

Snow has recorded it from five different localities in Colorado and from four in New Mexico. Besides this, it has been recorded by Williston, from California, Kansas, Arizona, Texas, and Mexico, and from the latter locality also by E. Giglio-Tos. In the collection of the University there are numerous specimens from Lincoln and West Point, Neb., Custer, S. D., Los Angeles, Cal., and Lerdo, Mexico. The three female specimens from the latter locality are not in the least different from the others.

Several female specimens that are not otherwise different have a very large spot of brownish in the middle of the wing. One female specimen from Lincoln, Neb., lacks the opaque spots on the third segment of the abdomen, as did several male specimens from California that Prof. Williston mentions.

*Eristalis Brousi*, Will.

There are specimens in the collection of the University from Hot Springs, and Custer, S. D., Soda Springs, Idaho, and Laramie, Wyoming. One female specimen has the spots on the second segment of the abdomen yellow and distinct, as Snow has observed in other specimens. This species has been recorded from Alaska to Colorado and to New England.

*Eristalis montanus*, Will.

A male specimen collected at Soda Springs, Idaho, by Prof. Bruner, agrees exactly with Williston's description, except that the eyes are distinctly contiguous, and that the black of the third segment of the abdomen is not contiguous with that of the second; the margin of the second segment posteriorly is yellow slightly tinged with reddish. The type specimen of this species, a single male, was captured at Como, Wyoming, at an altitude of 7,000 feet. The present is the only record of its capture since that time. A female specimen taken also at Soda Springs, at an altitude of 5,000 feet, on flowers near the water, in August, shows the following differences from the male, which have never been described: The second segment of the abdomen has the black as wide on the posterior margin as on the anterior; the posterior margin black, third segment mostly shining black, with sides broadly yellow, with an anterior spot and narrow posterior margin opaque; fourth like third, except no opaque spots; fifth entirely shining black. The front is black with yellow pile, and the vertex is black pilose. Otherwise it is exactly like the male.