

FAUNA OTTAWAENSIS.

HYMENOPTERA PARASITICA—PROCTOTRYPIDÆ.

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The species of parasitic hymenoptera are exceedingly numerous and require much time both to collect and study. The insects very often so closely resemble others that their satisfactory determination is difficult and for these reasons, while material has been steadily accumulated, it has not hitherto been possible to publish any lists of the hundreds of species contained in our cabinets. Last winter I devoted considerable time to the study of the numerous small forms belonging to the family Proctotrypidæ, and while the examination is not yet completed, it has enabled me to present the following list. It would perhaps be more satisfactory to longer withhold it, were it not that collections run so many risks of destruction or damage, and consequent loss of the labour bestowed upon them if records have not been published. Mr. Ashmead's exhaustive monograph of the North American species of this family, published in 1893 contained descriptions of some fifty new species from Ottawa; and the present list indicates several new species showing that our present knowledge is still limited. Many additions will undoubtedly be made, and the life-histories of many are yet unknown to us. The list indicates, usually, the localities in which specimens were captured, and the dates of appearance. The majority of the species have been captured with the sweeping net, but a considerable number have occurred in moss, collected late in the year, and a few have been bred. Where no remarks follow a species, the only examples taken were those sent to Mr. Ashmead, to whose assistance I am much indebted.

PROCTOTRYPIDÆ.

SUBFAMILY I. BETHYLINÆ.

<i>Isobrachium myrmecophilum</i> Ashm.	Male; Race-course, 22 Aug.
<i>Mesitius bifoveolatus</i> Ashm.	Female; 11 May.
<i>Anoxus Chittendenii</i> Ashm.	Male; Hull, 22 July.