

stances where the reader may find himself confused. For example, the coyote is mistakenly described as predominantly a northern bush or mountain animal. As a result of these rather confusing statements this book, although it was written for the layman, may in fact create misconceptions about wildlife in Canada.

The paper is rather unattractive, but the type is quite readable. The book is enhanced greatly by photographs, the sources of which are not mentioned.

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species are mentioned; there are accounts for 151. The nomenclature is brought up-to-date and common names in French are now included. A notable addition is a key to families and keys to species of the salmon and minnow families. Unlike many new editions, there has been no loss of quality in reproduction of the figures, in fact some are improved.

The mat paper of the 1954 edition has been replaced with glossy. Glossy paper, I find, is hard on the eyes, and if wetted, waterspots. A new plasticized artistic cover identifies the second edition. It is a pleasure to note the reasonable price.

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Freshwater Fishes of Eastern Canada

By W. B. SCOTT. University of Toronto Press, Toronto 5, Ontario. 1967, second edition, x + 137 pp., illus. \$2.25.

Anglers, naturalists, and students of ichthyology will appreciate this revised edition. Previous users will know its format with headings: *Other common names, Distinguishing features, Size, Occurrence, Life history and habits, Food, and Comments*. These sections are distilled to a single paragraph in the case of less important or more poorly known fishes. Most of the accounts are accompanied by photos by W. A. Carrick, usually from life. These include some of the finest published photos of North American freshwater fishes. Included, as before, are drawings showing those external parts of fishes useful in identification, a map of eastern Canada, and an index.

In comparing the new and the old editions one finds many worthwhile changes. There are now 137 pages of text as opposed to the previous 128, and fewer of these pages have blank spaces. Eight species accounts and 3 photos have been added. One hundred and fifty-four

The Illustrated Flora of Illinois: Ferns

By ROBERT H. MOHLENBROCK. Southern Illinois University Press, Carbondale and Edwardsville. 1967. xv—191 pp. \$8.00 (US).

The title of this book is misleading because both ferns and fern allies are treated in it. Botanists and particularly students of ferns, both amateur and professional, will however be pleased to see this first of a proposed series of illustrated volumes on the plants of Illinois.

In this book a total of 87 species, varieties and hybrids known to occur in Illinois, are well illustrated by line drawings. The accompanying text gives descriptions of the various taxa, together with the common name, habitat, overall range, distribution in Illinois and other helpful notes. Distribution maps depict the occurrence of each species in the various counties of the state. An attempt has been made to assess the correct names to be used for these nomenclaturally difficult plants, and an extensive synonymy is included. One new variety is proposed: *Lycopodium lucidulum* Michx.

var. *tryonii* Mohlenbrock. Since this is only a phase with entire leaves which might occur anywhere throughout the range of the species it might however have better been given the rank of forma.

Chromosome counts are given for many of the species—a useful feature. References for some of these counts are given, but there is no indication as to whether or not the counts were made on Illinois material.

This book will be a useful addition to the libraries of residents of Illinois and adjacent states as well as to phytogeographers in all parts of the world. Ontario users will find all of the common as well as many of the rarer taxa found in that province.

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OTHER NEW TITLES

The following titles are offered as a service to readers. Their listing does not preclude them from possible review in a future issue of the Canadian Field-Naturalist.

The Urgent Future: People, Housing, City Region. Albert Mayer. McGraw-Hill, New York. 1967. 198 p. illus. \$16.50 (US).

Travels and Traditions of Waterfowl. H. Albert Hochbaum. Univ. of Minnesota Press, Minneapolis. 1967. 313 p. illus. Paperback. \$2.95 (US). Reprint, 1966 edition.

World Climate from 8000 to 0 B.C. Proceedings of an international symposium, London, April, 1966. J. S. Sawyer (Ed.). Royal Meteorological Soc., London. 1967. 231 p. illus. Paperback. \$8.80 (US).

The Symphony of Life. Donald Hatch Andrews. Unity Books, Lee's Summit, Missouri. 1967. 423 p. illus. \$4.95 (US).

Terrestrial Life of Antarctica. S. W. Greene, J. L. Gressitt, D. Koob, G. A. Llano, E. D. Rudolph, R. Singer, W. C. Steere, and F. C. Ugolini. American Geographical Society, New York. 1967. 24 p. 11 maps. illus. \$7.50 (US). Antarctica Map Folio Series, No. 5.

The Theory of Island Biogeography. Robert H. MacArthur and Edward O. Wilson. Princeton Univ. Press, Princeton, N.J. 1967. 203 p. illus. Cloth. \$8.00 (US). Paperback. \$3.95 (US). Monographs in Population Biology.

Advances in Ecological Research. Volume 4. J. B. Cragg (Ed.). Academic Press, New York. 1967. 323 p. illus. \$13.50 (US).

Animals of the North. William O. Pruitt. Harper and Row, New York. 1967. 183 p. illus. \$5.95 (US).

The Bering Land Bridge. Based on a symposium given at the 7th Congress of the International Association for Quaternary Research (Boulder, Colorado), August – September, 1965. David M. Hopkins (Ed.). Stanford Univ. Press, Stanford, California. 1967. 511 p. illus. \$18.50 (US). Twenty-four papers.

In Wildness is the Preservation of the World. Selections and photographs by Eliot Porter. Sierra Club – Ballantine Books, New York. 1967. 159 p. illus. Paperback. \$3.95 (US).

Insecticides, Action and Metabolism. R. D. O'Brien. Academic Press, New York. 1967. 332 p. illus. \$14.00 (US).

The Land, Wildlife and Peoples of the Bible. Peter Farb. Harper and Row, New York. 1967. 171 p. illus. \$3.95 (US).

Population Growth and Land Use. Colin Clark. Macmillan, London; St. Martin's, New York. 1967. 406 p. illus. \$14.00 (US).



Cody, William J. 1967. "The Illustrated Flora of Illinois: Ferns, by Robert H. Mohlenbrock [Review]." *The Canadian field-naturalist* 81(4), 296–297.
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