

ON A COLLECTION OF LITTORAL AND FRESHWATER FISHES
FROM THE ANDAMAN ISLANDS: SUPPLEMENT.

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In addition to the fishes mentioned in a previous paper¹ on fishes from the Andaman Islands, the following formed a part of the collection sent to me for study and should have been included in the original paper. In the present contribution are given additional records for 52 species, of which 17, marked with an asterix (*) in the list given below, were listed in the first paper. This leaves 35 species to be added to the 112 named in the earlier paper, or a total of 147 species in the entire collection sent to me from Calcutta. This number is probably not more than a sixth or seventh of those actually occurring in Andaman waters.

Family ELOPIDAE.

Megalops cyprinoides (Broussonet).

1782. *Clupea cyprinoides*, Broussonet, *Ichthyol. Dec. I*, table ix.

A specimen, 138 mm. long, was taken around Viper Island, Port Blair, South Andaman.

Family DOROSOMATIDAE.

Gonialosa manmina (Hamilton).

1822. *Clupanodon manmina*, Hamilton, *Fishes Ganges*, p. 247.

A typical specimen, 65 mm. long, was taken at Viper Island.

Family ENGRAULIDAE.

Thrissina baelama (Forskål).

1775. *Clupea baelama*, Forskål, *Descript. Animal.*, p. 72.

Three specimens, 90 to 94 mm. in length, were taken from a creek near South Corbyn's Cove, Port Blair.

Stolephorus heterolobus Rüppell.*

1835. *Stolephorus heterolobus*, Rüppell, *Neue Wirbelt., Fische*, p. 79, pl. xxi, fig. 4.

Eighteen specimens, 62 to 68 mm. in length, are from about Ross Island.

¹ Herre, A. W. C. T., *Rec. Ind. Mus.* XLI, pp. 327-372 (1930).

Family MURAENIDAE.

Echidna nebulosa (Ahl).

1789. *Muraena nebulosa*, Ahl, *Dissert. Muraen. et Ophichth.*, p. 5.

One example, 375 mm. long, from East Ross Island, and one of 230 mm. from Port Blair.

Echidna zebra (Shaw).

1797. *Gymnothorax zebra*, Shaw, *Natural. Miscell.* IX, pl. cccxxii.

Two fine specimens from Port Blair; one of 415 mm. taken north-west of Ross Island and the other of 350 mm. at South Point.

Gymnothorax undulatus (Lacépède).

1803. *Muraenophis undulata*, Lacépède, *Hist. Nat. Poiss.* V, pp. 629, 644.

Three specimens were found under stones at low tide at Chatham, Port Blair, their lengths from 130 to 282 mm.

Uropterygius marmoratus (Lacépède).*

1803. *Gymnomuraena marmorata*, Lacépède, *Hist. Nat. Poiss.* V, pp. 648, 650.

A specimen, 470 mm. long, was found under coral rock at South Point, Port Blair.

Family CYPRINIDAE.

Rasbora daniconius (Hamilton).*

1822. *Cyprinus daniconius*, Hamilton, *Fishes Ganges*, p. 327, pl. xv, fig. 89.

Thirty specimens, 30 to 48 mm. in length, were obtained from a stream at Weli village, Middle Andaman.

Family PLOTOSIDAE.

Plotosus canius Hamilton.

1822. *Plotosus canius*, Hamilton, *Fishes Ganges*, p. 142.

Fifty-two specimens, only 14 to 18 mm. in length, were taken at North Bay, Port Blair. In spite of their tiny size, determination is certain.

Family CYPRINODONTIDAE.

Aplocheilus panchax (Hamilton).*

1822. *Esow panchax*, Hamilton, *Fishes Ganges*, p. 211, pl. iii, fig. 69.

Ten specimens from 16 to 40 mm. in length were taken near Bamboo Flat village, Port Blair, and 45 examples from 20 to 57 mm. from a stream west of Sipi Ghat (Bhagelsinghpura), South Andaman. .

Family BOTHIDAE.

Pseudorhombus arsius (Hamilton).

1822. *Pleuronectes arsius*, Hamilton, *Fishes Ganges*, p. 128.

Three specimens, 92 to 98 mm. in length, were collected at Ross Island, Port Blair.

Family OPHICEPHALIDAE.

Ophicephalus gachua Hamilton.*

1822. *Ophicephalus gachua*, Hamilton, *Fishes Ganges*, pp. 68, 367, pl. xxi, fig. 21.

Eight specimens from 82 to 112 mm. were taken from a freshwater pool at Bamboo Flat village, Port Blair ; one of 96 mm. is from a stream south of South Corbyn's Cove, Port Blair ; one of 136 mm. was caught in a paddy field at Chouldari, South Andaman.

Family MUGILIDAE.

Mugil dussumieri Cuvier and Valenciennes.

1836. *Mugil dussumieri*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* XI, p. 147.

A fine specimen from North Bay, Port Blair, is 170 mm. long.

Liza borneensis (Bleeker).

1851. *Mugil borneensis*, Bleeker, *Nat. Tijds. Ned. Ind.*, II, p. 201.

A specimen, 160 mm. long, is from North Bay, and two of 90 and 97 mm. are from Viper Island, Port Blair.

Liza melinoptera (Cuvier and Valenciennes).*

1836. *Mugil melinopterus*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* XI, p. 146.

Three examples, from 105 to 149 mm. in length, are from about Viper Island, Port Blair.

Family SCOMBRIDAE.

Rastrelliger brachysoma (Bleeker).

1850. *Scomber brachysoma*, Bleeker, *Nat. Tijds. Ned. Ind.* I, p. 356.

A specimen, 183 mm. long, in very bad condition, is from Phoenix Bay, Port Blair.

Family CARANGIDAE.

Selar crumenophthalmus (Bloch).

1797. *Scomber crumenophthalmus*, Bloch, *Ichthyologie*, X, p. 65, pl. cccxliii.

Two specimens from Phoenix Bay are 99 and 100 mm. in length.

Caranx ignobilis (Forskål).

1775. *Scomber ignobilis*, Forskål, *Descript. Animal.*, p. 55.

Two specimens, 72 and 84 mm. in length, from South Point, Port Blair.

Caranx sansun (Forskål).

1775. *Scomber sansun*, Forskål, *Descript. Animal.*, p. 55.

Seven examples from Viper Island, Port Blair, are 42 to 163 mm. in length.

Caranx sexfasciatus Quoy and Gaimard.

1824. *Caranx sexfasciatus*, Quoy and Gaimard, *Voy. Uranie, Zool.*, p. 358, Pl. lxxv, fig. 4.

Family LEIOGNATHIDAE.

Gazza minuta (Bloch).

1797. *Scomber minutus*, Bloch, *Ichthyologie*, XII, p. 109, pl. ccccxxix, fig. 2.

Twenty-two specimens from 32 to 62 mm. in length were obtained about Viper Island.

Leiognathus fasciatus (Lacépède).

1803. *Clupea fasciatus*, Lacépède, *Hist. Nat. Poiss.* V, pp. 460, 463.

Nine specimens, 46 to 63 mm. in length, were secured about Viper Island.

Leiognathus splendens (Cuvier).

1829. *Equula splendens*, Cuvier, *Regne Animal.*, 2nd. ed., II, p. 212.

Eleven examples from 45 to 60 mm. in length, taken from about Viper Island.

Family GERRIDAE.

Gerres abbreviatus Bleeker.*

1850. *Gerres abbreviatus*, Bleeker, *Verh. Bat. Gen.* XXIII, p. 11.

Ten specimens from about Viper Island, Port Blair, are 50 to 83 mm. in length.

Family APOGONIDAE.

Apogon hyalosoma Bleeker.

1852. *Apogon hyalosoma*, Bleeker, *Nat. Tijds. Ned. Ind.* III, p. 63.

Three specimens, 107 to 123 mm. in length, from Viper Island,

Apogonichthys poecilopterus (Cuvier and Valenciennes).

1828. *Apogon poecilopterus*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* II, p. 114.

Two specimens from South Point, Port Blair, 48 and 62 mm. in length.

Family **AMBASSIDAE.****Ambassis buruensis** Bleeker.*

1856. *Ambassis buruensis*, Bleeker, *Nat. Tijds. Ned. Ind.* XI, p. 396.

Forty-two specimens, 34 to 47 mm. in length, from Viper Island ; occurring in abundance about Port Blair.

Ambassis urotaenia Bleeker.*

1852. *Ambassis urotaenia*, Bleeker, *Nat. Tijds. Ned. Ind.* III, p. 257.

Seventeen examples, 41 to 52 mm. in length, were taken opposite Hope Tower Jetty on Haddo Shore.

Family **SERRANIDAE.****Epinephelus merra** Bloch.

1797. *Epinephelus merra*, Bloch, *Ichthyologie*, VII, p. 15, pl. cccxxix.

Three specimens, 74 to 140 mm. in length, from North Bay, Port Blair.

Family **PRIACANTHIDAE.****Priacanthus hamrur** (Forskål).

1775. *Sciaena hamrur*, Forskål, *Descript. Animal.*, p. 45.

A specimen from South Point, Port Blair, is 105 mm. long.

Family **PLESIOPIDAE.****Plesiops nigricans** (Rüppell).*

1828. *Pharopteryx nigricans*, Rüppell, *Atlas Fische rothen Meeres*, p. 15, pl. iv, fig. 2.

A specimen, 75 mm. long, was taken near Jones Point, Sound Island, North Andaman. Five specimens from 44 to 99 mm. in length were found under rocks on the east coast of Long Island, Middle Andaman.

Family **LUTIANIDAE.****Lutianus fulviflamma** (Forskål).

1775. *Sciaena fulviflamma*, Forskål, *Descript. Animal.*, p. 45.

One specimen, 137 mm. long, from South Corbyn's Cove, Port Blair.

Family POMADASYIDAE.

Pomadasys hasta (Bloch).

1797. *Lutjanus hasta*, Bloch, *Ichthyologie*, VIII, p. 187, pl. cexlvi, fig. 1.
Two specimens, 91 and 95 mm. in length, from South Corbyn's Cove.

Family MULLIDAE.

Upeneus vittatus (Forskål).

1775. *Mullus vittatus*, Forskål, *Descript. Animal.*, p. 31.
One example, 75 mm. long, from Viper Island, Port Blair.

Family TOXOTIDAE.

Toxotes jaculator (Pallas).

1766. *Sciaena jaculatrix*, Pallas, *Philosoph. Trans. London*, LVI, p. 186.
Two specimens taken about Viper Island are 55 and 62 mm. in length.

Family TEUTHIDIDAE.

Teuthis striolata Günther.

1861. *Teuthis striolata*, Günther, *Cat. Fishes Brit. Mus.* III, p. 319.
A specimen, 136 mm. long, was taken at South Corbyn's Cove, Port Blair.

Teuthis vermiculata (Cuvier and Valenciennes).

1835. *Amphacanthus vermiculatus*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* X, p. 92.
An example from Phoenix Bay, Port Blair, is 90 mm. long.

Family SCORPAENIDAE.

Scorpaenopsis venosa (Cuvier and Valenciennes).

1829. *Scorpaena venosa*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* IV, p. 317.
A specimen, 150 mm. long, was taken at South Point, Port Blair.

Pterois radiata Cuvier and Valenciennes.

1829. *Pterois radiata*, Cuvier and Valenciennes, *Hist. Nat. Poiss.* IV, p. 369.
1835. *Pterois cincta*, Rüppell, *Neue Wirbelt., Fische*, p. 108, pl. xxvi, fig. 3.
1873. *Pterois radiata*, Günther, *Fische der Sudsee*, I, p. 81, pl. lvi, fig. A.
1875. *Pterois cincta*, Day, *Fishes India*, p. 154, pl. xxxvii, fig. 3.
A specimen, 145 mm. long, from North Cinque Island, Andamans.

Family ELEOTRIDAE.

Butis butis (Hamilton).

1822. *Cheilodipterus butis*, Hamilton, *Fishes Ganges*, p. 367.
1876. *Eleotris butis*, Day, *Fishes India*, p. 315, pl. lxxvii, fig. 3.
A specimen, 73 mm. long, was collected around Viper Island.

Family Gobiidae.

Bathygobius fuscus (Rüppell).*

1828. *Gobius fuscus*, Rüppell, *Atlas Fische rothen Meeres*, p. 137.

Three specimens taken around South Point, Port Blair, are 33 to 66 mm. in length.

Glossogobius giurus (Hamilton).

1822. *Gobius giurus*, Hamilton, *Fishes Ganges*, p. 366, pl. xxxiii, fig. 15.

Two examples, 78 and 115 mm. in length, were obtained from a creek near Aberdeen, Port Blair.

Oxyurichthys ophthalmonema (Bleeker).

1856-57. *Gobius ophthalmonema*, Bleeker, *Nat. Tijds. Ned. Ind.* VIII, p. 208.

1876. *Gobius tentacularis*, Day, *Fishes India*, p. 291, pl. lxiv, fig. 4.

1927. *Oxyurichthys ophthalmonema*, Herre, *Gobies, Philippines*, p. 257, pl. xx, fig. 3.

A specimen, 64 mm. long, was taken at Ross Island, Port Blair.

Family PERIOPHTHALMIDAE.

Periophthalmus barbarus (Linnaeus).*

1766. *Gobius barbarus*, Linnaeus, *Syst. Nat.* ed. XII, p. 450.

In addition to those listed in the previous paper, the following were taken at Port Blair, their lengths 44 to 106 mm. :—5 from a creek flowing into Sesostris Bay, Aberdeen, and 9 from a creek near South Corbyn's Cove. A specimen 90 mm. long is from Curlew Island, Stewart Sound, North Andaman. Ten others from 59 to 105 mm. in length are merely labelled "Andamans"

Periophthalmodon schlosseri (Pallas).*

1769. *Gobius schlosseri*, Pallas, *Spicilegia*, VIII, p. 3, pl. i, figs. 1-4.

Besides those listed in the first paper, 7 specimens from 42 to 48 mm. in length were taken around Ross Island, Port Blair.

Family BLENNIIDAE.

Salarias raoi Herre.*

1876. *Salarias alboguttatus*, Day, *Fishes India*, p. 334. Name preoccupied; not *Salarias alboguttatus* Knor.

In addition to those described in my previous paper on Andaman fishes, 85 specimens (many in rather poor condition) from 20 to 44 mm. in length were collected around South Point, Port Blair.

Salarias edentulus (Bloch and Schneider).*

1801. *Blennius edentulus*, Bloch and Schneider, *Syst. Ichth.*, p. 172.

A good specimen, 55 mm. long, and 2 juvenile examples, 20 and 25 mm. in length, are from South Point, Port Blair.

Family TETRAODONTIDÆ.

Tetraodon fluviatilis Hamilton.

1822. *Tetraodon fluviatilis*, Hamilton, *Fishes Ganges*, pp. 6 and 362, pl. xxx, fig. 1.

1878. *Tetraodon fluviatilis*, Day, *Fishes India*, p. 707, pl. clxxxiii, fig. 1.

A specimen, 67 mm. long, was obtained from a creek northwest of the coconut plantation on Long Island, Middle Andaman.

Five others, taken at Port Blair, are 45 to 61 mm. in length.

Tetraodon immaculatus Bloch and Schneider.*

1801. *Tetraodon immaculatus*, Bloch and Schneider, *Syst. Ichth.*, p. 507.

Two specimens, 102 and 106 mm. in length, were secured at Viper Island, Port Blair.

Tetraodon nigropunctatus Bloch and Schneider.

1801. *Tetraodon nigropunctatus*, Bloch and Schneider, *Syst. Ichth.*, p. 507.

1878. *Tetraodon nigropunctatus*, Day, *Fishes India*, p. 704, pl. clxxx, fig. 4.

A specimen from South Cinque Island, Andamans, measures 252 mm.

Chelonodon patoca (Hamilton).*

1822. *Tetraodon patoca*, Hamilton, *Fishes Ganges*, p. 7, pl. xviii, fig. 2.

1878. *Tetraodon patoca*, Day, *Fishes India*, p. 703, pl. clxxxiii, fig. 4.

In addition to those listed in the previous paper, 9 more from 47 to 90 mm. in length were caught about Viper Island, Port Blair.