

REPORT ON COOPERATIVE EDUCATION—Ralph W. Tyler and Annice L. Mills—*Edison Foundation*, 32 p., illus., paper, single copies free upon request direct to publisher, 8 W. 40th St., New York 18, N. Y. Summary of the two-year national Study of Cooperative Education.

REPORT ON THE NATIONAL DEFENSE EDUCATION ACT: Fiscal Year Ending June 30, 1960—*Off. of Educ. (GPO)*, 93 p., paper, 55¢. Summary of program administered by the Federal Government, including student loans, fellowships, and financial assistance for strengthening science.

RESEARCH ON THE ACADEMICALLY TALENTED STUDENT—Kenneth E. Anderson, Ed.—*NEA*, 92 p., paper, \$1. Brings together information on past studies dealing with the academically gifted student and discusses research needs.

SANDPIPERS—Edith Thacher Hurd—*Crowell*, 35 p., illus. by Lucienne Bloch, \$2.35. Appealing life-cycle story for the youngest readers.

SCIENTIFIC RESOURCES IN THE WASHINGTON D. C. AREA: 1961-1962 Directory—Gordon Kennedy, Jr., Ed.—*Metropolitan Washington Science Bureau*, 62 p., paper, \$2. First complete guide to the area's scientific organizations, documentation centers, research and development facilities, both private and government.

A SELF-CONSISTENT FIELD THEORY OF QUANTUM ELECTRODYNAMICS—Mendel Sachs and Solomon L. Schwebel—*Lockheed (OTS)*, 51 p., paper, \$1.50. Theory rejects photon as an elementary particle, replacing it by a state of the particle-antiparticle pair.

SENSORY COMMUNICATION: Contributions to the Symposium on Principles of Sensory Communication, 1959, M.I.T.—Walter A. Rosenblith, Ed.—*Wiley*, 844 p., illus., \$16. Presents experimental results and theoretical considerations from a variety of disciplines.

SOVIET POLICY TOWARDS INTERNATIONAL CONTROL OF ATOMIC ENERGY—Joseph L. Noguee—*University of Notre Dame Press*, 306 p., \$6.50. Presents fully documented account of Soviet Union's atomic energy policy as reflected in the negotiations, 1945-1960, and discusses the apparent objectives of Soviet negotiating tactics.

SPACE TRAVEL GUIDEBOOK: An Intimate Glimpse into Man's Conquest of Flight—Robley D. Stevens—*Wilde*, 148 p., illus., \$4.50. For the general reader.

TRIG, LOG, ANTILOG AND LOG OF TRIG FUNCTIONS SIX PLACE TABLES—C. Attwood—*Ottensheimer Publishers*, 192 p., indexed, \$1. Vest-pocket guide to six-figure trigonometrical, logarithmic, antilogarithmic and logarithmic trigonometrical tables and formulas.

THE TRUE BOOK OF HORSES—Elsa Posell—*Childrens Press*, 48 p., illus. by Betsy Warren, \$2. Informative book for the very young reader.

VOLUNTARY HEALTH AND WELFARE AGENCIES IN THE UNITED STATES: An Exploratory Study by an Ad Hoc Citizens Committee—Robert H. Hamlin, Dir.—*Schoolmasters' Press*, 88 p., paper, \$1. Findings and recommendations of study supported by the Rockefeller Foundation.

WEED CONTROL: As a Science—Glenn C. Klingman with Lyman J. Noordhoff—*Wiley*, 421 p., illus., \$8.50. Up-to-date textbook, written in readable form, presents a thorough review of the chemistry of various herbicides, their physiological effects, and applied phases of weed control.

WHO'S WHO OF AMERICAN WOMEN: A Biographical Dictionary of Notable Living American Women, Vol. II—*Marquis*, 2nd ed., 1,114 p., \$25. Some 20,000 condensed biographical sketches of American "women outstanding as women": educators, civic workers, club women, as well as professional women, artists and authors.

• Science News Letter, 80:124 August 19, 1961

GENERAL SCIENCE

News From Science Clubs

► A STEADY FLOW of reports on interesting, worthwhile club projects is being received by Science Clubs of America. SCA's headquarters office at 1719 N Street, N.W., Washington 6, D. C., welcomes news of what YOUR club is doing.

THE SHELTON, IOWA, Community High School Science Club tried a successful "first" this year by sponsoring an Open House for public inspection of the school's science departments. Visitors totaled 300.

THE MIDLAND, LA., High School Science Club conducted a school-wide campaign to determine each student's blood type and record the data gathered.

THE BIOLOGY Science Club of Holy Family High School, Birmingham, Ala., took a trip to the Tuskegee Institute, Tuskegee, Ala. They visited the George Washington Carver Museum, the laboratories in the Carver Foundation building and the Institute's general science building.

SCIENCE EXHIBITS have been placed on display at the public library and at P.T.A. meetings by members of the Disque Junior High School Science Club in Gadsden, Ala.

A PROGRAM to promote college preparatory studies at Creswell, Ore., High School was undertaken by that school's Science Club.

IN FULTON, MISS., members of the

Fulton Junior High School Science Club have been compiling various collections for the school museum.

"SCIERAMA," a science exposition, is cited as one of the well-received activities of the Crusader Science Club at Central Catholic High School, Canton, Ohio.

THE MOTTO of the Coronado Junior High School Science Club in Plainview, Texas, is "Inquiring Minds Conquer the Future."

THE BIOLOGY CLUB at San Fernando, Calif., High School labeled the trees and shrubs on the school campus.

A MAJORITY of the 62-member Beverly Hills, Calif., High School Medical Club expect to study medicine at college. Practicing physicians in the Beverly Hills area frequently meet with the group and serve as guest speakers. Films on surgical procedures are another popular meeting feature.

SCIENCE TEACHERS, youth leaders and others interested in starting and sponsoring clubs can get complete details from Science Clubs of America, 1719 N Street, N.W., Washington 6, D. C.

There is no charge for these materials, or for affiliating a club with SCA.

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Questions

CHEMISTRY—At what temperature does the new tantalum carbide filament burn? p. 115.

MEDICINE—How many percent of all deaths in 1959 were caused by diseases of the heart and circulatory system? p. 116.

PUBLIC HEALTH—What is the "cure" for ear-ache from chewing gum with only one side of the mouth? p. 117.

Photographs: Cover, Canadian National Railways; p. 115, Hooker Chemical Corporation; p. 117, F. C. Livingstone; p. 118, U. S. Forest Service; p. 119, United Technology Corporation; p. 128, Goode Products Co.

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