

Legs wholly rufous, or fulvous; ♂ with first joint of flagellum long.

Head and thorax fulvous.....*fulva*, Smith.

Head and thorax black.

Abdomen chestnut-red.....*patricia*, Ckll.

Abdomen black.....*cucurbitarum*, Ckll.

*X. pruinosa*, I have from Pennsylvania and New York; thence to Mesilla is a wide range. *X. fulva* ranges from Lower California to Arizona and southward to Puebla, Mexico; its range seems not to touch that of *pruinosa*. *X. ipomæe* is only known from Carlinville, Illinois, where Mr. Robertson found it and *X. pruinosa* visiting *Ipomæa pandurata*.

The above was written June 21. On June 22, at about 7:45 a. m., the flowers of *C. perennis* were open, and about twenty minutes collecting yielded: *X. pruinosa*, 5 ♂; *X. patricia*, 2 ♂, 1 ♀; *X. cucurbitarum*, 4 ♂, 4 ♀. The honey bees were also visiting the flowers, but seemed disconcerted to find fat *Xenoglossæ* at the bottom of them. In one flower was found an *Agapostemon texanus*, which, it may be remarked, is not so blue with us as Cresson's Texan types, though otherwise agreeing.

The females of *X. patricia* and *X. cucurbitarum* resemble the males in size and appearance; the scopa of the hind legs is fairly abundant, but loose; it is distinctly plumose. In both, the rufous hind tibiæ, on the outer surface, exhibit many small black spots. The legs of *cucurbitarum* ♀ are suffused with black at the base, to a variable extent. In *patricia* ♀ the clypeus and labrum are rufous, the mandibles are rufous without at base, and present a reddish-orange streak on the distal half, this being separated from the rufous by black. In *cucurbitarum* ♀ the clypeus is black, with sometimes an obscure reddish or yellowish spot near the anterior edge, its outline not clearly defined; the labrum also is black, reddish at its upper median border; the mandibles have an obscure yellow spot near the base, and sometimes a streak as in *patricia*. The hairs surrounding the pygidium in both species are bright orange-fulvous.

*Podalirius cleomis*, n. sp.—♂. Length, 12 mm., stout, black. Head broad, with long but not very dense pubescence, gray and black mixed, hairs on cheeks beneath long and white. Clypeus (except broad black lateral borders), a narrow supraclypeal band interrupted in middle, triangular lateral face-marks, labrum (except a black boss on each side next to upper margin), and a large patch on outside of mandibles, pure white.