

First Glances at New Books

► **THE OCEANS** certainly is a sufficiently ambitious title for any book, but if it is justified anywhere it surely is in the present volume, for the senior author, Dr. H. U. Sverdrup, is director of the Scripps Institution of Oceanography, and his two associates, Dr. Martin W. Johnson and Dr. Richard H. Fleming, are also on the staff at La Jolla. There is no shirking of the big task undertaken, though it takes well over a thousand pages to tell the story of The Oceans in its chemical, physical and biological phases. Decidedly not a book for amateurs, it is a "must" for scientific libraries in many disciplines. (*Prentice-Hall*, \$10).

Science News Letter, January 23, 1943

► **IF RACE, REASON AND RUBBISH** hasn't been burned by the Nazis yet, it's only because Hitler's not-so-bright young men haven't got hold of a copy. Its Swedish author, Gunnar Dahlberg (a Nordic of the Nordics) interlards a popular but authoritative presentation of the basic facts of genetics with scornful refutations of the claims of racist "experts" that leave the Master-Race myth without a leg to stand on. Lancelot Hogben has done a good job of translation. (*Columbia Univ. Press*, \$2.25).

Science News Letter, January 23, 1943

► **SPEAKING OF MAN** is a favorite occupation of our highly self-conscious species. Such discussions are apt to become mere "bull sessions," for most of us do not have adequate factual background on which to construct a philosophy. Not so with the book which Dr. Michael F. Guyer, veteran University of Wisconsin zoologist, puts forth under the above title (*Harper's*, \$3.50). A zoologist's eyes are good windows from which to look forth on *Homo sapiens* and his doings: herein the results of a lifetime of such looking are set forth with cogency, yet with a spice of humor.

Science News Letter, January 23, 1943

► **BATRACHIANS** fascinate everybody, even those who merely find them mildly comic and do not realize what valuable members of the community they are. The new **HANDBOOK OF FROGS AND TOADS**, by Anna Allen Wright and Albert Hazen Wright (*Comstock*, \$3), will therefore undoubtedly enjoy the success

to which its good descriptions and even better illustrations entitle it.

Science News Letter, January 23, 1943

► **WHAT HAPPENED** at Midway? in the Coral Sea? Why Pearl Harbor? Singapore? Bernard Brodie tells, in simple and understandable common English, illustrated with equally simple and understandable sketches, in **A LAYMAN'S GUIDE TO NAVAL STRATEGY** (*Princeton Univ. Press*, \$2.50). Comes close to being "must" reading nowadays.

Science News Letter, January 23, 1943

► **WEATHER INTERESTS** people now more than ever, since the human race has become a winged species in both war and peace. Very timely, therefore, is the appearance of a highly readable yet scholarly book (well illustrated, too), **WAYS OF THE WEATHER**, by a veteran scientist of the U. S. Weather Bureau, Prof. W. J. Humphreys (*Jaques Cattell Press*, \$4). If you are one who reads only one book about a given subject, this is your book; if you are sufficiently interested to have several, this is the first one you should get.

Science News Letter, January 23, 1943

Just Off the Press

THE ADVANCEMENT OF SCIENCE: The Report of the British Association for the Advancement of Science, European Agriculture, Vol. 11 No. 6—British Association for the Advancement of Science, *Burlington House*, London, 63 p., 5 shillings.

A BOY AND A BATTERY—Raymond F. Yates—*Harper & Bros.*, 120 p., illus., \$1.50. Electric experiments described in this book may be carried out with equipment found in the home.

CHEMISTRY IN WARFARE: Its Strategic Importance—F. A. Hessel, M. S. Hessel and J. W. Martin—*Hastings House*, 179 p., illus., \$2. New revised and enlarged edition with technical appendix.

COMMON EDIBLE MUSHROOMS—Clyde M. Christensen—*Univ. of Minnesota Press*, 124 p., illus., \$2.50.

CULTURE ELEMENT DISTRIBUTIONS: XXII PLATEAU—Verne E. Ray—*Univ. of California Press*, 262 p., \$1.75. (*Anthropological Records* Vol. 8, No. 2).

DIFFERENTIATION AND GROWTH OF GASTRULAR ANLAGEN IMPLANTED HOMOPLASTICALLY INTO TADPOLES OF HYLA REGILLA—Morgan Harris—*Univ. of California Press*, 44 p., illus., 7 plates, 75c. (*University of California Publications in Zoology*, Vol. 51, No. 2).

ESSENTIAL MATHEMATICS FOR SKILLED WORKERS—Harry M. Keal and Clarence J. Leonard—*Wiley*, 293 p., illus., \$1.50. "Review arithmetic, algebra, geometry, trigonometry, slide rule, and applied technical problems."

FACT AND FANCY IN THE T.N.E.C. MONOGRAPHS—John Scoville and Noel Sargent, compilers; sponsored by the National Association of Manufacturers—*H. W. Wilson*, 812 p., \$3. "Reviews of the 43 monographs issued by the Temporary National Economic Committee."

LATIN AMERICA: Countrysides and United Regions—Robert S. Platt—*McGraw-Hill*, 564 p., illus., \$5. A new geography.

MANUAL OF EXPLOSIVES, MILITARY PYROTECHNICS AND CHEMICAL WARFARE AGENTS: Composition, Properties, Uses—Jules Bebie—*Macmillan*, 171 p., illus., \$2.50.

MATHEMATICS OF AIR AND MARINE NAVIGATION—A. D. Bradley—*American Book Co.*, 103 p., and tables, \$1. Mathematics of immediate practical value to the man who is trying to find his way around this globe.

THE MECHANISM OF AMPHIBIAN GASTRULATION: 1. Gastrulation—Promoting Interactions Between Various Regions of an Anuran Egg (Hyla Regilla)—A. Mandel Schechtman—*Univ. of California Press*, 39 p., illus., 50c. (*University of California Publications in Zoology*, Vol. 51, No. 1).

MODERN CAMOUFLAGE: The New Science of Protective Concealment—Robert P. Breckenridge—*Farrar & Rinehart*, 280 p., illus., \$3.50.

THE NATURE OF THE RED, YELLOW, AND ORANGE PIGMENTS IN WOODPECKERS OF THE GENUS COLAPTES—Frederick H. Test—*Univ. of California Press*, 18 p., illus., 25c. (*University of California Publications in Zoology*, Vol. 46, No. 6).

ON THE PRESERVATION OF INSECTS, WITH PARTICULAR REFERENCE TO COLEOPTERA—J. Manson Valentine—*Smithsonian Institution*, 16 p., 15c.

POSTMORTEM ON MALAYA—Virginia Thompson—*Macmillan*, 323 p., \$3. Issued under the auspices of the Secretariat, Institute of Pacific Relations: International Research Series.

PRINCIPLES OF ELECTRONICS—Royce Gerald Kloeffler—*Wiley*, 175 p., illus., \$2.50.

PROBLEMS IN BLUEPRINT READING—Drew W. Castle—*Manual Arts Press*, 93 p., illus., 96c. Revised and enlarged edition.

THE THEORY OF THE PHOTOGRAPHIC PROCESS—C. E. Kenneth Mees—*Macmillan*, 1124 p., illus., \$12. Excellent technical reference book by an expert.

UNITED STATES AT WAR: December 7, 1941 — December 7, 1942 — *Army and Navy Journal*, 180 p., \$3. Report of Government, Army and Navy, Industry and Labor activities during the first year of the war.

WARTIME REFRESHER IN FUNDAMENTAL MATHEMATICS—W. C. Eddy—*Prentice-Hall*, 248 p., illus., \$1.40, text edition, \$1.05.