

The Dynamical Theory of Sound. Horace Lamb. Dover, New York, ed. 2, 1960. 315 pp. Illus. \$1.50.

Elements of Projective Geometry. Luigi Cremona. Translated by Charles Leudesdorf. Dover, New York, ed. 3, 1960. 322 pp. Illus. \$1.75.

Flowering Earth. Donald Culross Peattie. Viking, New York, 1961. 252 pp. Illus. \$1.45.

Nature and Man's Fate. Garret Hardin. New American Library, New York, 1961. 320 pp. Illus. \$0.75.

Optics and Optical Instruments. An introduction with special reference to practical applications. B. K. Johnson. Dover, New York, 1960. 224 pp. Illus. \$1.65.

Reflections on the Motive Power of Fire, Sadi Carnot. And Other Papers on the Second Law of Thermodynamics, E. Clapeyron and R. Clausius. E. Mendoza, Ed. Dover, New York, 1960. 174 pp. Illus. \$1.50. "Mémorial on the Motive Power of Heat" by Clapeyron was translated for this edition; "On the Motive Power of Heat . . ." by R. Clausius, translated by W. F. Magie, was originally published in *The Second Law of Thermodynamics* (Harper, New York, 1899).

Science and Common Sense. James B. Conant. Yale Univ. Press, New Haven, Conn., 1961. 356 pp. \$1.45.

The Story of Alchemy and Early Chemistry. John Maxson Stillman. Dover, New York, 1960. 579 pp. \$2.45.

Ternary Systems. Introduction to the theory of three component systems. G. Masing. Translated by B. A. Rogers. Dover, New York, 1960. 173 pp. Illus. \$1.45.

The Theory of Equations. With an introduction to the theory of binary algebraic forms. vols. 1 and 2. William Snow Burnside and Arthur William Panton (vol. 2 edited by M. W. J. Fry). Dover, New York, 1960. 294 pp.; 328 pp. Illus. \$1.85 each.

Theory of Maxima and Minima. Harris Hancock. Dover, New York, 207 pp. Illus. \$1.50.

Toward Modern Science. vol. 1, *Studies in Ancient and Medieval Science*, 284 pp.; vol. 2, *Studies in Renaissance Science*, 222 pp. Robert M. Palter, Ed. Noonday Press (Farrar, Straus and Cudahay), New York, 1961. Illus. Paper, \$1.95 each.

A Treatise on the Calculus of Finite Differences. George Boole. J. F. Moulton, Ed. Dover, New York, ed. 2, 1960. 348 pp. \$1.85.

A Treatise on the Differential Geometry of Curves and Surfaces. Luther Pfahler Eisenhart. Dover, New York, 1960. 488 pp. Illus. \$2.75.

Turning Points in Physics. A series of lectures that were given at Oxford University during Trinity term, 1958. R. J. Blin-Stoyle *et al.* Harper, New York, 1961. 192 pp. \$1.45.

Voices of the Industrial Revolution. Selected readings from the liberal economists and their critics. John Bowditch and Clement Ramsland, Ed. Univ. of Michigan Press, Ann Arbor, 1961. 207 pp. \$1.65.

Weight-Strength Analysis of Aircraft Structures. F. R. Shanley. Dover, New York, ed. 2, 1960. 417 pp. Illus. \$2.45.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed not to Science, but to the publisher or agency sponsoring the publication.)

Geophysics Research Papers. No. 69, "Line widths of pressure broadened spectral lines," C. J. Tsao and B. Curnutte, 94 pp. **Guenter Loeser Memorial Lectures:** 1956, "Phenomenological considerations of the interruption theory of line broadening," Robert G. Breene, Jr., 12 pp.; 1957, "Progress and prospects of radar meteorology," David Atlas, 33 pp.; 1959, "The detection of nuclear explosions by seismic means," Norman A. Haskell, 24 pp. Geophysics Research Directorate, Air Force Cambridge Research Laboratories, Bedford, Mass.

Glossary of Terms Frequently Used in Acoustics. Compiled by Horace M. Trent and Betty Anderson. American Inst. of Physics, New York, 1961. 44 pp. Prepared for use at a seminar for science writers held in San Francisco. The glossary is based on the American Standards publication *Acoustical Terminology*.

Instituto Geológico. Memorias y Comunicaciones, vol. 17, "Les Faunes des mollusques continentaux reparties dans le sud-est de l'Espagne entre le Miocene Supérieur et le Quaternaire." Paul Jodot. Consejo Superior de Investigaciones Científicas, Barcelona, Spain, 1958. 143 pp. Plates.

Instituto de Micologia. Publicação No. 56, "Monografia dos fungos Micropeltaceae." A. Chaves Batista. University of Recife, Recife, Brazil, 1959. 519 pp.

The Periodical Literature of Physics. A handbook for graduate students. American Inst. of Physics, New York, 1961. 15 pp. Prepared to assist students in finding the material they need, particularly in research journals.

The Provision of Animals for Cancer Research. Laboratory Animals Centre, Carshalton, Surrey, England, 1960. 116 pp. 12s. 6d. Fourteen papers read at the 1960 symposium.

Radio and Television. A selected bibliography. Patricia Beall Hamill. U.S. Office of Education, Washington, D.C., 1960 (order from Supt. of Documents, GPO, Washington 25). 46 pp. \$0.25. A revision of the Office of Education's *Radio and Television Bibliography*.

The Radiochemistry of Beryllium. Publ. 3013. A. W. Fairhall. National Acad. of Sciences-National Research Council, Washington, D.C., 1960 (order from Office of Technical Services, Department of Commerce, Washington 25, D.C.). 58 pp. \$0.75.

Recent Land and Ground-Water Development in Utah under the Desert Land Act. An economic appraisal. Bulletin 418. Clyde E. Stewart. Utah State Univ., Logan, 1960. 36 pp.

Report of the Institute of Industrial Science. vol. 8, No. 6, "Experimental studies on color aerial photographs in Japan," 34 pp.; vol. 10, No. 1, "On the study and application of infrared aerial photography," 19 pp. Takakazu Maruyasu and Motomitsu Nishio. Univ. of Tokyo, Tokyo, Japan, 1960.

Report on Scientific Research in Indonesia. Bulletin 2. Richard J. Russell.

Council for Sciences of Indonesia, Djakarta, 1960. 74 pp. The results of a survey conducted between October 1959 and January 1960 to obtain suggestions for developing the council's program.

The Science Doctorates of 1958 and 1959. Their numbers, characteristics, and employment. Prepared by the National Academy of Sciences-National Research Council. National Science Foundation, Washington 25, 1960 (order from Supt. of Documents, GPO, Washington 25). 28 pp. \$0.25. In 1959, 5300 science doctorates were awarded: chemistry, 1062; psychology, 811; engineering, 705; physics, 522; and mathematics, 301. The average age of the new doctorate holder was 31½ years.

Strontium 90 in Human Diet in the United Kingdom, 1959. Report No. 3. Radiobiological Laboratory, Agricultural Research Council. Her Majesty's Stationery Office, London, 1960 (order from British Information Services, New York 20). 68 pp. \$0.70. The report concludes that "There is . . . considerable evidence that strontium 90, which has hitherto been released into the atmosphere, has already exerted its major effect; decreasing levels in human diet may therefore be expected in the future."

Survey on the Main Trends of Inquiry in the Field of the Natural Sciences, the Dissemination of Scientific Knowledge and the Application of Such Knowledge for Peaceful Ends. Pierre Auger. United Nations Economic and Social Council, Paris, 1960. 445 pp. Mimeographed.

Teaching by Television. A report. Fund for the Advancement of Education. Ford Foundation, New York, ed. 2, 1961. 87 pp.

Texas Archeological Society. Bulletin, vol. 29, 1958, pt. 1, "A review of Texas archeology." Edward B. Jelks, E. Mott Davis, and Henry F. Sturgis, Eds. The Society, Witte Memorial Museum, San Antonio 9, 1960. 254 pp. \$5.

Transactions of the San Diego Society of Natural History, vol. 12. No. 26, pp. 421-440, "Inherent and applied camouflage in the subfamily Gemenetrinae (Lepidoptera), including three new life history studies," John Adams Comstock. No. 27, pp. 441-448, "Differentiation of the southwestern tortoises (genus *Gopherus*), with notes on their habits," Chapman Grant. San Diego Society of Natural History, San Diego, Calif., 1960.

Trends in Juvenile Delinquency. Public Health Paper No. 5. T. C. N. Gibbens. World Health Organization, Geneva, Switzerland, 1961. 56 pp. \$0.60.

University of California Publications. Botany, vol. 32, No. 4, pp. 235-314, "The genus *Hesperolinon* (Linaceae)," Helen K. Sharsmith, \$1.50, 1961. Entomology, vol. 17, No. 2, pp. 157-284, "A revision of the mites of the family Spinturnicidae (Acarina)," Albert Rudnick, \$2.50, 1960. Univ. of California Press, Berkeley.

Zur Toxikologie der Insektizide. pt. 2, *Toxaphen-Gruppe.* W. Gruch and P. Steiner. Biologische Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, 1960. 64 pp. DM. 11.30. vol. 102 of *Mitteilungen aus der Biologischen Bundesanstalt.*