

particularly useful, as we have generally to resort to British or American publications for scientific information of an elementary character. The work opens with an outline of Physiological Zoology, and an account of Zoological Classification, with divisions into Provinces and Classes based upon the system of Cuvier; the greater part of the volume is occupied with illustrated descriptions of the leading divisions of Radiata, Mollusca and Articulata. In an appendix is given an outline of the classification of Vertebrata, and also valuable instructions for collecting and preserving invertebrate animals. Should the present volume be well received—which we earnestly trust will be the case—the author purposes completing the work by another on the Vertebrata.

*The Canada Bookseller*: A Quarterly Record of British, American and Native Literature, for the use of the trade and book-buyers: published by Adam, Stevenson & Co., Toronto. March, 1870 (50 cents per annum). We beg to commend to our book-buying and book-loving friends this beautifully printed venture of a most enterprising Canadian firm. It contains much interesting matter relating to the trade, and full information respecting recent or forthcoming publications by Canadian, British and Foreign houses. It is certainly one of the best specimens of typography ever issued in this country.

*The American Entomologist*. Vol. ii. No. 5. March, 1870. In addition to the usual supply of varied and interesting matter, including several contributed articles, the Editor of this valuable periodical presents us with an admirable steel-plate portrait of his late esteemed coadjutor, Benj. D. Walsh.

*Second Annual Report on the Noxious, Beneficial, and other Insects of the State of Missouri*. By Charles V. Riley, State Entomologist. Jefferson City: H. Wilcox, 1870. Much of the matter contained in this valuable Report has very naturally appeared already in the pages of the *American Entomologist*, of which the Author is now sole Editor, and is therefore not entirely new to us; it is a great convenience, however, to have the matter thus collected together in moderate compass and in a systematic form, while to those who do not see the magazine, and who yet are interested in the economic study of insects, the treatise must be invaluable. It is illustrated by about a hundred excellent wood-cuts, and contains accounts of the Chinch Bug, the Army Worms, Tortoise-Beetles, the Pickle Worm, Insects injurious to the grape-vine, the Canker-Worm, Cabbage Worms, etc. The following new species of insects are described and figured in the course of the volume:—Diptera, *Exorista flavicauda*, and *Asilus Missouriensis*; Lepidoptera, *Plusia brassicae*, and *Acronycta populi*.

*The Bowdoin Scientific Review*. A fortnightly Journal, edited by Professors Brackett & Goodale, Bowdoin College, Brunswick, Maine, and devoted chiefly to Chemistry and Physiology.

*Twenty-second Annual Report of the Regents of the University of the State of New York*, on the condition of the State Cabinet of Natural History. Albany, 1869 (from Mr. J. A. Lintner).—*Proceedings of the Boston Society of Natural History*. Vol. xiii., pages 193 to 224.—*Harvard's Science Gossip*. No. 63, March, 1870.—*Nature*. Nos. 16 to 21.—*Le Naturaliste Canadien*. Vol.