

SOME NEW OR LITTLE-KNOWN BEES.—IV.

BY CHARLES ROBERTSON, CARLINVILLE, ILLINOIS.

ANTHEMURGUS, gn. nov.

Glossa lanceolate, shorter than mentum; paraglossæ reaching to joint 4 of labial palpi; maxillary palpi six-jointed, longer than lamina, joints short; labial palpi with joints subequal, first one robust; marginal cell about as long as first discoidal, obliquely truncate, appendiculate; cubital cells equal, second receiving the first recurrent nervure about one-third from base and the second near apex; facial foveæ present in both sexes; tibial scopa of female thin, with rather long simple hairs.

A. passifloræ, sp. nov.—♀. Black, shining; head coarsely punctured; mesonotum closely and finely punctured, also with some scattered coarser punctures, trisulcate anteriorly; metathorax with the disc rather finely reticulated, the sides finely punctured; abdomen with apical margins of segments 1-4 shining, impunctate, segment 1 sparsely, 2-5 more closely, punctured; labrum with shining space broader at base and apex; mandibles rufous; apical half of wings clouded; middle metatarsus broader than hind one; middle spur finely pectinate, about one-fifth the length of the metatarsus; pubescence thin, short, longer on the legs, sides of metathorax and segments 5-6 of abdomen; pale, except on segments 5-6, where it is blackish. Length, 8 mm.

♂.—Resembles the female; mandibles, anterior tibiæ in front, and sometimes middle ones, and all the tarsi, reddish; a longitudinal yellow stripe on the clypeus and on each side of face. Length, 8 mm.

Carlinville, Illinois; 7 ♀, 5 ♂ specimens.

This species is oligotropic; the female gets her pollen exclusively from flowers of *Passiflora lutea*.

Perditella boltoniæ, sp. nov.—♀. Head and thorax greenish, shining, finely roughened, sparsely punctured; pubescence thin, pale; basal joint of labial palpi longer than the next three together; mandibles, except base, rufous; clypeus whitish; facial foveæ linear; legs dark, tarsi testaceous, claws simple; tegulæ pale testaceous; wings hyaline, nervures pale, subcostal nervure and borders of stigma and marginal cell darker; marginal and first cubital cells about equal, a little shorter than stigma; cubital cell 2 narrowed about $\frac{2}{3}$ towards marginal, receiving recurrent nervure 1 just within, recurrent 2 interstitial with the second transverse cubital; third discoidal cell present; abdomen depressed, obovate, blackish, segments 2-3 each with a linear whitish band on each side of base. Length, 5 mm.