

The spelling "*vanuxemensis*" is incorrect, the species having been named in honour of Prof. Vanuxem, not from a locality.

Most authors have retained *G. coronata* and *G. vanuxemi* as distinct species; but Pfeiffer, myself, and Strebel had no specimen of *G. vanuxemi*, and the American authors not one of *G. coronata*, for direct comparison. Fischer and Crosse do not appear to have had any additional materials for judging them: they give the absence of white spots in *G. coronata* and that of brown lines in *G. vanuxemi* as distinctive characters. But the Berlin Museum has specimens in which both are very distinctly combined, and Binney's figure ^{6 7} shows very distinctly the brown lines also in *G. vanuxemi*.

Var. *guttata*.

Glandina guttata, Crosse & Fischer, in Journ. de Conch. xvii. p. 250 (1869) ¹; Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 102, t. 3. figg. 3, 3 a ².

Oleacina guttata (Cr. & Fisch.), Pfr. Monogr. Helic. Vivent. viii. p. 330 ³.

Hab. CENTRAL MEXICO: near Puebla, rare (*Boucard* ^{1 2 3}).

3. *Glandina sowerbyana*. (Tab. II. figg. 3, 3 a, 3 b, 3 c.)

Achatina (*Glandina*) *sowerbyana*, Pfr. P. Z. S. 1846, p. 32 ¹.

Achatina sowerbyana, Pfr. Monogr. Helic. Vivent. ii. p. 292 ²; Reeve, Conch. Icon. vi., *Achatina*, t. 8. fig. 26 ³.

Glandina sowerbyana (Pfr.), Albers, Die Helic. p. 198 (1850) ⁴; Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 98 ⁵; Strebel, Beitr. Mex. Land- und Süßw.-Conch. ii. pp. 14-16 (Forms A & B), t. 5. figg. 10, 10 a-o ⁶; iii. pp. 7, 34, 50, tabb. 15-20 (observations on the living animal); Jousseume, Bull. Soc. Zool. Fr. iii. p. 169 (1878) ⁷; Angas, P. Z. S. 1879, p. 480 ⁸.

Oleacina sowerbyana (Pfr.), Gray, Cat. Pulm. p. 33 ⁹; Pfr. Monogr. Helic. Vivent. iv. p. 642 ¹⁰.

Glandina lignaria (Reeve), Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 97, t. 3. fig. 1 ¹¹; Angas, P. Z. S. 1879, p. 479 ¹².

Hab. E. MEXICO: Misantla, San José, San Juan Miahuatlan, and Pacho, near Jalapa (*Strebel*); Jalapa (*Höge*); Mirador, State of Vera Cruz 2630 feet above the sea (*Strebel*); Cerro Necoxtla between Jalapa and Orizaba 3000 to 5000 feet (*Botteri* ⁶); Orizaba (*Botteri* ¹¹).

S.W. & S. MEXICO: Omilteme, State of Guerrero (*H. H. Smith*); Totontepec, State of Oaxaca ² (*coll. Cuming* ^{1 4}).

N. GUATEMALA: Vera Paz (*Boucard* ⁷).

CENTRAL GUATEMALA: Guatemala city (*Champion*).

E. & W. COSTA RICA: only in elevated districts, as high as 6000 feet (*Gabb* ^{8 12}); Rio Jesus Maria (*coll. Seebach*); Caché (*Rogers*); San José (*Koschny*: figg. 10, m-o ⁶; and *Biolley*).

PANAMA: Chiriqui (*Ammon* ⁶); Volcan de Chiriqui 3000 feet above the sea (*Champion*).