

New Mexico [Gauger]. which form the types of the species; in the collection of the Kansas University, two males from the Magdalena Mountains, in New Mexico [Snow]; and in the collection of the University of Nebraska, one male, taken in War Bonnet Canyon in the extreme north-western part of Nebraska. This last specimen agrees exactly with Williston's description except that the antennæ are entirely red.

*Xylota flavitibia*, Bigot.

This species has been recorded from Colorado, by Williston, and from Colorado and New Mexico, by Snow. The collection of the University contains one male specimen taken in War Bonnet Canyon, Nebraska.

*Xylota fraudulosa*, Loew.

The collection of the University of Nebraska contains numerous specimens taken near Milford, Neb., in June, on the flowers of *Prunus americanus*. It has also been recorded from several localities in the East, and from Illinois, Wisconsin, and Washington, in the West.

*Xylota augustiventris*, Loew.

This species has been recorded from New York, Penn., and Ill., but not hitherto west of the Mississippi River. A single male specimen from War Bonnet Canyon, in extreme North-western Nebraska, has the wings hyaline, the third segment of the abdomen shining, except a very broad posterior band which projects almost to the anterior margin. The fourth segment is entirely shining.

*Xylota obscura*, Loew.

There is in the collection of the University of Nebraska, one female specimen taken in War Bonnet Canyon, Nebr. This species has been recorded from Oregon, California, and the Red River of the North. The description applies exactly.

*Spilomyia quadrifasciata*, Say.

One female specimen taken at Lincoln, Nebr., in September, by the writer. With the exception of the record of several specimens in Eastern Kansas, by Snow, this species has not been recorded outside of some of the extreme Eastern States. This specimen was taken on the flowers of *Aster multiflorus*.

*Sphecomyia vittata*, Wied.

In the University collection there are two specimens, one from Belmont, Nebr., and the other from War Bonnet, thirty miles distant. This species has been recorded from the Eastern and Southern States, and Minnesota and Colorado, in this country, as well as from localities in Northern Europe and Siberia.