THE CANADIAN ENTOMOLOGIST

It is gratifying to note the good progress made by the entomologists of the Province of Quebec in their arduous task of listing the insect fauna of their Province. With the appearance of the third part, three of the four largest orders have now been covered, and the work is, therefore, more than half-way towards completion.

The list of Coleoptera, numbering 1,810 species and varieties, is compiled from various published lists together with records of captures furnished by a number of collectors, of whom the author contributes a large majority. It is a very creditable list for a region of which but a small part has been explored from the entomological standpoint, and in which but few entomologists have made a specialty of the beetles. As the author remarks, the number of species which occur in the Province will be easily increased by over 500 by more assiduous collecting, particularly in the remoter districts.

STUDIES IN KANSAS INSECTS.—A Treatise of the More Common Species. Bulletin of the University of Kansas, Biological Series, vol. XVIII, No. 1, October, 1917.

This is a most useful report, which should find its way into every entomological library. It contains the following five articles: "The Grasshoppers of Kansas, Part I, The Melanopli of Kansas," by P. W. Claasen. This is divided into two parts, (1) Systematic, (2) Biologic and Economic. No fewer than 6 genera and 39 species are discussed. Part 2, "The Oedipodinæ of Kansas," by Raymond Beamer; a systematic account of this subfamily, which is richly represented in the State. It is abundantly illustrated, chiefly by photographs of actual specimens. "The Dragonflies of Kansas," by C. H. Kennedy, an annotated list with an analysis of the fauna from the standpoint of distribution, illustrated by 7 excellent plates. "Scale Insects Injurious to Shade and Fruit Trees, The Coccidæ of Kansas," by P. B. Lawson, a valuable descriptive account of the 75 species of this family known to occur in the State. All the species are well figured. "The Cankerworm—An Orchard and Shade Tree Pest," by Walter H. Wellhouse, a very full account of both species of cankerworm, describing their various stages, distribution, life-history, food, enemies, methods of control, etc. It is illustrated by 3 plates.

Mailed March 15th, 1918.

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