

Hab. N. GUATEMALA: Coban, dep. Vera Paz ^{3 10} (*coll. Cuming* ¹; *Delattre* ²⁻⁶, *Salvin* ⁸, *Sarg* ⁷); Alta Vera Paz (*Bocourt* ⁶, *Boucard* ⁹); Purula, upper part of the Polochic Valley (*Champion*).

CENTRAL GUATEMALA: Guatemala city (*Champion*).

Rather variable in the relations of length and diameter, in the proportion of the last whorl to the whole length, in the size of full-grown specimens, and also in the presence or want of a light rounded angulation in the upper part of the last whorl.

The var. β shows in the upper whorls no difference from the type; but the lower whorls are pale yellow instead of reddish-orange (without periostracum white), and the aperture is bordered by a narrow band of bright red. It is chiefly found at Coban, with the type.

G. binneyana (Pfr. *op. cit.* iv. p. 638), Fischer and Crosse (*op. cit.* p. 93), and Strebel (*op. cit.* p. 27), probably belongs to the same species. Pfeiffer's description and measurements agree well with a middle-sized specimen from Coban; he gives no locality, but Fischer and Crosse state that a specimen has been found by Mr. O. Salvin in Vera Paz. I have examined this specimen: it is very worn and belongs no doubt to *A. fusiformis*. The author's description, "parum nitens, carnea," is very applicable to a somewhat worn example, in which the colour has become more reddish. The spiral lines, which are very fine in well-preserved specimens, having disappeared wholly in worn ones, Dr. Pfeiffer has placed his *G. (Oleacina) binneyana* in another division "§ 5, longitudinaliter striatæ vel costulatæ," far from *G. fusiformis*, which is in "§ 6, decussatæ"; Strebel is the first who has recognized its close resemblance to *G. fusiformis*.

The measurements of not quite full-grown specimens are:—

Long. 70, diam. 31, apert. 45 millim.

„ 68, „ 29½, „ 40 „

8. *Glandina ghiesbreghti*.

Achatina (Oleacina) ghiesbreghti, Pfr. P. Z. S. 1856, p. 379 ¹.

Oleacina ghiesbreghti, Pfr. Malak. Blätt. iii. p. 235 (1850) ²; Monogr. Helic. Vivent. iv. p. 644 ³.

Glandina ghiesbreghti (Pfr.), v. Mart. in Albers's Die Helic. ed. 2, p. 26 ⁴; Strebel, Beitr. Mex. Land- und Süssw.-Conch. ii. p. 39, t. 10. figg. 31 a-e ⁵.

Hab. CHIAPAS (*Ghiesbreght* ¹⁻⁵).

Very distinct by the angular swelling in the upper part of the last whorl, and its considerable attenuation below. Rather solid.

9. *Glandina decussata*.

Achatina decussata, Deshayes, in Férussac's Hist. Nat. Moll. Terr. ii. p. 182, t. 123. figg. 3, 4, & t. 134. figg. 33-35 ¹; Pfr. Monogr. Helic. Vivent. iii. p. 519 ².

Glandina decussata (Desh.), Morelet, in Journ. de Conch. iii. p. 136 ³; Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 112 (part.) ⁴; Strebel, Beitr. Mex. Land- und Süssw.-Conch. ii. p. 34, t. 10. figg. 22, 22 a-f ⁵.