger.
<i>Arch. Natg., Berlin</i> ...	Archiv für Naturgeschichte, hrsg. v. Hilgendorf. Berlin. [6 H. jährl.]	78 Ger.
<i>Arch. Protistenkunde, Jena</i>	Archiv für Protistenkunde, hrsg. v. F. Schaudinn. Jena.	1284 Ger.
<i>Ark. Bot., Stockholm</i> ...	Arkiv för botanik utgifvet af K. Svenska Vetenskapsakademien i Stockholm. 8vo.	— Swe.
<i>Ark. Zool., Stockholm</i> ...	Arkiv för zoologi uttgifvet af K. Svenska Vetenskapsakademien i Stockholm. 8vo.	— Swe.
<i>Aus d. Natur, Leipzig</i> [früher Stuttgart]	Aus der Natur. Zeitschrift für alle Naturfreunde. Hrsg. v. W. Schoenichen. Leipzig [früher Stuttgart].	— Ger.
<i>Auxerre, Bul. soc. sci. nat.</i>	Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne).	152 Fr.
<i>Avignon, Mém. Acad.</i> ...	Mémoires de l'Académie de Vaucluse. Avignon (Vaucluse). [trimestr.]	157 Fr.
<i>Baltimore, Md., Johns Hopkins Univ. Cir.</i>	Johns Hopkins University Circulars, Baltimore, Md.	36 U.S.

<i>Basel, Abh. Schweiz. Pal. Ges.</i>	Abhandlungen der schweizerischen paläontologischen Gesellschaft. Mémoires de la Société paléontologique suisse. Basel und Genf. 4to.	2 Swi.
<i>Basel, Verh. Natf. Ges. ...</i>	Verhandlungen der naturforschenden Gesellschaft in Basel. Basel. 8vo.	11 Swi.
<i>Beauvais, Bul. soc. hist. sci.</i>	Bulletin de la société historique et scientifique de Beauvais. Beauvais.	— Fr.
<i>Ber. Vers. oberrhein. geol. Ver., Stuttgart</i>	Berichte über die Versammlungen des oberrheinischen geologischen Vereins. Stuttgart. [zwangl.]	— Ger.
<i>Berkeley, Univ. Cal., Bull. Dept. Geol.</i>	University of California. Bulletin of the Department of Geology, Berkeley.	40 U.S.
<i>Berkeley, Univ. Cal., Pub. Amer. Archaeol. Ethnol.</i>	University of California Publications American Archaeology and Ethnology. Berkeley, Cal.	— U.S.
<i>Berlin, Abh. Ak. Wiss. ...</i>	Abhandlungen der kgl. Akademie der Wissenschaften zu Berlin. Berlin. [jähr.]	152 Ger.
<i>Berlin, Abh. geol. Landesanst.</i>	Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2-8 H. jähr.]	154 Ger.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, Jahrb. geol. Landesanst.</i>	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jähr.]	171 Ger.
<i>Berlin, Monatsber. D. geol. Ges.</i>	Monatsberichte der deutschen geologischen Gesellschaft. Berlin. [monatl.]	— Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jähr. in zwangl. H.]	183 Ger.
<i>Berlin, Zs. D. geol. Ges. ...</i>	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jähr.]	199 Ger.
<i>Biol. Centralbl., Berlin ...</i>	Biologisches Centralblatt, hrsg. v. Rosenthal. Berlin. [$\frac{1}{2}$ monatl.]	226 Ger.
<i>Biologica, Torino ...</i>	Biologica, Raccolta di Scritti di Biologia, Torino.	— It.
<i>Boll. Naturalista, Siena ...</i>	Bollettino del Naturalista, Siena...	33 It.
<i>Boll. paleon. ital., Parma ...</i>	Bollettino di Paleontologia italiana, Parma.	— It.
<i>Bologna, Mem. Acc. sc. ...</i>	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bonn, Verh. nathist. Ver. ...</i>	Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande, Westfalens u. d. Reg.-Bez. Osnabrück. Nebst Sitzungsberichten der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn. [jähr. in je 2 Hälften.]	238 Ger.

<i>Bordeaux, Actes soc. linn....</i>	Actes de la société linnéenne de Bordeaux (Gironde). [trimestr.]	184 Fr.
<i>Boston, Mass., Proc. Soc. Nat. Hist.</i>	Proceedings of the Boston Society of Natural History, Boston, Mass.	61 U.S.
<i>Bot. Gaz., Chicago, Ill. ...</i>	Botanical Gazette. Chicago, Ill. ...	64 U.S.
<i>Bot. Jahrb., Leipzig ...</i>	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
<i>Boulder, Univ. Colo. Stud....</i>	The University of Colorado Studies. Boulder, Colo.	572 U.S.
<i>Boulogne-sur-mer, Bul. Soc. acad.</i>	Bulletin de la société académique. Dir. H. Réveille. Boulogne-sur-mer (Pas de Calais). [trimestr.]	191 Fr.
<i>Brandenburgia, Berlin ...</i>	Brandenburgia. Monatsblatt der Gesellschaft für Heimathkunde der Provinz Brandenburg zu Berlin. Berlin. [monatl.]	246 Ger.
<i>Breslau, Jahresber. Ges. vaterl. Cultur</i>	Jahresbericht der schlesischen Gesellschaft für vaterländische Cultur. Breslau. [jähr.]	258 Ger.
<i>Bul. Muséum, Paris ...</i>	Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.]	237 Fr.
<i>Bul. sci. France Belgique, Paris</i>	Bulletin scientifique de la France et de la Belgique. Dir. Giard. Paris. [annuel.]	245 Fr.
<i>Caen, Bul. soc. linn. ...</i>	Bulletin de la société linnéenne de Normandie. Caen (Calvados) [trimestr.]	249 Fr.
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<i>Cape Town, Rep. S. Afric. Ass.</i>	Report of the South African Association for the Advancement of Science, Cape Town.	— S. Afr.
<i>Catania, Atti Acc. Gioenia</i>	Atti dell' Accademia Gioenia di scienze naturali, Catania.	48 It.
<i>Catania, Bull. Acc. Gioenia</i>	Bullettino delle sedute dell' Accademia Gioenia di scienze naturali, Catania.	49 It.
<i>Chalon-sur-Saône, Bul. soc. sci. nat.</i>	Bulletin de la société des sciences naturelles de Saône-et-Loire. Chalon-sur-Saône (Saône-et-Loire). [mensuel.]	260 Fr.
<i>Charleville, Bull. soc. hist. nat.</i>	Bulletin de la Société d'histoire naturelle des Ardennes. Charleville (Ardennes).	264 Fr.
<i>Chicago, Ill., Field Columb. Mus., Pub. Geol. Ser.</i>	Field Columbian Museum Publication. Geological Series. Chicago, Ill.	108 U.S.
<i>Centralbl. Min., Stuttgart ...</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Connecticut, Geol. Nat. Hist. Surv., Bull., Hartford</i>	Connecticut State Geological and Natural History Survey. Bulletin. Hartford.	— U.S.

<i>D. ent. Zs., Berlin ...</i>	... Deutsche entomologische Zeitschrift, hrsg. v. d. deutschen entomologischen Gesellschaft in Verbindung m. Dr. Kraatz u. d. Gesellschaft Iris in Dresden. Berlin, Nicolai. [3 H. jährl.]	331 Ger.
<i>D. Monatschr. Zahnheilk., Leipzig</i>	Deutsche Monatsschrift für Zahnheilkunde, red. v. Parreidt. Leipzig. [monatl.]	365 Ger.
<i>Danzig, Ber. nat hist. Samml.</i>	Amtlicher Bericht über die Verwaltung der naturhistorischen, archaeologischen und ethnologischen Sammlungen des westpreussischen Provinzial-Museums. Danzig. [jährl.]	— Ger.
<i>Danzig, Schr. natf. Ges. ...</i>	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwanglos.]	394 Ger.
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<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jährl.]	507 Ger.
<i>Geol. Mag., London ...</i>	Geological Magazine, London ...	134 U.K.

<i>Geol. Surv. Can., Ottawa</i> ...	Geological Survey of Canada, Annual Reports of the Director, Ottawa.	11 Can.
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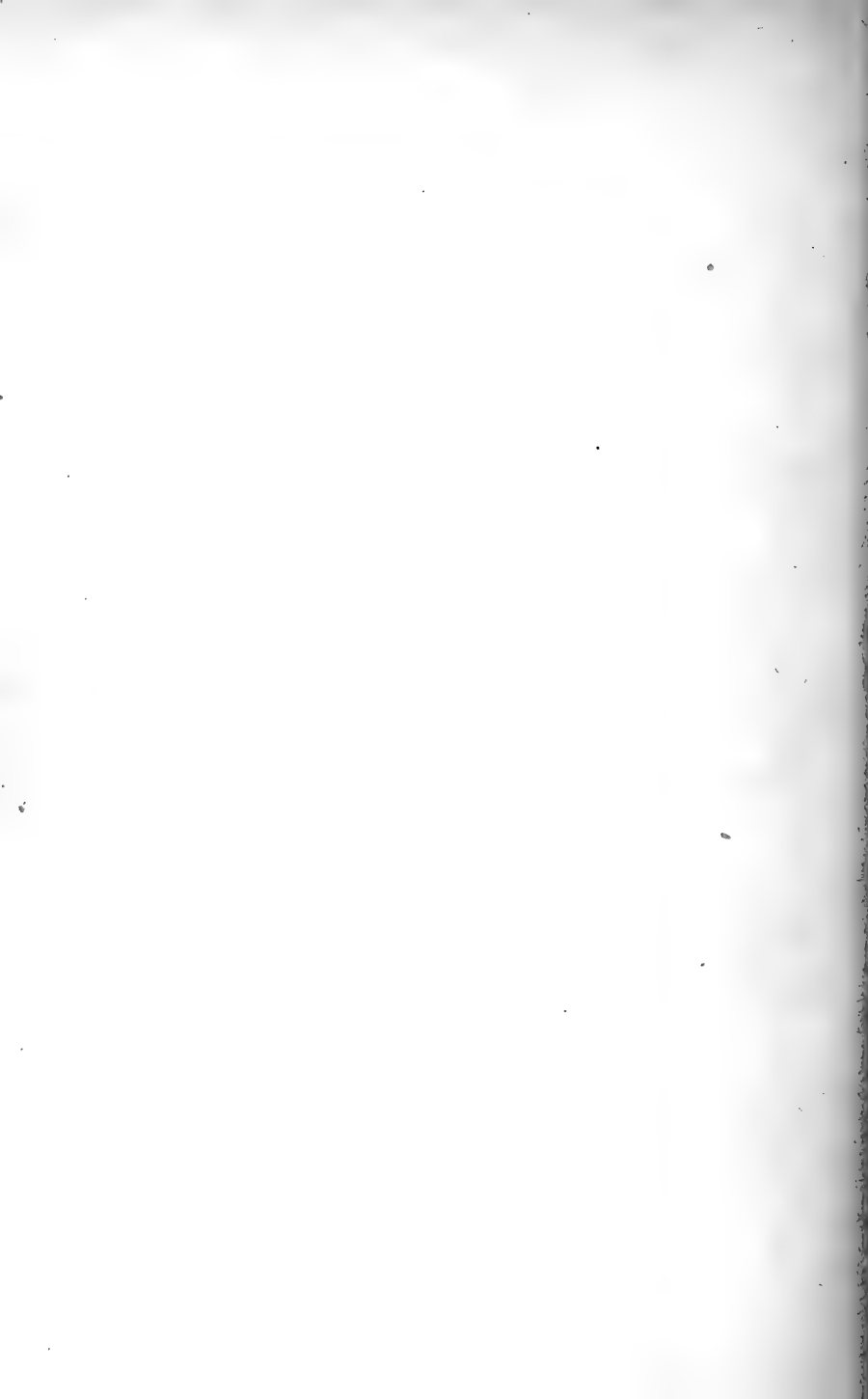
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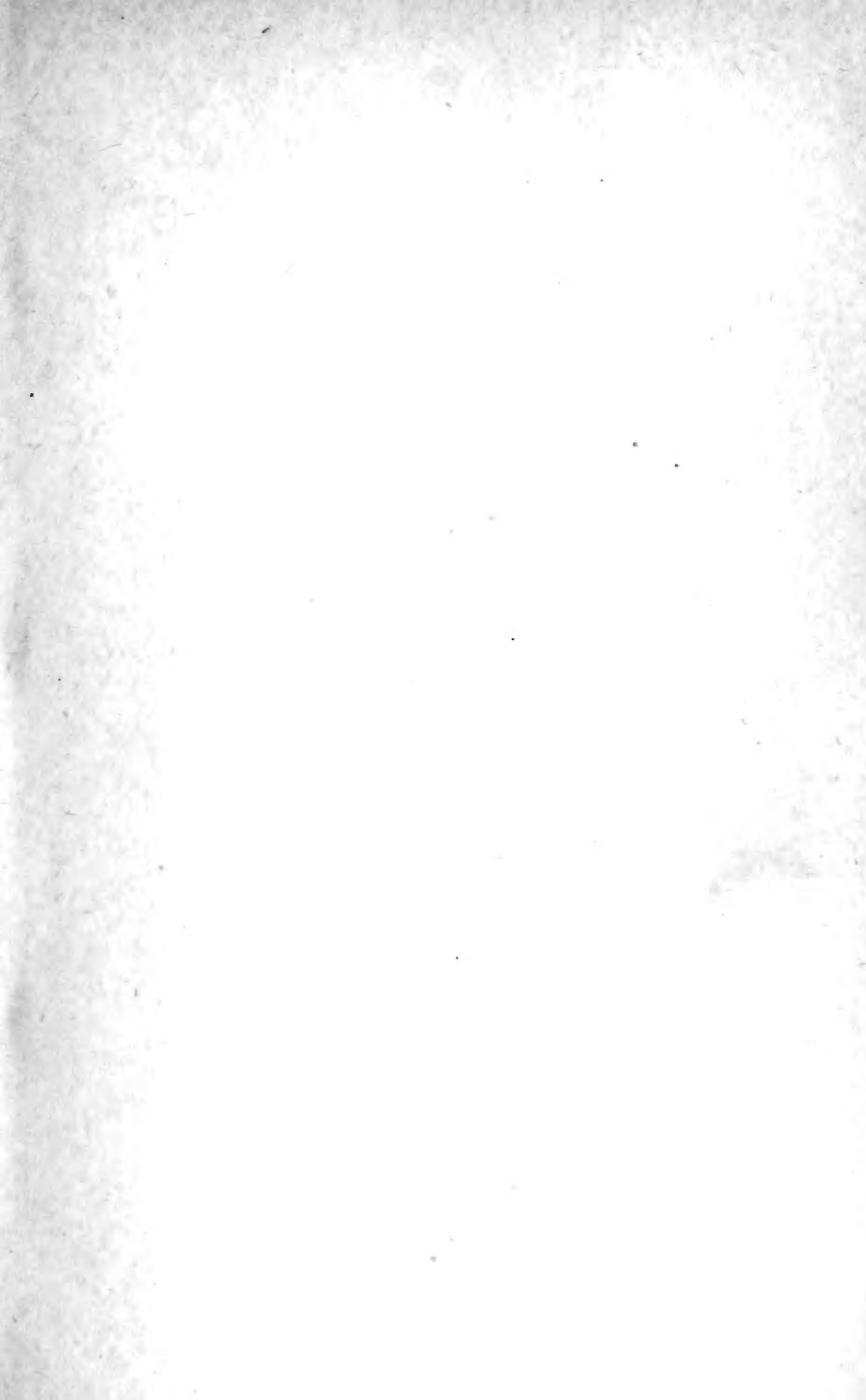
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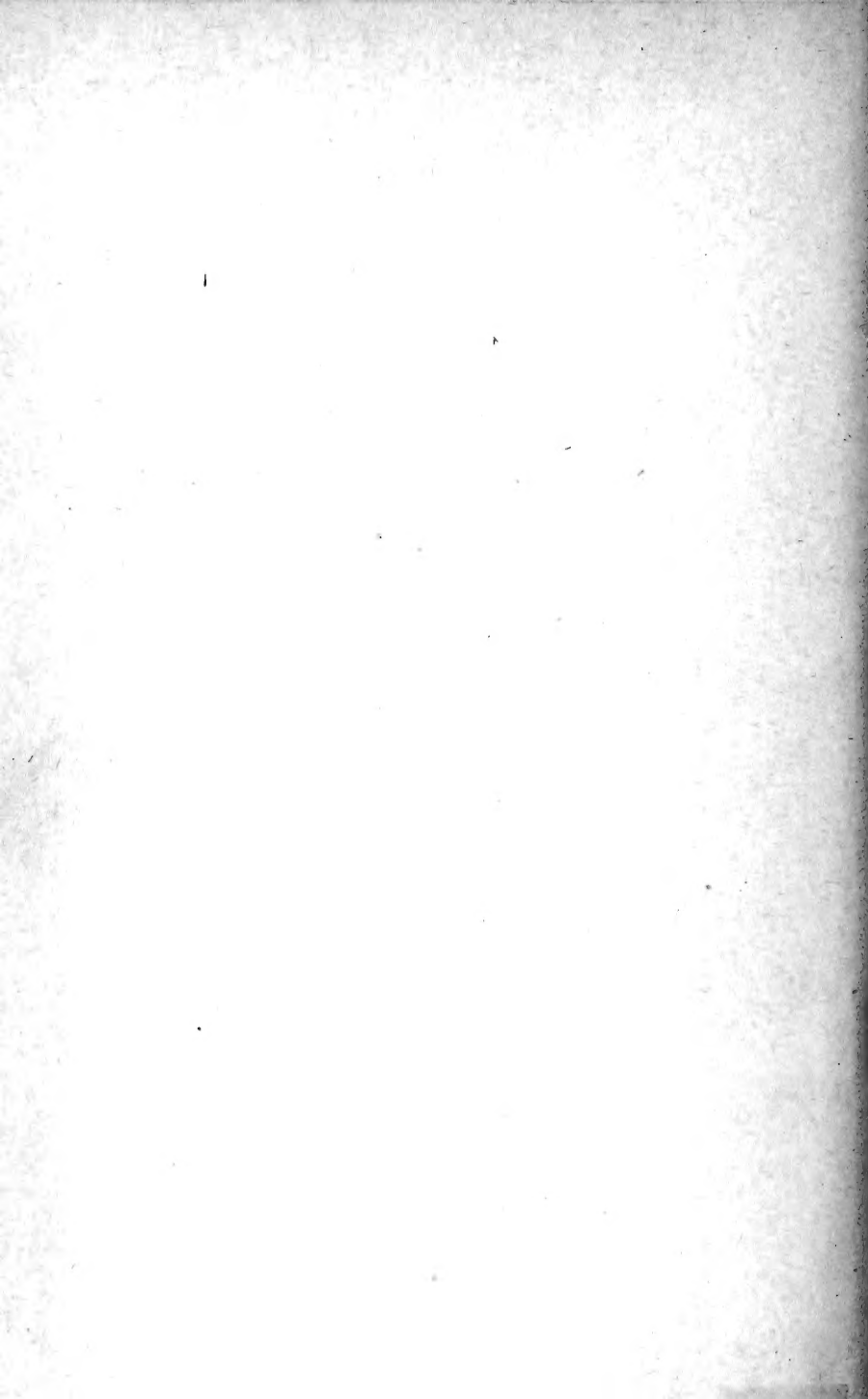
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