

15. **Volucella comstocki.**

*Volucella comstocki*, Willist. Synopsis N.-Am. Syrphidæ, p. 138, t. 6. f. 9<sup>1</sup>.

*Hab.* UNITED STATES, Arizona<sup>1</sup>, New Mexico<sup>1</sup>.—MEXICO, Northern Sonora (*Morrison*).

A single specimen, agreeing well with the description.

16. **Volucella haagi.**

*Volucella haagii*, Jaennicke, Neue exot. Dipt., in Abh. Senck. Ges. vi. p. 397<sup>1</sup>; Willist. Synopsis N.-Am. Syrphidæ, p. 147, t. 5. f. 8<sup>2</sup>.

*Temnocera setigera*, Osten Sacken, Western Diptera, in Bull. U.S. Geol. & Geogr. Survey, iii. p. 334<sup>3</sup>; v. d. Wulp, Tijdschr. v. Ent. xxv. p. 126, t. 10. f. 10<sup>4</sup>.

*Hab.* UNITED STATES, New Mexico<sup>2 3</sup>, Arizona<sup>2 4</sup>.—MEXICO<sup>1</sup>, Northern Sonora (*Morrison*), Amula in Guerrero (*H. H. Smith*), Jaral in Guanajuato (*Schumann*).

Four specimens, agreeing well with the descriptions.

17. **Volucella opinator**, sp. n., ♀. (Tab. I. figg. 14, ♀; 14 *a*, head; 14 *b*, antenna.)

Face and front shining yellow, the former narrow, with black pile; antennæ nearly of the same colour; cheeks with a faint stripe. Antennæ not a third of the length of the face; third joint rather broad, scarcely three times as long as wide; arista thinly plumose, much longer than the third joint. Face, in profile, projecting well downward and forward, considerably concave below the antennæ, and with an elongate, obtuse tubercle. Thorax yellow; pectus black; mesonotum, except the sides and a quadrate spot behind, brownish-red, subvittate, with violaceous reflections. Scutellum somewhat reddish above, flattened before its tip. Mesopleuræ, sides of mesonotum, and the margin of the scutellum with conspicuous black bristles, those on the scutellum moderately remote at the apex; also a transverse row of bristles in front of the scutellum. Abdomen yellow, posteriorly more reddish or brownish-yellow; posterior margin of the second and third segments with a narrow blackish band, due, in part, to the ground-colour, in part to the short recumbent black hairs; fourth segment with a transverse streak, and the hind margin, blackish, perhaps variable. Legs brownish-red; tips of the tarsi blackish; distal end of the middle femora posteriorly with short black bristles. Wings nearly hyaline; central cross-veins, anterior cross-vein, stigma, tip of marginal cell, and outer cross-veins with dark brown clouds; marginal cell at tip almost imperceptibly widened.

Length 12 millim.

*Hab.* MEXICO, Atoyac in Vera Cruz (*H. H. Smith*).

One specimen.

18. **Volucella macula.**

*Volucella macula*, Wiedem. Aussereur. zweifl. Ins. ii. p. 200<sup>1</sup>; Macq. Dipt. Exot. ii. 2, p. 24, t. 4. f. 1<sup>2</sup>; Willist. Trans. Am. Ent. Soc. xv. p. 272<sup>3</sup>.

*Hab.* MEXICO, Teapa in Tabasco (*H. H. Smith*).—SOUTH AMERICA, Brazil<sup>1 2 3</sup>.

A single male specimen from Teapa, agreeing closely with others from Brazil.