

Cabin Hotel. As the doors were kept open, these insects entered in large numbers and collected on the window-panes. The most numerous were the flies, though a large proportion of these were ordinary blue-bottles (*Calliphora erythrocephala*) and allied forms, such as *Lucilia caesar* and *Cynomyopsis cadaverina*.¹ An undetermined Anthomyid was very common, but no house-flies were seen. Syrphididae were numerous, the following species having been taken here and elsewhere in the vicinity: *Sericomyia chalcopyga* Lw., *Syrphus ribesii* L., *S. torvus* O. S., *S. geniculatus* Macq., *S. umbellatarum* Sch., *Sphaerophoria cylindrica* Say., *Xylota vecors* O. S., *Temnostoma aequale* Lw., *T. alternans* and *Eristalis meigenii* Wied.²

Of Hymenoptera wasps were plentiful and included at least three species of *Vespa*, viz., *V. consobrina*, *borealis* and *diabolica*. Bumblebees were abundant in the bushy clearings and roadways, but nearly all belonged to the characteristic Newfoundland species, *Bombus bolsteri* Franklin, though I took also *B. borealis*. The large leaf-cutter bee, *Megachile vidua* was also occasionally seen, but no attempt was made to collect the smaller bees, nor, in fact, any of the Hymenoptera, the few captures made being quite incidental. These few included two saw-flies, *Macrophya trisyllaba* and *Trichiosoma lanuginosum*, a large Cimbicid, which I have taken as far west as Banff, Alta.; a horntail, *Urocerus flavicornis*; a long-tailed ichneumon-fly, *Rhyssa albomaculata*, both of similar wide distribution, and a smaller member of the same family, *Ichneumon feralis*.

The other orders of insects were also of necessity left unmolested. They seemed to be equally poorly represented, the scarcity of butterflies being particularly noticeable. I had expected to pick up a few interesting northern forms, of such genera as *Oeneis*, *Brenthis* and *Eurymus*, but saw only a few of our commonest Canadian species, such as *Brenthis myrina* and *Euvanessa antiopa*.

Of course, no conclusions can be drawn from such fragmentary observations as these, as to the extent of the insect fauna of Spruce

1. Determinations by C. H. T. Townsend. 2. Determinations by M. C. Van Duzee (except *T. alternans*).