

them contained larvæ at all, as they had been previously parasitized, consequently we were unable to make much of a study of this species, though their galls were quite common in certain localities.

In the study of *Euura S. nodus* we were unable to make a study of the egg stage. Eggs are, however, undoubtedly laid by the adult female about the time that the willows are leafing out in the spring. They are deposited in a slit made in the bark by means of the little saw-like ovipositor. As a result of the deposition of this egg within the twig, the characteristic gall is formed where the larvæ live throughout the winter months, pupating in the spring. The adults make their escape by means of the hole gnawed in gall by the larvæ before they ceased feeding for the winter. This, in general, is the life-history of the species.

The following list of species occurring in some of the more important genera of Colorado, though far from being complete, we trust will aid in the further study of this interesting family.

The references given do not in every case refer back to the publication in which the original description occurred, but wherever possible reference is made to some work commonly found in ordinary libraries.

The material at my disposal was that owned by the Entomological Dept. of the Colo. Ag. College. Those specimens which were seen and studied by me throughout the time of these investigations are marked with a star; other species did not occur in the collection, but are reported as occurring in the State by other writers on the Tenthredinidæ.

Thanks are due Prof. Alex D. MacGillivray, of Cornell University, for helping in the determination of some of the material, also to Prof. C. P. Gillette, of the Colo. Ag. College, who kindly tendered the use of his collection and library, and under whose direction the work was carried out.

**Cimbex americana*, Leach, Proc. Ent. Soc. Phila., Vol. 1, p. 201.

* { *Trichiosoma triangulum*, Kirby, Fauna Bor. Am., Vol. 4, p. 254.
 { *Trichiosoma aleutiana*, Cress., Trans. Am. Ent. Soc., Vol. 8, p. 1.

* { *Zaræa americana*, Trans. Am. Ent. Soc., Vol. 8, p. 1.
 { (*Abia americana*, Cresson.)

**Hylotoma clavicornis*, Fab., Trans. Am. Ent. Soc., Vol. 1, p. 66.

**Hylotoma McLeayi*, Leach, Trans. Am. Ent. Soc., Vol. 1, p. 64.

**Hylotoma rubiginosa*, Klug, Trans. Am. Ent. Soc., Vol. 1, p. 72.

**Hylotoma scapularis*, Klug, Trans. Am. Ent. Soc., Vol. 1, p. 67.