

duplication which sometimes cannot be avoided if the insects are grouped according to host plants, owing to many of the common species feeding on several species of plants. Insect pests of the household and of stored products are also described.

In chapters of varying lengths the morphology, internal structure, senses and behaviour, metamorphoses, classification and means of dissemination are described in language devoid of technicalities that might confuse the general reader. The preventive measures are well discussed, and the chapters on insecticides and fumigants and the methods of applying them form a useful section of the book and increase its value as a book of reference for those who have to deal with insect pests. A list is given of references to bulletins and reports containing detailed descriptions of the insects described in the book. An idea of the large number of insects which the author considers may be gathered from the fact that the index to the book covers twenty-four pages.

Covering the large field that it does, it is not surprising that inaccuracies occur, and space forbids a detailed reference to the same. In compiling information of so varied a character, greater care is necessary than when the information is the result of personal knowledge. A work of this character is an enormous undertaking nowadays, and we cannot but feel that the author would have produced a better book had he spent more time in its preparation. Nevertheless it will be a useful book, and the author deserves our thanks.

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DOLICHOPODIDÆ IN LUNDBECK'S "DIPTERA DANICA."

DIPTERA DANICA.—Genera and species of flies hitherto found in Denmark. Part IV., Dolichopodidæ. By William Lundbeck; 416 pp., 130 figs. (Copenhagen, G. E. C. Gad; London, William Wesley & Son.) Dec., 1912. \$4.25.

After a lapse of two years since the previous part of this work appeared (reviewed in this journal, Vol. 43, April, 1911), the author gives us the fourth part, which treats of the single family Dolichopodidæ. Most entomologists know these small, usually