

NOTES ON BEES OF THE GENUS *PROSOPIS*, WITH
DESCRIPTIONS OF NEW SPECIES.

BY CHARLES ROBERTSON, CARLINVILLE, ILLINOIS.

Prosopis affinis, Sm.

Twenty-four male and female specimens sent to Mr. Cresson in 1887 were identified as this species. Since that time I have regarded it as a variable species, and in my last paper (Trans. Am. Ent. Soc., XXII., 116) indicated it as a synonym of *P. modesta*, Say. I now think there are two species, closely allied, but characterized as follows:—

Prosopis affinis, Sm., ♀.—Black, head and thorax opaque, closely punctured; abdomen almost impunctate, first segment smooth and shining, lateral apical margin with a patch of whitish pubescence; flagellum testaceous beneath; subtriangular mark on each side of face, two spots on collar, tubercles, spot on tegulae, edge of wing base beyond tegulae, and base of all the tibiae, lemon-yellow; enclosure of metathorax strongly rugose at base; wings hyaline. Length, 5–6 mm.

♂.—Resembles the female; first segment of abdomen less shining, more punctate, apical margins of segments subtestaceous and subfasciate; face below antennae, ascending broadly on each side nearly to summit of scape and notched around insertion of antennae, labrum, mandibles, except rufous tips, concave exterior edge of scape, two spots on collar, spot on tegulae, edge of wing base, tubercles, tarsi, and tibiae, except a spot behind anterior and middle pairs and ring on posterior pair, lemon-yellow. Length, 5–6 mm.

Illinois; 16 ♂, 11 ♀ specimens.

Four males differ only in having no yellow on scape; one of these also without a spot on tegulae.

I think there is no question but that this is the *P. affinis* of Smith, but the male described by him probably does not belong to it. If, however, this should prove to be distinct from *P. affinis*, the name of *Prosopis sizia* is proposed for it.

Prosopis modesta, Say, ♀.—Closely resembles the female of *P. affinis*; wing a little more dusky, the extreme base without yellow, tegulae rarely with a small spot in front. Length, 4–6 mm.

♂.—Scape stout, not strongly concave exteriorly, as in preceding, first segment of abdomen less punctate, more smooth and shining; face below antennae, narrowing to a point on each side at eye margin; two