

and references on microbial carotenes, and the third includes data and references on the composition of the mycobacteria. The indexes are arranged according to substance name (this one is called the subject index), empirical formula, and the organism involved.

This book obviously represents a great deal of literature searching and compilatory work. Although many organizations dealing with this area have prepared such compilations, it is helpful to have a volume available to organizations which have neither the time nor the facilities to prepare one.

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New Books

Biological and Medical Sciences

Atlas of Avian Hematology. Alfred M. Lucas and Casimir Jamroz. Superintendent of Documents, GPO, Washington, D.C., 1961. 277 pp. Illus. \$4.

Biological Structure and Function. vol. 1. T. W. Goodwin and O. Lindberg, Eds. Academic Press, New York, 1961. 375 pp. Illus. \$10.50. Proceedings of a symposium sponsored by the IUBS and the IUB.

British Flies. vol. 6, *Empididae*; pt. 2, *Hybotinae and Empidinae* (part). J. E. Collin. Cambridge Univ. Press, New York, 1961. pp. 223-551. Paper, \$6.

Comparative Plant Anatomy. A guide to taxonomic and evolutionary application of anatomical data in angiosperms. Sherwin Carlquist. Holt, Rinehart, and Winston, New York, 1961. 155 pp. Illus. \$5.

General Biology. Earl L. Core, Perry D. Strausbaugh, and Bernal R. Weimer. Wiley, New York, ed. 4, 1961. 564 pp. Illus. \$7.95.

Genes, Enzymes, and Inherited Diseases. H. Eldon Sutton. Holt, Rinehart, and Winston, New York, 1961. 128 pp. Illus. \$3.50.

The Giant African Snail. A problem in economic malacology. Albert R. Mead. Univ. of Chicago Press, Chicago, Ill., 1961. 274 pp. Illus. \$7.50.

Human Genetics. Principles and methods. Ching Chun Li. McGraw-Hill, New York, 1961. 227 pp. Illus. \$8.50.

An Introduction to Biochemistry. E. O'F. Walsh. Macmillan, New York, 1961. 462 pp. Illus. \$7.50.

Introduction to Protozoology. Reginald D. Manwell. St. Martin's Press, New York, 1961. 654 pp. Illus. \$12.

The Machinery of the Body. Anton J. Carlson, Victor Johnson, and H. Mead Cavert. Univ. of Chicago Press, ed. 5, 1961. 771 pp. Illus. \$6.50.

Metabolic Pathways. vol. 2. David M. Greenberg, Ed. Academic Press, New York, 1961. 827 pp. Illus. \$24.

Metabolic Pathways in Microorganisms. Vernon H. Cheldelin. Wiley, New York, 1961. 100 pp. Illus.

Methods of Tissue Culture. Raymond C. Parker. Harper, New York, ed. 3., 1961. 373 pp. \$12.

Phosphorus and Its Compounds. vol. 2, *Technology, Biological Functions, and Applications.* John R. Van Wazer, Ed. Interscience, New York, 1961. 2062 pp. Illus. \$35.

Plant Hunters in the Andes. T. Harper Goodspeed. Univ. of California Press, Berkeley, 1961. 378 pp. \$7.50.

Progress in Medicinal Chemistry. vol. 1. G. P. Ellis and G. B. West. Butterworths, Washington, D.C., 1961. 271 pp. Illus. \$11.25.

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Report of the Commission on Enzymes of the International Union of Biochemistry, 1961. Pergamon, New York, 1961. 159 pp. \$7.50.

Rogers' Inorganic Pharmaceutical Chemistry. Taito O. Soine and Charles O. Wilson. Lea and Febiger, Philadelphia, Pa., 1961. 704 pp. \$10.

Sexuality and the Genetics of Bacteria. François Jacob and Elie L. Wollman. Academic Press, New York, 1961. 389 pp. Illus. \$10.

Some Recent Developments in the Chemistry of Phosphate Esters of Biological Interest. H. Gobind Khorana. Wiley, New York, 1961. 150 pp. Illus. \$5.25.

Spores. vol. 2. H. Orin Halvorson, Ed. Burgess, Minneapolis, Minn., 1961. 305 pp. Illus. \$5.

Supersensitivity Following Lesions of the Nervous System. An aspect of the relativity of nervous integration. George W. Stavraky and Wilder Penfield. Univ. of Toronto Press, Toronto, Ont., Canada, 1961. 220 pp. Illus. \$10.

Economics and the Social Sciences

Contemporary Psychotherapies. Morris I. Stein, Ed. Free Press, Glencoe, Ill., 1961. 396 pp. \$7.50.

Human Behavior. Claire Russell and W. M. S. Russell. Little, Brown, Boston, Mass., 1961. 541 pp. Illus.

La Victoria. An early site on the Pacific Coast of Guatemala. *Papers of the Peabody Museum of Archaeology and Ethnology*, vol. 53. Michael D. Coe, *Peabody Museum*, Harvard Univ., Cambridge, Mass., 1961. 177 pp. Plates.

Legal and Criminal Psychology. Hans Toch, Ed. Holt, Rinehart, New York, 1961. 444 pp. \$6.

Proceedings of the Second International Conference on Operational Research. J. Banbury and J. Maitland, Eds. Wiley, New York, 1961. 827 pp. Illus. \$15. Conference organized by the International Federation of Operational Research Societies and held 5-9 September 1960.

The Psychology of Aggression. Arnold H. Buss. Wiley, New York, 1961. 317 pp. Illus. \$7.95.

Salinity Problems in the Arid Zones. Proceedings of the Teheran Symposium. UNESCO, Paris, 1961. 395 pp. Illus. \$10.50. Papers from the 1958 conference.

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Directory, American Council of Independent Laboratories. The Council, Washington 14, D.C., ed. 8, 1961. 125 pp. Illus.

The Nature of Genius. Andrew Gemant. Thomas, Springfield, Ill., 1961. 216 pp. \$6.50.

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The 2nd Scientific American Book of Mathematical Puzzles and Diversions. Martin Gardner. Simon and Schuster, New York, 1961. 253 pp. Illus. \$3.95.

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Advances in the Chemistry of the Coordination Compounds. Proceedings of the Sixth International Conference on Coordination Chemistry, 27 August to 1 September 1961. Stanley Kirschner, Ed. Macmillan, New York, 1961. 694 pp. Illus. \$15.

Advances in Space Science and Technology. vol. 3. Frederick I. Ordway, III, Ed. Academic Press, New York, 1961. 495 pp. Illus. \$14.

Aerospace Telemetry. Harry L. Stiltz, Ed. Prentice-Hall, Englewood Cliffs, N.J., 1961. 518 pp. Illus. Trade ed., \$15; text ed., \$11.25.

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Argon, Helium and the Rare Gases. vol. 1, *History, Occurrence, and Properties.* The elements of the helium group. Gerhard A. Cook, Ed. Interscience, New York, 1961. 449 pp. Illus. \$17.50.

An Atlas of the Moon's Far Side. The Lunik III reconnaissance. U.S.S.R. Academy of Sciences. N. P. Barabashov, A. A. Mikhailov, and Yu. N. Lipsky, Eds. Translated from the Russian by Richard B. Rodman. Interscience, New York; Sky Publishing Corp., Cambridge, Mass., 1961. 154 pp. Illus. + plates. \$7.

A Book of Curves. E. H. Lockwood. Cambridge Univ. Press, London, 1961. 210 pp. Illus. \$4.95.

Carbon-14 Compounds. John R. Catch. Butterworths, Washington, D.C., 1961. 135 pp. Illus. \$5.50.

Chemical Processing of Reactor Fuels. John F. Flagg, Ed. Academic Press, New York, 1961. 541 pp. Illus. \$17.50.

Electronic Amplifier Circuits. Theory and design. Joseph Mayo Pettit and Malcolm Myers McWhorter. McGraw-Hill, New York, 1961. 338 pp. Illus. \$9.75.