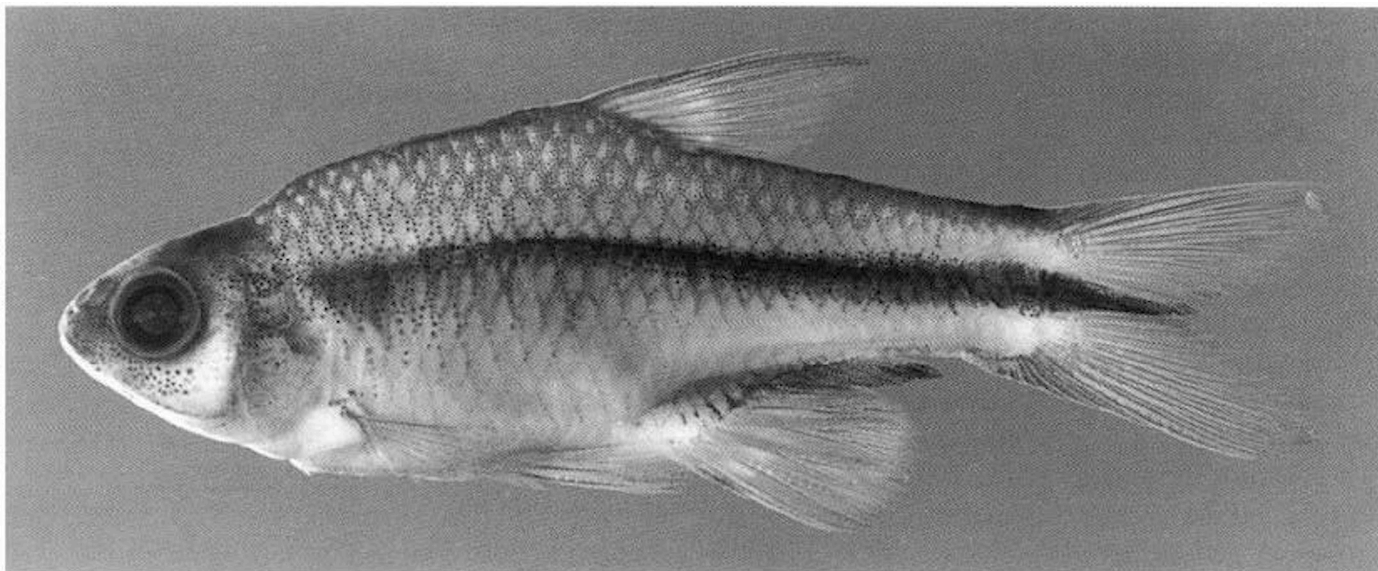


Order CHARACIFORMES

Piquiras

Family CHARACINAE

Subfamily SPINTHEROBOLINAE Mirande 2018



Spintherobolus ankoseion, holotype, male, 23.1 mm SL. From: Weitzman, S. H. and L. R. Malabarba. 1999. Systematics of *Spintherobolus* (Teleostei: Characidae: Cheirodontinae) from Eastern Brazil. Ichthyological Exploration of Freshwaters 10 (1): 1–43.

Amazonspinther

Bührnheim, Carvalho, Malabarba & Weitzman 2008

Amazon, referring to Amazon basin, where it occurs; *spinthér* (Gr. σπίνθήρ), spark, referring to closely related *Spintherobolus* and appearance of yellow neuromasts on head, also observed on *Spintherobolus*

***Amazonspinther dalmata* Bührnheim, Carvalho, Malabarba & Weitzman 2008** Portuguese word referring to spotted color pattern of the Dalmatian dog breed, which this fish resembles; origin of word is linked to the Dalmatia region of Croatia, where the breed is said to have been developed

Atopomesus

Myers 1927

átopos (Gr. ἄτοπος), peculiar; *mesus*, from *mésos* (Gr. μέσως), middle, allusion not explained, possibly referring to a “series of large scales on each side of the preventral region overlapping at the midline”

***Atopomesus pachyodus* Myers 1927** *pachýs* (Gr. παχύς), thick or stout; *odon*, Latinized and grammatically adjusted from the Greek nominative *ódoús* (*odoús*), tooth, referring to its “extremely massive and heavy” teeth



Amazonspinther dalmata. Photo by Fernando Mendonça. From: Bührnheim, C. M., T. P. Carvalho, L. R. Malabarba and S. H. Weitzman 2008. A new genus and species of characid fish from the Amazon basin: the recognition of a relictual lineage of characid fishes (Ostariophysi: Cheirodontinae: Cheirodontini). Neotropical Ichthyology 6 (4): 663–678.

Spintherobolus

Eigenmann 1911

spinthér (Gr. σπίνθήρ), spark (“emitting sparks” per Eigenmann); *obolus*, from *obelós* (Gr. ὀβελός), a spit (sharp end of a lance), which Eigenmann, who said name means “emitting sparks,” confused with the verb spit (to emit small bursts of sparks, referring to yellow neuromasts on head of *S. papilliferus*)

***Spintherobolus ankoseion* Weitzman & Malabarba 1999** *ánkos* (Gr. ἄγκος), a mountain valley or glen; *ēiōn* (Gr. ἤϊων), shore or beach, referring to its occurrence between coastal mountains and the sea

***Spintherobolus broccae* Myers 1925** in honor of aquarium-fish collector Rolf Brocca, Rio de Janeiro, Brazil, who collected holotype [although named after a man, “ae” is an acceptable way to form a genitive from a masculine noun that ends in “a”]

***Spintherobolus leptoura* Weitzman & Malabarba 1999** *leptós* (Gr. λεπτός), thin or slender; *ourá* (Gr. οὐρά), tail, referring to its relatively slender caudal peduncle



Possibly first-published images of *Atopomesus pachyodus*. Top: holotype, CAS 41736, 29.7 mm SL. Bottom: A more recently and better-preserved specimen, 25.5 mm SL. From: Esguicero, A. L. H. and R. M. C. Castro. 2016. Taxonomic revision of the genus *Atopomesus* Myers, 1927 (Characiformes: Characidae), with comments on its phylogenetic relationships. Vertebrate Zoology 66 (3): 241–249.

***Spintherobolus papilliferus* Eigenmann 1911** *papilla* (L.), bud; *ferus* (L.), bearing or carrying, referring to its “excessively developed” tactile papillae (neuromasts) on head