

*Directory of the American Council of Independent Laboratories, Inc.* 8th ed. American Council of Independent Laboratories, 4302 East-West Highway Washington 14, D. C., 1961. xi + 114 pp. 17 × 25.5 cm. Paperbound.

The eighth edition (1961) of the ACIL Directory is available, without charge, to industrial and government executives from the above address. Specific services of the member laboratories are indicated.

*Experimental Pharmacognosy.* 3rd ed. By VARRO E. TYLER, JR., and ARTHUR E. SCHWARTING. Burgess Publishing Co., 426 South Sixth St., Minneapolis 15, Minn., 1962. v + 104 pp. 21 × 27.5 cm. Paperbound.

Major changes in the 3rd edition of this laboratory teaching guide are included in the section on biochemical processes and are demonstrated in exercises relating to biosyntheses of clavine alkaloids, tetracycline antibiotics, and a heteroglycoside.

*A new Dictionary of Chemistry.* 3rd ed. Edited by L. MACKENZIE MIALL. Interscience Division, John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. vii + 593 pp. 15.5 × 23 cm. Price \$13.75

A useful source of limited information, judiciously selected in many fields of chemistry and related sciences. Concise references to important contributors to the sciences, historically and recent, are helpful and interesting.

*Choix de Techniques de Biochimie Clinique.* By GUY DEVAUX. Gauthier-Villars & Cie., 55, Quai des Grands-Augustins, Paris, France, 1961. 220 pp. 21 × 27 cm. Price 30 NF.

Selected procedures in clinical biochemistry are described (in French). The text is divided into "explorations" of hydro-mineral, glucidic, lipidic, and protidic metabolisms, biocatalysis, and functional reactions of the organs and fluids. A chart for the determination of Ambard's constant is appended.

*Biochemical Mechanisms.* By LLOYD L. INGRAHAM. John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. x + 108 pp. 15 × 23 cm. Price \$5.75.

General mechanistic principles of chemistry that are of value in considerations of biochemistry are covered in Part I. Specific biochemical mechanisms in Part II are concerned with solution chemistry, model systems, and comparison of enzymic reaction with model reactions.

*The Mechanism of Action of Water-Soluble Vitamins.* Edited by A. V. S. DE REUCK and MAEVE O'CONNOR. Little, Brown and Co., 34 Beacon St., Boston 6, Mass., 1962. viii + 120 pp. 12.5 × 18.5 cm. Price \$2.50.

A compilation of five papers and discussions of a Ciba Foundation study group held April 1962.

*Volkstümliche Namen der Arzneimittel, Drogen Heilkräuter und Chemikalien.* 15th ed. Edited by JOHANNES ARENDS. Springer-Verlag, Berlin Wilmersdorf, Dept. VI, Heidelberger Platz 3, West Berlin, Germany, 1962. vi + 418 pp. 12.5 × 18.5 cm. Price DM 18.60.

A dictionary of common German names for plant drugs, medicinal compounds and dosage forms, and chemicals. The usual entry gives the equivalent Latin name.

*Problems in Communication.* Edited by CHARLES WATKINS and BENJAMIN PASAMANICK. The American Psychiatric Association, 1700 Eighteen St., N.W. Washington 9, D. C., 1961. 131 pp. 15 × 23 cm. Paperbound. Price \$2.

A compilation of papers and discussions at the Regional Research Conference held January 1960 at New Orleans. Subjects covered are: Signals, signs, and symbols; mythological behavior; Is it true? Or is it so?; Psychomotility; Psychophysiological reactions of "normals" and patients; The first-year medical student: problems in the development of perceptiveness and self-awareness.

*Organophosphorus Poisons.* By D. F. HEATH. Pergamon Press Ltd., Headington Hill Hall, Oxford, England, 1961. vii + 403 pp. 15 × 23 cm. Price \$12.50.

Intended for use mainly as a reference source for researchers, this book covers the fundamental aspects of the chemistry, biochemistry, and pharmacology of organophosphorus compounds which are anticholinesterases or are metabolized *in vivo* to anticholinesterases. An appendix discusses the theory of reaction rates in solution. Chemical and common names are tabulated and a good general index is appended.

*Year Book of Drug Therapy.* 1961-1962 Series. Edited by HARRY BECKMAN. Year Book Medical Publishers, Inc., 200 East Illinois St., Chicago 11, Ill., 1962. 659 pp. 13 × 19.5 cm. Price \$8.50.

Excellent reviews of published medical reports for the year ending September 1961 are given in the author's style. Dr. Beckman's own critical evaluation of the year's new drugs (blue pages) is interesting. Author and subject indexes are appended.

*Punch-Card Methods in Research and Documentation.* By MARTIN SCHEELE. Interscience Publishers, Inc. 250 Fifth Ave., New York 1, N. Y., 1961. xiv + 274 pp. 16 × 23 cm. Price \$9.50.

This book, an English translation of a German text, covers terminology, technology, and methodology. It includes general rules and gives examples. Special emphasis is given to biology throughout the text. This is the second volume in a series on Library Science and Documentation. The first volume was "Tools for Machine Literature Searching."