

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.

THE ARMS RACE: A Programme for World Disarmament—Philip Noel-Baker—*Oceana*, 579 p., \$6. Explores for the general reader the complex problems connected with drafting multi-lateral international agreements for limitation of national armaments.

ADVANCES IN VETERINARY SCIENCE, Vol. IV—C. A. Brandy and E. L. Jungherr—*Academic*, 414 p., illus., \$12. Reports on such timely topics as X-ray therapy, atomic fallout, and defense against the importation of animal diseases.

AGEING AND HUMAN SKILL—A. T. Welford—*Oxford Univ. Press* for Nuffield Foundation, 300 p., illus., \$4. Research on the nature of age changes in speed and accuracy, perception, problem solving and memory.

BUILDINGS FOR RESEARCH—Editors of Architectural Record—*F. W. Dodge*, 224 p., illus., \$9.50. Selection of material previously published in issues of the magazine *Architectural Record*.

CARDIOVASCULAR DISEASES IN THE U.S.: Facts and Figures—*Am. Heart Assn.*, 15 p., illus., paper, free upon request direct to publisher, 44 E. 23 St., New York 10, N. Y. Answers questions about heart diseases now accounting for 54% of all deaths in the U. S.

CONTRIBUTIONS TO MODERN PSYCHOLOGY: Selected Readings in General Psychology—Don E. Dulany, Jr., Russell L. DeValois, David C. Beardslee and Marian R. Winterbottom—*Oxford Univ. Press*, 398 p., illus., paper, \$3.25.

COSMIC ELECTRODYNAMICS—J. W. Dungey—

Cambridge Univ. Press, 183 p., illus., \$6. Basic theory important in the development of controlled fusion. Monograph of interest to those concerned with solar and atmospheric physics.

THE DECIPHERMENT OF LINEAR B—John Chadwick—*Cambridge Univ. Press*, 147 p., illus., \$3.75. Reconstructs the logic of the late Michael Ventri's decipherment of the inscribed clay tablets found at Mycenaean sites in Greece and Crete.

DISCOVERY PROBLEMS IN PHYSICS: A Workbook and Laboratory Manual for Use with Any Physics Text—Hallie F. Turner—*College Entrance Bk. Co.*, rev. ed., 360 p., illus., paper, \$1.80. With practice for college entrance tests.

EDUCATION FOR THE EXCEPTIONAL CHILD—L. X. Magnifico—*Longmans*, 371 p., \$6.25. Textbook with chapter on the psychology of teaching the gifted.

ELECTRONIC DIGITAL COMPUTERS: Their Use in Science and Engineering—Franz L. Alt—*Academic*, 336 p., \$10. An introduction to this field.

ETYMOLOGY WITH ESPECIAL REFERENCE TO ENGLISH—Alan S. C. Ross—*Essential Bks*, 169 p., \$7. For scholars and students of the English language.

THE EXPLORATION OF TIME—R. N. Bowen—*Philosophical Lib.*, 143 p., illus., \$6. Discusses the techniques and methods used in geochronology, the science of dating.

EXPLORING CHEMISTRY—Roy A. Gallant—*Garden City Bks.*, 120 p., illus., by Lee J. Ames, \$2.95. Shows the young reader some of the dramatic developments in chemistry since early times.

EXPLORING THE PLANETS—Roy A. Gallant—*Garden City Bks.*, 120 p., illus., by John Polgreen, \$2.95. Attractive introduction to what we know about planets. For young people.

FIFTY YEARS OF BOTANY—William Campbell Steere, Ed.—*McGraw-Hill*, 638 p., illus., \$10. Golden Jubilee Volume of the Botanical Society of America. Survey of research with bibliographies.

FIRST CAME THE FAMILY—Ruth M. Underhill—*Morrow*, 223 p., illus. by Arminta Neal, \$3. Anthropologist tells of family life in many societies. For young people.

FLASHING HARPOONS: The Story of Whales and Whaling—R. Frank, Jr.—*Crowell*, 183 p., illus. by John O'Hara Cosgrave II, \$3. Describes how men pursue the world's largest living animals.

FLAVOR RESEARCH AND FOOD ACCEPTANCE—Lloyd M. Beidler and others—*Reinhold*, 391 p., illus., \$10. Papers of a symposium sponsored by Arthur D. Little, Inc.

FROM COMMUNITY TO METROPOLIS: A biog-

raphy of Sao Paulo, Brazil—Richard M. Morse—*Univ. of Fla. Press*, 341 p., illus., \$7.50. Follows the sociological, cultural and demographic development of a town from parochial beginnings to what it is today, an industrial city of 3,000,000 inhabitants.

THE GANG: A Study in Adolescent Behavior—Herbert A. Bloch and Arthur Niederhoffer—*Philosophical Lib.*, 231 p., \$6. Sociologist and police officer analyze reasons for the organization of adolescent groups.

HOW TO DRAW INSECTS—Norman Weaver—*Studio (Crowell)*, 64 p., illus. by author, \$1.95. Shows how with the aid of magnifying lenses exact shapes can be observed and drawn.

HOW TO KNOW THE FRESHWATER FISHES—Samuel Eddy—*W. C. Brown*, 253 p., illus. by author, cloth \$3.25, paper \$2.75. Pictured-keys for identifying U. S. fishes, including some marine species which often enter fresh water.

LABORATORY EXPERIMENTS IN GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS—George W. Watt—*McGraw-Hill*, 3rd ed., 275 p., illus. by James R. Holmes, paper, \$3.50. Intended for use in second semester course.

LIVE AND LET LIVE: The Moral of the Wolfenden Report—Eustace Chesser, foreword by Sir John Wolfenden—*Philosophical Lib.*, 126 p., \$4.75. Psychologist's commentary on the Report of the Committee on Homosexual Offences and Prostitution, issued in England last year.

MANUAL OF VASCULAR PLANTS OF THE LOWER YANGTZE VALLEY, CHINA—Albert N. Steward—*Ore. State College*, 621 p., illus., \$9. First presentation for the area of a flora with keys and descriptions to 196 families, 871 genera and 1,959 species of vascular plants.

NEBRASKA SYMPOSIUM ON MOTIVATION, 1958—Marshall R. Jones, Ed.—*Univ. of Neb. Press*, 278 p., cloth \$3.50, paper \$3. Explorations of the territory of motivations in psychology.

NEGROES AND MEDICINE—Dietrich C. Reitzes—*Harvard Univ. Press*, for The Commonwealth Fund, 400 p., \$7. Systematic study of opportunities for negroes in medicine, and of the status of medical care for and by negroes based on a comparative analysis of 14 communities.

THE NEW CHEMOTHERAPY IN MENTAL ILLNESS: The History, Pharmacology and Clinical Experiences with Rauwolfia, Phenothiazine, Azacyclonol, Mephenesin, Hydroxyzine and Benzazine Preparations—Hirsch L. Gordon, Ed.—*Philosophical Lib.*, 762 p., illus., \$12.

NO MORE WAR—Linus Pauling—*Dodd*, 254 p., illus., \$3.50. Might be subtitled "A Reply to Edward Teller". Points out the dangers from radiation and fallout.

OUTDOOR RAMBLES—Stuart L. Thompson—*Longmans*, 147 p., illus. by Geoffrey Goss, \$3.50. Observations of a naturalist.

THE PROPERTIES OF GASES AND LIQUIDS: Their Estimation and Correlation—Robert C. Reid and Thomas K. Sherwood—*McGraw-Hill*, 386 p., \$10. Critical review of the various practical estimation procedures, with bibliography.

PUBLIC EDUCATION IN AMERICA: A New Interpretation of Purpose and Practice—George Z. F. Bereday and Luigi Volpicelli—*Harper*, 212 p., \$4. Seventeen educators appraise our system, from elementary school to college. Bibliographies.

THE ROAD TO EMOTIONAL MATURITY—David

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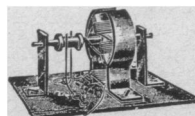
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Abrahamsen—*Prentice-Hall*, 388 p., \$4.95. A psychoanalyst shows how to combine emotions with intellect to achieve emotional well-being.

SCIENCE AND EDUCATION AT THE CROSSROADS: A View from the Laboratory—Joseph William Still, introd. by Malvina Lindsay—*Public Affairs Press*, 140 p., \$3.75. A scientist's viewpoint on the needs of both American education and foreign policy.

SCIENCE AND THE DETECTION OF CRIME—C. R. M. Cuthbert—*Philosophical Lib.*, 244 p., illus., \$10. An account of the work undertaken in the Forensic Science Laboratory at New Scotland Yard.

SECRETS OF TAKING GOOD PICTURES—A. A. Knopf—*Hanover House*, rev. ed., 144 p., illus., \$2.50. Full of useful hints, clearly explained and illustrated.

SELECTED STUDIES OF MIGRATION SINCE WORLD WAR II—Dudley Kirk and others, foreword by Frank G. Boudreau and Clyde V. Kiser—*Milbank Memorial Fund*, 244 p., paper \$1. Papers and discussions of Thirty-Fourth Annual Conference.

SNAILS—Dorothy Childs Hogner—*Crowell*, 81 p., illus. by Nils Hogner, \$2.50. For the young reader, includes directions for making snailery and aquarium.

SOCIAL STRATIFICATION IN POLYNESIA—Marshall D. Sahlins—*Univ. of Wash. Press*, 306 p., \$4.50. Study of the development of social inequality in pre-class society, and of adaptive variation in culture.

SOLVING THE SCIENTIST SHORTAGE—David C. Greenwood, introd. by Howard Bevis—*Public Affairs Press*, 68 p., paper, \$2. Survey of the present state of our engineering and scientific training and development programs, with latest available statistics and bibliography.

STATISTICAL ABSTRACT OF THE UNITED STATES 1958—Statistical Reports Division, Bureau of the Census, Edwin D. Goldfield, Chief—*Govt. Printing Office*, 1040 p., \$3.75. 79th Annual Edition.

VOICE ACROSS THE SEA—Arthur C. Clarke—*Harper*, 208 p., illus., \$3.75. Tells the story from the laying of the first crude submarine cable in 1858 to the opening of the first telephone cable in 1956.

Science News Letter, September 27, 1958

EDUCATION

National TV Course Offered for College Credit

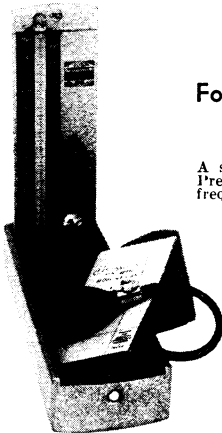
➤ THOUSANDS of high school teachers are expected to rise early during the school year to take a credit college course on atomic age physics that the National Broadcasting Company will televise coast-to-coast.

A joint undertaking of the American Association of Colleges for Teacher Education, the Ford Foundation's Fund for the Advancement of Education and NBC, the program will be telecast from 6:30 to 7 a.m. local time, Monday through Friday, Oct. 6 to June 5.

The principal teacher of "Continental Classroom" will be Dr. Harvey E. White, professor of physics at the University of California, Berkeley, who will be assisted by guest scientists in the program, taped in New York. Colleges which cooperate will determine charges for tuition for those who register for credit, expected to be not less than three hours a semester.

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Science News Letter, September 27, 1958



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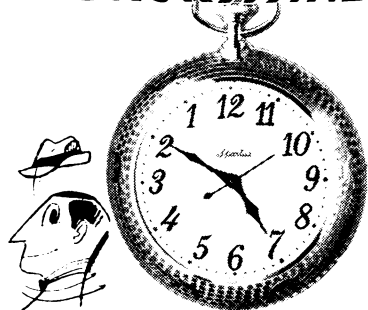


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