

A. *Plexæ*.1. *Glandina indusiata*. (Tab. II. figg. 1, 1 a.)

*Oleacina indusiata*, Pfr. P. Z. S. 1860, p. 138<sup>1</sup>; Malak. Blätt. viii. p. 79 (1861)<sup>2</sup>; Monogr. Helic. Vivent. vi. p. 284<sup>3</sup>.

*Glandina indusiata* (Pfr.), Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 121, t. 6. fig. 1<sup>4</sup>.

*Glandina truncata*, var., Strebel, Beitr. Mex. Land- und Süßw.-Conch. ii. p. 6, t. 3. fig. 3 e<sup>5</sup>.

*Hab.* CENTRAL MEXICO: Angangueo in Michoacan, a young specimen (*Deppe*<sup>5</sup>).

S. MEXICO: La Parada in Oaxaca (*Sallé*<sup>1 4</sup>), Oaxaca (*Höge*).

Easily recognizable by its ventricose form and comparatively very feeble sculpture. The relative width of the last whorl is somewhat variable, as will be seen by comparing the two figures.

2. *Glandina vanuxemi*. (Tab. II. figg. 2 a, 2 b, 2 c.)

*Achatina vanuxemensis*, Lea, Trans. Am. Phil. Soc. v. p. 84, t. 19. fig. 78 (1832)<sup>1</sup>; Pfr. Monogr.

Helic. Vivent. ii. p. 294<sup>2</sup>; Reeve, Conch. Icon. vi., *Achatina*, t. 13. fig. 48<sup>3</sup>.

*Achatina* (*Glandina*) *vanuxemensis* (Lea), Pfr. Symb. Hist. Helic. iii. p. 91<sup>4</sup>.

*Glandina vanuxemensis* (Lea), Albers, Die Helic. p. 198<sup>5</sup>; Binney, Terr. air-breathing Moll. U.S. ii. p. 299, t. 62. fig. 1<sup>6</sup>; Binney & Bland, Land and Freshw. Shells of N. Am. i. p. 15, fig. 4<sup>7</sup>; Binney, Man. of Am. Land-Shells, p. 347<sup>8</sup>.

*Oleacina vanuxemensis* (Lea), Gray, Cat. Pulm. p. 36<sup>9</sup>; Pfr. Monogr. Helic. Vivent. iv. p. 643<sup>10</sup>.

*Glandina vanuxemii*, Tryon, Amer. Journ. Conch. ii. p. 226, t. 16. fig. 6<sup>11</sup>; Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 100<sup>12</sup>; Strebel, Beitr. Mex. Land- und Süßw.-Conch. ii. p. 14<sup>13</sup>.

*Achatina coronata*, Pfr. in Zeitschr. für Malak. 1846, p. 158<sup>14</sup>; Monogr. Helic. Vivent. ii. p. 293<sup>15</sup>; Martini & Chemnitz, Syst. Conch.-Cab. ed. 2, *Achatina*, no. 77,<sup>1</sup> p. 344, t. 38. figg. 1, 2<sup>16</sup>.

*Glandina coronata* (Pfr.), Albers, Die Helic. p. 198<sup>17</sup>; v. Mart. in Malak. Blätt. xii. p. 10 (1865)<sup>18</sup>; Fischer & Crosse, Miss. Scient. Mex., Mollusca, i. p. 101<sup>19</sup>; Strebel, Beitr. Mex. Land- und Süßw.-Conch. ii. pp. 13, 14, t. 3. figg. 9, 9 a, b<sup>20</sup>; iii. pp. 7, 45 (anat.), & t. 11. fig. 3 (radula)<sup>21</sup>.

*Oleacina coronata* (Pfr.), Gray, Cat. Pulm. p. 33<sup>22</sup>; Pfr. Monogr. Helic. Vivent. iv. p. 642<sup>23</sup>, & vi. p. 282<sup>24</sup>.

*Hab.* CENTRAL MEXICO: Volcan de Mexicalcingo 400 to 500 feet above the plateau (*Deppe & Schiede*<sup>18</sup>); Cuernavaca, Tehuacan (*Höge*); Mexico, without nearer indication of locality (*Vanuxem*<sup>1-4</sup>, *Liebmann*<sup>14 15 16</sup>).

S.W. & S. MEXICO: Omilteme in Guerrero (*H. H. Smith*); Oaxaca (*Höge*); Juquila, west of Oaxaca<sup>24</sup>.

The Omilteme examples have the spire somewhat more slender and the coloration darker; they reach the large size of long. 100, diam. 42, apert. 58 millim., and show in younger specimens the peculiar coloration of small whitish spots and dark brown short spiral lines in front of them very distinctly.

The species is said to occur also in Texas<sup>6 7 8 11</sup>.