

# THE CANADIAN SPORTSMAN AND NATURALIST.

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WILLIAM COUPER, Editor.

## TO SUBSCRIBERS.

We are anxious to have subscriptions to this magazine sent in before the end of this year. Our patrons in arrear would do us a favour by remitting on receipt of this number. It should be cash in advance.

## CATALOGUE OF CANADIAN PLANTS.

A Catalogue of Canadian Plants was wanted by our Botanical students. The Geological and Natural History Survey of Canada have recently issued the first part consisting of POLYPTERALE. The work is evidently authentic, and will be highly appreciated by Canadian Botanists. In fact the name of John Macoun is sufficient to make it reliable, and we trust that he may have health and strength to finish this good undertaking. It would be profitable to the people, and doubtless a pleasure to the Director of the Survey to see other documents emanating from it, as well examined and arranged as this work before us. The Government should give the intelligent portion of the inhabitants of Canada a chance of seeing the literature issued by each section of this Department. This is the first document from the Geological Survey, which has reached us since this magazine was issued, nearly three years ago, and we have to thank the author alone for it. The printing is by Dawson Brothers of this city, and it is done in a creditable manner.—C.

## INJURIOUS AND OTHER INSECTS.

We have received the "First Report on the Injurious and other Insects of the State of New York," by J. A. Lintner, State Entomologist. The book is an octavo of 344 pages with general index. This Report is of great value to agriculturists and horticulturists, and the entomologist will find quite a study of new

material. It contains a list of the Apple-tree insects of the United States, which number one hundred and seventy-six species. Mr. Lintner purposes, as soon as practicable to present a report on Apple-tree insects, which shall contain notices of all the known North American species with figures illustrating them as far as possible, together with the most effective methods for preventing their injuries. This First Report of Mr. Lintner's is well illustrated—it contains good figures of the Vine Phylloxera; the Wheat midge in all its stages; the Cotton Moth; the Carpet-beetle; the Bag or Basket-worm (*Thyridopteryx ephemeraformis*, Haworth); the Larch Lappet (*Toxype laricis*, Fitch.) The Bronze-colored Cut-worm (*Nepheleodes violans*, Guenee.) The Stalk-borer (*Gortyna metela*, Guen.) The Corn-worm (*Heliothis armiger*, Hubner. The Vagabond Grambus (*Grambus vulgivarrellus*, Clemens.) The Dried Grambus (*Grambus exsiccatus*, Zeller.) The Apple-leaf Bucculatrix and its parasites. The Apple-tree case-bearer (*Coleophora malivorella*, Riley. There are quite interesting chapters on injurious Dipterous, Coleopterous and Hemipterous insects. A figure is given of the punctured clover-leaf Weevil (*Phytonomus punctatus*, Fabr., the larva of which form a singular network cocoon, attached to the underside of leaves. Mr. Riley is now satisfied that Curculionidae have been found to spin "yellow-brown threads, loosely interwoven, so that the fabric resembles net-work." The Appendix is occupied by the titles of Dr. Fitch's Reports, and descriptions and notes of new species of Lepidoptera, all of which is extremely interesting.—C.

## "THE ACADIAN SCIENTIST."

It gives us pleasure to notice that the "Acadian Scientist" is now issued as a