

First Glances at New Books

► ENTERTAININGLY WRITTEN account of an unusual expedition to the Solomons by a resourceful young artist and her friend, illustrated by vivid sketches and portraits is **HEADHUNTING IN THE SOLOMON ISLANDS: Around the Coral Seas**, by Caroline Mytinger (*Macmillan*, \$3).

Science News Letter, December 26, 1942

► THE BREAKDOWN OF FIJIAN society following the influx of both the white man and Indian labor, together with colonial problems in establishing a new economic structure, are described in this comprehensive anthropological study, **FIJI, LITTLE INDIA OF THE PACIFIC**, by John Wesley Coulter, (*Univ. Chicago Press*, \$2) formerly head of the Geography Department at the University of Hawaii.

Science News Letter, December 26, 1942

► TRAVEL in a part of the world where travel is now impossible, northwestern New Guinea, is described in **TRAIL OF THE MONEY BIRD** (*Harper*, \$3.50) by Dillon Ripley, who was there on an ornithological collecting expedition half-a-dozen years ago. All the experiences he relates were interesting, many of them exciting, some quite amusing.

Science News Letter, December 26, 1942

► BIOLOGY FOR STUDENTS in a general survey course is well presented by three University of Florida faculty members, J. Speed Rogers, Theodore H. Hubbell and C. Francis Byers, in a new text, **MAN AND THE BIOLOGICAL WORLD** (*McGraw-Hill*, \$3.50). The course covers both animal and plant life, with perhaps greater stress on animals (including the human species); it is dynamic, with much space given to physiology, ecology and evolution and relatively less to details of structure and classification.

Science News Letter, December 26, 1942

► FUTURE GENERATIONS will not judge us as charitably as we do our forebears, if we continue to waste soil, forests and other vital resources as they did. After all, they knew no better, whereas we have the knowledge necessary unto salvation, and we shall be very properly damned if we fail to make use of it. An excellent working stock of this saving knowledge has been pre-

pared by Ollie E. Fink, in **CONSERVATION FOR TOMORROW'S AMERICA**, issued by the (*Ohio Division of Conservation and Natural Resources*, 50 cents). Intended primarily for use in Ohio's very progressive program of nature and conservation education, it contains much that will be found of value far outside the boundaries of that state.

Science News Letter, December 26, 1942

► WHAT WEATHER MEANS to fliers, together with a simple exposition of the principles of air navigation, are well fitted together in G. R. Harrison's **VISIBILITY UNLIMITED** (*Morrow*, \$4). An excellent book to put into the hands of the young man (or woman) who hopes to be flying soon. Good for the air-minded non-flying person, too.

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► MARVELS of the near-at-hand and the commonplace are brought to us by the vivid words and striking pictures of Edwin Way Teale's **NEAR HORIZONS** (*Dodd, Mead*, \$3.75). Just by looking closely and scaling them up a little, such ordinary insects as katydids and dragonflies are made as wonder-arousing as aard-varks or tapirs. In these days of necessarily restricted travel, it might pay all of us to go out into our own back yards and discover new worlds.

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► CYTOLOGY used to be mainly the study of dead cells, killed, fixed and stained. The revolution that has taken place in this subject in the past couple of decades is attested even in the title of a new work, **CYTOLOGY AND CELL PHYSIOLOGY** (*Clarendon Press*, \$6). Most significant is the fact that the group of workers who wrote it under the editorship of Geoffrey Bourne includes biochemists as well as "straight" cytologists.

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► RESEARCH LABORATORIES are the last American frontier of discovery. Their social importance and general principles of management are outlined in **INDUSTRIAL RESEARCH**, by F. Russell Bichowsky (*Chemical Publishing Co.*, \$2.50). The book is primarily for the business executive who has, or may have, a research department in his organization, or for the research director.

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► MODERN ALCHEMY has at last achieved the transmutation of the elements. More important, common use of artificial radioactivity was born of "atom smashing." These techniques have been of importance, not only to physicists, but to the biologist, the chemist and the medical research worker. It is for them that **APPLIED NUCLEAR PHYSICS**, by Ernest Pollard and William L. Davidson Jr. (*Wiley*, \$3) presents the related facts and methods of nuclear physics. Technical aspects are emphasized but most of the elaborate theoretical approach has been eliminated.

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► COMPREHENSIVE INFORMATION on rationing of food and other commodities in countries all over the world since the war began is presented by the Economic Intelligence Service of the League of Nations in **WARTIME RATIONING AND CONSUMPTION** (*Columbia Univ. Press*, \$1). Professional workers will welcome this compendium, while many laymen will also find it worth careful reading.

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Books of the Week

ADVENTURE IN BLOOD TRANSFUSION—Bertram M. Bernheim—*Smith and Durrell*, 182 p., \$2.50.

APPLIED NUCLEAR PHYSICS—Earnest Pollard and William L. Davidson Jr.—*Wiley*, 249 p., illus., \$3.

BIRD DISPLAY—Edward A. Armstrong—*Cambridge Univ. Press*—381 p., illus., \$5.50.

ELEMENTARY MATHEMATICS—Hyman Levy—*Ronald Press*, 216 p., \$1.50.

FIGHTER FACTS AND FALLACIES—John G. Lee—*Morrow*, 63 p., illus., \$1.25. Some of the fundamentals of flight told simply and clearly in brief text and pictures.

FIJI: LITTLE INDIA OF THE PACIFIC—John Wesley Coulter—*Univ. Chicago Press*—156 p., \$2.

GUIDE TO EASTERN FERNS—Edgar T. Wherry—*Science Press*, 252 p., illus., \$1, 2d edition.

HEADHUNTING IN THE SOLOMON ISLANDS AROUND THE CORAL SEA—Caroline Mytinger—*Macmillan*, 416 p., illus., \$3.

INDUSTRIAL RESEARCH—F. Russell Bichowsky—*Chemical Publishing Co.*, 126 p., \$2.50.

MAN'S POOR RELATIONS—Earnest Hooton—*Doubleday, Doran*, 403 p., illus., \$5. A history of the primates.

MATHEMATICS IN AVIATION (Air-Age Education Series)—George Osteyee—*Macmillan*, 186 p., 64c.

MENTAL HEALTH IN COLLEGE—Clements C. Fry and Edna G. Rostow—*Commonwealth Fund*, 365 p., \$2.