

of topics are dealt with, in most of the chapters the reader is guided by excellent introductions which make the material understandable even to a novice, and frequent cross-references among the chapters help to relate the topics. This feature and a detailed subject index, together with extensive literature citations, will enable the reader to quickly find information on subjects of interest to him. Furthermore, observations and results from many foreign-language papers are included. Readers will be especially grateful that the editors have kept overlap among the chapters at a minimum.

Insect development has frequently been neglected or covered only marginally in developmental biology textbooks. It is to be hoped that these two volumes will come to the attention of the authors of future textbooks.

GEROLD SCHUBIGER

*Department of Zoology,
University of Washington, Seattle*

Books Received

Acridines. R. M. Acheson. Interscience (Wiley), New York, ed. 2, 1973. xiv, 878 pp., illus. \$75. Chemistry of Heterocyclic Compounds.

Advances in Aerosol Physics. No. 3. V. A. Fedoseev, Ed. Translated from the Russian edition (1970). Israel Program for Scientific Translations, Jerusalem, and Halsted (Wiley), New York, 1973. viii, 172 pp., illus. \$15.

Advances in Antimicrobial and Antineoplastic Chemotherapy. Proceedings of a congress, Prague, Aug. 1971. Miroslav Hejzlar, Miroslav Semonsky, and Stanislav Masák, Eds. University Park Press, Baltimore, 1972. Two vols. Vol. 1/1, Antimicrobial Chemotherapy 1. xviii pp. + pp. 1-678, illus. \$24.50. Vol. 1/2, Antimicrobial Chemotherapy 2. xviii pp. + pp. 679-1454, illus. \$24.50. Vol. 2, Antineoplastic chemotherapy and Radioprotectives. xx, 868 pp., illus. \$29.50.

Advances in Biophysics. Vol. 3. Masao Kotani and Haruhiko Noda, Eds. University of Tokyo Press, Tokyo, and University Park Press, Baltimore, 1972. xii, 280 pp., illus. \$14.50.

Advances in Neurology. Vol. 2, Treatment of Parkinsonism. The Role of Dopa Decarboxylase Inhibitors. Melvin D. Yahr, Ed. Raven, New York, 1973. xiv, 304 pp., illus. \$15.95.

Agonist and Antagonist Actions of Narcotic Analgesic Drugs. Proceedings of a meeting, Aberdeen, Scotland, July 1971. H. W. Kosterlitz, H. O. J. Collier, and J. E. Villarreal, Eds. University Park Press, Baltimore, 1973. x, 290 pp., illus. \$19.50.

Alcohol and Health. Report from the Secretary of Health, Education, and Welfare. Scribner, New York, 1973. xxvi, 374 pp., illus. Paper, \$3.95.

Analytical Chemistry of Neptunium. V.

A. Mikhailov. Translated from the Russian edition (Moscow, 1971) by R. Konidor. Israel Program for Scientific Translations, Jerusalem, and Halsted (Wiley), New York, 1973. viii, 236 pp., illus. \$24. Analytical Chemistry of the Elements.

Biosynthesis and Its Control in Plants. Proceedings of a symposium, Canterbury and Sittingbourne, England, Mar. 1972. B. V. Milborrow, Ed. Academic Press, New York, 1973. xvi, 364 pp., illus. \$22. Annual Proceedings of the Phytochemical Society, No. 9.

The Botany and Chemistry of Hallucinogens. Richard Evans Schultes and Albert Hofmann, Thomas, Springfield, Ill., 1973. xxiv, 268 pp., illus. \$14.75. American Lecture Series, No. 843.

Cryoelectronics. W. P. Jolly. Halsted (Wiley), New York, 1973. viii, 88 pp., illus. \$7.95.

Developmental Systems. Insects. Vol. 2. S. J. Counce and C. H. Waddington, Eds. Academic Press, New York, 1973. xiv, 616 pp., illus. \$27.50.

Developments in Inorganic Nitrogen Chemistry. Vol. 2. Charles B. Colburn, Ed. Elsevier, New York, 1973. x, 228 pp., illus. \$35.

Diabetes Explained. Arnold Bloom. University Park Press, Baltimore, 1973. viii, 152 pp., illus. \$6.95.

Diagnostic et Diagnostic Différentiel en Cytologie et en Histologie Normales. Aide-Mémoire de la Microscopie Photonique et Electronique. Otto Bucher. Masson, Paris, and Huber, Berne, Switzerland, 1973. x, 468 pp., illus. 110 F.

The Encyclopedia of Sexual Behavior. Albert Ellis and Albert Abarbanel, Eds. Aronson, New York, ed. 2, 1973. 1072 pp. \$25

ESP and Hypnosis. Susy Smith. Macmillan, New York, 1973. viii, 254 pp. \$5.95.

Great Pyramid Designs. UFO's and Planet Earth. Kenneth Lloyd Larson. Published by the author, 415½ South Coronado St., Los Angeles, 1973. viii, 196 pp., illus. \$5.

Histamine and Antihistamines. Vol. 1. Z. M. Bacq and six others, Pergamon, New York, 1973. viii, 188 pp., illus. \$12.75. International Encyclopedia of Pharmacology and Therapeutics, section 74.

The Horse Flies of Europe. Diptera, Tabanidae. Milan Chvála, Leif Lyneborg, and Josef Moucha. Entomological Society, Copenhagen, 1972 (U.S. distributor, Entomological Reprint Specialists, Los Angeles). 500 pp. + plates. \$23.50.

Illness, Immunity, and Social Interaction. The Dynamics of Biosocial Resonation. Gordon Ervin Moss. Wiley-Interscience, New York, 1973. xvi, 282 pp. \$14.95.

Information in Business and Administrative Systems. Ronald Stamper. Halsted (Wiley), New York, 1973. iv, 362 pp., illus. \$12.

International Review of Experimental Pathology. Vol. 12. G. W. Richter and M. A. Epstein, Eds. Academic Press, New York, 1973. xii, 346 pp., illus. \$23.50.

Introduction to Ecology. Paul A. Colinvaux. Wiley, New York, 1973. xii, 622 pp., illus. \$12.50.

Introduction to p-Adic Numbers and

Their Functions. Kurt Mahler. Cambridge University Press, New York, 1973. x, 92 pp. \$11.50. Cambridge Tracts in Mathematics, 64.

Invertebrate Immune Defense Mechanisms. Papers by Ronald T. Acton and eight others. MSS Information Corporation, New York, 1973. 204 pp., illus. \$15.

Is Acupuncture for You? J. R. Worsley. Harper and Row, New York, 1973. xiv, 82 pp., illus. Cloth, \$4.95; paper, \$1.95.

Kentucky Birds. A Finding Guide. Roger W. Barbour, Clell T. Peterson, Delbert Rust, Herbert E. Shadownen, and A. L. Whitt, Jr. University Press of Kentucky, Lexington, 1973. xxii, 306 pp., illus. \$9.75.

Laboratory Exercises in Genetics. Louis Levine and Norman M. Schwartz. Mosby, Saint Louis, ed. 2, 1973. viii, 176 pp., illus. Paper, \$4.95.

Laboratory Techniques in Biochemistry and Molecular Biology. Vol. 3. T. S. Work and E. Work, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1973. viii, 610 pp., illus. \$32.50.

The Laurel Culture in Minnesota. James B. Stoltman. Minnesota Historical Society, St. Paul, 1973. xii, 146 pp., illus. Paper, \$5.50. Minnesota Prehistoric Archaeology Series, No. 8.

The Law of Addition. An Essay on Biology. V. Egilsson. Published by the author, 74 Warwick Gardens, London, 1972. xii, 40 pp., illus. £2.

Lord Kelvin. An Account of His Scientific Life and Work. Andrew Gray. Chelsea, Bronx, N.Y., 1973. viii, 320 pp., illus. \$7.50. Reprint of the 1908 edition.

The Man Who Saw through Time. Loren Eiseley. Scribner, New York, 1973. 128 pp. Paper, \$2.45. Revision of *Francis Bacon and the Modern Dilemma* (1961).

Mathematical Methods for Chemists. R. K. Mackie, T. M. Shepherd, and C. A. Vincent. Halsted (Wiley), New York, 1973. vi, 154 pp., illus. \$8.95.

Mechanisms 1972. Proceedings of a conference, London, Sept. 1972. Institution of Mechanical Engineers, London, 1973. xviii, 158 pp., illus. £14.50.

The Mechanisms of Conditioned Behavior. A Critical Look at the Phenomena of Conditioning. Wanda Wyrwicka. Thomas, Springfield, Ill., 1972. xii, 180 pp., illus. \$11.50.

Medical Neurobiology. Neuroanatomical and Neurophysiological Principles Basic to Clinical Neuroscience. William D. Willis, Jr., and Robert G. Grossman. Mosby, Saint Louis, 1973. xiv, 458 pp., illus. \$20.

Metastable Precursor Ions. A Table for Use in Mass Spectrometry. R. Neeter and C. M. F. Kort. Elsevier, New York 1973. Unpaged. \$29.50.

Microbial Differentiation. Proceedings of a symposium, London, Apr. 1973. Published for the Society for General Microbiology by Cambridge University Press, New York, 1973. x, 450 pp., illus. \$21.

Microwave Ultrasonics in Solid State Physics. J. W. Tucker and V. W. Rapperton. North-Holland, Amsterdam, and Elsevier, New York, 1972. x, 418 pp., illus. \$45.

Mineral Resources. Kenneth Warren. Halsted (Wiley), New York, 1973. xvi, 272 pp., illus. \$9.75. Problems in Modern Geography.

Molecular Structures and Vibrations. Se-

(Continued on page 688)

BOOKS RECEIVED

(Continued from page 650)

lected Contributions to Theoretical and Experimental Studies of Polyatomic Molecules by Spectroscopic Methods and Gas Electron Diffraction. S. J. Cyvin, Ed. Elsevier, New York, 1972. 534 pp., illus. \$26.

Must the Seas Die? Colin Moorcraft. Gambit, Boston, 1972. x, 194 pp. \$6.95.

Nobel Lectures, Including Presentation Speeches and Laureates' Biographies. Physics, 1963-1970. Published for the Nobel Foundation by Elsevier, New York, 1973. xii, 352 pp., illus. \$38.40.

Organic Polymer Chemistry. An Introduction to the Organic Chemistry of Adhesives, Fibers, Paints, Plastics, and Rubbers. K. J. Saunders. Chapman and Hall, London, and Halsted (Wiley), New York, 1973. x, 474 pp., illus. \$18.

Organic Quantum Chemistry Problems. Rudolf Zahradník and Petr Čársky. Plenum, New York, 1973. x, 222 pp., illus. \$14.50.

Organic Reaction Mechanisms 1971. An Annual Survey Covering the Literature Dated December 1970 through November 1971. B. Capon and C. W. Rees, Eds. Interscience (Wiley), New York, 1973. x, 650 pp., illus. \$39.

Pade Approximants and Their Applications. Proceedings of a conference, Canterbury, England, July 1972. P. R. Graves-Morris, Ed. Academic Press, New York, 1973. x, 354 pp., illus. \$13.

Permian Brachiopods of West Texas. I. G. Arthur Cooper and Richard E. Grant.

Smithsonian Institution Press, Washington, D.C., 1972 (available from the Superintendent of Documents, Washington, D.C.). x, 232 pp., illus. Paper, \$2.25. Smithsonian Contributions to Paleobiology, No. 14.

Postgraduate Obstetric and Gynaecological Pathology. H. Fox and F. A. Langley, Eds. Pergamon, New York, 1973. xiv, 590 pp., illus. \$36.

Les Prix Nobel en 1971. Norstedt, Stockholm, 1972 (U.S. distributor, Elsevier, New York). 326 pp., illus. \$22.50.

A Programmed Introduction to Microbiology. Stewart M. Brooks. Mosby, Saint Louis, ed. 2, 1973. xii, 124 pp., illus. Spiral bound, \$5.50.

Proteins from Hydrocarbons. Proceedings of a symposium, Aix-en-Provence, France, 1972. H. Gounelle de Pontanel, Ed. Organising Committee of the symposium, Paris, 1972 (distributor, Academic Press, New York). xvi, 286 pp., illus. £5.

The Psychophysiology of Darrow. Gary R. Gullickson, Ed. Academic Press, New York, 1973. xviii, 494 pp., illus. \$9.50.

Physiology. Laboratory Manual. Byron A. Schottelius, John D. Thomas, and Dorothy D. Schottelius. Mosby, Saint Louis, ed. 3, 1973. viii, 282 pp., illus. + table. Paper, \$5.95.

Physiology, Emotion, and Psychosomatic Illness. Proceedings of a symposium, London, Apr. 1972. Associated Scientific Publishers (Elsevier, Excerpta Medica, North-Holland), New York, 1972. viii, 422 pp., illus. \$18.75. Ciba Foundation Symposium 8.

Phytochemistry. Vol. 1, The Process

and Products of Photosynthesis. Lawrence P. Miller, Ed. Van Nostrand Reinhold, New York, 1973. xiv, 410 pp., illus. \$22.50.

Practical Fluorescence. Theory, Methods, and Techniques. George G. Guilbault. Dekker, New York, 1973. xvi, 664 pp., illus. \$29.50.

Psychology and Contemporary Problems. Norman W. Heimstra and Arthur L. McDonald. Brooks/Cole (Wadsworth), Monterey, Calif., 1973. x, 396 pp., illus. Paper, \$6.50.

Readings in Ethology and Comparative Psychology. Michael W. Fox, Ed. Brooks/Cole (Wadsworth), Monterey, Calif., 1973. xii, 654 pp., illus. Paper, \$6.95. Core Books in Psychology Series.

The Restoration of the Earth. Theodore B. Taylor and Charles C. Humpstone. Harper and Row, New York, 1973. viii, 166 pp. \$7.95.

RNA Viruses: Replication and Structure. Ribosomes: Structure, Function and Biogenesis. Proceedings of a meeting, Amsterdam, Aug. 1972. H. Bloemendaal, E. M. J. Jaspars, A. van Kammen, and R. J. Planta, organizers. North-Holland, Amsterdam, and Elsevier, New York, 1973. x, 312 pp., illus. \$18.75. Federation of European Biochemical Societies Eighth Meeting, vol. 27.

Rous Sarcoma. Current Research. II. Papers by Sen-Itiro Hakomori and ten others. MSS Information Corp., New York, 1973. 174 pp., illus. \$15.

Sensory Neurophysiology. With Special Reference to the Cat. James C. Boudreau and Chiyeiko Tsuchitani. Van Nostrand Reinhold, New York, 1973. x, 470 pp., illus. \$19.95.

The Skyline of Information Processing. Proceedings of a conference, Amsterdam, Oct. 1970. H. Zemanek, Ed. North-Holland, Amsterdam, 1972. xviii, 146 pp., illus. Paper, \$7.

Sociology for the Modern Mind. Imogen Seger. Translated from the German edition (Munich, 1970) by the author. Macmillan, New York 1973. 336 pp., illus. \$7.95.

Sparse Matrices. Reginald P. Tewarson. Academic Press, New York, 1973. xvi, 160 pp., illus. \$11.95. Mathematics in Science and Engineering, vol. 99.

The Speech of Primates. Philip Lieberman. Mouton, The Hague, 1972. viii, 134 pp., illus. Paper, 20 guilders. Janua Lin-garum, Series Minor, 148.

Teaching Tropical Medicine. Vol. 3, Clinical Tropical Medicine. Proceedings of a symposium, New York, May 1972. Kevin M. Cahill, Ed. University Park Press, Baltimore, 1973. x, 142 pp. \$11.50. Reprinted from the *Bulletin of the New York Academy of Medicine*.

Telecommunication by Speech. D. L. Richards. Halsted (Wiley), New York, 1973. xxiv, 590 pp., illus. \$42.

Textbook of Physiology. Byron A. Schottelius and Dorothy D. Schottelius. Mosby, Saint Louis, ed. 17, 1973. xii, 590 pp., illus. \$11.

Tibetan Medicine. Illustrated in Original Texts. Presented and translated by Rechung Rinpoche. University of California Press, Berkeley, 1973. viii, 340 pp. \$16.

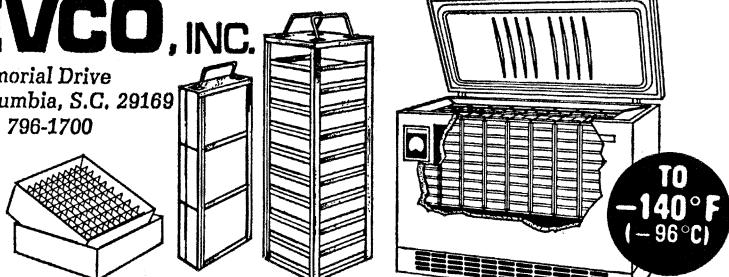
Topics in Neuroendocrinology. J. Ariëns Kappers and J. P. Schadé, Eds. Elsevier, New York, 1972. vi, 356 pp., illus. \$39.50. Progress in Brain Research, vol. 38.

Revco is More than a freezer... It's a System.

You get more than dependable ULTRA-low® temperature when you buy a Revco freezer. We adapt the freezer to your particular use through the proper accessories from our inventory control systems. Let us show you how Revco provides the total answer to your ULTRA-low® temperature needs. Available in sizes from 1-1/2 to 25 cubic feet, including the standard 6.5, 9, 12 and 17 cubic foot sizes, in chest models and upright.

REVCO, INC.

1177 Memorial Drive
West Columbia, S.C. 29169
Tel. (803) 796-1700



The world's leader in ULTRA-low® temperature equipment