

Título - Title

REDESCRIPTION OF *PANAQOLUS PURUSIENSIS* LA MONTE, 1935

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Resumo - Abstract

Panaqolus purusiensis has been described on base of a single specimen. Probably the author did not know about the existence of two more specimens that have been collected together with the holotype but are deposited in different museums. Today, several museums have specimens identified as *P. purusiensis*, but most of them actually do not belong to this species. Usually they have been collected more than 30 years ago, when only two species have been described, *P. purusiensis* from the Purus drainage in Brazil and *P. dentex* from Ecuador and Peru. Nowadays there are eight described species and more than 20 known new "forms". For this study, the holotype and its two topotypes (all fully grown adults with nearly any traits of coloration left) have been examined, together with four more recently collected specimens from affluents of the Purus. An excursion to the type locality yielded additional specimens, including subadults and juveniles. Unfortunately, the holotype seems to be an aberrant individual, having eight dorsal fin rays (vs. seven in other anacistrines) and 13 caudal rays (vs. 14). Examination of 150 complementary specimens of *Panaqolus* from all described plus several new species revealed one more individual with eight dorsal rays and three individuals with 15 or 18 caudal rays. Similar pattern have been observed in *Parancistrus aurantiacus*, where one out of 15 examined specimens had eight dorsal rays and in *Pseudancistrus barbatus*, where one of 174 examined species had eight dorsal rays and 15 had 12, 13 or 15 caudal rays, showing that these counts may vary between individuals of the same species. Life photos and measurements of all examined *P. purusiensis* are presented to allow the differentiation from other species.

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Realização