

must be on the utilization of tropical ecosystems in the most ecologically sensitive way possible; a number of authors in the present volume—notably Budowski, Alvim, and Goodland and Irwin—stress this point of view.

Several of the papers in the book—especially those by Steyermark on Venezuela and by Prance and Pires on Amazonia—are valuable contributions to the biogeography and population ecology of their respective areas. Others are useful summaries of the status of the conservation of plants in the various parts of the Americas, including the temperate regions of North and South America. All in all the volume is a rich and diverse sampling of points of view on a problem that is of direct interest to all ecologists and systematists, the ecological stability of Latin America.

PETER H. RAVEN

Missouri Botanical Garden,  
St. Louis 63110

## Books Received

**A. F. Kashevarov's Coastal Explorations in Northwest Alaska, 1838.** Edited with an introduction by James W. Vanstone. Translated by David H. Kraus. Field Museum of Natural History, Chicago, 1977. x, 104 pp., illus. Paper, \$4. Fieldiana: Anthropology, vol. 69.

**Atherosclerosis Reviews.** Vol. 2. Rodolfo Paoletti and Antonio M. Gotto, Jr., Eds. Raven, New York, 1977. xiv, 278 pp., illus. \$20.

**Back to Basics.** Aircraft Construction, Cockpit Mechanics, and Flight Procedures. By the Editors of *Flying Magazine*. Van Nostrand Reinhold, New York, 1977. 208 pp. \$11.95.

**Bibliography of Bioethics.** Vol. 3. LeRoy Walters, Maureen L. Canick, and Renée Johnson, Eds. Gale Research Company, Detroit, 1977. x, 348 pp. \$24.

**Computational Methods for Data Analysis.** John M. Chambers. Wiley, New York, 1977. xiv, 268 pp. \$15.95. Wiley Series in Probability and Mathematical Statistics.

**Computer Data-Base Organization.** James Martin. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1977. xviii, 714 pp., illus. \$26.50. Prentice-Hall Series in Automatic Computation.

**Conscious Exercise and the Transcendental Sun.** Bubba Free John. Dawn Horse Press, San Francisco, 1977. x, 262 pp., illus. Cloth, \$10.95; paper, \$5.95.

**Fluorescent Antibody Techniques and Their Applications.** Akiyoshi Kawamura, Jr., Ed. University of Tokyo Press, Tokyo, and University Park Press, Baltimore, ed. 2, 1977. xviii, 292 pp., illus. \$24.50.

**The Freezing of Mammalian Embryos.** Proceedings of a symposium, London, Jan. 1977. Elsevier/Excerpta Medica/North-Holland, New York, 1977. x, 330 pp., illus. \$28.25.

**Fundamentals of Clinical Immunology.** J. Wesley Alexander and Robert A. Good. Saunders, Philadelphia, 1977. x, 338 pp., illus. Paper, \$11.75.

**Fundamentals of Marine Acoustics.** Jerald

W. Caruthers. Elsevier, New York, 1977. x, 154 pp., illus. \$28. Elsevier Oceanography Series, 18.

**Future Strategies for Energy Development.** A Question of Scale. Proceedings of a conference, Oak Ridge, Tenn., Oct. 1976. Oak Ridge Associated Universities, Oak Ridge, Tenn., 1977. x, 298 pp., illus. Paper, \$8.25.

**Human Anatomy and Physiology.** A Complete Self-Study Program. Joseph N. Muzio and Peter Pilchman. Burgess, Minneapolis, 1977. Various pages. Paper, \$19.95.

**Leadership for Higher Education.** The Campus View. Papers from a meeting, New Orleans, Oct. 1976. Roger W. Heyns, Ed. American Council on Education, Washington, D.C., 1977. xii, 208 pp. \$12.

**Life-Span Developmental Psychology.** Introduction to Research Methods. Paul B. Baltes, Hayne W. Reese, and John R. Nesselrode. Brooks/Cole, Monterey, Calif., 1977. xvi, 272 pp. Paper, \$7.95. Life-Span Human Development Series.

**Mathematical Modeling of Biological Systems.** An Introductory Guidebook. Harvey J. Gold. Wiley-Interscience, New York, 1977. xviii, 358 pp., illus. \$21.95.

**Mechanics and Energetics of Animal Locomotion.** R. McN. Alexander and G. Goldspink, Eds. Chapman and Hall, London, and Halsted (Wiley), New York, 1977. xii, 346 pp., illus. \$37.50.

**Microprocessors in Instruments and Control.** Robert J. Bibbero. Wiley-Interscience, New York, 1977. xviii, 302 pp., illus. \$15.75.

**The Molecular Biology of the Mammalian Genetic Apparatus.** Vol. 2. Papers from a symposium, Pasadena, Calif., Dec. 1975. Paul O. P. Ts'o, Ed. North-Holland, Amsterdam, 1977 (U.S. distributor, Elsevier, New York). xxvi, 334 pp., illus. \$46.75.

**The Mountains of Serbia.** Travels through Inland Yugoslavia. Anne Kindersley. Murray, London, 1976 (U.S. distributor, Transatlantic Arts, Levittown, N.Y.). xviii, 286 pp. + plates. \$12.50.

**Multiple Sclerosis.** A Critical Conspectus. E. J. Field, Ed. University Park Press, Baltimore, 1977. xii, 266 pp., illus. \$24.50.

**Mycotoxic Fungi, Mycotoxins, Mycotoxicoses.** An Encyclopedic Handbook. Vol. 1, Mycotoxic Fungi and Chemistry of Mycotoxins. Thomas D. Wyllie and Lawrence G. Morehouse, Eds. Dekker, New York, 1977. xxviii, 538 pp., illus. \$75.

**Nonlinear Optics.** Proceedings of a NATO Advanced Study Institute, Edinburgh, July 1975. Philip G. Harper and Brian S. Wherrett, Eds. Academic Press, New York, 1977. xiv, 434 pp., illus. \$38.

**Orchid Biology.** Reviews and Perspectives, I. Joseph Arditti, Ed. Comstock (Cornell University Press), Ithaca, N.Y., 1977. 312 pp., illus. \$29.50.

**Paléocologie.** Jean Roger. Masson, Paris, 1977. viii, 170 pp., illus. Paper, 98 F. Collection d'Ecologie, 10.

**Payroll with Cost Accounting.** Lon Poole and Mary Borchers. Adam Osborne and Associates, Berkeley, Calif., 1977. x, 366 pp., illus. Paper, \$12.50.

**Physiologie des Régulations.** E. Schöpfeniels. Masson, Paris, 1977. viii, 198 pp., illus. Paper, 80 F. Maîtrises de Biologie.

**Pilot Error.** Anatomies of Aircraft Accidents. By the Editors of *Flying Magazine*. Van Nostrand Reinhold, New York, 1977. 160 pp. \$9.95.

**A Prescriptive Behavioral Checklist for the Severely and Profoundly Retarded.** Dorothy

Popovich. University Park Press, Baltimore, 1977. xvi, 432 pp. Paper, \$14.95.

**Preservation of Paper and Textiles of Historic and Artistic Value.** Papers from a symposium, San Francisco, Aug. 1976. John C. Williams, Ed. American Chemical Society, Washington, D.C., 1977. x, 404 pp., illus. \$38. Advances in Chemistry Series, 164.

**Principles and Applications of Ferroelectrics and Related Materials.** M. E. Lines and A. M. Glass. Clarendon (Oxford University Press), New York, 1977. xiv, 680 pp., illus. \$49.50. International Series of Monographs on Physics.

**Principles of Colloid and Surface Chemistry.** Paul C. Hiemenz. Dekker, New York, 1977. xiv, 516 pp., illus. \$19.50. Undergraduate Chemistry, vol. 4.

**Progesterone Receptors in Normal and Neoplastic Tissues.** Papers from a conference, 1976. William L. McGuire, Jean-Pierre Raynaud, and Etienne-Emile Baulieu, Eds. Raven, New York, 1977. xii, 346 pp., illus. \$25. Progress in Cancer Research and Therapy, vol. 4.

**The Testis in Normal and Infertile Men.** Papers from a conference, Pittsburgh, Feb. 1976. Philip Troen and Howard R. Nankin, Eds. Raven, New York, 1977. xiv, 578 pp., illus. \$38.75.

**Theoretical Foundations of Nonlinear Acoustics.** O. V. Rudenko and S. I. Soluyan. Translated from the Russian edition (Moscow, 1975) by Robert T. Beyer. Consultants Bureau (Plenum), New York, 1977. viii, 274 pp., illus. \$39.50. Studies in Soviet Science.

**Thesaurus of Entomology.** Richard H. Foote. Entomological Society of America, College Park, Md., 1977. xxxii, 188 pp. Paper, \$9.

**Transonic Flow Problems in Turbomachinery.** Proceedings of a workshop, Monterey, Calif., Feb. 1976. T. C. Adamson, Jr., and M. F. Platzer, Eds. Hemisphere, Washington, D.C. 1977. xxii, 660 pp., illus. \$39.50.

**Tsetse.** The Future of Biological Methods in Integrated Control. Marshall Laird, Ed. International Development Research Centre, Ottawa, Canada, 1977 (U.S. distributor, Unipub, New York). 220 pp., illus. Paper, \$8.75.

**Use of Mathematical Literature.** A. R. Doring, Ed. Butterworths, Boston, 1977. xii, 260 pp. \$24.95. Information Sources for Research and Development.

**Vigilance.** Theory, Operational Performance, and Physiological Correlates. Proceedings of a symposium, St. Vincent, Italy, Aug. 1976. Robert R. Mackie, Ed. Plenum, New York, 1977. x, 862 pp., illus. \$49.50. NATO Conference Series III, vol. 3.

**The Washington Fishing Rights Controversy.** An Economic Critique. Russel Lawrence Barsh. University of Washington Graduate School of Business Administration, Seattle, 1977. iv, 94 pp. Paper, \$4.95.

**The Way of Discovery.** An Introduction to the Thought of Michael Polanyi. Richard Gelwick. Oxford University Press, New York, 1977. xx, 182 pp., illus. Cloth, \$12.95; paper, \$3.50.

**A Workshop on Personal Health and Well Being.** Sydney, Sept. 1976. D. Garlick, Ed. University of New South Wales Postgraduate Committee in Medical Education, Kensington, Australia, 1977. viii, 268 pp., illus. Paper, A\$5.

**The Zapping of America.** Microwaves, Their Deadly Risk, and the Cover-Up. Paul Brodeur. Norton, New York, 1977. xvi, 344 pp., illus. \$11.95.