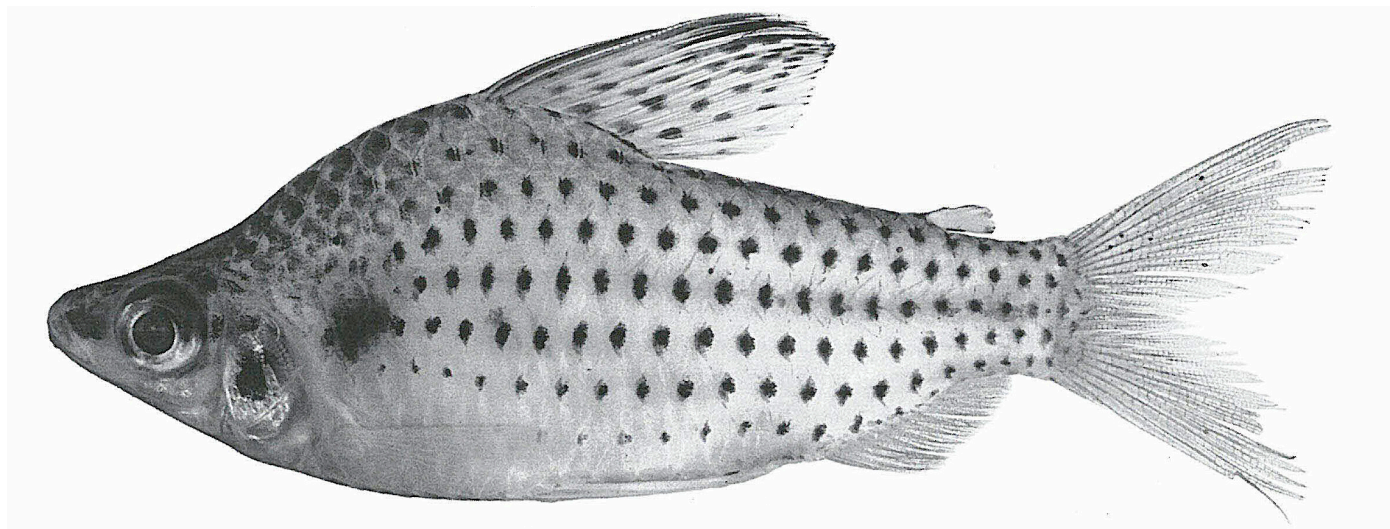


Order CHARACIFORMES

Headstanders

Family **CHILODIDAE**¹

Eigenmann 1910



Chilodus fritillus, holotype, 72.5 mm SL. From: Vari, R. P. and H. Ortega. 1997. A new *Chilodus* species from southeastern Peru (Ostariophysi: Characiformes: Chilodontidae): description, phylogenetic discussion, and comments on the distribution of other chilodontids. *Ichthyological Exploration of Freshwaters* 8 (1): 71–80.

Caenotropus

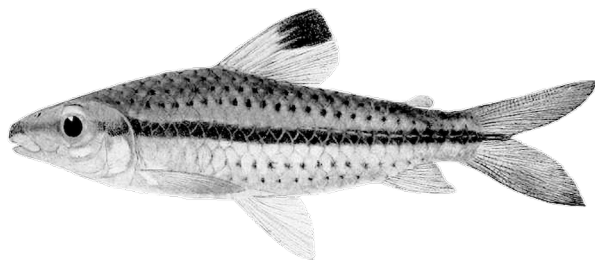
Günther 1864

etymology not explained, possibly *caeno-*, from *kainós* (Gr. καινός), new or recent, and *trópos* (Gr. τρόπος), turn or direction, if so, allusion not evident; *caeno-* could be from *caenum* (L.), mud, which, when combined with *trópos*, could refer to the fish's head-down swimming position;² but it is doubtful Günther knew of this behavior

***Caenotropus labyrinthicus* (Kner 1858)** Latin for labyrinthine, referring to similarity of last gill arch to those of labyrinth fishes of the genus *Anabas* (Anabantiformes: Anabantidae)

***Caenotropus maculosus* (Eigenmann 1912)** Latin for spotted, referring to dark spots on scales and/or conspicuous black spot on tip of anterior dorsal-fin rays

***Caenotropus mestomorgmatos* Vari, Castro & Raredon 1995** *mestós* (Gr. μεστός), full; *omorgmatos* (Gr. ὁμόρρηγματος), genitive of *ómorgma* (ὄμορρηγμα), that which is wiped off or swept away (i.e., spot, stain or dirt), referring to numerous spots of dark pigmentation on body



Caenotropus maculosus. From: Eigenmann, C. H. 1912. The freshwater fishes of British Guiana, including a study of the ecological grouping of species, and the relation of the fauna of the plateau to that of the lowlands. *Memoirs of the Carnegie Museum* 5 (1): i–xxii + 1–578, Pls. 1–103.

***Caenotropus schizodon* Scharcansky & Lucena 2007** *schizo-*, from *schízō* (Gr. σχίζω), to part or divide; *odon*, Latinized and grammatically adjusted from the Greek nominative ὀδούς (*odoús*), tooth, referring to its bifid premaxillary teeth

Chilodus

Müller & Troschel 1844

chilo-, from *cheilos* (Gr. χεῖλος), lip; *odoús* (Gr. ὀδούς), tooth, presumably referring to single row of minute teeth on both jaws

***Chilodus fritillus* Vari & Ortega 1997** Latin for a dice-box (authors say dice or spotted), referring to regular pattern on spots on body

***Chilodus gracilis* Isbrücker & Nijssen 1988** Latin for thin or slender, referring to slender body shape, body depth 3.3-3.6 in SL

***Chilodus punctatus* Müller & Troschel 1844** Latin for spotted, referring to dark spot on each scale of sides and dorsum

***Chilodus zunevei* Puyo 1946** in honor of M. (probably Monsieur) Zunêve, service agent, Eaux et Forêts (Waters and Forests), French Guiana, who provided holotype

¹ Spelling of family name changed from Chilodontidae per ICZN Opinion 2502 (31 Dec. 2024) to avoid homonymy with Chilodontidae Bronn 1859 (now rejected) in Ciliophora and Chilodontinae Wenz 1838 (retained) in Gastropoda, and because Chilodontidae is an unjustified emendation of Eigenmann's original subfamilial spelling, Chilodinae (now dated to 1910 even though Eigenmann proposed the name in 1903).

² Suggested by Holger Funk (pers. comm.).