

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N. W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

AMERICAN LIFE: Dream and Reality—W. Lloyd Warner—*University of Chicago Press*, 268 p., \$3.75. Describes, analyzes and interprets some of the important aspects of the social life of this nation.

ANALYTIC GEOMETRY AND CALCULUS—Lloyd L. Smail—*Appleton-Century-Crofts*, 714 p., \$5.50. Suitable both for liberal arts students and for students of engineering and science.

ANTHROPOLOGICAL PAPERS, Nos. 33-42—Bureau of American Ethnology, Smithsonian Institution—*Government Printing Office*, Bul. 151, 507 p., illus., paper, \$1.75. Papers on the Crow Nation, "Aboriginal Fish Poisons," "The Wind River Shoshane Sun Dance," etc.

BASIC DRUGS: U. S. Public Health Service Hospitals and Clinics, 1953—Public Health Service—*Government Printing Office*, 165 p., paper, 50 cents. A handbook of drug therapy stressing uniform drug nomenclature.

BOBBY BLUEGILL—R. W. Eschmeyer—*Fisherman*, 47 p., illus., paper, 50 cents, cloth \$1.50. Points out to children the need for using our soil and water wisely.

BRIGHT CHILDREN: A Guide for Parents—Norma E. Cutts and Nicholas Moseley—*Putnam*, 238 p., \$3.50. Deals with the special problems of parents in coping with bright children.

CAREER MISS: Young Women's Guide to Job Opportunity, 1953 New York Edition—Stanley E. Kreimer and Daniel S. Pickrell, Jr.—*Career Publications*, 58 p., illus., paper, \$1.00. An introduction to 67 top New York concerns, their working environments and career opportunities.

CHARLEY COTTONTAIL—R. W. Eschmeyer—*Fisherman*, 50 p., illus., paper, 50 cents, cloth \$1.50. An educational story about rabbits and how they are managed for a better hunting future.

CHEMICAL PROCESSING OF WOOD—Alfred J. Stamm and Elwin E. Harris—*Chemical Publishing*, 595 p., illus., \$12.00. Information on the chemical utilization of woods, especially of wood residues and inferior species of wood.

CIVIL AIR REGULATIONS AND REFERENCE GUIDE FOR A & E MECHANICS—*Aero Publishers*,

rev. ed., 120 p., paper, \$2.00. Information for students working for their aviation mechanics license.

DISTRIBUTION OF LOAD STRESSES IN HIGHWAY BRIDGES—*Highway Research Board*, Research Report 14-B, 86 p., illus., paper, \$1.50. Papers presented at the 31st annual meeting, Jan., 1952.

ELEMENTS OF PROPELLER AND HELICOPTER AERODYNAMICS—Daniel O. Dommasch—*Pitman*, 178 p., illus., \$4.50. The fundamental principles of helicopter theory presented for use as a text in undergraduate college courses.

THE FLORA OF PONAPE—Sidney F. Glassman—*Bernice P. Bishop Museum*, Bulletin 209, 152 p., illus., paper, \$2.50. Report of an expedition in 1949, in which almost 500 varieties of plants were collected.

A GUIDE TO BIRD WATCHING—Joseph J. Hickey—*Garden City*, 264 p., illus., \$1.98. Facts to aid the amateur in bird study.

JUVENILE DELINQUENCY: Causes, Prevention, Treatment—An Annotated Bibliography—Federal Security Agency Library—*Social Security Administration, Children's Bureau*, 41 p., paper, free upon request to publisher, Third and Independence Ave., S.W., Washington 25, D. C. A selective rather than comprehensive bibliography, with emphasis on current material.

THE MEANING OF RELATIVITY—Albert Einstein—*Princeton*, 4th ed., 165 p., \$3.50. A revision of Einstein's generalized theory of gravitation unifying previous conflicts and completely describing the physical universe in a single theory. (See SNL, p. 227.)

THE MECHANISM OF DUST CLEARANCE FROM THE LUNG—Paul Gross—*Mellon Institute of Industrial Research*, 5 p., paper, free upon request direct to publisher, 4400 Fifth Avenue, Pittsburgh 13, Pa.

AN OTTER'S STORY—Emil E. Liers—*Viking Press*, 191 p., illus., \$2.50. A true story as well as a defense of the otter, with a plea for the animal's protection.

PERON'S ARGENTINA—George I. Blanksten—*University of Chicago Press*, 478 p., \$6.50. A survey of the contemporary Argentine political scene.

PRINCIPLES AND PRACTICES OF SECONDARY SCHOOL TEACHING—Herbert J. Klausmier—*Harper*, 521 p., \$4.50. Aids the teacher in improving her classroom technique.

THE QUMRAN (DEAD SEA) SCROLLS AND PALAEOGRAPHY—Solomon A. Birnbaum—*American Schools of Oriental Research*, Supplementary Studies Nos. 13-14, 52 p., illus., paper, \$1.50. Discusses the age of the Dead Sea Scrolls.

ROCKET PROPULSION: With an Introduction to the Idea of Interplanetary Travel—Eric Burgess—*Chapman & Hall* (Macmillan), 235 p., illus., \$4.50. Both an introduction for the layman and a reference guide for the specialist.

SCIENTIFIC LEADERSHIP IN SMOKE CONTROL—Robert T. Griebing—*Mellon Institute of Indus-*

trial Research, 2 p., paper, free upon request to publisher, 4400 Fifth Avenue, Pittsburgh 13, Pa.

SPONGES OF THE ALASKAN ARCTIC—M. W. De Laubenfels—*Smithsonian Institution*, Misc. Collections, Vol. 121, No. 6, 22 p., illus., paper, 30 cents.

STRUCTURE AND FUNCTION OF THE GENITALIA IN SOME AMERICAN AGELENID SPIDERS—Robert L. Gering—*Smithsonian Institution*, Misc. Collections, Vol. 121, No. 4, 84 p., illus., paper, 80 cents.

TELEVISION AND RADAR ENCYCLOPEDIA—W. MacLanachan, Ed.—*Pitman*, 216 p., illus., \$6.00. An up-to-date guide to the principles, practice and terminology of television and radar.

TV MANUFACTURERS' RECEIVER TROUBLE CURES, Vol. II—Milton S. Snitzer, Ed.—*Rider*, 117 p., illus., paper, \$1.80. The makers provide hints on how to make their television sets work better. Covering models from Emerson to Jackson.

TEXTBOOK OF BOTANY—Edgar N. Transeau, Homer C. Sampson and Lewis H. Tiffany—*Harper*, rev. ed., 817 p., illus., \$6.00. A text designed to give the students facts and procedures which they will retain and use throughout their lives.

THOMAS ALVA EDISON, INVENTOR—Ruth C. Weir—*Abingdon-Cokesbury*, 128 p., illus., \$1.50. Incidents from his boyhood and young manhood. For ages 7 to 11.

WATER, WATER EVERYWHERE—Mary Walsh—*Abingdon-Cokesbury*, 48 p., illus., \$2.00. Covers the aspects and actions of oceans, rivers, etc., and tells of the effects of rain and snow.

WAYS TO PSYCHIC HEALTH: Brief Therapy from the Practice of a Psychiatrist—Alphonse Maeder, translated by Theodore Lit—*Scribner*, 200 p., \$3.50. Presents 15 case histories, and portrays the interaction between medical psychotherapy and pastoral care.

Science News Letter, April 11, 1953

ASTRONOMY

Largest Minor Planet To Be Hidden by Moon

► THE LARGEST minor planet, Ceres, with a diameter of about 480 miles, will be hidden by the moon on the evening of Friday, April 17.

The unusual event, called an occultation by astronomers, can be viewed with a pair of binoculars, though not with the naked eye, over the entire eastern half of the United States and Canada.

The minor planet's passage behind the dark side of the four-day-old moon may give astronomers a more accurate idea of its diameter. The asteroid, which will then be of magnitude 8.5, will disappear gradually, not instantaneously, starting at 7:34 p.m., C. S. T., in Illinois, and at 8:48 p.m. E.S.T. in Massachusetts.

The occultation can be seen wherever the sun has set and the sky has become dark enough for the asteroid to be visible near the moon in the western sky. The sun will still be above the horizon in the Far West at the time of occultation.

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