

30<sup>5</sup>; Monogr. Pneum. Vivent. i. p. 376<sup>6</sup>; Gray, Cat. Phaneropn. p. 272<sup>7</sup>; v. Mart. in Malak. Blätt. xii. p. 10 (1865)<sup>8</sup>; Sow. Thes. Conch. iii. p. 287, t. 272. figg. 233–236<sup>9</sup>; Reeve, Conch. Icon. xix., *Helicina*, t. 16. fig. 145<sup>10</sup>; Strebel, Abhandl. Geb. Naturw. Ver. Hamb. vi. 1, p. 16 (excl. var.), t. 1 *a*, figg. 10, 10 *a*, 10 *b*, & t. 2. fig. 10<sup>11</sup>.

? *Helicina ambieliana*, de Boissy, in Guérin's Mag. Zool. 1835, t. 68<sup>12</sup>; Potiez et Michaud, Galerie d. Moll. i. p. 228. t. 23. fig. 2<sup>13</sup>.

*Helicina trossula*, Morelet, Test. Noviss. i. p. 19<sup>14</sup>.

Var. *Helicina strebeli*, Pfr. in Malak. Blätt. viii. p. 173 (1861)<sup>15</sup>; Monogr. Pneum. Vivent. iii. p. 232<sup>16</sup>; Strebel, loc. cit. p. 18, t. 1 *a* & t. 2. fig. 11<sup>17</sup>.

Var. *Helicina brevilabris*, Pfr. P.Z.S. 1856, p. 380<sup>18</sup>; Monogr. Pneum. Vivent. ii. p. 204<sup>19</sup>; Reeve, Conch. Icon. xix., *Helicina*, t. 33. fig. 296 (magnified)<sup>20</sup>.

*Hab.* CENTRAL MEXICO: Cuernavaca (*H. H. Smith*).

E. MEXICO: Papantla (*Deppe & Schiede*<sup>8</sup>); Vera Cruz and Misantla (*Strebel*<sup>11</sup>); Mirador (*Berendt*<sup>15 16</sup>; *Strebel*<sup>15 16 17</sup>); Cordova, Atoyac, and Cuesta de Misantla (*Höge*); Tabasco (*Höge*); Teapa and San Juan Bautista in Tabasco (*H. H. Smith*).

S.E. MEXICO: Chiapas<sup>20</sup> (*Ghiesbreght*<sup>18 19</sup>).

N. GUATEMALA: Province of Peten<sup>7</sup> (*Morelet*<sup>14</sup>); Coban (*Salvin*); Senahu, north of the Polochic Valley (*Champion*); Guatemala<sup>4 9 10</sup>.

*Var.*: viridula, elatior.

*Helicina beatrix*, Angas, P. Z. S. 1879, p. 484, t. 40. fig. 13<sup>21</sup>.

*Hab.* COSTA RICA: on the hills, up to an elevation of 2500 feet (*Gabb*<sup>21</sup>).

The general colour is very variable in this species—whitish, yellow, pale red, or even somewhat greenish,—often without band, often with a narrow one, few specimens with a broad one like *H. heloisæ*. *H. beatrix* seems to be somewhat more elongate; its colour approaches that of *H. anozona*; a similar coloration—greenish, the penultimate whorl red—is also seen in specimens from Misantla, the form of which is that of the typical *flavida*.

Some of the older conchologists<sup>6 7 12</sup> give also Jamaica, Cuba, and the island of Tobago as habitats of this species; but these assertions are not corroborated by later researches. *H. trochulina*, Orb., from Puerto Rico and ? Cuba, is, indeed, nearly allied, but remarkably thinner, almost diaphanous, and more elongate.

#### V. *Elate trochiformes*.

##### 25. *Helicina chryseis*. (Tab. I. fig. 14.)

*Helicina chryseis*, Tristr. in P. Z. S. 1861, p. 233<sup>1</sup>; Pfr. Monogr. Pneum. Vivent. iii. p. 238<sup>2</sup>.

*Hab.* GUATEMALA: mountain-forests of Vera Paz<sup>2</sup> (*Salvin*<sup>1</sup>).

Distinguished from the other small yellow conoidal species by the distinct angulation and the dull somewhat rough (not glossy) surface.