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SOME LAND AND FRESH-WATER MOLLUSKS FROM PARÁ STATE, BRAZIL

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On two earlier occasions (Haas, 1949,a,b), I have reported on the shells collected in Amazonia by Dr. Harold Sioli of Belém, Pará, Brazil. This paper deals with a third shipment received from the same indefatigable and successful collector; the specimens in this lot were collected in the region of the Tapajóz river, and especially in the region of the Cuparí, a tributary. The following species are represented in this shipment:

Strophocheilus (Megalobulimus) oblongus Müller.—Caxias on Rio Cuparí; Paricatuba on the west bank of the lower Tapajóz river, specimens collected alive on one of the small islands of black soil (tena preta), pH 6.8, within the acid Amazonian

Tertiary region with a pH of only 4.5–5.0. As is noteworthy, the *oblongus*-form here mentioned is not the *S. oblongus conicus* Bequaert known from northeastern Brazil and represented, in one of the earlier shipments from Dr. Sioli, from near Obidos, Pará, Brazil.

Corona regina Férussac.—Bank of Rio Cuparé at Caxias. This seems to be one of the few exact localities from which this species has become known.

Drymaeus (Leiostracus) vittatus Spix.—Mouth of Rio Cuparí into the Rio Tapajóz. This species has apparently not been recorded before from a locality outside the states of Bahia and Pernambuco.

Gyraulus (Drepanotrema) anatinum Orbigny.—Lake Curuçá of the Cuparí River.

Aplexa (Stenophysa) rivalis Maton and Rackett.—Lake Curuçá of the Cuparí River.

Doryssa transversa macapa Moricand.—Rio Cuparí at Flechal.

Potamopyrgus (Aroapyrgus) latus Haas.—Mouth of Ingatuba Creek into the Cuparí River; Rio Cuparí at Caixas; Lake Curuçá of Rio Cuparí.

Ampullarius (Ampullarius) lineatus Spix.—Rio Cuparí at Caxias; Rio Cuparí at Galego; Lake Curuçá of Rio Cuparí.

Ampullarius (Limnopomus) nubilus Reeve.—Rio Cuparí below Flechal; source at bank of Rio Cuparí below Pinima; mouth of Caxias Creek into Rio Cuparí. This is the second report of this species generally believed to be exclusively Andean, from the lowlands of the lower Amazon (see Haas, 1949a, p. 153).

Anodontites (Lamproscapha) ensiformis Spix.—A young but unmistakable specimen of this species from Lake Curuçá of the Cuparí river; this seems to be the first record from an exact locality in the region of the lower Amazon. (See Haas, 1945, p. 15.)

Leila esula Orbigny.—Also from the Lake Curuçá of the Cuparí river and also one of the first, if not the first, record of this species from a well defined locality in Lower Amazonia.

Castalia lateriquadrata Sowerby.—Rio Cuparí at Galegos; Lake Curuçá of the Rio Cuparí; lower Cuparí River.

Triplodon (Triquetrana) jamauchimiensis F. Baker.—Rio Cuparí below Flechal; Rio Cuparí at Pedra Branca; Rio Cuparí at Galego.

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