

p. 25. This insect is a typical Aphis and lives in clusters. So far as I know, all Callipterus are sporadic in habit.

C. TRIFOLII n. sp.

Apterous individuals : Tuberculate ; with capitate hairs.

Winged individuals : Dorsum without conspicuous tubercles. Third joint of antennæ twice as long as the fourth ; fourth and fifth joints sub-equal ; sixth and seventh joints sub-equal.

Wings : Marginal cell hyaline. Veins bordered with brown. Basal half of stigmal vein sub-obsolete and not thickened and dusky at base.

Length of body .04-.05, of wing .07, of antennæ .06 in. Clover leaves. June.

This species can be easily distinguished by the naked eye from *C. punctata*, by having the veins more robust, and shaded not only at tip but for their entire length.

The American species may be distinguished as follows. With regard to the species described by Fitch, see Riley & Monell, l. c. p. 28.

A. Dorsum of winged individuals with spine-like tubercles... *C. ulmifolii*

AA. Dorsum without spine-like tubercles.

a. Marginal cell dusky.

b. Middle tibiæ pale yellow. Femora pale yellow..... *C. Walshii*

bb. Tibiæ black. Apical portion of femora black..... *C. bella*

aa. Marginal cell hyaline.

b. Wings with transverse, shaded bands.

c. Abdomen with conspicuous dusky spots..... *C. discolor*

cc. Abdomen yellow, concolorous, or with very faint transverse bands.. *C. asclepiadis*

bb. Wings sub-hyaline.

c. Nectaries distinct.

d. Wings not hyaline.

e. Sixth joint of antennæ half as long as seventh.. *C. punctata*

ee. Sixth and seventh joints sub-equal..... *C. trifolii*

dd. Wings hyaline.

e. Apical joint of antennæ a little longer than the sixth, veins whitish.. *C. hyalinus*

ee. Apical joint of antennæ three times as long as the sixth.

First and second discoidals black... *C. betulaecolens*

cc. Nectaries not perceptible.