

locality the species occur in the proportion usually of three *scutellaris* to two *formosa* and one *venusta*.

*C. venusta*, Lec., usually considered a variety of *formosa*, is claimed to be a valid species by Mr. H. C. Fall, of Pasadena, California. Mr. Fall bases his conclusion on habits and secondary sexual characters, and is undoubtedly correct in his claim.

I have taken it for a number of years in the sand hills near Medora, associated with *scutellaris* and *formosa*, as noted above. It is found, however, much nearer the pools at the bottom of sand "blow-outs" than either of these species. I also took a single specimen of *venusta* on the clay bluffs south of the Smoky Hill River at Wallace, Kansas, in July.

*C. fulgida*, Say, is reported from Western Kansas, in the valley of the Smoky Hill River, but I have only taken it along the edges of the salt marsh three miles west of Kackley, in Republic County. The present season I found it in numbers on July 7th. The height of its season is probably from June 20th to July 10th. It is taken with *togata* and *circumpicta*, and flies more quickly, but does not run so rapidly as these species. The red markings of some of the specimens had become almost black.

*C. vulgaris*, Say, occurs over Eastern and Central Kansas. I find it in abundance in Reno County, associated sometimes with *formosa* and *scutellaris*, and at other times with *repanda* and *hirticollis*; usually found on higher and more sandy localities than *repanda*.

*C. repanda*, Dej., is found in all parts of the State, along mud banks and along the bottoms of dry pools.

The variety *12-guttata*, Dej., is found over Eastern Kansas, but not so abundantly as *repanda* or *vulgaris*. I have taken it at Manhattan, near Osage City, on mud at bottom of coal strippings in June, and the present season I found a single specimen September 17th, under a stone on a shallow on the Verdigris River, near Benedict, Wilson County. A. W. Jones has also taken it near Salina.

*C. hirticollis*, Say, is reported at Lawrence and Topeka, by Prof. Popenoe as common on sand bars at Topeka. I have taken it August 16th, on sand bar in Arkansas River at Dodge City. The specimens were large and elytral markings wide. The present season I found it on May 27th, on wet bed of pools at bottom of sand "blow-outs," three miles south-west of Medora. It was found only in one locality, associated with *vulgaris* and *repanda*.