

But when we compare the former numbers and range of such an animal as the bison, for example, with its present penned fragments, it becomes evident that it is a vanishing species after all, its existence continuing only on sufferance. This is brought home very sharply in the case of the grizzly bear in the United States, which gets shot whenever it wanders out of its two federally protected refuges in Yellowstone and Glacier National Parks.

To a very large extent, of course, the extermination or pushing into corners of many wild animal species has been inevitable, and lamentations over their fate will simply not be listened to by the average citizen. So long as man regards his interests as paramount, and prefers

beef to venison or jerked buffalo meat, we can expect him to carve out farms and ranches at the expense of forest and prairie; and we can expect, too, that he will exterminate costly predators like timber wolves and cougars if he is able.

It is wholly within reason, on the other hand, to demand and expect a restraint on wanton or over-greedy hunting that would wipe out the beasts that bear the golden furs. In this we have succeeded rather conspicuously with the fur seal, and seem to be succeeding with beaver. There is renewed hope for the sea otter. Perhaps still others may be added to the list of "managed" survivals.

Science News Letter, March 18, 1944

Books of the Week

➤ **ECONOMICS** of food, in national and international aspects, are presented palatably but with substance by John D. Black, in **FOOD ENOUGH** (*Jaques Cattell*, \$2.50). Concern is mainly with the war-time situation, but some consideration is given to post-war food problems.

Science News Letter, March 18, 1944

➤ **PACKED** from cover to cover with information covering all phases of its subject is **THE FORESTRY DIRECTORY**, compiled by Tom Gill and Ellen C. Dowling (*Am. Tree Ass'n.* \$2). Organization—state, national, Canadian, private—statistics, education, conservation, legislation, are among the many topics treated.

Science News Letter, March 18, 1944

➤ **FIREWORKS** are grimly employed nowadays, as signals and night illuminants on the battlefield; in a better time to come, they may again be employed in their traditional role, celebrating the attainment of freedom. For either purpose, G. W. Weingart's **PYROTECHNICS**,

CIVIL AND MILITARY (*Chem. Pub. Co.*, \$5), tells how to make, and what to use in the making. It is a book for professionals, with fascinating interest for lay readers—especially for younger males.

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Just Off the Press

THE AIRPLANE POWER PLANT—Francis Pope and Arthur S. Otis—*World Book.*, 188 p., illus., \$1.40.

BASIC AIR NAVIGATION—Elbert F. Blackburn—*McGraw-Hill*, 300 p. illus., \$3.00.

THE BASIC TEACHINGS OF THE GREAT PSYCHOLOGISTS—S. Stansfeld Sargent—*New Home Library*, 346 p., 69c.

DICTIONARY OF SOCIOLOGY—Henry Pratt Fairchild, ed.—*Philosophical Library*, 342 p., \$6.00.

FUNDAMENTALS OF PHYSIOLOGY—The Human Body: Its Function and Structure—Elbert Tokay—*New Home Library*, 336 p. illus., 69c.

A GUIDE TO NAVAL AVIATION—Wallace W. Elton, Alfred H. Discoll, Robert N. Burchmore and Gray B. Larkum—*McGraw-Hill*, 296 p. illus., \$2.50.

THE HUMAN EYE IN ANATOMICAL TRANSPARENCIES—Peter C. Kronfeld and Stephen L. Polyak; paintings by Gladys McHugh—*Bausch & Lomb*, 99 p., illus., \$6.50.

I WANTED TO SEE—Borghild Dahl—*Macmillan*, 210 p., \$2.00. The story of a woman's lifelong battle against the handicap of blindness.

THE ILLUSTRATED AVIATION ENCYCLOPEDIA—Norman V. Carlisle, ed.—*New Home Library*, 236 p., illus., 69c.

INDEX TO THE LITERATURE OF FOOD INVESTIGATION—Agnes Elisabeth Glennie and Catherine Alexander, compilers—*British Inf. Services*—225 p., paper, \$1.35.

MAGNETOCHEMISTRY—Pierce W. Selwood—*Interscience*, 287 p., illus., \$5.00.

MAP READING FOR THE SOLDIER—*Infantry Journal*, 110 p., illus., paper, \$1.00.

MATHEMATICS FOR NAVIGATORS—Delwyn Hyatt and Bennett M. Dodson—*McGraw-Hill*, 106 p., \$1.25.

THE METALLOGRAPHY OF METEORIC IRON—Stuart H. Perry—*Govt. Print. Off.*, 206 p., illus., 60c., paper, Bulletin 184.

ROSE'S FOUNDATIONS OF NUTRITION—Grace Macleod and Clara Mae Taylor—*Macmillan*, 594 p., illus., \$3.75, 4th ed. rev.

RUBBER AFTER THE WAR—K. E. Knorr—*Stanford Univ.*, 46 p., 25c., paper.

SEA FOOD COOKERY—Lily Haxworth Wallace—*Barrows*, 180 p., \$2.00.

STUDIES OF CENTRAL AMERICAN PLANTS—IV—Paul C. Standley and Julian A. Steyermark—*Field Museum*, 109 p., paper, 50c., Publication 549.

TEACHERS FOR OUR TIMES—Commission on Teacher Education—*Amer. Council on Education*—178 p., \$2.00. The council's commission on teacher education issues a statement of purposes dealing with the social significance of teaching and teacher education and the qualities that should be sought for in teachers who are to guide our young people during the generation that lies ahead.

U. S. COAST GUARD: Pictorial and Service Guide—*Hastings*, 72 p., illus., \$1.

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