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A CATALOGUE OF THE TYPE MATERIAL (FISHES) IN THE TASMANIAN MUSEUM

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ABSTRACT

A total of twenty three type and cotype specimens is listed. Both old and recent registration numbers are included and recent alterations in taxonomy.

INTRODUCTION

The study of Tasmanian Ichthyology which extends back over almost two hundred years was initiated by the early explorers. The material collected by them was taken back to Europe for description, the types and figured specimens usually being deposited in European institutions. With the establishment of the Royal Society of Tasmania in 1843 a venue for local publications and a repository for specimens became available.

When, in 1885 the Museum and Botanic Gardens were handed over to the State, research work of fishes was well established. Writers such as W. Saville-Kent, R. M. Johnston and Alex Morton had all made contributions and in 1891 R. M. Johnston published his list of all the then known species.

In 1913 the Commonwealth Government presented a large collection of specimens collected by the F.I.S. *Endeavour* during the years 1909 to 1914. Included were types described by A. R. McCulloch. During the subsequent years the type collection has been increased in size and many of the species described earlier have been put into synonymy. The purpose of the present work is to bring the list up to date regarding recent additions and taxonomic changes.

NOTES

The *Endeavour* material was originally registered in the Australian Museum, Sydney and the original numbers are included together with current Tasmanian Museum numbers. Old Tasmanian Museum numbers are prefixed by the letters 'TM' or 'D'. Current Tasmanian Museum numbers are prefixed by the letter 'D'.

Class *ELASMOBRANCHII*

Order *SQUALIFORMES*

Family *SQUALIDAE*

Genus *CENTRINA* Cuvier 1816

Centrina bruniensis Ogilby, 1893

Rec. Aust. Mus. II, 5, Sept. 1893, p. 62.

= *Oxynotus bruniensis* (Ogilby), 1893.

Holotype: D154/13139, Mounted skin.

Locality: Collected on the shore of Bruny Island, Tasmania. Dead and dried out but in a fair state of preservation.

Note: Old Reg. No. TM 3079.

Class *TELEOSTOMI*

Order *CLUPEIFORMES*

Family *STERNOPTYCHIDAE*

Genus *POLYIPNUS* Gunther, 1887

Polyipnus tridentifer McCulloch, 1914.

Biol. Res. *Endeavour*, II, 3, July 3, 1914, p. 87.

Cotypes (5) D151/13032. Spirit specimens.

Locality: Great Australian Bight, Long. 129°28'E.

F.I.S. *Endeavour* 350-450 fathoms, 14 May 1913.

Note: Old Reg. No. D37.

Order *GALAXIIFORMES*

Family *GALAXIIDAE*

Genus *PARAGALAXIAS* Scott, 1935

Paragalaxias shannonensis Scott, 1935.

Pap. and Proc. Roy. Soc. Tasmania 1934 (1935) p. 41.

Paratypes: D1/180. Spirit specimen.

D996

Locality: Shannon River, below Miena dam, Great Lake Tasmania. 3 Dec. 1933.

Note: The second paratype (D996) was originally lodged in the Zoology Dept, University of Tasmania and was transferred to the Tasmanian Museum in 1969.

Genus *GALAXIAS* Cuvier, 1816

Galaxias parvus Frankenberg, 1968

Aust. Zool. Vol. XIV, Part 3, 1968, p. 268. pl. XIV-XV.

Holotype: D940. Spirit specimen.

Locality: Lake Pedder, south west Tasmania, from a pond on the east bank 1 - 3 Feb. 1967.

Galaxias pedderensis Frankenberg, 1968

Aust. Zool. Vol. XIV, part 3, 1968, p. 268. pl. XIV-XV.

Holotype: D941. Spirit specimen.

Locality: Lake Pedder, south west Tasmania, from mouth of inflowing stream from Lake Maria. 1 Feb. 1967.

Order *MACRURIFORMES*

Family *MACRURIDAE*

Genus *CORYPHAENOIDES* Hector, 1871

Coryphaenoides tasmaniae Johnston, 1883

Pap. and Proc. Roy. Soc. Tasmania 1882 (1883), p. 143.

= *Macruronus novaezelandiae* (Hector), 1871.

Holotype: D144/13025. Spirit specimen.

Cotypes (4): D31/497. Spirit specimens.

Locality: Kangaroo Bluff, Tasmania.

Note: In his description, Johnston mentions that the species had been known from the west coast and entered the Derwent occasionally but gives no dates for the collections of the material.

D144/13025 = Old Reg. No. TM5785.

D31/497 = Old Reg. No. TM5184.

Order **GADIFORMES**

Family **MORIDAE**

Genus **LEPIDION** Swainson 1838

Lepidion microcephalus Cowper, 1956

Pacific Science 10 : p. 407-409.

Holotype: D160/13225. Spirit specimen.

Locality: East coast, Tasmania, 12 miles east of Schouten Island, 400-420 fathoms 15 Feb. 1953.

Order **ZEIFORMES**

Family **ZEIDAE**

Genus **ALLOCYTTUS** McCulloch, 1914

Allocyttus verrucosus Gilchrist var. *propinquus* McCulloch, 1914

Biol. Res. *Endeavour*, II, 3, July 3, 1914, p. 116.

= *Allocyttus verrucosus* (Gilchrist), 1928.

Cotype: D146/13027. Spirit specimen.

Locality: Great Australian Bight 129°28'E, 350-450 fathoms, 14 May 1913, F.I.S. *Endeavour*.

Note: Old Reg. No. D32, Aust. Mus. No. E3282.

Order **BERYCFORMES**

Family **BERYCIDAE**

Genus **AUSTROBERYX** McCulloch, 1911

Austroberyx brevis (?) McCulloch, 1911

Biol. Res. *Endeavour* I, Dec. 22, 1911, p. 39.

= *Centroberyx affinis* (Gunther), 1859.

Cotype: D139/13020. Spirit specimen.

Locality: Flinders Island, Bass Strait, 37 fathoms, 28 Aug. 1911, F.I.S. *Endeavour*.

Note: Aust. Mus. No. E962. Specimen labelled 'Austroberyx brevis, McCull, 1911, Cotype gen. et sp.' McCulloch makes no reference to this species in his description.

Family **TRACHICHTHYIDAE**

Genus **HOPLOSTETHUS** Cuv. & Val., 1829

Hoplostethus mediterraneus. C. & V. var. *latus* McCulloch, 1914

Biol. Res. *Endeavour* II, 3, July 3, 1914, p. 97.

= *Hoplostethus mediterraneus* Cuv.† 1829.

Cotype: D140/13021. Spirit specimen.

Locality: Great Australian Bight, west from Eucla 126-127 fathoms. F.I.S. *Endeavour*.

Note: Old Reg. No. D102 Aust. Mus. No. E2467.

Order **SYNGNATHIFORMES**

Family **SYNGNATHIDAE**

Genus **HISTOGAMPHELUS** McCulloch, 1914

Histogamphelus briggsii McCulloch, 1914

Aust. Zool. I, 1. June 13, 1914, p. 29.

Holotype: D141/13022. Spirit specimen.

Locality: Wineglass Bay, east coast Tasmania, 11 fathoms, E. A. Briggs, 13 April 1914.

Note: Old Reg. No. D79.

Family **MACRORHAMPHOSIDAE**

Genus **CENTRISCOPS** Gill, 1862

Centriscops cristatus (?) McCulloch, 1914

Biol. Res. *Endeavour* II, 3, July 3, 1914, p. 93.

= *Notopogon endeavouri* Mohr, 1937.

Cotypes (2): D145/13026. Spirit specimens.

Locality: Dredged in Bass Strait, F.I.S. *Endeavour*.

Note: Old Reg. No. D33. Aust. Mus. No. E2145.

Name apparently introduced in error for *C. humerosus* McCulloch, 1911 = *N. lilliei* Regan. (McCulloch 1914, p. 91).

Order **PERCIFORMES**

Sub-order **COTTOIDEI**

Family **PLATYCEPHALIDAE**

Genus **INSIDIATOR** Jordan & Snyder, 1900

Insidiator jugosus McCulloch, 1914

Biol. Res. *Endeavour* II, 3, July 3, 1914, p. 144.

Cotypes (2): D150/13031. Spirit specimens.

Locality: Queensland, seven miles off Hummocky Island, S7°E, 30 July, 1910. F.I.S. *Endeavour*.

Note: Old Reg. No. D36, Aust. Mus. No. E2688.

Sub-Order **PERCOIDEI**

Family **CARANGIDAE**

Genus **CARANX** Lacepede, 1802

Caranx humerosus McCulloch, 1915

Biol. Res. *Endeavour* III, 3, April 21, 1915, p. 137.

= *Carangoides humerosus* (McCulloch), 1915.

Cotypes (2): D138/13019. Spirit specimens.

Locality: Queensland, 11-14 miles N 59°W off Pine Peak, 24-26 fathoms 1 Aug. 1910, F.I.S. *Endeavour*.

Note: Old Reg. No. D100-101 Aust. Mus. No. E2821.

Family **PEMPHERIDAE**

Genus **PEMPHERIS** Cuvier, 1829

Pempheris elongata McCulloch, 1911

Biol. Res. *Endeavour* I, Dec. 22, 1911, p. 47.

= *Parapriacanthus elongatus* (McCulloch) 1911.

Cotype: D137/13018. Spirit specimen.

Locality: Flinders Island, Bass Strait 40 fathoms, 28 Aug. 1911. F.I.S. *Endeavour*.

Note: Aust. Mus. No. E. 470.

Family **EMMELICHTHYIDAE**

Genus **PLAGIOGENEION** Forbes, 1890

Plagiogeneion macrolepis McCulloch 1914

Biol. Res. *Endeavour* II, 3, July 3, 1914, p. 104.

Cotypes: D148/13029. Spirit specimen.

D149/13030 " "

Locality: Great Australian Bight, 100-320 fathoms. F.I.S. *Endeavour*.

Sub-Order **GOBIOIDEI**

Family **GOBIIDAE**

Genus **GOBIUS** Linnaeus, 1758

Gobius hinsbyi Johnston, 1903.

Abstr. Proc. Roy. Soc. Tasmania, May 13, 1902 (1903), p. X *Nom. nud.*

= *Nesogobius hinsbyi* (McCulloch & Ogilby), 1919.

Holotype: D142/13023. Spirit specimen.

Locality: Derwent estuary, Tasmania.

Collected by Mr Geo. Hinsby.

Sub-Order **BLENNIOIDEI**

Family **CLINIDAE**

Genus **CLINUS** Cuvier, 1816

Clinus johnstoni Saville-Kent, 1886

Rept. Fish. Dept, Tasmania No. 37, 1886, p. 13. Described in Pap. & Proc. Roy. Soc. Tasmania 1886 (1887), p. xxxiv & 121.

= *Petraites johnstoni* (Saville-Kent) 1886.

Holotype: D58 (Old. Reg.) Spirit (?) specimen.

Locality: Adventure Bay, Bruny Is., Tasmania.

Note: The specimen was recorded as missing in 1935 and has not subsequently been found.

Order **LOPHIIFORMES**Family **ANTENNARIIDAE**Genus **ANTENNARIUS** Cuvier, 1816*Antennarius mitchelli* Morton, 1897

Pap. & Proc. Roy. Soc. Tasmania, 1896 (1897, p. xiv & 98.

= *Echinophryne mitchelli* (Morton) 1897.*Holotype*: D136/13017. Spirit specimen.*Locality*: Lisdillon, east coast Tasmania, Miss Mitchell, 1895.*Note*: Old Reg. No. TM5163 & 3566.Order **LABRIFORMES**Family **NEOODACIDAE**Genus **OLISTHOPS** Richardson, 1850*Olisthops brownii* Johnston, 1884

Pap. & Proc. Roy. Soc. Tasmania, 1883 (1884), p. lviii & 193.

= *Olisthops cyanomelas* Richardson.*Holotype*: D135/13016. Spirit specimen.*Locality*: Table Cape, Tasmania (no date), Mr J. Brown.*Note*: Old Reg. No. TM10932.

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