

A. G. Spencer.....	Ottawa.....	\$ 1 00
E. P. Venables.....	Vernon, B. C.....	1 00
C. Vane.....	Treesbank, Man.....	1 00
E. Vane.....	" "	1 00

Also a number of smaller subscriptions for amounts less than one dollar. The total amount received to date is a little over \$1,270.00.

ARTHUR GIBSON, Central Experimental Farm, Ottawa, Treasurer.

June 15, 1909.

## TWO FOSSIL CHRYSOPIDÆ.

BY T. D. A. COCKERELL, UNIVERSITY OF COLORADO, BOULDER, COLO.

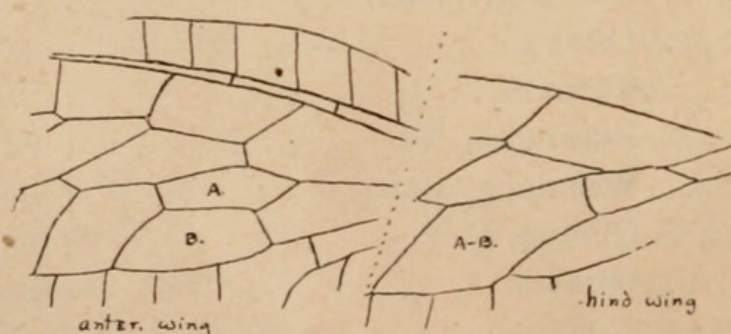
*Palæochrysa concinnula*, sp. nov. (Fig. 5.)

Length of anterior wing about 12 mm; venation dark brown.

*Anterior wing*: Costal cells about 14; cells between radius and radial sector 9, the first fully twice as long as the third; cells between radial sector and media 10, successively shorter from the fourth on, but without any abrupt change of size, as in *Tribochrysa*; "third cubital cell" ( $M_{3+4}$ ) divided longitudinally, as shown in the figure; cells beyond "third cubital" 9, but the cell counted as the tenth of the series above may as well belong to this series, reversing the numbers cited; six veins forked on the lower margin, but the fork of the fifth very small.

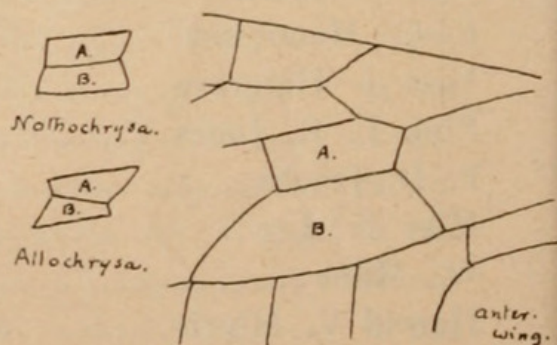
*Posterior wing*: "Third cubital" not divided; other characters are shown in the figure. (In all the figures A and B are the "third cubital.")

*Hab.*—Miocene shales of Florissant, Station 14. (S. A. Rohwer.)



*Palæochrysa concinnula* Ckll.

FIG. 5.—*Palæochrysa concinnula*, Ckll.



*Palæochrysa ferruginea* Ckll.

FIG. 6.—*Palæochrysa ferruginea*, Ckll.

*Palæochrysa ferruginea*, sp. nov. (Fig. 6.)

Length of anterior wing 11 1/2 mm.; venation as preserved ferruginous, possibly green in life.

July, 1909



*Anterior wing*: First cell between radius and radial sector not greatly longer than third; cell  $M_3$  (upper division of "third cubital") not extending so far basad as cell  $M_4$ ; at least seven forked veins on lower margin, the first fork very large. The figure shows other important characters.

*Hab.*—Miocene shales of Florissant, Station 13 B. (*S. A. Rohwer.*)

For comparison, I show the "third cubital" of the allied living genera *Nothochrysa* and *Allochrysa*, the figures copied from Banks. (Trans. Am. Ent. Soc., Vol. XXIX.) It will be seen that *Allochrysa* shows an exaggeration of the condition found in *P. concinnula*; while *P. ferruginea* combines the characters of *Allochrysa* and *Nothochrysa*. In the cells between the radius and radial sector *P. ferruginea* is like *P. stricta*, Scudd., but the latter is considerably larger, and differs in other details.

For other notes on fossil Chrysopidæ, see CANADIAN ENTOMOLOGIST, March, 1908, p. 90.

## ENTOMOLOGICAL SOCIETY OF ONTARIO.

### MONTREAL BRANCH.

The 36th annual, and 302nd regular, meeting of the Montreal Branch was held at 74 McTavish street, on May 8th, the President, Mr. Geo. A. Moore, in the chair, 12 members being present. The reports of the Council, the Sec.-Treasurer and Curator and Librarian were read and adopted. The retiring President gave an interesting address on the work the Branch is doing, and urged the members to make definite plans as to the filling up of gaps in their collections, or obtaining knowledge of life-histories or habits of certain species with which they are not familiar, and to strive during the summer to obtain the desired results. The Mount Royal Entomological Club was amalgamated with our Society at the beginning of the present year, and the Branch is in a flourishing state, a number of young and enthusiastic members having been recently added to the roll. The election of officers for the ensuing year resulted as follows: President, Henry H. Lyman; Vice-President, G. A. Southee; Sec.-Treasurer, A. F. Winn; Curator and Librarian, L. Gibb; Council, Geo. A. Moore, G. Chagnon, E. C. Barwick, F. Parkins, Jr.

Mr. Lyman read a paper entitled "A Spring Outing," illustrated by specimens of Lepidoptera, and pressed plants collected on a trip to Washington, D. C., about the end of April of last year.

The first field day of the season was arranged to be held at St. Hilaire, Que., on Victoria Day, May 24th.

A. F. WINN, Sec.



Cockerell, Theodore D. A. 1909. "Two fossil Chrysopidae." *The Canadian entomologist* 41, 218–219.

**View This Item Online:** <https://www.biodiversitylibrary.org/item/22162>

**Permalink:** <https://www.biodiversitylibrary.org/partpdf/33627>

**Holding Institution**

MBLWHOI Library

**Sponsored by**

MBLWHOI Library

**Copyright & Reuse**

Copyright Status: NOT\_IN\_COPYRIGHT

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.