

Order CHARACIFORMES

Dogtooth Tetras

Family CYNODONTIDAE

Eigenmann 1903



Hydrolycus armatus. From: Schomburgk, R. H. 1841. The Natural history of fishes of Guiana. Part I. In: W. Jardine (ed.) The Naturalists' Library. Vol. 3. W. H. Lizars, Edinburgh. 17–263, Pls. 1–30. [Schomburgk wrote the Introduction; Jardine wrote the descriptions from Schomburgk's notes and drawings.]

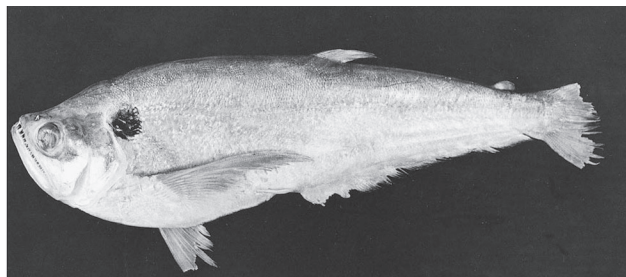
Cynodon

Spix & Agassiz 1829

cyno-, from *kynós* (Gr. κύνος), genitive of *kýōn* (κύων), dog; *odon*, Latinized and grammatically adjusted from the Greek nominative ὀδοῦς (*odoús*), tooth, referring to highly developed pair of canine teeth

***Cynodon gibbus* (Agassiz 1829)** Latin for humped, referring to gibbous (convex) keel or ventral profile

***Cynodon meionactis* Géry, Le Bail & Keith 1999** *meiōō* (Gr. μειώω), to lessen or diminish, i.e., shortened or curtailed; *aktís* (Gr. ἀκτίς), ray, referring to shorter anal fin compared with *C. gibbus*



Cynodon septenarius, holotype, 32590 mm SL. Toledo-Piza, M. 2000. The neotropical fish subfamily Cynodontinae (Teleostei: Ostariophysi: Characiformes): a phylogenetic study and a revision of *Cynodon* and *Rhaphiodon*. American Museum Novitates No. 3286: 1–88.

***Cynodon septenarius* Toledo-Piza 2000** Latin for containing seven, referring to seven branched pelvic-fin rays

Hydrolycus

Müller & Troschel 1844

hydro-, combining form of *hýdōr* (Gr. ὕδωρ), water; *lýkos* (Gr. λύκος), wolf, referring to elongated lower canine teeth

***Hydrolycus armatus* (Jardine 1841)** Latin for armed with a weapon, a “remarkable and strongly armed fish,” referring to elongated lower canine teeth

***Hydrolycus scomberoides* (Cuvier 1819)** *-oides*, Neo-Latin from *eídōs* (Gr. εἶδος): *Scomber*, a genus of mackerel, comparison not explained, possibly referring to overall shape and silvery coloration

***Hydrolycus tatauaia* Toledo-Piza, Menezes & Santos 1999** *tata* and *uai*, Tupí words for fire and tail, respectively, referring to orange coloration pattern in caudal fin

***Hydrolycus wallacei* Toledo-Piza, Menezes & Santos 1999** in honor of English naturalist Alfred Russel Wallace (1823–1913), who illustrated this species during his 1848–1852 expedition to the Amazon

Rhaphiodon

Agassiz 1829

rhaphís (Gr. ῥαφίς), needle; *odon*, Latinized and grammatically adjusted from the Greek nominative ὀδοῦς (*odoús*), tooth, referring to highly developed pair of canine teeth

***Rhaphiodon vulpinus* Spix & Agassiz 1829** Latin for fox-like, referring to highly developed pair of canine teeth



Rhaphiodon vulpinus. From: Spix, J. B. von and L. Agassiz 1829–31. *Selecta genera et species piscium quos in itinere per Brasiliam annis MDCCCXVII-MDCCCXX jussu et auspiciis Maximiliani Josephi I. Monachii* (Munich). Part 1: i–xvi + i–ii + 1–6 + 1–82, Pls. 1–48, Part 2: 83–138, Pls. 49–101. [Part 1 published June 1829, part 2 Jan. 1831.]