

is representative of only a fraction of the pentachlorophenol commercially produced today. The failure to provide answers to the valid questions raised in this section is a reflection of the current state of the art.

This book adequately serves two purposes: It provides data concerning the environmental consequences of the use of pentachlorophenol, and it describes another case in which nontarget effects have become the main issue in the assessment of the suitability of an environmental chemical.

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## Climatic Misfortunes

**North American Droughts.** Papers from a AAAS meeting, Denver, Feb. 1977. NORMAN J. ROSENBERG, Ed. Published for the American Association for the Advancement of Science by Westview Press, Boulder, Colo., 1978. xxii, 178 pp., illus. \$15. AAAS Selected Symposia Series, 15.

Nothing seems more constant than the variability of the weather, and in its range of variations occur many of the hazards to the safety, comfort, and economic welfare of the inhabitants of an area. Drought is one of the less dramatic of these variations, constituting, as is pointed out by several of the contributors to this symposium volume, a "nonevent," but J. Eugene Haas, in his contribution, ranks it third in economic cost among the "more than a dozen significant geophysical hazards faced by Americans." It is called a "nonevent" because, unlike a hurricane or a flood, it does not produce its damage in a well-defined time period in response to well-defined meteorological and hydrological phenomena. How deficient precipitation must be and for how long the deficiency must persist before it is clear that there is a drought depend on the effect the deficiency has and thus on the nature of human activities in the region and the way they are carried out.

As Rosenberg explains in his introduction, the present volume consists of papers presented at the height of the 1977 drought, but by the time the book was published natural weather variability had brought rains to many areas affected by the drought and together with governmental action had relieved the economic effects for much of the United States.

The fact that the 1977 drought has

joined those reviewed by L. Dean Bark in chapter 1, "History of American droughts," as part of the past does not reduce the value of the book as a stimulus to the study of the nature of the effects of drought and the ways to ameliorate them. The short chapter "Strategies in the event of drought" by Haas is a particularly clear summary of possible ameliorative actions, the degree to which they have been employed, and their effectiveness. For the future Haas says that if "heavy emphasis and eventual success in developing long range climate prediction" took place "net benefits would be expected to be very positive and catastrophe potential would be drastically reduced."

From this standpoint the chapter by Stephen H. Schneider entitled "Forecasting future droughts: Is it possible?" is disappointing. Instead of focusing on the physical processes in the atmosphere that may be related to the occurrence of persistent deficiencies in the precipitation of particular areas, Schneider devotes most of the chapter to problems concerning the statistical detection of climatic anomalies and to the predictability of the effects of specific external influences, such as solar variability and the increase of the carbon dioxide in the atmosphere. While these matters are of interest, the fact is that there is no detection problem: droughts are all too conspicuous, and the "climate" variations they represent are of shorter period than the known variations of external forces, so that internal relationships in the atmosphere-ocean-solid-earth system are almost surely the ones that will provide the explanation of droughts, and thereby the way to forecast them.

MORRIS NEIBURGER

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## Books Received

**Aerodynamic Drag Mechanisms of Bluff Bodies and Road Vehicles.** Papers from a symposium, Warren, Mich., Sept. 1976. Gino Sovran, Thomas Morel, and William T. Mason, Jr. Plenum, New York, 1978. xii, 380 pp., illus. \$39.50.

**Alkaloid Biology and Metabolism in Plants.** George R. Waller and Edmund K. Nowacki. Plenum, New York, 1978. xviii, 294 pp., illus. \$22.50.

**Amino Acids, Peptides and Proteins.** An Introduction. H.-D. Jakubke and H. Jeschkeit. Translated from the German edition (Berlin, 1973) by G. P. Cotterell and J. H. Jones. Halsted (Wiley), New York, 1978. xvi, 336 pp., illus. \$24.95.

**Ancient Native Americans.** Jesse D. Jennings, Ed. Freeman, San Francisco, 1978.

xvi, 698 pp., illus. Cloth, \$24.50; paper, \$19.95.

**Annual Review of Materials Science.** Vol. 8. Robert A. Huggins, Richard H. Bube, and Richard W. Roberts, Eds. Annual Reviews, Palo Alto, Calif., 1978. x, 524 pp., illus. \$17.

**Annual Reviews Reprints: Cell Membranes, 1975-1977.** Compiled by L. J. Mullins. Annual Reviews, Palo Alto, Calif., 1978. vi, 560 pp., illus. Paper, \$12.

**Applied Dream Analysis.** A Jungian Approach. Mary Ann Mattoon. Winston, Washington, D.C., and Halsted (Wiley), New York, 1978. xvi, 254 pp. \$12.50.

**Applied Numerical Modelling.** Proceedings of a conference, Southampton, England, July 1977. C. A. Brebbia, Ed. Halsted (Wiley), New York, 1978. xii, 714 pp., illus. \$37.50.

**The Arithmetic of Al-Uqlidisi.** The Story of Hindu-Arabic Arithmetic as Told in *Kitāb al-Fuṣūl fī al-Ḥisāb al-Hindī*. Abū Al-Ḥasan Aḥmad ibn Ibrāhīm al-Uqlidisi. Translated and annotated by A. S. Saidan. Reidel, Boston, 1978. xviii, 492 pp. \$78.

**Asteroids.** An Exploration Assessment. Papers from a workshop. Chicago, Jan. 1978. David Morrison and William C. Wells, Eds. National Aeronautics and Space Administration, Washington, D.C., 1978. vi, 300 pp., illus. Paper. NASA Conference Publication 2053.

**Atherosclerosis Reviews.** Vol. 3. Rodolfo Paoletti and Antonio M. Gotto, Jr., Eds. Raven, New York, 1978. xii, 268 pp., illus. \$22.

**Atlantis.** Fact or Fiction? Edwin S. Ramage, Ed. Indiana University Press, Bloomington, 1978. xiv, 210 pp., illus. \$10.95.

**An Atlas of Representative Stellar Spectra.** Yasumasa Yamashita, Kyoji Nariai, and Yuji Norimoto. Halsted (Wiley), New York, 1978. 130 pp. \$60.

**Atmosphere, Weather and Climate.** R. G. Barry and R. J. Chorley. Methuen, London, ed. 3, 1978 (U.S. distributor, Halsted [Wiley], New York). 432 pp., illus. + plates. Paper, \$9.95.

**Atomic Energy Levels—The Rare-Earth Elements.** The Spectra of Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, and Lutetium. W. C. Martin, Romuald Zalubas, and Lucy Hagan. National Bureau of Standards, Washington, D.C. 1978 (available from the Superintendent of Documents, Washington, D.C.). viii, 412 pp. \$9.50. NSRDS-NBS 60.

**Biology: Its Historical Development.** Howard B. Baumel. Philosophical Library, New York, 1978. viii, 102 pp., illus. \$6.

**Biology of Reproduction.** Peter J. Hogarth. Halsted (Wiley), New York, 1978. viii, 190 pp., illus. \$15.95. Tertiary Level Biology.

**The Biophysical Characterization of the Cell Surface.** G. V. Sherbet. Academic Press, New York, 1978. xx, 298 pp., illus. \$26.50.

**Biosocial Genetics.** Human Heredity and Social Issues. Gerald James Stine. Macmillan, New York, and Collier Macmillan, London, 1977. xii, 580 pp., illus. \$13.95.

**The Breakdown and Restoration of Ecosystems.** Papers from a conference, Reykjavik, Iceland, July 1976. M. W. Holdgate and M. J. Woodman, Eds. Plenum, New York, 1978. xii, 496 pp., illus. \$30. NATO Conference Series I, vol. 3.

**Cancer.** A Problem of Developmental Biology. G. Barry Pierce, Robert Shikes, and Louis M. Fink. Prentice-Hall, Englewood Cliffs, N.J., 1978. xiv, 242 pp., illus. \$15.95.

(Continued on page 813)

## BOOKS RECEIVED

(Continued from page 742)

Prentice-Hall Foundations of Developmental Biology Series.

**Cancer Therapy by Hyperthermia and Radiation.** Proceedings of a symposium, Essen, Germany, June 1977. Christian Streffer and seven others, Eds. Urban & Schwarzenberg, Baltimore, 1978. xviii, 344 pp., illus. \$39.50.

**Cardiac Rehabilitation.** Papers from a congress, Hamburg, Sept. 1977. K. König and H. Denolin, Eds. Karger, Basel, 1978. vi, 202 pp., illus. \$53.50. *Advances in Cardiology*, vol. 24.

**Cell Receptor Disorders.** Papers from a workshop, La Jolla, Calif., Mar. 1977. Theodore Melnechuk. Western Behavioral Sciences Institute, La Jolla, Calif., 1978. viii, 216 pp., illus. Paper, \$10.

**Cell, Tissue, and Organ Cultures in Neurobiology.** Proceedings of a workshop, Saskatoon, Canada, Mar. 1977. S. Fedoroff and L. Hertz, Eds. Academic Press, New York, 1977. xiv, 694 pp., illus. \$29.

**Cellular Degradative Processes.** R. T. Dean. Chapman and Hall, London, and Halsted (Wiley), New York, 1978. 80 pp., illus. Paper, \$3.95. *Outline Studies in Biology*.

**The Changing American Diet.** Letitia Brewster and Michael F. Jacobson. Center for Science in the Public Interest, Washington, D.C., 1978. iv, 80 pp., illus. Paper, \$2.50.

**Chemical Problem Solving Using Dimensional Analysis.** Robert Nakon. Prentice-Hall, Englewood Cliffs, N.J., 1978. xii, 288 pp. Paper, \$6.95.

**Development Issues.** U.S. Actions Affecting the Development of Low-Income Countries. The Third Annual Report of the President Transmitted to the Congress, April 1978. Agency for International Development, Washington, D.C., 1978. iv, 130 pp. Paper.

**A Dictionary of Geography.** Definitions and Explanations of Terms Used in Physical Geography. W. G. Moore. Barnes and Noble (Harper and Row), New York, ed. 2, 1978. x, 260 pp., illus. + plates. \$16.

**Directory of Computer Education and Research.** International Edition. T. C. Hsiao, Ed. Science and Technology Press, Washington, D.C., 1978. Two volumes. xxxviii, 1760 pp. \$150.

**Disciplined Creativity for Engineers.** Robert L. Bailey. Ann Arbor Science, Ann Arbor, Mich., 1978. xviii, 614 pp., illus. \$20.

**Diseases of Shade Trees.** Terry A. Tattar. Academic Press, New York, 1978. xviii, 362 pp., illus. \$22.

**Diseases, Pests and Weeds in Tropical Crops.** Jürgen Kranz, Heinz Schmutterer, and Werner Koch, Eds. Wiley, New York, 1978. xvi, 668 pp., illus. + plates. \$61.

**Distributed Processing and Data Communications.** Daniel R. McGlynn. Wiley-Interscience, New York, 1978. xiv, 306 pp., illus. \$20.75.

**Diversity and Periodicity.** An Inorganic Chemistry Module. James Huheey. Harper and Row, New York, ed. 2, 1978. vi, 106 pp., illus. Paper, \$2.49. *Interdisciplinary Approaches to Chemistry*.

**Doenças do Trigo e Seu Controle.** Yeshwant Ramchandra Mehta. Editora Agronômica Ceres Ltda. Summa Phytopathologica, São Paulo, Brazil, 1978. 190 pp., illus. \$25.

**The Dynamics of Science and Technology.** Social Values, Technical Norms and Scientific Criteria in the Development of Knowledge. Wolfgang Krohn, Edwin T. Layton, Jr.,

and Peter Weingart, Eds. Reidel, Boston, 1978. xii, 294 pp. Cloth, \$29.50; paper, \$14.95. *Sociology of the Sciences*, vol. 2.

**The Earth's Dynamic Systems.** A Textbook in Physical Geology. W. Kenneth Hamblin. Illustrated by William L. Chesser and Dennis Tasa. Burgess, Minneapolis, ed. 2, 1978. viii, 470 pp., illus. \$16.95.

**Econometric Models, Techniques, and Applications.** Michael D. Intriligator. Prentice-Hall, Englewood Cliffs, N.J., 1978. xvi, 638 pp., illus. \$17.95.

**The Geomagnetic Field and Life.** Geomagnetobiology. A. P. Dubrov. Translated from the Russian edition (Leningrad, 1974) by Frank L. Sinclair. Frank A. Brown, Jr., Transl. Ed. Plenum, New York, 1978. xviii, 318 pp., illus. \$25.

**GLC and HPLC Determination of Therapeutic Agents.** Part 1. Kiyoshi Tsuji and Walter Morozowich, Eds. Dekker, New York, 1978. xviii, 416 pp., illus. \$37.50. *Chromatographic Science*, vol. 9.

**Gray Corrugated Pottery from Awatovi and Other Jeddito Sites in Northeastern Arizona.** James C. Gifford and Watson Smith with the assistance of Carol A. Gifford, Muriel Kirkpatrick, and Robert O'Haire. Peabody Museum of Archaeology and Ethnology, Harvard University, Cambridge, Mass., 1978. xiv, 156 pp., illus. Paper, \$15. *Papers of the Peabody Museum of Archaeology and Ethnology*, vol. 69. *Reports of the Awatovi Expedition*, Report No. 10.

**Handbook of Semantic Word Norms.** Michael P. Toglia and William F. Battig with Kay Barrow and five others. Erlbaum, Hillsdale, N.J., 1978 (distributor, Halsted [Wiley], New York). viii, 152 pp. \$14.95.

**Hawthorne's Mad Scientists.** Pseudoscience and Social Science in Nineteenth-Century Life and Letters. Taylor Stoehr. Archon Books (Shoe String Press), Hamden, Conn., 1978. 314 pp. \$19.50.

**Healing Massage Techniques.** A Study of Eastern and Western Methods. Frances M. Tappan. Reston (Prentice-Hall), Reston, Va., 1978. xii, 260 pp., illus. \$15.95.

**The Healing Sea.** A Voyage into the Alien World Offshore. George D. Ruggieri and Norman David Rosenberg. Dodd, Mead, New York, 1978. viii, 168 pp., illus. \$7.95.

**Health Effects of Environmental Pollutants.** George L. Waldbott. Mosby, St. Louis, ed. 2, 1978. x, 350 pp., illus. Paper, \$13.50.

**Health Insurance Bargaining.** Foreign Lessons for Americans. William A. Glaser. Gardner Press, New York, 1978 (distributor, Halsted [Wiley], New York). xviii, 266 pp. \$18.

**Heraclitean Fire.** Sketches from a Life before Nature. Erwin Chargaff. Rockefeller University Press, New York, 1978. viii, 252 pp. \$13.

**Heterostructure Lasers.** Part B, Materials and Operating Characteristics. H. C. Casey, Jr., and M. B. Panish. Academic Press, New York, 1978. xiv, 330 pp., illus. \$29. *Quantum Electronics*.

**Hilbert's Third Problem.** Vladimir G. Bol'tianskii. Translated from the Russian edition by Richard A. Silverman. Winston, Washington, D.C., and Halsted (Wiley), New York, 1978. x, 228 pp., illus. \$19.95. *Scripta Series in Mathematics*.

**Holmes Principles of Physical Geology.** Arthur Holmes. Revised by Doris L. Holmes. Halsted (Wiley), New York, ed. 3, 1978. xvi, 730 pp., illus. \$24.95.

**Marine Evaporites.** Walter E. Dean and B. Charlotte Schreiber, Eds. Society of Economic Paleontologists and Mineralogists, Tulsa,



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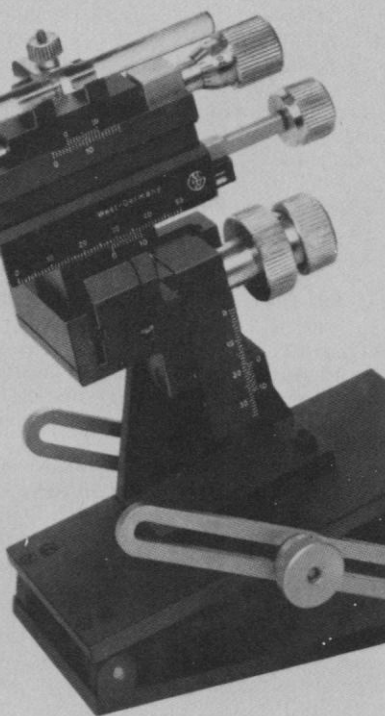


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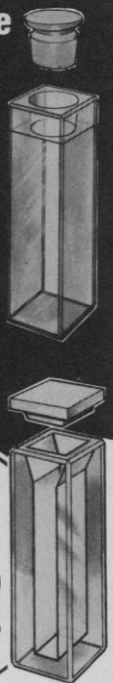


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Okla., 1978. iv, 188 pp., illus. Paper, \$6. SEPM Short Course No. 4.

**Marine Natural Products.** Chemical and Biological Perspectives. Vol. 1. Paul J. Scheuer, Ed. Academic Press, New York, 1978. x, 308 pp., illus. \$29.50.

**Materials Behaviour in Low Gravity Conditions.** Papers from a meeting, Dec. 1976. The Royal Society, London, 1978. pp. 129-264, illus. + plates. Paper, £5.55. Proceedings of the Royal Society, Series A, Vol. 261, No. 1705.

**Mathematics for Technical Occupations.** Dennis Bila, Ralph Bottorff, Paul Merritt, and Donald Ross. Winthrop (Prentice-Hall), Cambridge, Mass., 1978. xviii, 606 pp., illus. Paper, \$14.95.

**Mathematics of Manpower Planning.** S. Vajda. Wiley-Interscience, New York, 1978. x, 206 pp. \$29.

**New Directions in Attribution Research.** Vol. 2. John H. Harvey, William Ickes, and Robert F. Kidd, Eds. Erlbaum, Hillsdale, N.J., 1978 (distributor, Halsted [Wiley], New York). xiv, 402 pp. \$19.95.

**New Medical Schools at Home and Abroad.** Papers from a conference, Oct. 1977. John Z. Bowers and Elizabeth F. Purcell, Eds. Josiah Macy, Jr. Foundation, New York, 1978 (distributor, Independent Publishers Group, Port Washington, N.Y.). viii, 552 pp. Paper, \$10.

**New Worlds in Chemistry.** Martin Sherwood. Basic, New York, 1978. 234 pp., illus. \$10.95. Second edition of *The New Chemistry*.

**Nonlinear Equations in Abstract Spaces.** Proceedings of a symposium, Arlington, Tex., June 1977. V. Lakshmikantham, Ed. Academic Press, New York, 1978. viii, 484 pp. \$24.

**North American Forest Lands at Latitudes North of 60 Degrees.** Proceedings of a symposium, Fairbanks, Alaska, Sept. 1977. University of Alaska School of Agriculture and Land Resources Management, Fairbanks, 1978. iv, 332 pp., illus. Paper.

**Nuclear Power and Nuclear Weapons Proliferation.** Report of the Atlantic Council's Nuclear Fuels Policy Working Group. Atlantic Council of the United States, Washington, D.C., 1978 (distributor, Westview Press, Boulder, Colo.). Two volumes. 140 pp., and 84 pp. Paper. Each volume, \$6. Atlantic Council of the United States Policy Papers. Energy Series.

**Numbering the People.** The Eighteenth-Century Population Controversy and the Development of Census and Vital Statistics in Britain. D. V. Glass. Gordon and Cremonesi, London, 1978 (U.S. distributor, Atheneum, New York). 206 pp., illus. Paper, \$7.95.

**Occurrence, Diagnosis, and Sources of Hospital-Associated Infections.** Willson J. Fahlberg and Dieter Gröschel, Eds. Dekker, New York, 1978. x, 138 pp. \$16.75. Handbook on Hospital-Associated Infections, 1.

**On Human Nature.** Edward O. Wilson. Harvard University Press, Cambridge, Mass., 1978. xii, 260 pp. \$12.50.

**Ophthalmic Microsurgery.** Papers from a workshop, Singapore, May 1977. S. S. Ratnam and five others, Eds. Karger, Basel, 1978. viii, 228 pp., illus. \$64.25. Advances in Ophthalmology, vol. 37.

**Paleoneurology.** Veronika I. Kochetkova. Translated from the Russian edition. Harry J. Jerison and Irene Jerison, Eds. Winston, Washington, D.C., and Halsted (Wiley), New York, 1978. viii, 340 pp., illus. \$24.95. Scripta Series in Biobehavioral Sciences.

**Parasitic Protozoa.** Vol. 2, Intestinal Flagellates, Histomonads, Trichomonads, Amoeba,

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Opalinids, and Ciliates. Julius P. Kreier, Ed. Academic Press, New York, 1978. xvi, 730 pp., illus. \$65.

**Physicochemical Applications of Gas Chromatography.** Richard J. Laub and Robert L. Pecsok. Wiley-Interscience, New York, 1978. xxii, 300 pp., illus. \$23.50.

**The Potato Crop.** The Scientific Basis for Improvement. P. M. Harris, Ed. Chapman and Hall, London, and Halsted (Wiley), New York, 1978. xxii, 730 pp., illus. \$60.

**Proceedings from the Symposium on Gastric Ion Transport.** Uppsala, Sweden, July 1977. K. J. Öbrink and G. Flemström, Eds. University of Uppsala, Uppsala, 1978 (distributor, Almqvist & Wiksell, Stockholm). 434 pp., illus. Paper, Sw.kr. 120. Also published as a special supplement to *Acta Physiologica Scandinavica*.

**Proceedings of the First International Symposium on Drying.** Montreal, Aug. 1978. A. S. Mujumdar, Ed. Science Press, Princeton, N.J., 1978. vi, 254 pp., illus. \$25.

**Products Liability and the Reasonably Safe Product.** A Guide for Management, Design, and Marketing. Alvin S. Weinstein, Aaron D. Twerski, Henry R. Piehler, and William A. Donaher. Wiley-Interscience, New York, 1978. xviii, 324 pp. \$19.50.

**Protective Relays.** Their Theory and Practice. Vol. 2. A. R. van C. Warrington. Chapman and Hall, London, and Halsted (Wiley), New York, ed. 3, 1978. xiv, 434 pp., illus. \$30.

**Psi Search.** Norma Bowles and Fran Hynds with Joan Maxwell. Harper and Row, New York, 1978. viii, 168 pp., illus. Paper, \$6.95.

**Psychoanalysis, Psychotherapy and the New England Medical Scene, 1894-1944.** Papers from a symposium, Boston, Apr. 1973. George E. Gifford, Jr., Ed. Science History Publications (Neale Watson), New York, 1978. xxiv, 438 pp. \$35; prepaid, \$28.

**Reactions and Reason.** An Introductory Chemistry Module. Gordon Atkinson and Henry Heikkinen. Harper and Row, New York, ed. 2, 1978. vi, 106 pp., illus. Paper, \$2.49. Interdisciplinary Approaches to Chemistry.

**Reality Revealed.** The Theory of Multidimensional Reality. Douglas Vogt and Gary Sultan. Vector Associates, San Jose, Calif., 1978. x, 466 pp., illus. \$12.95.

**Recent Advances in Renal Research.** Contributions from Japan. K. Kobayashi, K. Maeda, and K. Oshima, Eds. Karger, New York, 1978. vi, 128 pp., illus. Paper, \$26.75. Contributions to Nephrology, vol. 9.

**Recent Advances in Ultrasound Diagnosis.** Proceedings of a symposium, Dubrovnik, Yugoslavia, Oct. 1977. A. Kurjak, Ed. Excerpta Medica, Amsterdam, 1978 (U.S. distributor, Elsevier, New York). viii, 332 pp., illus. \$52.25.

**Receptors and Recognition.** Series A. Vol. 5. P. Cuatrecasas and M. F. Greaves, Eds. Chapman and Hall, London, and Halsted (Wiley), New York, 1978. x, 212 pp., illus. \$22.50.

**A Renormalization Group Analysis of the Hierarchical Model in Statistical Mechanics.** Pierre Collet and Jean-Pierre Eckmann. Springer-Verlag, New York, 1978. iv, 200 pp. Paper, \$11. Lecture Notes in Physics, vol. 74.

**Report: Commission for the Control of Huntington's Disease and Its Consequences.** National Institute of Neurological and Communicative Disorders and Stroke, National Institutes of Health, Bethesda, Md., 1977. Vol. 1, Overview. I, 126 pp., illus. Paper. Vol. 2, Technical Report. vi, 620 pp. Paper.

**The Rigged Hilbert Space and Quantum Mechanics.** A Böhm. Springer-Verlag, New York, 1978. x, 72 pp. Paper, \$8. Lecture Notes in Physics, vol. 78.

**Scale and Social Organization.** Papers from a symposium, Burg Wartenstein. Fredrik Barth, Ed. Universitetsforlaget, Oslo, 1978 (U.S. distributor, Columbia University Press, New York). 292 pp. Paper, \$20.

**Scanning Electron Microscopy/1978.** An International Review of Advances in Instrumentation, Techniques, Theory and Physical Applications of the Scanning Electron Microscope. Om Johari, Ed. Scanning Electron Microscopy, P.O. Box 66507, AMF O'Hare, Ill., 1978. Two volumes. xiv, 898 pp., illus.; and xviii, 1134 pp., illus. Each volume, \$61.50.

**Secondary Spread of Cancer.** R. W. Baldwin, Ed. Academic Press, New York, 1978. xii, 244 pp., illus. \$25.65.

**Semisynthetic Peptides and Proteins.** Papers from a meeting, Bressanone-Brixen, Italy, Sept. 1977. R. E. Offord and C. Di Bello, Eds. Academic Press, New York, 1978. xiv, 400 pp., illus. \$22.50.

**The Sexual Connection.** Mating the Wild Way. John Sparks. McGraw-Hill, New York, 1978. iv, 152 pp., illus. \$8.95.

**The Shorter Science and Civilisation in China.** An Abridgement of Joseph Needham's Original Text. Vol. 1. Volumes I and II of the Major Series. Colin A. Ronan. Cambridge University Press, New York, 1978. xii, 326 pp., illus. \$19.95.

**Simulation of Ecological Processes.** C. T. de Wit and J. Goudriaan. Halsted (Wiley), New York, ed. 2, 1978. viii, 176 pp., illus. Paper, \$15.95. Simulation Monographs.

**Structure of Eukaryotic Chromosomes and Chromatin.** Papers from a meeting, Feb. 1977. The Royal Society, London, 1978. pp. 231-416, illus. + plates. Paper, £16.80. Philosophical Transactions of the Royal Society of London, Series B, No. 997.

**Structure Reports for 1975.** Vol. 41A, Metals and Inorganic Compounds. J. Trotter and L. D. Calvert, Eds. Published for the International Union of Crystallography by Bohn, Scheltema & Holkema, Utrecht, The Netherlands, 1977. viii, 478 pp., illus. Dfl. 150.

**The Traditional Pottery of Guatemala.** Ruben E. Reina and Robert M. Hill, II. University of Texas Press, Austin, 1978. xxii, 300 pp., illus. + plates. \$30.

**The Tropical Tuber Crops.** Yams, Cassava, Sweet Potato, and Cocoyams. I. C. Onwueme. Wiley, New York, 1978. xiv, 234 pp., illus. Cloth, \$25.50; paper, \$12.50.

**U.S. Science and Technology for Development.** A Contribution to the 1979 U.N. Conference. Prepared by the National Research Council. Department of State, Washington, D.C., 1978 (available from the Superintendent of Documents, Washington, D.C.). xviii, 212 pp. Paper, \$3.50.

**Ventures in World Health.** The Memoirs of Fred Lowe Soper. John Duffy, Ed. Pan American Health Organization, Washington, D.C., 1977. xiv, 366 pp., illus. Paper, \$10. Scientific Publication No. 355.

**Water in Synthetic Fuel Production.** The Technology and Alternatives. Ronald F. Probststein and Harris Gold. MIT Press, Cambridge, Mass., 1978. xiv, 296 pp., illus. Cloth, \$15; paper, \$9.95.

**Why I Left Canada.** Reflections on Science and Politics. Leopold Infeld. Translated from the Polish by Helen Infeld. Lewis Pyenson, Ed. McGill-Queen's University Press, Montreal, 1978. xii, 212 pp., illus. \$16.95.

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