

NOTE ON THE VARIATION AND DISTRIBUTION OF *BULIMUS*
OBLONGUS, MÜLL.

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AN interesting series of this well-known snail has recently been kindly shown me by Sir Rawson Rawson, and, since it comprises a new and well-marked variety, I thought it might be useful to tabulate the known forms.

1. Typical. Reeve, Conch. Icon. fig. 210.

a. Large. North Brazil, Guiana, Venezuela, U.S. Columbia, Trinidad, Tobago, Grenada, St. Vincent, Barbados, St. Kitts, and St. Thomas.

b. Smaller. Bolivia (D'Orbigny).

2. n. var. *albolabiata*. Of the same size as the typical form (*a*), but white beneath the epidermis; lip also white.

Hab.—Tobago (Sir R. Rawson).

3. n. var. *alba*. As large as the type (*a*), but pure white; lip rose-pink.

Hab.—Bolivia (D'Orbigny and Brit. Mus.).

4. var. *crassa* (Albers) (= *B. hamastoma*, Scopoli). Smaller than type, whitish, narrower, becoming very solid with age, lip rosy.

Hab.—Paraguay and Matto Grosso (Brit. Mus.); Ytati, Argentine Republic, and Bolivia (D'Orbigny).

5. var. *capillacea* (Pfr.). Much smaller than type (*a*), spire less conical, more obtuse at the apex.

Hab.—River Solimoës, West Brazil (Pfr.); Puerto (Martens); Corrientes, Argentine Republic (D'Orbigny); Yurimaguas, Peru (Brit. Mus.).

The extreme varieties are so different that without intermediate links we should not hesitate to consider them distinct. I am inclined, however, to follow von Martens¹ in placing *B. capillaceus* of Pfeiffer among the forms of this species.

The example figured by Scopoli,² regarded (erroneously) by some as the type of the genus *Bulimus*,³ belongs apparently to the variety *crassa*.⁴ The figure is considerably out of drawing, the spire being too much produced, but the body-whorl is narrow (41 mm.) and oblong as in this variety. The most interesting specimens belong to the var. *albolabiata*. According to Sir R. Rawson they live under the same conditions as the normal coloured form. The cause of this absence of colour is therefore, at present, a matter of mere conjecture.

¹ In Pfeiffer's Novitates, vol. v. p. 19.

² Delic. flor. et faun. Insubr. p. 67, pl. xxv. figs. 1, 2.

³ Vide Smith, P.Z.S., 1893, pp. 635, 636.

⁴ *B. seneri*, Jousseaume, Bull. Soc. Zool. France, 1884, vol. ix. p. 169, pl. iv. fig. 3, is closely allied to this variety.



Smith, E. A. 1894. "NOTE ON THE VARIATION AND DISTRIBUTION OF BULIMUS OBLONGUS, MÜLL." *Proceedings of the Malacological Society of London* 1, 137–137.

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