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LIST OF TYPE SPECIMENS OF FISHES, AMPHIBIANS AND REPTILES IN THE ZOOLOGICAL MUSEUM, UNIVERSITY OF OSLO

PER PETHON

This list has been compiled according to the recommendations given in the International Code of Zoological Nomenclature and by ICOM.

The collection of type specimens embraces 62 species of fishes, 4 species of amphibians and 5 species of reptiles. Fishes from the North Atlantic, North Pacific and the NW Australian areas dominate the collection.

Specimens described and labelled as types, but which have shown not to be types, viz. *Aphanopus minor* Collett, 1886; *Argyreiosus pacificus* Lockington, 1877; *Eleotris dalayensis* Rendahl, 1922; *Gobius fallax* Sarato, 1889; *Gobius orca* Collett, 1874; *Lycodes agnostus* Jensen, 1901; *Scatophagus quadranus* De Vis, 1855; *Scatophagus ætate-variants* De Vis, 1885; *Terapon alligatoris* Rendahl, 1922 (Pisces) and *Egernia dahlui* Boulenger, 1896; *Typhlops nigricauda* Boulenger, 1895 (Reptilia), are also included in the list (with small print).

The type nomenclature of the International Code of Zoological Nomenclature is used. Within each order (fishes after Jordan 1963, amphibians and reptiles after Mertens and Wermuth 1960) the species are arranged alphabetically according to the names given in the original descriptions. When a name has been placed in synonymy later, the present name is added, with a reference to the paper in which the transfer was made. I do not claim to have traced all nomenclatural changes.

In cases where an obvious reason exists to select one of the syntypes as the type specimen, i.e. a specimen labelled as «type» by the author of the name, a specimen represented in a figure in the original description or later papers including the type material and the description, such a lectotype has been chosen. The remainder of the type series is then referred to as paralectotypes. When no indication of holo- or lectotype exists, nor an obvious justification for the choice of a lectotype, the material is simply referred to as syntypes. In these cases it seems preferable to leave the selection of a lectotype to future revisers.

All type material in other collections, collected or described by Norwegian scientists, is mentioned, and for the others a reference is given to the collection containing the main part of the type series. A number in brackets after a museum-number refers to the number of specimens in that sample. The following abbreviations are used:

BMNH	— British Museum of Natural History, London
CMNM	— Museo Civico di Storia Naturale, Milano
MNHN	— Museum National d'Histoire Naturelle, Paris
NHMS	— Natural History Museum, Stanford University
NMG	— Naturhistoriska Museet, Göteborg
NMW	— Naturhistorisches Museum, Wien
NRMS	— Naturhistoriska Riksmuseet, Stockholm
QM	— Queensland Museum, Brisbane
USMN	— U. S. National Museum of Natural History, Washington
ZMB	— Zoologisk Museum, University of Bergen
ZMH	— Zoologisches Museum, Hamburg
ZMK	— Zoologisk Museum, University of København
ZMO	— Zoologisk Museum, University of Oslo

PISCES

EUSELACHII

Pristiurus murinus Collett, 1904 (p. 4)

= *Galeus murinus* (Collett), vide Bigelow & Schroeder 1948, p. 214.

Holotype: ZMO J22 (juv.), alcohol; 150 km NW of the Hebrides 11/VIII—1902 — depth: 1100–1300 m (coll.: Michael Sars Exp. 1902, stat. 76).

Remarks: Holotype figured in Collett 1905 a, Pl. I. fig. 3.

TECTOSPONDYLI

Etmopterus princeps Collett, 1904 (p. 1)

Syntypes: ZMO J65 (♀) alcohol; 150 km NW of the Hebrides, 12/VIII—1902 — depth: 1100 m (coll.: Michael Sars Exp. 1902, stat. 76).
ZMO J64 (2 juv.), alcohol; 150 km SW of the Faroes 14/VIII—1902 — depth: 705 m (coll. Michael Sars Exp. 1902, stat. 79 b).
ZMB 3496 (♀).

Remarks: Bigelow & Schroeder (1948, p. 488) placed *E. princeps* as synonymous with *E. spinax*, but later Bigelow, Schroeder & Springer (1953, p. 246) rank it as a distinct species.

BATOIDEI

Raja hyperborea Collett, 1879 (b, p. 7)

Holotype: ZMO J3134 (♂) alcohol; 115 km W of Norskøyan, Spitsbergen 14/VIII-1878 - depth: 839 m (coll.: Norwegian N. Atlantic Exp. 1876-1878, stat. 362).

Remarks: Holotype figured in Collett 1880, Pl. I, figs. 1-2.

Raja nidrosiensis Collett, 1882 (p. 1, Pl. 1)

Syntypes: ZMO J6339 (♂) stuffed (in very poor condition); Munkholmen, Trondheimsfjord April 1881.

Remarks: The description of this species was based on three specimens (2♀, 1♂), all of which are stated by Collett to be stored at ZMO. The two females, however, are not to be found and must be regarded as lost.

CHIMAEROIDEI

Chimaera (Batylopes) mirabilis Collett, 1904 (p. 5)

= *Hydrolagus mirabilis* (Collett), vide Bigelow & Schroeder 1953, p. 533.

Lectotype: ZMO J133, alcohol; 150 km NW of the Hebrides 11/VIII-1902 - depth: 1100 m (coll.: Michael Sars Exp. 1902, stat. 76).

Paralectotypes: ZMO J131, alcohol; locality as for lectotype.

ZMO J132, alcohol; 150 km SW of the Faroes 14/VIII-1902 - depth: 750-840 m (coll.: Michael Sars Exp. 1902, stat. 79 and 79 b).

ZMB 1828.

Remarks: Lectotype figured in Collett 1905 a, Pl. I, figs. 4. The fifth types specimen: in ZMK.

ISOSPONDYLI

Argyropelecus elongatus Esmark, 1871 (p. 489)

Holotype: ZMO J650, alcohol; Chinese Ocean 1869 (coll.: Capt. Thoresen).

Astronesthes luetkeni Regan & Trewavas, 1929 (p. 16., fig. 5)

Holotype: ZMO J5580, alcohol; Indian Ocean (arrived at ZMO in 1878) (coll.: Capt. Thoresen).

Remarks: Holotype originally figured in Lütken 1892, Tab. III, figs. 1-2, as *Astronesthes Richardsonii* Poey, 1851.

Regan & Trewavas wrongly give the type locality as Pacific Ocean.

Gonostoma microdon Günther, 1878 (p. 187)

= *Cyclothone microdon* (Günther), vide Goode & Bean 1895, p. 99.

Paralectotypes: ZMO J658 (2; in poor condition), alcohol; off Pernambuco, S. Atlantic Ocean 9/IX-1873 — depth: 1271 m (coll.: Challenger Exp. stat. 120).

BMNH 1887.12.7.173 (1), 1887.12.7.175 (1), 1887.12.7.178 (1), 1887.12.7.179 (1).

Lectotype: BMNH 1887. 12.7.174.

Maurolicus tripunctulatus Esmark, 1871 (p. 489)

= *Valenciennellus tripunctulatus* (Esmark), vide Jordan & Evermann 1896, p. 577.

Holotype: ZMO J672, alcohol; Madagascar (coll.: Capt. H. Dahl).

Remarks: Holotype figured in Lütken 1892, Tab. I, fig. 6.

Xenodermichthys socialis Vaillant, 1888 (p. 162, Pl. XIII, fig. 1)

Syntypes: ZMO J647, alcohol; Banc d'Arguin, Senegal 1883 — depth: 1230 m (coll.: Talisman, stat. XCV).

MNH 85-218 (1), 85-170 to 85-181 (12), 85-205 to 85-217 (13).

APODES

Cryptopterus lumholtzi Rendahl, 1922 (b, p. 200)

Holotype: ZMO J5310, alcohol; Bulungan, NE Borneo 1914 (coll.: C. Lumholtz).

EVENTOGNATHI

Puntius pulcher Rendahl, 1922 (b, p. 203)

Holotype: ZMO J5309, alcohol; Bulungan, NE Borneo 1914 (coll.: C. Lumholtz).

Remarks: The paratype is missing.

NEMATOGNATHI

Anodontiglanis dahli Rendahl, 1922 (a, p. 169, fig. 2-3)

Holotype: ZMO J361, alcohol; Glencoe, NW Australia Jan. 1895 (coll.: K. Dahl).

Paratypes: ZMO J5235, alcohol; Daly River, NW Australia July 1894 (coll.: K. Dahl).

RMS 10440 (1).

Copidoglanis glencoensis Rendahl, 1922 (a, p. 170, fig. 4)

Lectotype: ZMO J5254, alcohol; Glencoe, NW Australia Jan. 1895 (coll.: K. Dahl).

Paralectotypes: ZMO J387, alcohol; Daly River, NW Australia 1/VIII-1894 (coll.: K. Dahl).

ZMO J6340 (7), alcohol; data as for lectotype.

RMS 10442 (2).

Remarks: The types from Daly River are said by Rendahl (p. 170) to be caught July 1894. On the label, however, is written 1/VIII—1894. For the Glencoe specimens the year is misprinted as 1893, but should be 1895.

Copidoglanis obscurus Rendahl, 1922 (a, p. 173, fig. 5)

Lectotype: ZMO J6341, alcohol; Glencoe, NW Australia 1893 (coll.: K. Dahl).

Paralectotypes: ZMO J5253 (8), alcohol; Hermit Hill 18/VIII—1894 (coll.: K. Dahl).

RMS 10451 (3).

Remarks: For paratypes only one locality, Hermit Hill, is given on the label, while two localities, viz. Glencoe and Hermit Hill, are given by Rendahl (p. 173).

INIOMI

Lampadena chavesi Collett, 1905 (b, p. 728)

Holotype: ZMO J693, alcohol; off the Azores.

Scopelus colletti Lütken, 1892 (p. 249, fig. 7)

= *Benthosema colletti* (Lütken), vide Goode & Bean 1895, p. 78.

Lectotype: ZMO J710, alcohol; 6 000 km W of Cape Horn, S. America, 1884 (coll.: Capt. Steinert).

Paralectotype: ZMK P 2316964.

ANACANTHINI

Halargyreus affinis Collett, 1904 (p. 6)

Syntypes: ZMO J2022, alcohol; 150 km NW of the Hebrides 11/VIII—1902 — depth: 1100–1300 m (coll.: Michael Sars Exp. 1902, stat. 76).

ZMO J2021 (2), alcohol; 150 km SW of the Faroes 14/VIII—1902 — depth: 750 m (coll.: Michael Sars Exp. 1902, stat. 79).
ZMB 1644 (1), and 1808 (1).

Remarks: Typefigure in Collett 1905a, Pl. II, fig. 6.

Motella septentrionalis Collett, 1875 (a, p. 82)

= *Ciliata septentrionalis* (Collett), vide Svetovidov 1948, p. 92.

Lectotype: ZMO J5052, alcohol; Florø, W. Norway July 1873 — depth: 38–95 m (coll.: G. O. Sars).

Paralectotype: ZMO J5053, alcohol; Bodø, N. Norway Aug. 1874 — depth: 56 m (coll.: G. O. Sars).

Remarks: Lectotype figured in Collett 1875b, Pl. II.

HETEROSOMATA

Limanda proboscidea Gilbert, 1896 (p. 460)

= *Limanda punctatissima proboscidea* Gilbert, vide Rendahl 1931, p. 71.

Syntypes: ZMO J1861, alcohol; Bristol Bay, Alaska June 1890 — depth: 20–40 m (coll.: Albatross Exp. 1890–91, stat. 3239).
NHMS 3089 (2), and 3087 (1).

Rhinoplagusia australis Rendahl, 1922 (a, p. 190)

= *Paraplagusia guttata* MacLeay, 1878; vide Weber & Beaufort 1929, p. 185.

Holotype: ZMO J5232, alcohol; Roebuck Bay, NW Australia 1894–95 (coll.: K. Dahl).

PERCOMORPHI

Ambassis dalyensis Rendahl, 1922 (a, p. 187)

Holotype: ZMO J2145, alcohol; Daly River, NW Australia July 1894 (coll.: K. Dahl).

Paratype: ZMO J5233, alcohol; same data as for holotype.

Remarks: One paratype is missing.

Aphanopus minor Collett, 1886 (a, p. 1 & fig.)

= *Aphanopus carbo* Lowe, 1839, vide Tucker 1956, p. 83.

Holotype: ZMO J1797 (♂), alcohol; East coast of Greenland (65° N, 31° W) 4/VII-1886 (coll.: Capt. Pedersen).

Argyreiosus pacificus Lockington, 1877 (p. 84)

= *Scelene romer* Linne, 1758, vide Lockington 1881, p. 114.

Syntype: ZMO J1735, alcohol; Lower California.

Brama raschii Esmark, 1862 (p. 238, Pl. I)

= *Taractes raschii* (Esmark), vide Bigelow & Schroeder 1929, p. 43.

Holotype: ZMO J4612, alcohol; Altafjord, N. Norway 1860 (coll.: dr. Scheel).

Remarks: Esmark gives the type locality as: neighbourhood of Hammerfest (N. Norway).

Craterocephalus capreolus Rendahl, 1922 (a, p. 175, fig. 6)

Holotype: ZMO J993, alcohol; Roebuck Bay, NW Australia 10/XI–1895 (coll.: K. Dahl).

Paratype: RMS 10444.

Rhombosoma trifasciata Rendahl, 1922 (a, p. 182)

Holotype: ZMO J995, alcohol; Mary River, NW Australia June 1895 (coll.: K. Dahl).

Scatophagus ætate-variens De Vis, 1885 (p. 456)

= ? *Scatophagus multifasciatus* Richardson, 1844, vide Weber & Beaufort 1936, p. 10.

Syntypes: ZMO J2350, alcohol; Moreton Bay, Queensland, Australia.

QM I. 96 (1).

Scatophagus quadranus De Vis, 1885 (p. 455)

= *Scatophagus argus* (Bloch, 1788), vide Weber & Beaufort 1936, p. 7.

Syntype: ZMO J2357, alcohol; Mackay, Queensland, Australia.

Terapon alligatoris Rendahl, 1922 (a, p. 185)

= *Therapon bancrofti* Ogilby & McCulloch, 1916; Mees in litt.

Paratypes: ZMO J5230, alcohol; McKinley River, NW Australia Aug. 1895 (coll.: K. Dahl).

RMS 10439 (1).

Remarks: Holotype is missing.

CATAPHRACTI

Acanthocottus laticeps Gilbert, 1896 (p. 422, Pls. 26–27)

= *Megalocottus platycephalus laticeps* (Gilbert), vide Taranets 1937, p. 115.

Syntypes: ZMO J1399, alcohol; Nushagak River, Alaska 3/VI–1890 (coll.: Albatross Exp. 1890–91).

NHMS 3016 (4). USNM 48651 (1)

Acanthocottus sellaris Gilbert, 1896 (p. 419)

= *Microcottus sellaris* (Gilbert), vide Schmidt 1940, p. 379.

Syntypes: ZMO J1401, alcohol; Bristol Bay, Alaska 2/VI–1890 — depth: 19–20 m (coll.: Albatross Exp. 1890–91, stat. 3232).

ZMO J1402 (3), alcohol; Bristol Bay, Alaska, May 1890 (coll.: Albatross Exp. 1890–91, stat. 3229).

NHMS 2847 (35), and 2846 (24). USNM 48575 (3).

Agonus gilberti Collett, 1894 (p. 670, Pl. XLV)

= *Podothecus gilberti* (Collett), vide Jordan & Evermann 1898, p. 2058.

Lectotype: ZMO J6342, alcohol; Kamtschatka (coll.: anon. Norwegian sailor, specimens sent to ZMO by H. Lund).

Paralectotypes: ZMO J1332 (1), J1333 (1) and J1334 (5. in bad condition).
Locality as for lectotype.

NHMS 2783 (2).

Arteidiellus pacificus Gilbert, 1896 (p. 416)

Syntypes: ZMO J1403 (12), alcohol; Bristol Bay, Alaska (coll.: Albatross Exp. 1890–91, stat. 3302).

ZMO J1404 (10), alcohol; Bristol Bay, Alaska (coll.: Albatross Exp. 1890–91, stat. 3306).

NHMS 2605 (41), 2602 (5), and 2604 (29). USNM 48605 (1), 48657 (6), 48658 (3), 48757 (1), 48664 (2), and 59410 (5).

Cottunculus microps Collett, 1875 (b, p. 20, Pl. I, figs. 1–3)

Holotype: ZMO J4128, alcohol; Hasvig, Sørøy, N. Norway Aug. 1872 — depth: 376 m. (coll.: G. O. Sars).

Remarks: Collett gives date as Aug. 1874 in the description.

Cottus aleuticus Gilbert, 1896 (p. 418)

Syntypes: ZMO J1417, alcohol; Iliuliuk, Unalaska, Bering Sea (coll.: Albatross Exp. 1890–91).

NHMS 2610 (19). USNM 48716 (1).

- Cottus lilljeborgi** Collett, 1875 (b, p. 25, Pl. I, figs. 4–5)
 = *Taurulus lilljeborgi* (Collett), vide Andriyashev 1964, p. 429.
 Syntypes: ZMO J4163, alcohol; Kristiansund, W. Norway Aug. 1871 (coll.: G. O. Sars).
 ZMO J4160, alcohol; Espevær, Hardangerfjord, W. Norway, July 1873 (coll. G. O. Sars).
 Synty
- Elanura forficata** Gilbert, 1896 (p. 430, Pl. 30)
 Syntypes: ZMO J1442, alcohol; Aleutian Islands (coll.: Albatross Exp. 1890–91, stat. 3214).
 USNM 48673 (1), 59404 (1), and 119654 (1). NHMS 2420 (3).
 Lecto
- Icelinus borealis** Gilbert, 1896 (p. 415, Pl. 25)
 Syntypes: ZMO J6331 (3), alcohol; Aleutian Islands (coll.: Albatross Exp. 1890–91, stat. 3213).
 ZMO J1454 (3, in poor condition), alcohol; Bristol Bay, Alaska (coll.: Albatross Exp. 1890–91, stat. 3265).
 NHMS 2292 (34), and 2291 (6). USNM 53037 (6).
 Lecto
- Icelus canaliculatus** Gilbert, 1896 (p. 412, Pl. 24)
 Syntypes: ZMO J1459, alcohol; off Unalaska, Bering Sea (53° 56' 50" N, 167° 08' 15" W) 21/VIII–1890 — depth: 750 m (coll.: Albatross Exp. 1890–91, stat. 3329).
 NHMS 2182 (4).
 Lecto
- Icelus spiniger** Gilbert, 1896 (p. 412, Pl. 24)
 Syntypes: ZMO J1463 (3), alcohol (in poor condition); Alaska (coll.: Albatross Exp. 1890–91, stat. 3216).
 NHMS 2266 (2), 2269 (16), and 2231 (40). USNM 164258 (1).
 Xenoc
- Icelus vicinalis** Gilbert, 1896 (p. 413)
 Syntypes: ZMO J1464 (2), dry; Bristol Bay, Alaska 21/VIII–1890 — depth: 660 m (coll.: Albatross Exp. 1890–91, stat. 3331).
 USNM 48737 (2), 53038 (2), and 103605 (2). NHMS 3018 (12), and 3484 (1).
 Synty
- Liparis bathybii** Collett, 1879 (b, p. 32)
 = *Paraliparis bathybii* Collett, vide loc. cit.
 Holotype: ZMO J4346 (♀, very worn), alcohol; 108 km W of Bear Island, Barents Sea 22/VII–1878 — depth: 1200 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 312).
 Remarks: Holotype figured in Collett 1880, Pl. II, fig. 14.
 CHRC
- Odontopyxis frenatus** Gilbert, 1896 (p. 435, Pl. 30)
 = *Sarritor frenatus* (Gilbert), vide Jordan & Evermann 1896, p. 448.
 Petenid
 Syntyp
- Odontopyxis frenatus** Gilbert, 1896 (p. 435, Pl. 30)
 = *Sarritor frenatus* (Gilbert), vide Jordan & Evermann 1896, p. 448.
 GOBIC
 Eleotris
 = *Bunc*
 Holotyp

Syntypes: ZMO J1352 (3), alcohol; Alaska June 1890 (coll.: Albatross Exp. 1890—91, stat. 3258).

NHMS 2973 (9), and 2974 (4). USNM 48668 (1), 48669 (1), 48670 (1), 48671 (1), 48726 (1), and 48750 (2).

Odontopyxis leptorhynchus Gilbert, 1896 (p. 437)

= *Sarritor leptorhynchus* (Gilbert), vide Jordan & Evermann 1896, p. 448.

Paralectotypes: ZMO J1353, alcohol; Alaskan Peninsula (coll.: Albatross Exp. 1890—91, stat. 3267).

NHMS 2993 (2), and 3017 (6). USNM 53039 (1).

Lectotype: USNM 48727.

Radulinus asprellus Gilbert, 1891 (p. 88)

Paralectotypes: ZMO J1479, alcohol; Pacific Coast of North America (coll.: Albatross Exp. 1890—91, stat. 3059).

NHMS 25 (4).

Lectotype: USNM 43096.

Rhinoliparis barbulifer Gilbert, 1896 (p. 445)

Paralectotypes: ZMO J5124 (2), alcohol; Unalaska Island, Bering Sea 21/VIII—1890 (coll.: Albatross Exp. 1890—91, stat. 3330)

NHMS 3080 (2), 3092 (3) and 3022 (3). USNM 59364 (1).

Lectotype: USNM 48576.

Xenochirus alascanus Gilbert, 1896 (p. 438)

Syntypes: ZMO J1362 (9, in poor condition), alcohol; Unimak Pass, Alaska (coll.: Albatross Exp. 1890—91, stat. 3216).

NHMS 3000 (4), and 3088 (26). USNM 48721 (2), 48743 (4), and 59409 (7).

Xenochirus latifrons Gilbert, 1891 (p. 92)

Syntypes: ZMO J1364, alcohol; Pacific Coast of North America (coll.: Albatross Exp. 1890—91, stat. 2935).

USNM 43091 (1).

CHROMIDES

Petenia Krausii Steindachner, 1878 (p. 12, Pl. II)

Syntypes: ZMO J2756 and J2757, alcohol; Cienega, Magdalena River, Colombia.

NMW 24543/551 (?), 24552/551 (?), and 24553/551 (?)

GOBIOIDEA

Electris dalyensis Rendahl, 1922 (a, p. 192)

= *Bunaka herwerdenii* (M. Weber, 1910), vide Koumans 1953, p. 351.

Holotype: ZMO J1101, alcohol; Daly River, Arnhem Land, NW Australia, July 1896 (coll.: K. Dahl).

Paratypes: ZMO J5234 (10), alcohol; locality as for holotype.
RMS 19946 (1).

Remarks: According to Rendahl there are eleven type specimens; the correct number, however, is twelve.

Lun
Synt

Gobius ater Bellotti, 1888 (p. 7, Pl. IV a, fig. 2a)

Syntypes: ZMO J1123 (4), alcohol; Nizza.

Remarks: The main type series stored in CMNM, was destroyed in World War II.

Rem

Gobius Bucchichi Steindachner, 1870 (p. 627, Pl. I, fig. 4)

Syntypes: ZMO J1127, alcohol; Lesnia, Dalmatia 1882 (coll.: G. Bucchich).
NMW 28782/792 (?).

Lycod
= *Ly*
Synty

Gobius fallax Sarato, 1889

= *Gobius buccichichi* Steindachner, 1870, vide Perugia 1890, p. 506

Syntypes: ZMO J1133 (2), alcohol; Nizza.

Rema

Gobius orca Collett, 1874 (p. 446)

= *Lebetus scorpioides* (♂) (Collett), vide Miller 1961, p. 676.

Holotype: ZMO J3999 (♂), alcohol; Espevær, Hardangerfjord July 1873 — depth: 150—190 m (coll.: G. O. Sars).

Remarks: Holotype figured in Collett 1875c, Pl. III, figs. 1—3.

Miller (1961, 1963) has shown that *G. orca* and *G. scorpioides* are male and female respectively of a single species, but his proposal to set aside a first reviser selection (Miller 1964) has not been adopted (Opinion 880).

Rema

Lycod
= *Lyc*
Holoty

Gobius scorpioides Collett, 1874 (p. 447)

= *Lebetus scorpioides* (Collett), vide Winther 1877, p. 49.

Syntypes: ZMO J4020 (♀) alcohol; Hvitingsø, Stavanger July 1872 — depth: 38 m (coll.: G. O. Sars).

ZMO J4021 (♀) alcohol; Lyngholmen, Hardangerfjord Aug. 1873 — 113 m (coll.: G. O. Sars).

Remarks: Figured in Collett 1875 c, Pl. III, figs. 4—6.

Lycod
Synty

JUGULARES

Harpagifer hispinis antarcticus Nybelin, 1947 (p. 40, Pl. IV, figs. 5—8)

= *Harpagifer georgianus antarcticus* Nybelin, vide loc. cit. p. 74.

Syntypes: ZMO J6340 (1♂, 1♀ and 3 unsexed), alcohol; Port Lockroy, Wiencke Island, Palmer Archipelago 20/1—1928 — depth: 6—40 m (coll.: O. Olstad).

ZMO J6341, alcohol; Candlemas, South Sandwich Islands 15/XI—1908 (coll.: C. A. Larsen).

NMG (1).

Lumpenus mackayi Gilbert, 1896 (p. 450, Pl. 32)

Syntypes: ZMO J1626, alcohol; Nushagah River, Alaska 3/VI—1890 (coll.: Albatross Exp. 1890—91).
NHMS 3085 (5). USNM 48633 (1).

Remarks: This species is described and figured by Gilbert as *Lumpenus mackyi*, but named as *Leptoblennius mackayi* in a list in the introduction to his report. In Jordan & Evermann 1896, p. 476 the species is listed as originally named *Leptoblennius mackayi*. Later (1898, Part III, p. 2437), however, they list it as originally named *Lumpenus mackayi*.

Lycodes agnostus Jensen, 1901 (p. 209)

= *Lycodes polaris* (Sabine, 1842), vide Andriyashev 1964, p. 293.

Syntypes: ZMO J4490 (3), alcohol; Kara Sea (coll.: Dijnphna Exp. 1882—83).
ZMK 3, 6, 11, 16, 20, 22, 24—27, and 29 (1 specimen each).

Remarks: Two syntypes figured i Jensen 1904, Tab. VI, figs. la & b.

Lycodes esmarkii Collett, 1875 (b, p. 95)

Syntypes: ZMO J4496 (♂), alcohol; Kjelmø, S. Varanger, May 1864 — depth: 460 m (coll.: Klerk).

ZMO J4498 (♂), alcohol; Mortensnes, Varangerfjord 1885 (coll.: Nordvi).

Remarks: One syntype is missing.

Lycodes gracilis M. Sars, 1867 (p. 40, Tab. I, figs. 1—3)

= *Lycodes vahli gracilis* M. Sars, vide Smitt 1901, p. 22.

Holotype: ZMO J4525, alcohol; Drøbaksundet, Oslofjord 1865 — depth: 94—113 m (coll.: M. Sars).

Lycodes frigidus Collett, 1879 (b, p. 45)

Syntypes: ZMO J4517 and J4518, alcohol; 453 km W of Hammerfest 14/VI—1878 — depth: 2030 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 295).

ZMO J4519, alcohol; 450 km W of Bear Island 19/VII—1878 — depth: 2195 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 303).

ZMO J4520, alcohol; 230 km W of Icefjord, Spitsbergen 10/VIII—1878 — depth: 2438 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 353).

ZMO J4521 (juv.), alcohol; 325 km W of Bodø 19/VI—1877 — depth: 640 m (coll.: Norwegian N. Atlantic Exp. 1877, stat. 124).

ZMO J4522 (juv.), alcohol; 117 km W of Lofoten 29/VI—1877 — depth: 836 m (coll.: Norwegian N. Atlantic Exp. 1877, stat. 164).

- ZMB 1688 (1), and 2223 (1). ZMK 24 (1). MNHN 1890—370 (1).
 Remarks: Two syntypes figured in Collett 1880, Pl. III, figs. 23—24. One type specimen found completely damaged at ZMO, and six type specimens could not be traced.
- Lycodes lütkenii** Collett, 1880 (p. 103, Pl. III, fig. 25)
 Holotype: ZMO J4536 (♀), alcohol; 115 km W of Norskøyane, Spitsbergen 14/VIII—1878 — depth: 839 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 362).
 Remarks: *L. lütkenii* is given as synonymous to *L. rossi* Malmgren, 1864 by Jensen in 1901 (p. 197), but as a distinct species by the same author in 1904 (p. 57).
- Lycodes muræna** Collett, 1879 (a, p. 15)
 = *Lycenchelys muræna* (Collett), vide Goode & Bean 1895, p. 309.
 Holotype: ZMO J4538, alcohol; 325 km WSW of Bodø 19/VI—1877 — depth: 640 m (coll.: Norwegian N. Atlantic Exp. 1877, stat. 124).
 Remarks: Holotype figured in Collett 1880, Pl. IV, fig. 30.
- Lycodes pallidus** Collett, 1879 (b, p. 70)
 = *Lycodes pallidus pallidus* Collett, vide Jensen 1904, p. 37—49.
 Syntypes: ZMO J4540, alcohol; 115 km W of Norskøyane, Spitsbergen 14/VIII—1878 — depth: 839 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 362).
 ZMO J4541 (juv.), alcohol; 60 km W of Norskøyane, Spitsbergen 14/VIII—1878 — depth: 475 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 363).
 Remarks: The types are figured in Collett 1880, Pl. III, figs. 26—27.
- Lycodes Sarsii** Collett, 1872 (p. 62 + 1 pl.)
 = *Lycenchelys sarsii* (Collett), vide Jensen 1901, p. 214.
 Holotype: ZMO J4555, alcohol; Utne, Hardangerfjord Sept. 1869 — depth: 188—282 m (coll.: G. O. Sars).
- Lycenchelys flagellicauda** Jensen, 1901 (p. 210)
 = *Lycodonus flagellicauda* (Jensen), vide Jensen 1904, p. 90.
 Syntypes: ZMO J4589 (juv.), alcohol; 108 km W of Bear Island 22/VII—1878 — depth: 1203 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 312).
 ZMO J4590 (2), alcohol; 115 km W of Norskøyane, Spitsbergen 14/VIII—1878 — depth: 839 m (coll.: Norwegian N. Atlantic Exp. 1878, stat. 362).
 Remarks: Two syntypes figured in Collett 1880, Pl. IV, figs. 29—31 under the name *Lycodes muræna*.

Lycone
 Syntype

Notothe
 Syntype

Pseudoh
 Holotyp

Paratype

Rhodich
 Holotyp

Remarks

PEDICU

Linophry
 Holotyp

SALIEN

Chirolept
 = *Cyclora*
 Syntypes

Megalixa
 Syntype:
 Remarks:

- 370 (1). **Lyconema barbatum** Gilbert, 1896 (p. 471, Pl. 35)
 -24. One Syntypes: ZMO J1684, alcohol; off Central California 36° 39' 40" N, 122°
 and six 01' W) — depth: 384 m (coll.: Albatross Exp. 1890-91, stat.
 3129).
 USNM 48582 (1), and 53036 (1). NHMS 3627 (5).
- Spitsber- **Notothenia angustifrons sandwichensis** Nybelin, 1947 (p. 16, Pl. I,
 N. Atlan- figs. 1, 3, 5, 7)
 Syntypes: ZMO J6342 (2), alcohol; Visokoi, South Sandwich Islands
 13/XI-1908 — depth: 55-90 m (coll.: C. A. Larsen).
 falmgren, NMG (2), (1), and (17).
 pecies by
- 1877 — **Pseudobatrachus dahli** Rendahl, 1922 (a, p. 195)
 stat. 124). Holotype: ZMO J2996, alcohol; Roebusk Bay, NW Australia 1894-95
 (coll.: K. Dahl).
 Paratypes: ZMO J5231 (5); same locality as for holotype.
 RMS 10445 (1).
- Rhodichthys regina** Collett, 1879 (b, p. 99)
 Holotype: ZMO J5128 (♂), alcohol; 465 km NE of Jan Mayen 16/VIII-
 1878 — depth: 2341 m (coll.: Norwegian N. Atlantic Exp. 1878,
 stat. 297).
 Remarks: Holotype figured in Collett 1880, Pl. V, figs. 37-39.
- PEDICULATI
- Spitsber- **Linophryne lucifer** Collett, 1886 (b, p. 138, Pl. XV)
 N. Atlan- Holotype: ZMO J5560 (♀), alcohol; off Madeira (36° N, 20° W) May 1877
 26-27. — depth: on surface (coll.: Capt. P. Andresen).

— depth:

AMPHIBIA

SALIENTIA

- 22/VII- **Chiroleptes dahlii** Boulenger, 1895 (p. 867, Pl. XLIX, fig. 2)
 Exp. 1878. = *Cyclorana dahlii* (Boulenger), vide Parker 1940, p. 17.
 Syntypes: ZMO K2002 (♂), alcohol; Daly River, NW Australia 1884-1885
 (coll.: K. Dahl).
 BMNH 95.11.14.24 (♀).
- Spitsber- **Megalixalus Stuhlmanni** Pfeffer, 1893 (p. 99)
 N. Atlan- Syntype: ZMO K2003, dry; Zansibar 6/VIII-1888 (coll.: F. Stuhlmann).
 -31 under Remarks: The main type series stored in ZMH, was destroyed during
 World War II.

Rana macrodon leporina Anderson, 1923 (p. 124)

Holotype: ZMO K2004, alcohol; Tumbang Muruwei, Borneo 1915 (coll.: C. Lumholtz).

Ande

Rhacophorus colletti Boulenger, 1890 (p. 36)

Holotype: ZMO K2005 (♀), alcohol; Langkat, Sumatra 1889 (coll.: Iversen).

Andr

Bellot

Bigel

REPTILIA

SAURIA

Aeluroscalabotes longicaudatus Anderson, 1923 (p. 122)

Holotype: ZMO K2006, alcohol; Bulungan, NE Borneo 1914–15 (coll.: C. Lumholtz).

Boule

Diplodactylus stenodactylus Boulenger, 1896 (p. 232)

Holotype: ZMO K2001 (♂), alcohol; Roebuck Bay NW Australia (coll.: K. Dahl).

Egernia Dahlii Boulenger, 1896 (p. 233)

= *Egernia kintorei* Stirling & Zietz, 1893, vide Mitchell 1950, p. 284.

Collett

Syntypes: ZMO K2007, alcohol; Roebuck Bay, NW Australia (coll.: K. Dahl).

BMNH 96.7.2.14 (= RR 1946.8.21.95) (1).

Lygosoma Colletti Boulenger, 1896 (p. 234)

= *Ctenotus colletti* (Boulenger), vide Storr 1964, p. 85.

Holotype: ZMO K2008, alcohol; Roebuck Bay, NW Australia Febr. 1896 (coll.: K. Dahl).

Lygosoma ocellatum Boulenger, 1896 (p. 233)

= *Ctenotus ocellatum* (Boulenger), vide Storr 1964, p. 85

(= *Ctenotus pantherinus ocellifer* (Boulenger), Storr in litt. & press).

Holotype: ZMO K2009, alcohol; Roebuck Bay, NW Australia Febr. 1896 (coll.: K. Dahl).

SERPENTES

Calamaria lumholtzii Anderson, 1923 (p. 123)

Syntypes: ZMO —2010 (2 ♀♀), alcohol; Tumbang Maruwei, Borneo Sept. 1915 (coll.: C. Lumholtz).

Typhlops nigricauda Boulenger, 1895 (p. 867, Pl. XLIX, fig. 1)

= *Typhlops guentheri* Peters, 1865, vide Waite 1918, p. 23.

De Vis

Syntypes: ZMO K2011, alcohol; Daly River, NW Australia 1895 (coll.: K. Dahl).

BMNH 95.11.14.25. (= RR 1946.1.11.13.) (1).

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Gilbert

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