

FAUNA OTTAWAENSIS.

HEMIPTERA.

By W. Hague Harrington.

In the report of the Entomological Branch for 1890 (OTTAWA NATURALIST, Vol. V, 193) it was promised that a preliminary list of local Hemiptera would be published. The collection and study of our species has been of a very limited and fragmentary nature, and the list now submitted (with some reluctance) is correspondingly incomplete. It may, however, serve some purpose as a basis for future study of our many interesting forms, and, as few lists of Canadian Hemiptera have been published, a record of the distribution of the species enumerated. When the Abbé Provancher was publishing the third volume of his *Petite Faune Entomologique du Canada*, specimens of our Hemiptera were communicated by Mr. Fletcher, Mr. Guignard and the writer, and reference to his work will show that from our material he described several new species, and made a number of additions to his records.

The appearance of the present list, however, has been possible only through the kindly assistance of Mr Van Duzee, of Buffalo, N.Y., who has examined nearly all the writer's collections, and has also furnished a generic arrangement of the Homoptera, and in other ways given valuable aid. In the Heteroptera the check list of North American species published by Mr. Uhler in 1872 has been followed.

The following list contains nearly 200 species, but it only shows how much yet remains to be done before any satisfactory knowledge of our fauna is gained. The references to the relative abundance of the species, and the dates of their appearance, are given from the writer's collection, but in many instances are of small value, as these insects have not been systematically collected, but obtained when the main object of the chase was the capture of Hymenoptera and Coleoptera. The greater part of this collecting has further been in the early summer, when many of the species are immature, and comparatively little in July, August and September, when the mature insects would probably be most abundant. Our Psyllidæ, Aphidæ and Coccidæ have been omitted, for though the species are numerous and important, especially