

✓ 25. **Sphærophthalma minutissima.**

*Sphærophthalma minutissima*, Blake, Trans. Am. Ent. Soc. xiii. p. 253<sup>1</sup>.

*Hab.* MEXICO (*Sumichrast*<sup>1</sup>).

✓ 26. **Sphærophthalma psammadroma.**

*Mutilla psammadroma*, Blake, Trans. Am. Ent. Soc. iii. p. 254<sup>1</sup>.

*Sphærophthalma psammadroma*, Blake, op. cit. xiii. p. 253<sup>2</sup>.

*Hab.* MEXICO (*Sumichrast*<sup>1 2</sup>).

✓ 27. **Sphærophthalma ferruginea.**

*Mutilla ferruginea*, Smith, Descr. of New Species of Hymen. p. 226 (1879)<sup>1</sup>.

*Sphærophthalma ferruginea*, Blake, Trans. Am. Ent. Soc. xiii. p. 249<sup>2</sup>.

*Hab.* MEXICO, Orizaba<sup>1 2</sup>.

*S. ferruginea* probably belongs to this section, for the head is described as "wider than the thorax, subquadrate, the hinder angles acute, the posterior margin nearly straight." It is entirely ferruginous. The insect, however, may belong to Division B, as the first segment of the abdomen is described as "small."

The next four species have the keel behind the head not very distinct. They agree closely in coloration, having the head and thorax entirely black (or with the pleuræ more or less testaceous), and coarsely clothed with silvery, or more often with golden, pubescence; the abdomen black, with two large, or two large and two small, orange spots, the hinder segments fringed with silvery hair; the head broader than long, not bulging out much behind the eyes; the thorax narrowed behind, contracted in the middle.

The following synopsis will aid in their determination:—

- 1 (2). The pubescence on the head and thorax silvery, the abdomen with only two orange spots . . . . . *amphissa*.
- 2 (1). The pubescence on the head and thorax bright golden; the abdomen with four orange spots.
- 3 (4). The pleuræ entirely black . . . . . *orithyia*.
- 4 (3). The pleuræ more or less testaceous.
- 5 (6). The pleuræ entirely testaceous; the thorax above covered entirely with golden pubescence; a stout tooth before the middle of the thorax . . . *lycimnia*.
- 6 (5). The propleuræ only testaceous; the thorax at the sides only covered with golden pubescence; no stout tooth before the middle of the thorax; the head distinctly bulging out behind the eyes, behind concave . . . *phedyma*.