Pangio lidi, a new species of loach from eastern Borneo, Indonesia
(Teleostei: Cobitidae)

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Abstract

Pangio lidi is distinguished from the other species of the P. anguillaris group by the absence of pelvic fins. It is presently known only from the Mahakam River drainage in eastern Borneo.

Key words: eel loaches, Kalimantan, Mahakam River

Introduction

Loaches of the genus Pangio are small vermiform fishes found in streams of southeast Asia (Kottelat & Lim 1993). They are most frequent in slowly flowing water among leaf litter and debris. A group of species (the P. anguillaris group, see Kottelat & Lim, 1993) is distinguished by its very elongate body, greyish colouration, and a preference for a muddier substrate.

An ichthyological survey of the upper Belayan River in the Mahakam drainage, eastern Borneo, conducted in June 2008, yielded a number of undescribed species. These include a distinctive member of the P. anguillaris group, which is described herein as P. lidi.

Material and methods

Measurements were made from point to point on the left side of the body whenever possible with a digital caliper and the data recorded to a tenth of a millimetre. The measurements and counts follow Kottelat (1990), except that head length (HL) is lateral head length. Vertebræ counts were obtained from radiographs, and vertebral notation follows Kottelat & Lim (1993). Material of the new species is deposited in: MZB, Museum Zoologicum Bogoriense, Cibinong; and CMK, collection of the second author. Comparison material is listed in Tan & Kottelat (2009).

Pangio lidi, new species
(Figs. 1–2)

Holotype. MZB 16528, 67.2 mm SL; Indonesia: Kalimantan Timur: Mahakam basin, Ulu Belayan, Sungai Petung Kanan (0°32’06”N 116°10’55”E); D. Wowor & R. K. Hadiaty, 6 June 2008.

Paratype. CMK 20805, 57.2 mm SL; same data as holotype.