

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.

ALCOHOLISM: A Sickness That Can Be Beaten—Alton L. Blakeslee—*Public Affairs Committee*, 32 p., illus., paper, 25 cents. A pamphlet that points out some of the ways this sickness, which affects about 4,000,000 Americans, is moving from the realm of morality into science and medicine. According to the author only 20% of the alcoholics are of the "skid row" type.

THE CASE METHOD OF TEACHING HUMAN RELATIONS AND ADMINISTRATION—Kenneth R. Andrews, Ed.—*Harvard University Press*, 271 p., \$4.50. A collection of papers by those who teach and do research in human relations at the Harvard Business School.

CHEMICAL INDUCTION OF CANCER—George Wolf—*Harvard University Press*, 250 p., illus., \$3.50. Primarily concerned with the experimental induction of tumors in animals by chemical compounds.

CONSERVATION: Thirteenth Annual Biology Colloquium—Stanley A. Cain, Leader—*Oregon State Chapter of Phi Kappa Phi*, 40 p., paper, 75 cents. Restricted to the two resources, agriculture and forestry, the committee's purpose was to present a balanced picture of conservation in these areas.

DEVELOPMENT OF INTERNATIONAL COOPERATION IN SCIENCE: A Symposium—William W. Rubey and others—*National Academy of Sciences-National Research Council*, 27 p., paper, free upon request to publisher, 2101 Constitution Ave., Washington 25, D. C. The sym-

posium was arranged to bring before the general scientific public some of the problems and history of international cooperation in science.

EGO PSYCHOLOGY AND THE PSYCHOSES—Paul Federn—*Basic Books*, 375 p., \$6.00. Psychiatrists, psychologists and other professional workers in this field will welcome the publication of these original contributions of Freud's student.

EUGENICS: Galton and After—C. P. Blacker—*Harvard University Press*, 349 p., \$5.00. The first section is devoted to the scientific activities, the personality, and the views on eugenics of Francis Galton; the second half discusses the developments which have occurred in eugenics since the death of the founder.

THE INDUSTRIAL APPLICATION OF AERODYNAMIC TECHNIQUES—*Her Majesty's Stationery Office*, Notes on Applied Science No. 2, 37 p., illus., paper, 90 cents. The second in a series, this handbook deals with a number of special applications of aerodynamic equipment and techniques, and attempts to illustrate how the knowledge gained in aerodynamic research can be applied to a wide range of industrial problems.

THE LITERATURE ON STREPTOMYCIN: 1944-1952—Selman A. Waksman—*Rutgers University Press*, 2nd ed., 553 p., \$5.00. Since the publication of the first edition less than four years ago, references dealing with this antibiotic have increased from 1,200 to almost 6,000. The new edition is largely devoted to the clinical uses of streptomycin.

MANPOWER RESOURCES IN PHYSICS, 1951—Theresa R. Shapiro—*Govt. Printing Office*, Scientific Manpower Series No. 3, 46 p., paper, 20 cents. An analytical report on one of the most serious problems in the field of scientific manpower, the shortage of physicists in this country.

MOGOLLON CULTURAL CONTINUITY AND CHANGE: The Stratigraphic Analysis of Tularosa and Cordova Caves—Paul S. Martin and others—*Chicago Natural History Museum*, Fieldiana: Anthropology, Vol. 40, 528 p., illus., paper, \$8.00. Reports on archaeological investigations in west central New Mexico that began in 1939.

PLEISTOCENE GEOLOGY OF KANSAS—John C. Frye and A. Byron Leonard—*University of Kansas Publications*, Bulletin 99, 230 p., illus., paper, 25 cents. Data on the general geology of Kansas Pleistocene deposits which underlie much of the surface of Kansas, and contain more than 60% of the State's ground water supply.

PROCEEDINGS OF THE SECOND MIDWESTERN CONFERENCE ON FLUID MECHANICS 1952—*College of Engineering, Ohio State University*, 529 p., paper, \$6.00. Contains the papers given at the conference held at The Ohio State University March 17-19, 1952.

SCHOOLS AT WORK IN 48 STATES: A Study of Elementary School Practices—Effie Bathurst and Glenn Blough, Eds.—*Govt. Printing Office*, 138 p., illus., paper, 35 cents. Describes how some schools are effectively handling certain common educational problems.

SIR JAMES JEANS: A Biography—E. A. Milne—*Cambridge University Press*, 175 p., illus., \$4.00. An interesting book about the life and contributions of this genius in mathematical physics, who spent the second part of his life popularizing the theories of astronomers and physicists.

A SURVEY OF HOUSING RESEARCH IN THE UNITED STATES—William H. Scheick, Executive Director—*Govt. Printing Office*, 723 p., paper, \$3.00. Provides industry with information on housing research being undertaken by educational institutions, scientific foundations, professional societies, trade associations and commercial laboratories.

THE TREATMENT OF THE YOUNG DELINQUENT—J. Arthur Hoyles—*Philosophical Library*, 273 p., \$4.75. An English minister surveys the changes in reaction to juvenile delinquency and examines the developments in treatment in relation to Christian principles.

THE WHITE PLAGUE: Tuberculosis, Man and Society—Rene and Jean Dubos—*Little, Brown*, 277 p., \$4.00. A vivid account of tuberculosis, its causes, cures, and effects on society, since the nineteenth century. The authors think that the disease is the consequence of defects in social organization.

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PSYCHOLOGY

Psycho-Drama Used As Educational Technique

► HOW YOU act can alter how you feel. That is the theory behind a new educational technique being developed at the University of Wisconsin.

The idea of combining psycho-drama with the regular methods of instruction in the dance department belongs to Dr. Thelma Hruza of the University's Medical School.

"The central idea, that a change of action pattern can guide a change of feeling or emotion, is simple," she explains. "It is not to be confused, however, with makeshift attempts to bolster a person's morale through sentimental escapism. The process is delicate, painstaking and aimed at the roots of personality structure," she adds.

"I regard it as one of the most effective classroom techniques yet devised in the whole area of education for better emotional and personal-social adjustment, an area sadly neglected in much of our educational system," Dr. Hruza concludes.


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