

6. *Chloealtis abdominalis* Thomas.

Fort William, Aug. 26, 27, 1907; both macropterous and brachypterous forms fairly common, especially upon the plateau and summit of Mt. McKay. Also observed on the grassy plain on the west side of the Kaministiquia River. It was most numerous on the summit of the mountain, where it frequented the small openings in the scrubby woods. It also occurred at Nipigon.

The specimens, like those from the Severn River, Ont., are of larger size than those from the Prairie Provinces and Banff, Alberta.

Measurements: Length of body, ♂ 19 mm., ♀ 23-27 mm.; head + pronotum, ♂ 6.5-7 mm., ♀ 8-8.6 mm.; tegmen, ♂ 11 mm. (brach.), 18-19 mm. (macr.), ♀ 10 mm. (brach.), 21-22 mm. (macr.); hind femur, ♂ 12.5-13 mm., ♀ 13-16 mm.

7. *Chloealtis conspersa* Harris.

Moderately common at Fort William and Nipigon, but not observed at Temagami. Only a few specimens were collected, and no accurate data can be given as to the relative proportion of macropterous to brachypterous individuals. The latter certainly predominated at Nipigon, where the species was observed in some numbers on logs and rubbish near the edge of a wood in a bushy pasture.

Wing-length is quite variable in the brachypterous type, and it is not improbable that a more or less continuous series of intergrades may be found connecting the latter with the macropterous type. In a typical pair of this form the tegmina of the male measure 17.5 mm., reaching 3 mm. beyond the tips of the hind femora. Those of the female are 19.75 mm. long, likewise extending 3 mm. beyond the hind femora. The wings of such specimens are fully developed and ample, while in the brachypterous type, even in a male with tegmina reaching within 2 mm. of the tips of the hind femora, the wings are quite abortive, being in the latter example 6 mm. shorter than the tegmina.

8. *Stenobothrus curtipennis* Harris.

This species appeared in large numbers in open grassy places at Ft. William and Nipigon, but was not observed at Temagami. It exhibited its usual great variability in wing-length and colour-pattern.

9. *Mecostethus lineatus* Scudder.

Nipigon, Aug. 30, 1907, 1 ♂, 2 ♀ ♀; Temagami, marsh on Obabika Creek, Sept. 11, 1908, 1 ♂. A few others were observed here and at one or two similar places, but could not be captured.