

# Books of the Week

For the editorial information of our readers, books received for review 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.

**THE ARCHAEOLOGY OF ANCIENT CHINA**—Kwang-chih Chang—Yale Univ. Press, 346 p., illus., maps, \$7.50. Anthropologist's scholarly reconstruction of the cultural growth of early China and surrounding regions, from earliest times.

**THE ATOMIC ENERGY DESKBOOK**—John F. Hogerton with others, foreword by Glenn T. Seaborg—Reinhold, 673 p., illus., \$11. A combination dictionary-encyclopedia of atomic energy principles and applications, more than 1,000 entries range from brief definitions to full length articles, oriented toward subjects of industrial importance.

**BIOCHEMISTRY: An Introduction**—P. H. Jellinek—Holt, 308 p., illus., \$6. Elementary textbook, understandable to students with only limited background in organic chemistry and biology.

**C. P. SNOW: The Politics of Conscience**—Fredrick R. Karl, preface by Harry T. Moore—Southern Ill. Univ. Press, 162 p., \$4.50. A critical evaluation of C. P. Snow's novels.

**THE CALCULUS: A Genetic Approach**—Otto Toeplitz, transl. from German by Louise Lange—Univ. of Chicago Press, 192 p., diagrams, paper, \$1.95. Presents the study of infinitesimal calculus by going back to the origins of concepts.

**CELL GROWTH AND CELL DIVISION: Symposia of the International Society for Cell Biology, Vol. 2**—R. J. C. Harris, Ed.—Academic Press, 341 p., illus., \$13. Report of symposium covering both the biochemical and cytological aspects of cell growth and division in bacterial, plant and animal systems.

**GOLD CATHODE DISCHARGE TUBES**—J. R. Acton and J. D. Swift—Academic Press, 351 p., \$12. Treats the theory of fundamental processes of electrical discharges in gases and deals with the practice and design of actual tubes.

**EDUCATIONAL PSYCHOLOGY IN THE U.S.S.R.**—D. N. Bogoiavlenski and others, transl. by Joan Simon, introd. by Brian and Joan Simon, Eds.—Stanford Univ. Press, 283 p., \$6.75. Provides survey of recent Soviet work on the psychology of human learning.

**EUCLID AND GEOMETRY**—Estelle A. DeLacy—Watts, F., 120 p., \$2.95. Juvenile biography, stressing scientific contribution.

**THE EVOLUTION OF THE HUMAN BRAIN**—Gerhardt von Bonin—Univ. of Chicago Press, 92 p., illus., \$5. Neuroanatomist's critical investigation of theories concerning the brain of early man, discussing the fossil forms, the endocasts and the structure and function of the cortex.

**THE FIRST BOOK OF BOLIVIA**—William E. Carter—Watts, F., 82 p., photographs, \$2.50. Introduces young people to the land and its customs.

**HAM ANTENNA CONSTRUCTION PROJECTS**—J. A. Stanley—Sams, 160 p., illus., paper, \$2.95.

Handbook of construction methods, transmission line feeders, antenna tuners and tuning techniques.

**HANDBOOK OF HAM RADIO CIRCUITS**—David E. Hicks—Sams, 128 p., illus., paper, \$2.95. Discusses the design and operation of some of the most popular amateur equipment in use.

**THE HIGHWAY AND THE CITY**—Lewis Mumford—Harcourt, 246 p., paper, \$1.65. Critical essays on architecture and some of the problems of contemporary great cities.

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## Science Fair Awards

(Continued from p. 331)

Brookings H. S., Brookings, S. Dak.; Jon Lindstrom, 17, Rock Island Sr. H. S., Rock Island, Ill.; Lucy Lynch, 17, McLean H. S., McLean, Va.; Alice Martin, 16, Lourdes Academy, Cleveland, Ohio; Joe Maskasky, 17, DuVal Sr. H. S., Lanham, Md.; Malcolm May Jr., 18, Greenwood H. S., Greenwood, Miss.; Vivian McDonald, 15, Xavier University Preparatory School, New Orleans, La.; Cinda McKeeth, 17, Caldwell H. S., Caldwell, Idaho; Paul Minter, 18, Manzano H. S., Albuquerque, N. Mex.; Gilberto Molerico, 18, Catholic Academy, San Juan, Puerto Rico; James Moore, 17, Leon H. S., Tallahassee, Fla.; Eileen O'Brien, 16, New Dorp H. S., New York, N. Y.; Jose Olivarez, 18, Mission H. S., Mission, Texas; Walter Paluchowski, 18, Coughlin H. S., Wilkes-Barre, Pa.; David Pariser, 16, Norfolk Academy, Norfolk, Va.; Walter Peidl, 16, Southington H. S., Southington, Conn.; Donald Peterson, 16, Oak Ridge H. S., Oak Ridge, Tenn.; Roger Pommerenke, 17, Great Bend H. S., Great Bend, Kans.; Leslie Poppe, 16, Pocatello H. S., Pocatello, Idaho; Alice Reichardt, 15, Oliver P. Morton H. S., Hammond, Ind.; Doris Reitinger, 17, Cheltenham H. S., Wyncote, Pa.; Roger Rensvold, 17, Duncan H. S., Duncan, Okla.; Terry Richardson, 16, The Porter Academy, Charleston, S. C.; Arthur Riegert, 17, J. K. Mullen H. S., Fort Logan, Colo.; Roger Roth, 17, Alamogordo H. S., Alamogordo, N. Mex.; Dorothy Sanders, 16, Many H. S., Many, La.; Val Schnabl, 18, Brookfield Central H. S., Brookfield, Wis.; Mary Schoettlin, 18, Reitz Me-

morial H. S., Evansville, Ind.; Patricia Schultz, 16, Faribault Sr. H. S., Faribault, Minn.; Arthur Shapiro, 17, Central H. S., Philadelphia, Pa.; Francis Smith, 17, Wakefield H. S., Wakefield, Mass.; Douglas Spence, 16, York H. S., Yorktown, Va.; Mary Strahl, 16, Clairemont H. S., San Diego, Calif.; Kennon Strauss, 16, C. E. Byrd H. S., Shreveport, La.; Eric Sundberg, 18, Watsonville H. S., Watsonville, Calif.; Gordon Telford, 18, West H. S., Waterloo, Iowa; Anne Tolar, 16, Latta H. S., Latta, S. C.; Joyce Van de Vyver, 17, Felician Academy, Detroit, Mich.; Robert Waber, 18, Otsego H. S., Otsego, Mich.; Andrea Whitaker, 17, Parkersburg H. S., Parkersburg, W. Va.; Dorothy White, 18, Anaconda Catholic Central H. S., Anaconda, Mont.; Elizabeth Winstead, 17, Terry Parker H. S., Jacksonville, Fla.; Robert Wray, 16, Fremont H. S., Oakland, Calif.; Erik Wright, 16, Lawrence H. S., Lawrence, Kans.; Randall Zisler, 16, Wakefield Sr. H. S., Arlington, Va.

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## Special Honors at Fair

(Continued from p. 327)

Medical Technology gave a First Award of a certificate and a summer job with the American Registry of Pathology at the Armed Forces Institute of Pathology in Washington, D. C., plus up to \$100 for travel expense, to James L. Ash Jr., 18, Bryan Adams H. S., Dallas, Texas, for "Effects of Cooling on Radiation Damage to Living Cells." A Second Award citation went to Nancy L. Williamson, 16, Bryan H. S., Bryan, Ohio, for "Blood Typing Serum by Hemagglutination in Seed Extracts." Also citations to Bruce C. Byrne, Hammond, Ind.; Robin DeVore, Albuquerque, N. Mex.; Renee Welling, Apopka, Fla.; and Rhea Keller, New Haven, Ind. The National Pest Control Association gave a certificate and \$100 for science materials and experimentation in biology to Benjamin F. Hatfield Jr., 17, W. F. Dykes H. S., Atlanta, Ga., for "Egg Albumen Secretion in the Hen."

The National Telemetering Conference awarded a certificate and a trip for himself and his sponsor, to exhibit at the annual conference, to Daniel R. Jacobsmeyer, 18, Hazelwood H. S., St. Louis, Mo., for "Bio-Medical Engineering." Simon M. Moltz, 18, Highlands H. S., San Antonio, Texas, "Centrifuge for Man or Mouse," was named as alternate.

The Optical Society of America presented a First Award of \$100 for materials, equipment, or books to Roger B. Rensvold, 17, Duncan H. S., Duncan, Okla., for "Laser Action in Fluid Media." The Second Award of \$75 went to Robert C. Waber, 18, Otsego H. S., Otsego, Mich., for "Design and

### The Battery That's Used in Guided Missiles Now Released as Government Surplus

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### LEARN MODERN MATH!

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