

•First Glances at New Books

NAVIGATION

THE OBSERVER'S BOOK ON MAPS—CHARTS AND PROJECTIONS—William Alexander and W. J. D. Allan—91 p., \$1.25; THE OBSERVER'S BOOK ON ASTRO-NAVIGATION, Part I and II—Francis Chichester—186 p., 2 v., \$1.25 ea., *Chemical Pub. Co.* The first of these three little books acquaints the aviator with the kinds of maps and charts he will use on a long flight, the use of radio direction finding and the symbols used to aid air navigation. It is written especially for the British Royal Air Force. The other two tell the aviator how to find his position by means of the stars, the observations and calculations that must be made, and the instruments that are used.

Science News Letter, November 22, 1941

METEOROLOGY

ON SOLAR - CONSTANT AND ATMOSPHERIC TEMPERATURE CHANGES—Henryk Arctowski—*Smithsonian Institution*, 62 p., 30c. (Smithsonian Misc. Coll., Vol. 101, No. 5). See page 324.

Science News Letter, November 22, 1941

ANTHROPOLOGY

ECONOMICS OF A GUATEMALAN VILLAGE—Charles Wagley—*American Anthropological Association*, 85 p., 90c.

Science News Letter, November 22, 1941

GEOGRAPHY

LABORATORY EXERCISES IN PHYSICAL GEOGRAPHY—M. H. Shearer—*McGraw-Hill*, 139 p., illus., \$1. A workbook for college students, to accompany "The Earth and its Resources" by Finch, Trewartha, and Shearer (reviewed *SNL*, August 30, 1941).

Science News Letter, November 22, 1941

ORNITHOLOGY

WATCHING BIRDS — James Fisher — *Penguin*, 190 p., illus., 25c. Although written by an Englishman and for British birds and environment, the principles on which this handy little manual is built hold good wherever there are birds to watch and persons interested in watching them.

Science News Letter, November 22, 1941

MEDICINE

COMMUNICABLE DISEASE CONTROL, A Volume for the Health Officer and Public Health Nurse—Gaylord W. Anderson and Margaret G. Arnstein—*Macmillan*, 434 p., \$4.25. This should be a very useful book because of its emphasis on and specific directions for practical procedures. Especially helpful, particularly

in view of the limited facilities usually available to health officers and public health nurses, should be the distinction between measures that may be theoretically desirable and those of proved worth.

Science News Letter, November 22, 1941

ETHNOLOGY

AN APACHE LIFE-WAY, The Economic, Social, and Religious Institutions of the Chiricahua Indians — Morris Edward Opler—*Univ. of Chicago Press*, 500 p., illus., \$5. A very successful attempt to make the living habits and thought of a primitive people understandable to readers like ourselves. Mr. Opler's material is the sort that usually goes into anthropology studies, but he has taken unusual pains to bring facts to life, for a wider audience than his fellow scientists.

Science News Letter, November 22, 1941

ASTRONOMY

EARTH, MOON AND PLANETS—Fred L. Whipple—*Blakiston*, 293 p., illus., \$2.50, (The Harvard Books on Astronomy). The latest information concerning the planets, together with the manner in which that information has been gathered, is here presented in simple non-technical language. Theories of the origin of the planets and of the moon are weighed and discussed. A planet finder and star chart enable the reader to locate the planets in the sky at any time up to 1970.

Science News Letter, November 22, 1941

ASTRONOMY

THE STORY OF VARIABLE STARS—Leon Campbell and Luigi Jacchia—*Blakiston*, 226 p., \$2.50, (The Harvard Books on Astronomy). How the stars change in brightness, the types of variation and the part they play in some of the problems of the universe, are here told with simplicity and clarity. Particularly illuminating are the chapters on red variables and novae, much of the information being of recent origin. The technique of observation is told in detail and will be valuable to amateur astronomers.

Science News Letter, November 22, 1941

PHYSICS

NUCLEAR PHYSICS—Enrico Fermi and others—*Univ. of Penn. Press*, 68 p., 75c. Six valuable papers presented at the University of Pennsylvania Bicentennial Conference.

Science News Letter, November 22, 1941

NUTRITION

WE NEED VITAMINS, WHAT ARE THEY? WHAT DO THEY DO?—Walter H. Eddy and Gessner G. Hawley—*Reinhold*, 102 p., \$1.50. Here is a brief, simply written book for the general reader. It describes each of the known vitamins in alphabetical order, tells its value and sources. A table lists and explains the standard units of vitamin measurement in drugs and foods in the United States today. For the housewife, anxious to provide a vitamin-complete diet for her family, the appendix gives a complete list of foodstuffs and their vitamin story up to the minute, but the authors fail to reflect current medical opinion that drug store vitamin preparations are best left alone by the layman unless he has his physician's prescription.

Science News Letter, November 22, 1941

PHYSICS

DOCTOR WOOD, Modern Wizard of the Laboratory — William Seabrook — *Harcourt, Brace*, 335 p., \$3.75. See page 327.

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GEOLOGY

SHIFTINGS OF SEA FLOORS AND COAST LINES — Norman L. Bowen, Joseph A. Cushman and Roy E. Dickerson—*Univ. of Penn. Press*, 30 p., illus., 50c.

Science News Letter, November 22, 1941

GEOPHYSICS

TRANSACTIONS OF AMERICAN GEOPHYSICAL UNION, 1941, Part II — *National Research Council*; Distributed by *Amer. Geophysical Union*, 359 p., \$2.50.

Science News Letter, November 22, 1941

ZOOLOGY

THE PERSONALITY OF ANIMALS — H. Munro Fox—*Penguin*, 123 p., illus., 25c. Entertaining and informative chapters on animal behavior.

Science News Letter, November 22, 1941

ETHNOLOGY

CAMP, CLAN, AND KIN AMONG THE COW CREEK SEMINOLE OF FLORIDA—Alexander Spoehr—*Field Museum of Natural History*, 27 p., 15c. See page 329.

Science News Letter, November 22, 1941

PHYSICS

ATOMS IN ACTION, The World of Creative Physics (Rev. ed.)—George Russell Harrison—*Morrow*, 401 p., \$3.50. An account of the latest scientific discoveries and their contributions to everyday life. The revised edition includes a new chapter, "Science in War and After".

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