
LIST OF NEUROPTERA COLLECTED CHIEFLY IN THE
NEIGHBOURHOOD OF LONDON, ONT.

BY THE EDITOR.

All the species named below have been submitted to Dr. H. Hagen, of Cambridge, Mass., to whose kindness we are indebted for the determination of most of them.

PERLINA.

Perlâ rapinsularis.

“ species undetermined.

Chloroperla bilineata.

Taeniopteryx maura?

EPHEMERINA.

Ephemera natata; very common.

Potamanthus cupidus; not uncommon.

Hexagina bilineata.

AGRIONINA.

Calopteryx maculata; common about damp woods in the neighbourhood of small streams.

Lestes disjuncta?; not uncommon.

Agrion irene; common.

GOMPHINA.

Ophiogomphus rupinsularis; not common.

Gomphus spicatus; not common.

Cordulégaster maculatus.

AESCHINA.

Aeschna constricta.

“ *verticalis.*

“ *vinosa.*

LIBELLULINA.

Celithemis eliza; rare.

Plathemis trimaculata; common.

Libellula quadrimaculata; rare.

“ *exusta*; rare.

“ *pulchella.*

“ *basalis*; rare.

“ *julia.*

Leucorhinia frigida ; not common.

“ *intacta* ; not common.

Diplax obtrusa ; common.

“ *vicina* ; not uncommon.

“ *scotica*.

Nannophya bella ; common.

SIALINA.

Sialis infumata.

Chauliodes pectinicornis ; not uncommon.

“ *serricornis* ; rare.

Corydalis cornuta ; not uncommon.

HEMEROBINA.

Hemerobius tutatrix.

“ *simulans*.

Polystoechotes punctatus ; very common.

Chrysopa oculata.

“ *externa* ?

PHRYGANINA.

Neuronia ocelligera ; not common.

“ *postica* ; not common.

Limnophilus stigma.

Setodes ; spec. und.

Hydropsyche scalaris ?

In addition to the above, Dr. Hagen has kindly supplied us with the following list of species found in Canada.

Ophiogomphus colubrinus ; Quebec.

Gomphus parvulus ; Nova Scotia.

Hagenius brevistylus ; Ottawa.

Cordulegaster Sayi ; Quebec.

Aeschna septentrionalis ; Nova Scotia.

Epophthalmia tenebrosa ; Nova Scotia.

“ *elongata* ; Nova Scotia.

“ *torripata* ; Nova Scotia.

Cordulia libera ; Canada.

“ *Shurtleffii* ; Nova Scotia.

“ *spinigera* ; Canada.

“ *semiagrea* ; Nova Scotia.

Leucorhinia Hudsonica; New Brunswick.

Aeschna constricta, recorded in the Ontario list, is also found in Nova Scotia.

The above brief list of 43 species from Ontario and 13 from other portions of Canada, embraces, we believe, all that are known to occur in our Dominion. In view of the great number of insects belonging to this interesting order which occur throughout Canada, we hope that some of our collectors will devote a portion of their leisure moments towards more thoroughly working up this long neglected order of insects.

DESCRIPTION OF PACHNOBIA ORILLIANA.

BY AUG. R. GROTE, A. M.,

Director of the Museum, Buffalo Society Natural Sciences.

Both sexes of a species of *Pachnobia* have been collected by Mr. Geo. Norman, at Orillia, which I propose to call by the name of *orilliana*. It is evidently allied to *Agrotis hyperborea*, which I know only from Millière's and Herrich-Schaeffer's illustrations. It looks at first sight like a species of *Graphiphora* (*Taeniocampa*).

All the tibiae are spinose. The head is sunken, eyes naked, abdomen short. The wings are wide, the male antennae shortly pectinate, setose. The color is not unlike that of *Graph. incerta*, but more olivaceous. There is no basal dash. The color is paler, carneous gray, like the thorax, to the angulated median shade, beyond which the median space is olivaceous brown. The orbicular is large, spherical, concolorous, with a central brown dot and a brown ring. The claviform is suffused with deep brown, prominent, attaining the median shade. The reniform lies in the deeper color of the median space posteriorly, concolorous, kidney-shaped, darker stained inferiorly, well sized. The t. a. line is outwardly oblique, thrice waved, brown. The t. p. line is obsoletely geminate, the pale interior shade showing, of the usual shape, succeeded by a pale shading on the subterminal space which intrudes on the deep brown ground color outwardly like a finger below costal region. The deep brown color of the s. t. space shows the costal dots plainly and extends downwardly narrowly within and along the s. t. line, outside of the pale

36.

27252.

THE CANADIAN

ENTOMOLOGIST.

 VOLUME VII. 

Edited by **H. Saunders,**

LONDON, ONT.

ASSISTED BY

Rev. C. J. S. BETHUNE, M. A., Port Hope, Ont.; J. M. DENTON, London, Ont.;

and E. B. REED, Barrister-at-Law, London, Ont.

LONDON :

PRINTED BY THE FREE PRESS STEAM PRINTING COMPANY, RICHMOND ST

1875