

Nettastomatidae

by J. Blache, M.-L. Bauchot & L. Saldanha

G: 4
Sp: 4

- 80.1 **NETTASTOMA** Rafinesque, 1810 Gender: N
 Caratt. Gen. Spec. Sicil., 1810: 66 (type: *N. melanura* Rafinesque, 1810, by monotypy).
Gavialiceps (Wood-Mason MS) Alcock, 1889, *Ann. Mag. nat. Hist. London*, (6), 4: 460 (type: *G. taeniola* (Wood-Mason MS) Alcock, 1889, by orig. design., 'Bay of Bengal').
Muraenosaurus Osorio, 1909, *Mems Mus. Bocage*, 1: 14 (type: *M. güntheri* Osorio, 1909, by monotypy).
Osorina Whitley, 1951, *Proc. R. zool. Soc. N.S.W.*: 61 (type: *M. güntheri* Osorio, 1909, by orig. design.).
- 80.1.1 **Nettastoma melanurum** Rafinesque, 1810
Nettastoma melanura Rafinesque, 1810, Caratt. Gen. Spec. Sicil.: 66, pl. 16 (fig. 1) ('Sicilia'). Type lost.
 ? *Muraenophis saga* Risso, 1810, *Ichthyol. Nice*: 370, pl. 10 (fig. 39) ('Nice'). Holotype: MNHN no. B 849.
Nettastoma melanura: Rafinesque, 1810b: 43 | Bonaparte, 1845: 39 | Kaup, 1856: 119, fig. 75 | Moreau, 1881: 579, fig. 210 | Facciola, 1899: 2 (part.) | Roule, 1919: 96 | Fowler, 1936: 280, fig. 131 | Tortonese, 1939: 423, fig. 1 | Lozano Rey, 1947: 539, pl. 8 (fig. 2) | Dollfus, 1955: 110 | Dieuzeide & Roland, 1957–1958: 44, fig. 8, 108, fig. 1–2 | Postel, 1959–1960: 149, 250 | Maurin, 1968: 26, 87, 97, 106, 113, 122.
 ? *Muraenophis saga*: Risso, 1826, 3: 193.
 ? *Muraena saga*: Costa, 1844–1845, 48–49: 10.
Nettastoma melanurum: Günther, 1870, 8: 48 | Vaillant, 1888: 83, pl. 5 (fig. 2a–b) | Carus, 1893, 2: 542 | Ancona, 1930: pl. 138 (fig. 1) | Saldanha, 1965: 2, fig. 1–3, 7; 1966: 131, fig. 1–6, pl. 1–8 | Saldanha & Blache, 1968: 184, fig. 1 | Tortonese, 1970e: 332, fig. 134.
 ? *Muraenophis saga*: Canestrini, 1875: 203.
Muraenosaurus güntheri Osorio, 1909, *Mems Mus. Bocage*, 1: 14, fig. 2–4 (off Cap Espichel (Portugal). Holotype: MB no. 2066.
Osorina güntheri: Whitley, 1951a: 61.
- Eggs, larvae and young stages. Kölliker, 1853b: 101 (*Hyoprurus messinensis*) | Kaup, 1856: 144, 150, pl. 16 (fig. 4), pl. 18 (fig. 14–14a) (*Leptocephalus longirostris*) | Carus, 1861: 125 | Gill, 1865: 207 | Günther, 1870: 8, 141, 144 | Moreau, 1881: 579 | Facciola, 1883a: 4 | Bellotti, 1883: 173 | Vaillant, 1888: 95 | Cunningham, 1891: 39 | Jordan & Davis, 1892: 665 | Grassi & Calendruccio, 1892: 379 | Facciola, 1893a: 99, 144, 148; 1893b: 311; 1893c: 29, 59; 1894a: 126; 1894b: 134 | Cunningham, 1895a: 279–280 | Grassi, 1896: 372 | Strömman, 1896: 38–40 | Facciola, 1897b: 122 | Grassi, 1897a: 261 | Facciola, 1901a: 45, pl. 7 (fig. 1); 1901b: 255 | Eigenmann, 1902a: 39 | Facciola, 1903: 194 | Schmidt, 1906a: 146–147, 149; 1911b: 377, fig. 2; 1912b: pl. 4; 1913: 7, fig. 4 | Grassi, 1913: 10–11, 143, pl. 8 (fig. 22–43) (part.) | Lea, 1913: 32, fig. 33, pl. 5 (5) (*Leptocephalus urosema*) | Grassi, 1914a: 41–42, fig. 3 | Bertin, 1926: 330, tabl. 6 | Fish, 1927: 307–308 | Ancona, 1928: 519; 1930: pl. 138 (fig. 2); 1931: 119, fig. 98–100 | Bertin, 1935b: 102 | Sparta, 1942: 255, pl. 1 (fig. 11–13) | Castle, 1969: 24, 45, 47, 56.
- Otoliths (sagitta). No data.
- Habitat, distribution and abundance. Benthic on muddy places on the continental slope. Cosmopolite. Common.

- 80.2 **FACCIOLELLA** Whitley, 1938 Gender: F
Rec. Aust. Mus., 20 : 197 (type: *Nettastomella physonema* Facciola, 1914, by subs. design.).
Nettastomella Facciola, 1911, *Boll. Soc. zool. ital.*, 2 (12) : 277, preoccupied.
- 80.2.1 **Facciolella physonema** (Facciola, 1914)
Nettastomella physonema Facciola, 1914, *Boll. Soc. zool. ital.*, 3 (3) : 39 (Mediterranean sea). Type lost. Neotype (Tortonese, 1970): MSNG no. 37252.
Nettastoma melanurum (part.): Facciola, 1899 : 2.
Nettastoma saga (non Risso): Facciola, 1899 : 3.
Saurenhelys cancrivora (non Peters): Supino, 1905b : 143 | Grassi, 1913 : 162, pl. 9 (fig. 35–44).
Facciolella physonema: Saldanha, 1965 : 3, fig. 4–7 | Saldanha & Blache, 1968 : 181, fig. 1–9, 15 | Tortonese & Casanova Queirolo, 1970 : 27, fig. 2 | Tortonese, 1970e : 334, fig. 135.
- Eggs, larvae and young stages. Bellotti, 1883 : 176 (*Leptocephalus oxyrhynchus*) | Grassi & Calandruccio, 1892 : 379 | Jordan & Davis, 1892 : 685 | Grassi & Calandruccio, 1895 : 5 | Gassi, 1896 : 372; 1897a : 261 | Facciola, 1901a : 59 | Eigenmann, 1902a : 39 | Schmidt, 1906a : 149; 1912b: pl. 4 | Lea, 1913 : 31, fig. 32, pl. 4 (4) | Grassi, 1913 : 166, pl. 9 (fig. 26–34), pl. 14 (fig. 1–2); 1914a : 41, fig. 4 | Bertin, 1926: tab. 6 | Fish, 1927 : 307 | Ancona, 1931 : 128, fig. 92–93 | Sanzo, 1938 : 3, fig. 1–12 (as *Saurenhelys cancrivora*) | Blache, 1963 : 18, pl. 30 (as *Leptocephale* 12) | Saldanha & Blache, 1968 : 195, fig. 10–14 (as *L. Facciolella physonema*, but in fact *L. Hoplunnis schmidtii*).
Otoliths (sagitta). No data.
Habitat, distribution and abundance. Benthic on continental slope. Mediterranean, eastern Atlantic (south to Angola). Common.
- 80.3 **SAURENHELYS** Peters, 1864 Gender: F
Mber. Akad. Wiss. Berlin : 397 (type: *S. cancrivora* Peters, 1864, by monotypy).
Dietrichthys Whitley, 1935, *Rec. Aust. Mus.*, 19 : 219, fig. 3 (type: *D. finitimus* Whitley, 1935, by monotypy, Australia).
- 80.3.1 **Saurenhelys cancrivora** Peters, 1864
Saurenhelys cancrivora Peters, 1864, *Mber. Akad. Wiss. Berlin* : 397 (localization not exactly known, but probably Mediterranean sea). Type lost.
Saurenhelys cancrivora: Günther, 1870, 8 : 48 | Saldanha & Blache, 1968 : 182, fig. 1 | Tortonese, 1970 : 336.
- Eggs, larvae and young stages. No data.
Otoliths (sagitta). No data.
Habitat, distribution and abundance. Benthic on continental slope. Mediterranean. Rare.
- 80.4 **VENEFICA** Jordan & Davis, 1892 Gender: F
Rep. U.S. Commnr Fish., 1888 (1892), 16 : 651 (type: *Nettastoma procerum* Goode & Bean, 1882, by orig. design., Western Atlantic).
- 80.4.1 **Venefica proboscidea** (Vaillant, 1888)
Nettastoma proboscideum Vaillant, 1888, Exp. 'Travailleur' et 'Talisman' : 84, pl. 7 (fig. 3) ('Côtes du Maroc'). Holotype: MNHN no. 84–1069.
Venefica proboscidea: Fowler, 1936 : 281 | Lozano Rey, 1947 : 541, pl. 8 (fig. 3) | Dollfus, 1955 : 111 | Postel, 1959–1960 : 149 | Maurin, 19, 26, 91.
- Eggs, larvae and young stages. Schmidt, 1909c : 5, pl. 1 (fig. 4–5) (*Leptocephalus rostratus*) | Murray & Hjort, 1912b: fig. 95 | Fish, 1927 : 308 | Ancona, 1928 : 520 | Castle, 1969 : 51.
Otoliths (sagitta). No data.
Habitat, distribution and abundance. Benthic on continental slope. Eastern Atlantic (south, perhaps to Cape Province). Not common.