

Agonoderus about thirty-three per cent. ; the whole series of Carabidæ examined averaging fifty-seven per cent. of animal food, the remainder being vegetable and consisting mainly of the pollen of flowers and the spores of fungi.

Of the Coccinellidæ examined, animal food constitutes but little more than one-third of the whole, the other two-thirds consisting of forty-five per cent. of the spores of fungi, four per cent of those of lichens, and fourteen per cent. of pollen. Prof. Forbes has laid all who are interested in this subject under grateful obligations to him for his valuable contributions to our knowledge in this department.

AN ILLUSTRATED ESSAY ON THE NOCTUIDÆ OF NORTH AMERICA, WITH "A COLONY OF BUTTERFLIES." By A. R. Grote, A.M. Large 8vo, pp. 85. Published by John Van Voorst, Paternoster Row, London, Eng.

This little volume is beautifully got up, printed in bold type on fine paper, and illustrated by four excellent coloured plates on which forty-five species of Noctuids are figured. These moths have been previously described in various works, but have not been figured before; and appear to have been selected to adorn this handsome little book on account of their striking beauty; they are the gems of the genera to which they belong, and well deserve to be thus made better known. Each specimen is numbered and accompanied by a brief reference or description.

In a preface of twenty-three pages the author gives a "brief" *résumé* of the sources from whence he has drawn his information; an account is also given here of the life history of the Cotton-worm from the egg to the perfect insect. This volume will commend itself for its excellencies to all those who are interested in the study of the Noctuidæ, as a valuable and beautiful contribution to this department of entomology.

TRANSACTIONS OF THE OTTAWA FIELD NATURALISTS' CLUB. No. 3, 1881-1882. 8vo, pp. 66, with two plates.

We commend this record of the work of the Ottawa Field Naturalists' Club to all those who are interested in Canadian Natural History. In addition to the excellent address of the President, James Fletcher, Esq., it contains reports of the work accomplished by the Geological, Botanical and Entomological branches of the Club; a list of the birds found in the vicinity of Ottawa, and addresses which have been delivered on various natural history subjects at the soirees held by the Club.

GENERAL INDEX OF THE THIRTEEN ANNUAL REPORTS OF THE ENTOMOLOGICAL SOCIETY OF ONTARIO.

This useful work, covering the period from 1870 to 1882 inclusive, has recently been issued. The compiler, E. Baynes Reed, Esq., Secretary-Treasurer of the Society, has spared no pains or labour in making the Index complete in every particular. It is uniform in size with the Reports, and covers thirty-five pages. Beginning with a summary of the illustrations used, and of the orders illustrated, there follows a detailed list of all the figures used in each of the thirteen Reports. The second part consists of a classified list of the insects illustrated, while the third part is a general index which is very full and complete, and will be of much value to all who may have occasion to consult its pages. A copy will be mailed to each member of the Society.

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