

the tip; first joint of flagellum not quite as long as the second and third combined; mandibles black; vertex deeply but not very closely punctate. Thorax covered with gray hair, quite thick below and anteriorly; mesothorax before deeply and a little more thickly punctured than vertex anteriorly, and the scutellum more largely but less closely punctate; postscutellum similar to anterior mesothorax, while the metathorax is quite finely and closely punctate; below the wings the thorax is closely and roughly punctured; tegulæ and nervures rufous, the stigma with a light spot before; wings hyaline, much clouded at tip, marginal cell truncate and strongly appendiculate. Abdomen with white basal hair bands; first segment deeply but not thickly punctured; second, third, and fourth not as deeply and more closely punctate; fifth more deeply and quite roughly punctate, and with a heavy rufous hair band posteriorly; abdomen below with long and not distinctly separated hair bands, more finely punctate than above. Legs hairy, all except first joint of anterior, and the last joint of the middle tarsi rufous; hind tarsi black; anterior spur one-half as long as first joint tarsi, middle spur two-thirds as long as first joint of middle tarsi, and lateral spurs shortest of all, rufous; claws cleft with several teeth inside.

Described from one ♀ taken at Topeka, Kansas, in 1864, by Mr. J. E. Taylor, and numbered 1,043 in my collection. Prof. T. D. A. Cockerell (after whom I have named this species, as a slight token of respect and of my gratitude for his many favours) pronounces this to be a valid new species. I would adopt his table (as published on p. 92 of the *Annals and Mag. Nat. Hist.*, July, 1896) as follows:

A. Large species.

(1) Stigma ferruginous.

(a) Hairy, tegulæ rufous, knees yellow *Cockerelli*, Dun.

(b) Not so hairy, tegulæ yellow spotted, 4 anterior knees yellow *mexicanorum*, Ckll.

(2) Stigma dark *asclepiadis*, Ckll.

B. Small species.

(1) Tarsi piceous in ♀.

(a) Postscutellum and metathorax brownish . . . *maurula*, Ckll.

(b) Postscutellum and metathorax black *trifoliata*, Ckll.

(2) Tarsi rufous in ♀, yellowish-white in ♂ . . . *heteromorpha*, Ckll.