

*punctata*, but, in addition, each fresh flower contained a single bee. On sorting out the bees after returning home, I was astonished to find they were all of the genus *Xenoglossa*, and included three species, viz.: *X. pruinosa*, Say, 4 ♂; *X. patricia*, n. sp., 1 ♂; *X. cucurbitarum*, n. sp., 3 ♂. *X. patricia* is nearest to *X. fulva*, but it is larger and stouter, and the head and thorax are black. It has no resemblance to any of the other species. Smith's *Melissodes rubricata*, from Oajaca, Mexico, is coloured much like *X. patricia*; may it perhaps be a *Xenoglossa*? It differs from *patricia* by the black pubescence on the legs, etc.

*Xenoglossa cucurbitarum*, n. sp.—♂. Length about 20 mm.; not so stout as *X. patricia*; black, thorax covered with short orange-fulvous pubescence, legs bright chestnut-red. Head broad, orbits nearly parallel, eyes black; face, cheeks and occiput with rather thin pubescence, long and fulvous on occiput, becoming whitish on cheeks and lower part of face. Vertex more or less punctured, the punctures running into linear grooves on the front. A shining channel descending from middle ocellus. Clypeus closely punctured, lemon-yellow, with its whole upper margin and extreme sides rather broadly black, anterior edge rufous, simple. Labrum yellow, with pubescence as in *patricia*. Mandibles with a large yellow patch, the outer end of which becomes rufous. There is a large, short tooth on the inner side of the mandibles, not far from the base;—this is wanting in *patricia*. Antennæ reaching only to tegulæ, piceous, scape and flagellum dark rufous; first joint of flagellum a little longer than the two following together. Tegulæ reddish-testaceous. Wings smoky, nervures piceous, venation as in *patricia*. Legs with short reddish-fulvous pubescence, spurs rufous, claws black at ends, strongly bifid. Abdomen black, shining, punctured, base of first segment with fulvous hairs; second segment at sides, and the other segments all over, more or less covered with very short, appressed, fulvous pile. Apex produced and truncate, much as in *patricia*. Sixth segment with a tooth on each side.

Habitat.—Mesilla, N. M., as described above.

The following table will serve to separate the species of *Xenoglossa*:—  
Legs, except the tarsi, black.

- Flagellum ferruginous or testaceous, at least beneath; ♂ with a transverse yellow band on clypeus . . . . . *ipomææ*, Rob.  
Flagellum black, or nearly so; ♂ with a yellow spot on clypeus, sometimes wanting; ♂ with first joint of flagellum very short . . . . . *pruinosa*, Say.