

(station); Watson, Ironspring Creek; Lanigan; Kelliher; Touchwood, near Hudson Bay Lake.

Family VIVIPARIDAE

Campeloma decisum (Say). ONT. Fort Frances, in the Rainy River below this town; Rainy River, in the Rainy River below the Canadian National crossing. MAN. Grand Beach, the Grande Marais.

Family VALVATIDAE

Valvata tricarinata (Say). SASK. Kamsack, Madge Lake as above.

A NEW VARIETY OF ACHATINA PANTHERA FROM
MADAGASCAR

BY WILLIAM J. CLENCH AND ALLAN F. ARCHER

ACHATINA PANTHERA BEREVOENSIS, nov. var.

Shell acutely ovate, moderately solid, the ground color of the nuclear whorl whitish shading off into a pinkish buff on the body whorl, and marked throughout by somewhat irregular chocolate streaks. Nearly every streak on the body whorl is washed on the right with deep neutral grey. Surface covered with axial striae. Each whorl covered with fine spiral lines with the exception of the body whorl where they appear only in a region extending about 15 mm. below the suture: Whorls $6\frac{1}{2}$ to 7. Aperture obliquely ovate, bluish grey within, outer lip slightly buff pink, columella and parietal callus white tinged on the outer lip with coral red. Columella sharply truncate, slender, and curved outwards. Base of lip quite flaring, lip itself emarginate.

Length	Diam.	Ap. Length	Ap. Width	
133	71	68	40	M.C.Z. 31078 Cotype.
122	68	63	35	M.C.Z. 31077 Cotype.
122*	68	66	35.5 mm.	M.C.Z. 31079 Cotype.

Cotypes: M.C.Z. 31078. Forest between Mahabo and Berevo, Madagascar. F. R. Wulsin, collector. July, 1915.

M.C.Z. 31077. Berevo, Madagascar. F. R. Wulsin, collector. July 11, 1915.

M.C.Z. 31079. 10 mi. S. of Berevo (elevation 850-900 ft.) Madagascar. F. R. Wulsin, collector. July 12, 1915.

Remarks: This variety differs from *A. panthera*, s. s. as figured by Ferussac, Prodr., p. 49, no. 349; Hist., pl. 126, and as figured by Pilsbry, M. of C. (2), Vol. 17, p. 41, pl. 38, fig. 31, 1904, in the following respects: The shell is smaller, the pinkish buff ground color is spread over the body whorl contrasting with the lighter ground color of the species proper; the streaks are further apart and set in straighter lines, and contrast with those of *A. panthera*, by the less pronounced wash of neutral grey on the right; the axial striae are not so deep, while the spiral lines on the last whorl differ in being confined to a narrow subsutural area, as compared with *A. panthera* where they may be absent, or if present are scattered at irregular distances. The spire is slightly less acute; the aperture narrower as regards its length, and less ovate. The columella is slenderer, and from a side view is more concave than *A. panthera*.

* The nuclear whorl of this otherwise perfect specimen has been broken and mended, entailing a loss of about 11 mm.



Clench, William James and Archer, A. F. 1930. "A new variety of Achatina panthera from Madagascar." *The Nautilus* 43, 85–86.

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