The Canadian Antomologist,

Vol. XXXVIII.

LONDON, APRIL, 1906.

No. 4

A FIRST LIST OF ONTARIO ODONATA. BY E. M. WALKER, B. A., M. B., TORONTO.

The following list of Odonata is mainly the result of four seasons' collecting in various parts of Ontario, but chiefly in three localities, viz.: Toronto; De Grassi Point, Lake Simcoe, and Algonquin Park.

Although most of the material was collected by the writer, the list has been considerably lengthened by the records of captures made by other collectors. Among these should be mentioned the collections of Dr. Wm. Brodie, in the Educational Dept., Toronto; many specimens taken in Algonquin Park by Prof. Macoun in 1903, and by Mr. Paul Hahn in 1903-4; a considerable number from the collection of the Biological Dept. of the University of Toronto, consisting chiefly of alcoholic specimens of nymphs and imagoes taken at the Biological Experiment Station at Go Home, Georgian Bay, and a few collected and presented to the Department by the late Mr. R. T. Anderson; and finally, a small collection from Thessalon, Algoma, belonging to Miss Rounthwaite, of Toronto.

The names have also been added of a few species previously known from Ontario, of which no specimens have been seen by the writer.

When the Odonatological fauna of Ontario is thoroughly known, it will doubtless prove to be considerably richer than is indicated by the present list, which does not pretend to completeness. It would, therefore, have been better, perhaps, to have delayed its publication for a few seasons until more material had been collected, if the writer had not been obliged to discontinue for an indefinite time the work necessary for that purpose. Our fauna should embrace at least 100 species, probably considerably more. The genera that should yield the greatest number of unrecorded species are Somatochlora, Gomphus and Enallagma.

Somatochlora is a boreal genus, and many species not yet known from Ontario will surely appear in the far north, e. g., S. albicinata (Burm.), Franklini (Selys), Hudsonica (Selys), and Walshii (Scudd). Of Gomphus, the material upon which this list is based is but scanty, and yet