

out doubt, should be in the hands of every entomologist. It represents the work of more than fifteen years, during which the author has bred and correctly determined over 5,000 species of European leaf-mining insects. In the introduction the different types of mines, the orders of insects forming mines, the life-cycle of a mining insect, hints on breeding and collecting and other interesting and important features are briefly discussed. The balance of the work consists largely of determination-tables, following an alphabetical arrangement of host-plants according to their Latin names: under each heading a key to the various mines found on the individual plant has been prepared. Following these tables a list of host-plants in their natural order and a similar list of the genera of the actual miners, arranged according to orders, families, and subfamilies is given. On account of the great similarity between the European and the North American insect faunas such a work as this must inevitably be of value to workers in North America.

J. MCD.

NEWS AND VIEWS

37TH ANNUAL MEETING OF THE ENTOMOLOGICAL SOCIETY OF BRITISH COLUMBIA

The annual meeting of the Entomological Society of British Columbia was held in Vancouver on February 26th, 1938. The president, Mr. E. R. Buckell was in the chair. An attendance of thirty-three is reported. Among those present were Professor Trevor Kincaid and Dr. M. H. Hatch of the University of Washington, Professor B. G. Thompson of Oregon State College, Mr. R. L. Furness of the Northwest Experiment Station, Portland, and Mr. W. W. Baker of the U. S. Experiment Station, Puyallup. Thirteen new members were added to the roster.

There were 21 papers presented covering a variety of subjects including tick paralysis, sylvatic plague, shot-hole borers, the snow cricket, list of *Bibionidae* of B. C., insects attacking forest and shade trees, a triple *Stratiomyid* wing, food plants of *Lepidopterous* larvae, new insect occurrences on Vancouver Island and the Lower Fraser Valley, production of the earwig parasite, *Digonichaeta setipennis* Fall., list of stone flies of Cultus Lake region, fauna of B. C. birds nests, *Chionaspis pinifoliae* Fitch, the brine fly in B. C., ectoparasites of marmot and weasel, scale insects of B. C., moths of Robson, B. C., *Scudderia furcata* Brunner, and quarantine regulations.

E. P. Venables of Vernon, B. C., was elected president for 1938, W. G. Mathers of Vancouver and A. D. Heriot of Vernon, Vice-Presidents, and G. R. Hopping Honorary Secretary-Treasurer.

NEW CHECK LIST OF NORTH AMERICAN LEPIDOPTERA.

The Southern California Academy of Sciences has just issued an announcement of importance to students of Lepidoptera. This pertains to the forthcoming "CHECK LIST OF THE LEPIDOPTERA OF CANADA and the UNITED STATES OF AMERICA," Part I, Macrolepidoptera, by Dr. J. McDunnough.

This list will be issued as Volume I of the Academy's new series of "Memoirs." It is being printed on a fine grade of offset book paper of very durable quality, which takes ink readily. The page size is 7 by 10 inches, and the

type page is approximately 4 by 7 inches, hence there is provided ample margin for adding notes.

The type face will be similar to that used in the Barnes and Benjamin List of Diurnal Lepidoptera of 1926, but there will be considerably more spacing between each name.

In addition to the regular issue of this List there are two special printings that are planned if the demand seems to warrant. The first is a printing of list and index on one side of page only, thus making every other page available for notes and additions.

The second is a special printing of the list, without index, on cards, (one side of card only) unbound, suitable for cutting out as labels.

The list will include all species published up to the first of January, 1938. It incorporates all of the important revisional studies made by the various specialists, together with the results of the author's own research. To American Lepidopterists, all of whom recognize Dr. McDunnough's outstanding position in the profession, this is all that needs to be said as a guarantee that the new "List" will be indispensable to workers in this Order.

Full particulars concerning the above may be obtained by writing Dr. John A. Comstock, Editor and Treasurer, Southern Calif. Academy of Sciences, c/o Los Angeles Museum, Exposition Park, Los Angeles, Calif., U. S. A.

WHITE ARSENATES TO BE COLOURED PINK

A recent press notice informs us that W. N. Watson, secretary of the Manufacturing Chemists Association, has advised the Bureau of Entomology, United States Department of Agriculture, that the members of the association have voluntarily agreed to adopt a pink colour for all white arsenates and that all of the materials produced for the coming season will be coloured pink. This colour will be used for calcium arsenate, lead arsenate, and magnesium arsenate, and, except for the stock which is now on hand, these standard insecticides will be coloured pink.

MONTREAL BRANCH OF THE ENTOMOLOGICAL SOCIETY OF ONTARIO.

The regular monthly meeting of the Montreal Branch was held in the Lyman Room, Redpath Museum, on Saturday, January 22nd.

Mr. George A. Moore gave an address on the biology and systematic position of the family Corixidae (Hemiptera), popularly known as "Water Boatmen." The chief points discussed were the adaption to an aquatic environment, the secondary sexual characters, and the stridulatory organs. The talk was illustrated by drawings and by specimens from both Canada and Great Britain, including a series of the species found in the Province of Quebec. The ensuing discussion centered around the question of adaptations.