

Books Received

- Alfred Kroeber.** Julian H. Steward. Columbia University Press, New York, 1973. xiv, 138 pp. Cloth, \$8; paper, \$2.95. Leaders of Modern Anthropology Series.
- Astronomy and Astrophysics Abstracts.** Vol. 7, Literature 1972, part 1. S. Böhme and six others, Eds. Published for Astronomisches Rechen-Institut by Springer-Verlag, New York, 1972. x, 526 pp. \$22.90.
- Astronomy Data Book.** J. Hedley Robinson. Halsted (Wiley), New York, 1972. 272 pp. + map. \$10.95.
- The American Heroin Empire.** Power, Profits, and Politics. Richard Kunes. Dodd, Mead, New York, 1972. viii, 216 pp. \$5.95.
- Auerbach on Time Sharing.** Auerbach, Philadelphia, 1972. x, 240 pp., illus. \$19.95.
- Avian Biology.** Vol. 2. Donald S. Farner, James R. King, and Kenneth C. Parkes, Eds. Academic Press, New York, 1972. xxiv, 612 pp., illus. \$32.
- Banana Diseases.** Including Plantains and Abaca. C. W. Wardlaw. Longman, London, ed. 2, 1972. xiv, 878 pp., illus. £13.
- Behavioral Aspects of Ecology.** Peter H. Klopfer. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1973. xxiv, 200 pp., illus. \$7.95. Concepts of Modern Biology Series.
- The Brain Benders.** A Study of the Effects of Isolation. Charles A. Brownfield. Exposition Press, Jericho, N.Y., ed. 2, 1972. xiv, 218 pp. Cloth, \$6.50; paper, \$4. Second edition of *Isolation: Clinical and Experimental Approaches*.
- A Brief Guide to Sources of Fiber and Textile Information.** Helen G. Sommar. Information Resources Press, Washington, D.C., 1973. viii, 138 pp., illus. \$9.95.
- Causal Thinking in the Health Sciences.** Concepts and Strategies of Epidemiology. Mervyn Susser. Oxford University Press, New York, 1973. xviii, 182 pp., illus. Cloth, \$6.95; paper, \$4.50.
- Cell Biology in Medicine.** E. Edward Bittar, Ed. Wiley-Interscience, New York, 1973. x, 724 pp., illus. \$34.95.
- Delay and Functional Differential Equations and Their Applications.** Proceedings of a conference, Park City, Utah, Mar. 1972. Klaus Schmitt, Ed. Academic Press, New York, 1972. xvi, 396 pp., illus. \$16.50.
- Developments in Applied Spectroscopy.** Vol. 10. A symposium, St. Louis, Mo., Oct. 1971. A. J. Perkins, E. L. Grove, Emmett F. Kaelble, and Joan E. Westermeyer, Eds. Plenum, New York, 1972. x, 360 pp., illus. \$26.50.
- Distribution of Mammals in Colorado.** David M. Armstrong. University of Kansas Museum of Natural History, Lawrence, 1972. x, 416 pp., illus. \$16. University of Kansas Museum of Natural History Monograph No. 3.
- Elementary Functions.** Backdrop for the Calculus. Melcher P. Fobes. Macmillan, New York, 1973. xvi, 510 pp., illus. \$10.95.
- Emperor Moths of South and South Central Africa.** Elliot Pinhey. Struik, Cape Town, South Africa, 1972 (U.S. distributor, Nadolny, New Britain, Conn.). xii, 150 pp. + plates. \$12.95.
- Ergogenic Aids and Muscular Performance.** William P. Morgan, Ed. Academic Press, New York, 1972. xii, 430 pp., illus. \$18.50.
- A First Course in Factor Analysis.** Andrew L. Comrey. Academic Press, New York, 1973. xii, 316 pp., illus. \$12.95.
- Forces and Particles.** An Outline of the Principles of Classical Physics. A. B. Pipard. Halsted (Wiley), New York, 1972. xii, 322 pp., illus. \$14. Nature-Macmillan Physics Series.
- From Stonehenge to Modern Cosmology.** Fred Hoyle. Freeman, San Francisco, 1972. viii, 96 pp., illus. \$4.95.
- Functional Methods and Models in Quantum Field Theory.** H. M. Fried. M.I.T. Press, Cambridge, Mass., 1972. x, 214 pp., illus. \$8.95.
- Fundamentals of Mathematics.** Moses Richardson and Leonard F. Richardson. Macmillan, New York, ed. 4, 1973. xxvi, 582 pp., illus. \$10.95.
- Genetics, Environment, and Behavior.** Implications for Educational Policy. A workshop, Rye, N.Y., Oct. 1971. Lee Ehrman, Gilbert S. Omenn, and Ernest Caspari, Eds. Academic Press, New York, 1972. xx, 324 pp., illus. \$12.50.
- Gospel in the Twentieth Century.** Essays on Science and Religion. Phillip Holden Appling. Illustrated by Frances Elois Appling. Exposition, Jericho, N.Y., 1973. 128 pp. \$5.
- Growth by Intussusception.** Ecological Essays in Honor of G. Evelyn Hutchinson. E. S. Deevey, Ed. Connecticut Academy of Arts and Sciences, New Haven, 1972 (available from Archon Books, Hamden, Conn.). 442 pp. + plates. Paper, \$25. *Transactions*, vol. 44, Dec. 1972.
- Hormones and Behavior.** Seymour Levine, Ed. Academic Press, New York, 1972. xiv, 364 pp., illus. \$14.50.
- Infinite Abelian Groups.** Vol. 2. László Fuchs. Academic Press, New York, 1973. x, 364 pp., illus. \$19.50. Pure and Applied Mathematics, vol. 36-2.
- International Review of Neurobiology.** Vol. 15. Carl C. Pfeiffer and John R. Smythies, Eds. Academic Press, New York, 1972. x, 378 pp., illus. \$22.
- International Review of Neurobiology.** Supplement 1. Carl C. Pfeiffer, Ed. Academic Press, New York, 1972. x, 180 pp., illus. \$11.50.
- The Mathematical Foundations of the Finite Element Method with Applications to Partial Differential Equations.** Proceedings of a symposium, Baltimore, June 1972. A. K. Aziz, Ed. Academic Press, New York, 1972. xvi, 798 pp., illus. \$24.
- Mathematical Methods in Chemical Engineering.** Vol. 2, First-Order Partial Differential Equations with Applications. Rutherford Aris and Neal R. Amundson. Prentice-Hall, Englewood Cliffs, N.J., 1973. xiv, 370 pp., illus. \$16.50. Prentice-Hall International Series in the Physical and Chemical Engineering Sciences.
- Membranes and Viruses in Immunopathology.** Proceedings of a conference, Minneapolis, June 1972. Stacy B. Day and Robert A. Good, Eds. Academic Press, New York, 1972. xx, 604 pp., illus. \$17.50.
- Metabolism.** Ingrid D. Olsen. Pegasus (Bobbs-Merrill), Indianapolis, Ind., 1973. x, 214 pp., illus. Cloth, \$6.95; paper, \$2.95. Pegasus Topics in Biological Science. Biological Sciences Curriculum Study Book.
- Meteorology of the Southern Hemisphere.** Harry van Loon and six others. American Meteorological Society, Boston, 1972. x, 264 pp., illus. \$22. Meteorological Monographs, Vol. 13, No. 35.
- Mind.** An Essay on Human Feeling. Vol. 2. Susanne K. Langer. Johns Hopkins University Press, Baltimore, 1973. xii, 400 pp., illus. \$12.50.
- Molecular Genetic Mechanisms in Development and Aging.** Proceedings of a symposium, Miami, Mar. 1972. Morris Rockstein and George T. Baker, III, Eds. Academic Press, New York, 1972. xii, 254 pp., illus. \$8.50.
- The Native Orchids of Florida.** Carlyle A. Luer. New York Botanical Garden, Bronx, N.Y., 1972. 294 pp., illus. \$25.
- Network Theory.** Proceedings of an institute, Knokke, Belgium, Sept. 1969. R. Boite, Ed. Gordon and Breach, New York, 1972. xii, 578 pp., illus. \$29.50.
- Neural and Psychological Mechanisms in Cardiovascular Disease.** Proceedings of a symposium, Stresa, Italy, July 1971. Alberto Zanchetti, Ed. Casa Editrice "Il Ponte," Milan, 1972. xvi, 386 pp., illus. \$25.
- Neurological Symptoms in Blood Diseases.** Nello d'Eramo and Mario Levi. Translated from the Italian edition (Rome) by John Iliffe. University Park Press, Baltimore, 1972. xiv, 288 pp., illus. \$19.50.
- Neurophysiology Studied in Man.** Proceedings of a symposium, Paris, July 1971. G. G. Somjen, Ed. Excerpta Medica, Amsterdam, 1972. xii, 488 pp., illus. \$33.75. International Congress Series, No. 253.
- Nonlinear Viscoelastic Solids.** F. J. Lockett. Academic Press, New York, 1972. xii, 196 pp., illus. \$13.50.
- Numerical Analysis of Symmetric Matrices.** H. R. Schwarz with the participation of H. Rutishauser and E. Stiefel. Translated from the German edition (Stuttgart, 1968) by Paul Hertelendy. Prentice-Hall, Englewood Cliffs, N.J., 1973. xii, 276 pp., illus. \$14.50. Prentice-Hall Series in Automatic Computation.
- Numerical Methods for Non-linear Optimization.** A conference, Dundee, Scotland, June 1971. F. A. Lootsma, Ed. Academic Press, New York, 1972. xiv, 440 pp., illus. \$27.50.
- Nutrition, the Nervous System, and Behavior.** Proceedings of a seminar, Mona, Jamaica, Jan. 1972. Pan American Health Organization, Washington, D.C., 1972. x, 148 pp., illus. Paper, \$3. Scientific Publication No. 251.
- Operations Research in Hospitals.** Diagnosis and Prognosis. David H. Stimson and Ruth H. Stimson. Hospital Research and Educational Trust, Chicago, 1972. x, 110 pp. Paper, \$4.95. Revision of *Operations Research and Systems Analysis in Hospital Administration* (1971).
- Ontogeny of Acquired Immunity.** A

symposium, London, Nov. 1971. Ciba Foundation. Associated Scientific Publishers (Elsevier, Excerpta Medica, North-Holland), New York, 1972. x, 284 pp., illus. \$12.75.

Optical Production Technology. D. F. Horne. Crane Russak, New York, 1972. x, 568 pp., illus. \$42.50.

Pathogenic Mycoplasmas. A symposium, London, Jan. 1972. Ciba Foundation. Associated Scientific Publishers (Elsevier, Excerpta Medica, North-Holland), New York, 1972. x, 404 pp., illus. \$18.75.

Pathophysiology of Gestation. Vol. 3, Fetal and Neonatal Disorders. Nicholas S. Assali and Charles R. Brinkman, III, Eds. xvi, 556 pp., illus. \$29.50.

Patterns and Experiments in Developmental Biology. Leland G. Johnson and E. Peter Volpe. Brown, Dubuque, Iowa, 1973. xiv, 256 pp., illus. Spiral bound, \$4.95.

Peasants in Revolt. A Chilean Case Study, 1965-1971. James Petras and Hugo Zemelman Merino. Translated by Thomas Flory. Published for the Institute of Latin American Studies by the University of Texas Press, Austin, 1972. xiv, 154 pp. \$6.50. Latin American Monographs, No. 28.

Philosophy and Technology. Readings in the Philosophical Problems of Technology. Carl Mitcham and Robert Mackey, Eds. Free Press, New York; Collier-Macmillan, London, 1972. xii, 400 pp. \$12.95.

The Philosophy of Evidence. Vol. 3, Philosophy and Technology of Drug Assessment. A conference, Elkridge, Md., November 1971. Published for the Smithsonian Institution by Interdisciplinary Communication Associates, Washington, D.C., 1972. xvi, 300 pp. Paper, \$8.50.

The Practical Application of Project Planning by Network Techniques. Proceedings of a congress, Stockholm, May 1972. Mats Ogander, Ed. Almqvist and Wiksell, Stockholm; Halsted (Wiley), New York, 1973. 3 vols. Vol. 1, viii, 342 pp., illus. Vol. 2, x, 658 pp., illus. Vol. 3, xii, 596 pp., illus. \$65.

The Principles of Insect Physiology. V. B. Wigglesworth. Chapman and Hall, London; Halsted (Wiley), New York, ed. 7, 1972. viii, 828 pp., illus. \$23.

Proceedings of the 1972 CERN School of Physics. Grado, Italy, May 1972. European Organization for Nuclear Research (CERN), Geneva, 1972. x, 598 pp., illus. Paper.

Profiles of the Future. An Inquiry into the Limits of the Possible. Arthur C. Clarke. Harper and Row, New York, ed. 2, 1973. xx, 238 pp. \$7.95.

Psychology in the Service of Man. A Book of Readings. Marvin Karlins, Ed. Wiley, New York, 1973. x, 390 pp., illus. Cloth, \$8.95; paper, \$5.95.

Psychopathology. Contributions from the Social, Behavioral, and Biological Sciences. In honor of Joseph Zubin. Muriel Hammer, Kurt Salzinger, and Samuel Sutton, Eds. Wiley-Interscience, New York, 1973. xx, 588 pp., illus. \$18.95. Wiley Series on Personality Processes.

Radar Observation of the Atmosphere. Louis J. Battan. University of Chicago Press, Chicago, ed. 2, 1973. x, 324 pp., illus. \$15.75. Second edition of *Radar Meteorology*.

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Readings in Animal Behavior. Thomas E. McGill, Ed. Holt, Rinehart and Winston, New York, ed. 2, 1973. xviii, 494 pp., illus. Paper, \$6.95.

Regeneration in Lower Vertebrates and Invertebrates, II. Papers by Margaret Egar and others. MSS Information Corp., New York, 1973. 168 pp., illus. \$15.

The Regulation of Mammalian Reproduction. Proceedings of a conference, Bethesda, Md., Sept. 1970. Sheldon J. Segal, Ruth Crozier, Philip A. Corfman, and Peter G. Condliffe, Eds. Thomas, Springfield, Ill., 1973. xxiv, 586 pp., illus. \$44.50. Fogarty International Center Proceedings, No. 8.

Regulation of Purine Biosynthesis. J. Frank Henderson. American Chemical Society, Washington, D.C., 1972. xvi, 304 pp., illus. \$12.95. ACS Monograph 170.

Religion among the Unitarian Universalists. Converts in the Stepfathers's House. Robert B. Tapp. Seminar, New York, 1973. xii, 268 pp. \$10. Quantitative Studies in Social Relations.

Reproduction in Mammals. C. R. Austin and R. V. Short, Eds. Illustrated by John R. Fuller. Cambridge University Press, New York, 1973. Book 4, Reproductive Patterns. viii, 160 pp. Book 5, Artificial Control of Reproduction. x, 168 pp. Each book, cloth, \$11.95; paper, \$3.95.

Results of the Archbold Expeditions. No. 98, Systematics of Native Australian *Rattus* (Rodentia, Muridae). J. Mary Taylor and B. Elizabeth Horner. American Museum of Natural History, New York, 1973. 130 pp., illus. Paper, \$6.25. Bulletin of the American Museum of Natural History, vol. 150, article 1.

Spectroscopic Properties of Inorganic and Organometallic Compounds. Vol. 5, A Review of the Literature Published during 1971. N. N. Greenwood, senior reporter. Chemical Society, London, 1972. xviii, 640 pp., illus. £10. Specialist Periodical Report.

Stabilité Structurale et Morphogénèse. Essai d'une Théorie Générale des Modèles. René Thom. Benjamin, Reading, Mass., 1972. xii, 362 pp., illus. \$28. Mathematical Physics Monograph Series.

Statistical Mechanics. A Set of Lectures. R. P. Feynman. Notes taken by R. Kikuchi and H. A. Feiveson. Jacob Shahan, Ed. Benjamin, Reading, Mass., 1972. xiv, 354 pp., illus. Cloth, \$17.50; paper, \$8.95. Frontiers in Physics.

The Structures of Non-Molecular Solids. A Co-ordinated Polyhedron Approach. Graham M. Clark. Halsted (Wiley), New York, 1973. xii, 366 pp., illus. \$29.50.

Suggested Experiments for Laboratory Courses in Acoustics and Vibrations. Vernon M. Albers, Ed. Pennsylvania State University Press, University Park, ed. 2, 1972. x, 222 pp., illus. Spiral bound, \$7.

Systems Approach and the City. Proceedings of a symposium, Cleveland, Ohio, Nov. 1971. Mihajlo D. Mesarovic and Arnold Reisman, Eds. North-Holland.

Amsterdam, and Elsevier, New York, 1972. xx, 482 pp., illus. \$27.25.

Techniques and Problems of Theory Construction in Sociology. Jerald Hage. Wiley-Interscience, New York, 1972. xvi, 240 pp., illus. \$11.50.

Ten Innovations. An International Study on Technological Development and the Use of Qualified Scientists and Engineers in Ten Industries. Christopher Layton in collaboration with Christopher Harlow and Charles de Hoghton. Crane Russak, New York, 1973. xii, 200 pp., illus. \$9.50.

Theory and Experiment in Exobiology. Vol. 2. Alan W. Schwartz, Ed. Wolters-Noordhoff, Groningen, Netherlands, 1972 (U.S. distributor, International Scholarly Book Services, Portland, Ore.). viii, 146 pp., illus. \$8.95.

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Threshold Analysis. J. Kozlowski, J. T. Hughes, and Rosalind Brown. Architectural Press, London, and Halsted (Wiley), New York, 1973. 286 pp., illus. \$32.50.

To See a World. John W. Harrington. Mosby, Saint Louis, 1973. xii, 140 pp., illus., + map. Paper, \$4.75.

Ultracentrifugation of Macromolecules. Modern Topics. J. W. Williams. Academic Press, New York, 1972. xviii, 118 pp., illus. \$9.50.

The United Nations and the Population Question, 1945-1970. Richard Symonds and Michael Carder. McGraw-Hill, New York, 1973. xviii, 236 pp. \$8.95. A Population Council Book.

The Use of Non-Human Primates in Research on Human Reproduction. Proceedings of a symposium, Sukhumi, U.S.S.R., Dec. 1971. E. Diczfalusy, C. C. Standley, and A. Diczfalusy, Eds. World Health Organization Research and Training Centre on Human Reproduction, Stockholm, Sweden, 1972. 536 pp., illus. Also published as *Acta Endocrinologica*, Supplementum No. 166.

Variational Analysis. Critical Extremals and Sturmian Extensions. Marston Morese. Wiley-Interscience, New York, 1973. xii, 260 pp. \$17.50. Pure and Applied Mathematics.

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The Viruses of Laboratory Rodents and Lagomorphs. D. K. Blackmore, J. C. Guillon, and V. Schwanzer. British Veterinary Association Editorial Services, London 1973. x, 90 pp. £1.50.

Water and Water Pollution Handbook. Vol. 4. Leonard L. Ciaccio, Ed. Dekker, New York, 1973. xiv pp. + pp. 1315-1946, illus. \$29.50.

Waves and Interactions in Solid State Plasmas. P. M. Platzman and P. A. Wolff. Academic Press, New York, 1973. xii, 304 pp., illus. \$15. Solid State Physics, vol. 13.

The World Ocean. An Introduction to Oceanography. William A. Anikouchine and Richard W. Sternberg. Prentice-Hall, Englewood Cliffs, N.J., 1973. xiv, 338 pp., illus. \$11.95.

X-Raying the Pharaohs. James E. Harris and Kent R. Weeks. Scribner, New York, 1973. 194 pp., illus. \$10.