

*Spiders Collected in Nova Scotia and New Brunswick* by Robt. Matheson in 1912. By J. H. Emerton. Seventy-two species are listed.

PUBLICATIONS OF THE ENTOMOLOGICAL BRANCH, DOMINION DEPARTMENT OF AGRICULTURE.

In the effort towards increasing food production the Entomological Branch is doing valuable national service. In connection with this work a series of circulars or "Crop Protection Leaflets" were issued and distributed during the early part of the year to be of timely value to growers during the present season. These leaflets dealt with the most approved methods of controlling the more serious insect pests, and are all appropriately illustrated.

Those published during 1918 are as follows:

- No. 3. *Cutworms and Their Control*. By Arthur Gibson.
- " 4. *Root Maggots and Their Control*. By Arthur Gibson.
- " 5. *Prevent White Grub Injury*. By Arthur Gibson.
- " 6. *How to Control Locusts or Grasshoppers*. By Arthur Gibson.
- No. 7. *Rats and Mice*. By C. Gordon Hewitt.
- " 8. *Aphids or Plant Lice*. By Wm. A. Ross.
- " 9. *The Pea Weevil*. By Arthur Gibson.
- " 10. *Arsenate of Lime*. By George E. Sanders.

The following articles by members of the staff of the Entomological Branch have appeared in the pages of the *Agricultural Gazette*, vol. 5, 1918.

*The Black Cherry Aphis*. By Wm. A. Ross (No. 1, pp. 13-16). Describes the history, habits and depredations, and the life-history of this pest. Illustrated from four photographs.

*Some Results of Scientific Research on Insect Pests in Canada*. By C. Gordon Hewitt, D. Sc. (No. 2, pp. 128-132). A brief exposition of the value of entomological research to agriculture and forestry as illustrated by some of the more striking results of the work of the Dominion Department of Agriculture.

*The Alfalfa Looper, Autographa californica* Speyer. By Arthur Gibson. (No. 2, pp. 132-136). This insect, which is widely distributed in Western North America, has been known as a pest in Canada only since 1914, when an outbreak occurred in British