sues in Culture as a source of information and, on the whole, sound advice.

In a concluding chapter Leonard Franks writes that the symposium papers "perhaps ... illustrate that, as with electron microscopy, the technique has come of age. Possibly this is the last Symposium which should be concerned with the method, and organ culture should be regarded now as a standard method which can be applied to almost any biological problem." If "coming of age" implies realistic assessment of potential, achievement of some objectives, and recognition and acceptance of some inherent limitations, then this book indeed demonstrates that organ culture has achieved its majority and stands on the threshold of a vigorous adult life.

MARGARET H. HARDY Department of Biomedical Sciences, University of Guelph, Guelph, Canada

Books Received

Advanced Calculus for Applications. Francis B. Hildebrand. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1976. xvi, 734 pp. \$16.50.

Advances in American Medicine. Essays at the Bicentennial. John Z. Bowers and Elizabeth F. Purcell, Eds. Josiah Macy, Jr., Foundation, New York, 1976. Two volumes, illus. x + pp. 1-458 and vii + pp. 459-918.\$25.

An Analysis of Effigy Mound Complexes in Wisconsin. William M. Hurley. University of Michigan Museum of Anthropology, Ann Arbor, 1975. xiv, 414 pp., illus. + plates. Paper, \$8. Anthropological Papers, No. 59.

Aphid Parasites (Hymenoptera, Aphidiidae) of the Mediterranean Area. Petr Starý. Junk, The Hague, and Academia, Prague, 1976. 96 pp., illus. + plates. Paper, Dfl. 30.

The Best-Laid Schemes. A Tale of Social Research and Bureaucracy. Seymour J. Deitchman. MIT Press, Cambridge, Mass., 1976. xvi, 484 pp. \$14.95.

Biological Control of Water Pollution. Papers from a conference, Philadelphia. Joachim Tourbier and Robert W. Pierson, Jr., Eds. University of Pennsylvania Press, Philadelphia, 1976. x, 340 pp., illus. Paper, \$20.

Biological Foundations of Psychiatry. Robert G. Grenell and Sabit Gabay, Eds. Raven, New York, 1976. Two volumes, illus. Vol. 1. xxiv + pp. 1–590. Vol. 2. xxiv + pp. 591–1044. Each volume, \$35.

The Book of the It. George Groddeck. Translated from the German edition (Vienna, 1923). International Universities Press, New York, 1976. xxx, 346 pp. \$17.50. Cancer Biology. Vol. 2, Etiology and Thera-

Cancer Biology. Vol. 2, Etiology and Therapy. Papers from a meeting, Aspen, Colo., July 1975. Cecilia M. Fenoglio and Donald West King, Eds. Statton, New York, 1976. viii, 132 pp., illus. Paper, \$10.50.

Catecholamines and Stress. Proceedings of a symposium, Bratislava, Czechoslovakia, July 1975. Earl Usdin, Richard Kvetňanský, and Irwin J. Kopin, Eds. Pergamon, New York, 1976. xvi, 632 pp., illus. \$50.

Cell Surface Receptors. Proceedings of a

conference, Squaw Valley, Calif., Mar. 1975. Garth L. Nicholson, Michael A. Raftery, Martin Rodbell, and C. Fred Fox, Eds. Liss, New York, 1976. xiv, 520 pp., illus. \$42.50. Progress in Clinical and Biological Research, vol. 8. Reprinted from *Journal of Supramolecular Structure*, vol. 4.

Cell Surfaces and Malignancy. Proceedings of a workshop, Bethesda, Md., Sept. 1974. Peter T. Mora, Ed. National Institutes of Health, Bethesda, Md., 1975 (available from the Superintendent of Documents, Washington, D.C.). xvi, 294 pp., illus. \$5.60. Fogarty International Center Proceedings No. 24.

The Cerebral Vessel Wall. Proceedings of a symposium, Berlin, Mar. 1975. J. Cervós-Navarro, E. Betz, F. Matakas, and R. Wüllenweber, Eds. Raven, New York, 1976. xiv, 274 pp., illus. \$22.

Climates of Central and South America. Werner Schwerdtfeger, Ed. Elsevier, New York, 1976. xii, 532 pp., illus. \$88.50. World Survey of Climatology, vol. 12.

Collected Works of Robert T. Jones. NASA Ames Research Center, Moffett Field, Calif., 1976 (available from the National Technical Information Service, Springfield, Va.). xvi, 1026 pp., illus. \$15.25. NASA TM X-3334.

Collective Behavior. A Bibliography. Denton E. Morrison and Kenneth E. Hornback with the assistance of Virginia Bemis and seven others. Garland, New York, 1976. xxiv, 534 pp. \$40. Garland Reference Library of Social Science, vol. 15.

College Chemistry with Qualitative Analysis. William H. Nebergall, Frederic C. Schmidt, and Henry F. Holtzclaw, Jr. Heath, Lexington, Mass., ed. 5, 1976. xxii, 1058 pp., illus. + index. \$14.95.

The Coming of Post-Industrial Society. A Venture in Social Forecasting. Daniel Bell. Basic, New York, 1976. xxviii, 508 pp. Paper, \$4.95. Reprint with new introduction of 1973 edition.

Comparative Analysis of the 1976 ERDA Plan and Program. U.S. Congress Office of Technology Assessment, Washington, D.C., 1976 (available from the Superintendent of Documents, Washington, D.C.). x, 204 pp. Paper, \$2.80.

The Connecticut River Ecological Study. The Impact of a Nuclear Power Plant. Daniel Merriman and Lyle M. Thorpe, Eds. American Fisheries Society, Washington, D.C., 1976. xii, 252 pp., illus. Paper, \$8. American Fisheries Society Monograph No. 1.

The Conquest of Will. Information Processing in Human Affairs. Abbe Mowshowitz. Addison-Wesley, Reading, Mass., 1976. xvi, 366 pp. Paper, \$8.95.

Content Addressable Parallel Processors. Caxton C. Foster. Van Nostrand Reinhold, New York, 1976. xvi, 234 pp., illus. \$11.95. Computer Science Series.

Control of Ribosome Synthesis. Proceedings of a symposium, Copenhagen, June 1975. Niels Chr. Kjeldgaard and Ole Maaløe, Eds. Munksgaard, Copenhagen, and Academic Press, New York, 1976. 466 pp., illus. \$42. Alfred Benzon Symposium, 9.

The Correspondence of Isaac Newton. Vol. 6, 1713–1718. A. Rupert Hall and Laura Tilling, Eds. Published for the Royal Society by Cambridge University Press, New York, 1976, xl, 500 pp., illus. \$65.

The Demographic Evolution of Human Populations. R. H. Ward and K. M. Weiss, Eds. Academic Press, New York, 1976. xii, 158 pp., illus. Paper, \$12.25.

The Determination and Interpretation of Molecular Wave Functions. Erich Steiner. Cambridge University Press, New York, 1976. viii, 206 pp., illus. \$27. Cambridge Monographs in Physical Chemistry, 3.

Dictionary of Geological Terms. The American Geological Institute. Anchor/Doubleday, Garden City, N.Y., 1976. viii, 472 pp. Paper, \$3.50. Revised edition of *Glossary of Geology* (1972).

Dinosaurs of the Southwest. Ronald Paul Ratkevich. Illustrations by John C. McLoughlin. University of New Mexico Press, Albuquerque, 1976. xiv, 116 pp. Cloth, \$9.95; paper, \$3.95.

Disaster Technology. An Annotated Bibliography. Diana H. Manning. Pergamon, New York, ed. 2, 1976. vi, 282 pp. Cloth, \$21; paper, \$15.

Disintegration and Political Action. The Changing Functions of City Governments in America. Roland J. Liebert. Academic Press, New York, 1976. xii, 226 pp. \$12. Quantitative Studies in Social Relations.

Dynamics of a Changing World. Essays on Philosophy, Sociology, and Cosmology, Astrology and Parapsychology as Sciosophic Sciences. J. C. da Nobrega. Vantage, New York, 1976. xiv, 110 pp. \$4.50.

The Dynamics of Nuclear Balance. Albert Legault and George Lindsey. Cornell University Press, Ithaca, N.Y., ed. 2, 1976. 284 pp. \$14.50.

Earth Science at Crisis. Harvey Cardwell. Vantage, New York, 1976. xvi, 58 pp. \$4.95.

The Effect of Vehicle Characteristics on Road Accidents. I. S. Jones. Pergamon, New York, 1976. xiv, 220 pp., illus. \$18.50.

The Electronic Battlefield. Paul Dickson. Indiana University Press, Bloomington, 1976. x, 244 pp., illus. \$10.

Elementary Statistics. Janet T. Spence, John W. Cotton, Benton J. Underwood, and Carl P. Duncan. Prentice-Hall, Englewood Cliffs, N.J., ed. 3, 1976. vi, 282 pp., illus. \$9.95. Century Psychology Series.

Elements of Anatomy and Physiology. Stanley W. Jacob and Clarice Ashworth Francone. Saunders, Philadelphia, 1976. x, 252 pp., illus. Paper, \$6.75.

Energy Resources and the Environment. John Lenihan and William W. Fletcher, Eds. Academic Press, New York, 1976. xii, 194 pp., illus. \$14.50. Environment and Man, vol.

Engineering Mechanics. Lawrence E. Malvern. Prentice-Hall, Englewood Cliffs, N.J., 1976. Two volumes, illus. Vol. 1, Statics. x, 302 pp. + appendices. Vol. 2, Dynamics. xii + pp. 303–666 + appendices. Each volume, \$14.95.

Environmental Impact of Nuclear Power Plants. Proceedings of a conference, Atlanta, Ga., Nov. 1974. R. A. Karam and Karl Z. Morgan, Eds. Pergamon, New York, 1976. x, 546 pp., illus. \$35. Georgia Institue of Technology Series in Nuclear Engineering.

Environmental Interaction. Psychological Approaches to Our Physical Surroundings. David Canter and Peter Stringer with Ian Griffiths, Peter Boyce, David Walters, and Cheryl Kenny. International Universities Press, New York, 1976. x, 374 pp., illus. \$20.

Evolution Individuelle et Evolution Collective. Ou Qu'est-ce Qu'un Pays Adulte? Etienne Got. Maloine, Paris, and Doin, Paris, 1976. 312 pp. Paper, 80 F. Recherches Interdisciplinaries.

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Evolution of Crop Plants. N. W. Simmonds, Ed. Longman, New York, 1976. xii, 340 pp., illus. \$35

An In-Experimentation in Biology. troduction to Design and Analysis. W. J. Ridgman. Halsted (Wiley), New York, 1976. x, 234 pp. Paper, \$10.95. Tertiary Level Biology.

Festkörperphysik. Konrad Kreher. Vieweg, Braunschweig, Germany, 1976. 224 pp., illus. DM 22.80. Reihe Wissenschaft.

Financial Analysis and Business Decisions on the Pocket Calculator. Jon M. Smith. Wiley-Interscience, New York, 1976. xxiv, 318 pp., illus. \$12.95. Wiley Series on Systems and Controls for Financial Management.

First Inter-American Conference on Conservation and Utilization of American Nonhuman Primates in Biomedical Research. Lima, Peru, June 1975. Pan American Health Organization, Washington, D.C., 1976. xx, 252 pp., illus. Paper, \$8. Scientific Publication No. 317.

From Neuron to Brain. A Cellular Approach to the Function of the Nervous System. Stephen W. Kuffler and John G. Nicholls. Sinauer, Sunderland, Mass., 1976. xiv, 490 pp., illus. Cloth, \$18; paper, \$12.

Fundamentals of Complex Analysis for Mathematics, Science, and Engineering. E. B. Saff and A. D. Snider. Prentice-Hall, Englewood Cliffs, N.J., 1976. xvi, 444 pp., illus. \$18.75. Fundamentals of Finite Mathematics. Rob-

ert L. Childress. Prentice-Hall, Englewood Cliffs, N.J., 1976. xvi, 544 pp., illus. \$12.95.

Gardening with Perennials. Month by Month. Joseph Hudak. Quadrangle (New York Times), New York, 1976. xvi, 398 pp., illus. + plates. \$12.50. A Demeter Press Book.

General Chemistry. William H. Nebergall, Frederic C. Schmidt, and Henry F. Holtzclaw, Jr. Heath, Lexington, Mass., ed. 5, 1976. xxii, 986 pp., illus. + index. \$14.95.

Genetic Diversity and Human Equality. Theodosius Dobzhansky. Basic, New York, 1976. xii, 128 pp. Paper, \$3.95. The John Dewey Lecture, No. 13. Reprint of the 1973 edition.

Geologic Time. Don L. Eicher. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1976. viii, 152 pp., illus. Cloth, \$7.95; paper, \$4.25. The Prentice-Hall Foundations of Earth Science Series.

The Great Instauration. Science, Medicine and Reform 1626-1660. Charles Webster. Holmes and Meier, New York, 1976. xvi, 630 pp. \$29.50.

The Handling of Chromosomes. C. D. Darlington and L. F. La Cour. Revised by L. F. La Cour. Halsted (Wiley), New York, ed. 6, 1976. 202 pp. + plates. \$14.50.

Health and the Environment. John Lenihan and William W. Fletcher, Eds. Academic Press, New York, 1976. x, 166 pp., illus. \$14.50. Environment and Man, vol. 3.

Herbicides. Chemistry, Degradation, and Mode of Action. Vol. 2. P. C. Kearney and D. D. Kaufman, Eds. Dekker, New York, ed. 2, 1976. xiv + pp. 501-1036. \$37.50.

Heteroaromatic Nitrogen Compounds. The Azoles. K. Schofield, M. R. Grimmett, and B. R. T. Keene. Cambridge University Press, New York, 1976. x, 438 pp., illus. \$49.50.

Historia de la Etnología: Los Evolucionistas. Angel Palerm. Centro de Investigaciones Superiores, Instituto Nacional de Antropología

SCIENCE, VOL. 193

e Historia, Tlalpan, Mexico, 1976. 214 pp. Paper, \$5. Historia de la Etnología, 2.

Horizons in Clinical Pharmacology. Papers from a symposium, Miami. Roger F. Palmer, Ed. Dekker, New York, 1976. viii, 260 pp., illus. \$24.50. Modern Pharmacology-Toxicology, vol. 6.

How to Solve General Chemistry Problems. C. H. Sorum and R. S. Boikess. Prentice-Hall, Englewood Cliffs, N.J., ed. 5, 1976. xiv, 302 pp. Paper, \$5.95.

The Human Pedigree. Anthony Smith. McGraw-Hill, New York, 1976. 308 pp. Paper, \$3.95. Reprint of the 1975 edition.

In Search of Noah's Ark. Dave Balsiger and Charles E. Sellier, Jr. Sun Classic Books, Los Angeles, 1976. vi, 218 pp. + plates. Paper, \$1.95.

Information Systems. Robert W. Llewellyn. Prentice-Hall, Englewood Cliffs, N.J., 1976. xvi, 348 pp., illus. \$14.95. Inorganic Biochemistry. Springer-Verlag,

Inorganic Biochemistry. Springer-Verlag, New York, 1976. iv, 228 pp., illus. \$27.90. Topics in Current Chemistry, vol. 64.

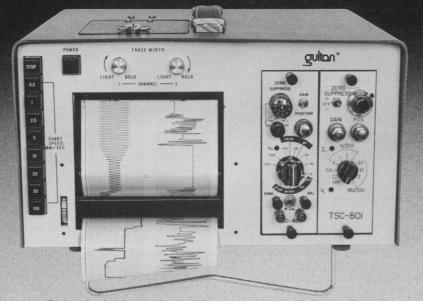
Intercellular Communication in Plants. Studies on Plasmodesmata. B. E. S. Gunning and A. W. Robards, Eds. Springer-Verlag, New York, 1976. xvi, 390 pp., illus. \$29.60.

International Zoo Yearbook. Vol. 16. P. J. S. Olney, Ruth Biegler, and Pat Ellis, Eds. Zoological Society of London, London, 1976. xii, 484 pp., illus. Cloth, \$26.40; paper, \$19.80.

Interplanetary Dust and Zodiacal Light. Proceedings of a colloquium, Heidelberg, Germany, June 1975. H. Elsässer and H. Fechtig, Eds. Springer-Verlag, New York, 1976. xii, 498 pp., illus. Paper, \$16. Lecture Notes in Physics, vol. 48.

The Intrapsychic Self. Feeling and Cognition in Health and Mental Illness. Silvano Arieti. Basic, New York, 1976. xvi, 350 pp. Paper, \$4.95. Abridgment of 1967 edition.

Japanese International Biological Program. University of Tokyo Press, Tokyo, 1975 (U.S. distributor, International Scholarly Book Services, Forest Grove, Ore.). 13 vols., illus. Vol. 1, Comparative Studies on Human Adaptability of Japanese, Caucasians and Japanese Americans. S. M. Horvath, S. Kondo, H. Matsui, and H. Yoshimura, Eds. xii, 184 pp. (Human Adaptability, vol. 1.) Vol. 2, Anthropological and Genetic Studies on the Japanese. S. Watanabe, S. Kondo, and E. Matsunaga, Eds. x, 338 pp. (Human Adaptability, vol. 2.) Vol. 3, Physiological Adaptability and Nutritional Status of the Japanese, Part A. H. Yoshimura and S. Kobayashi, Eds. xii, 276 pp. (Human Adaptability, vol. 3.) Vol. 4, Physiological Adaptability and Nutritional Status of the Japanese, Part B. K. Asahina and R. Shigiya, Eds. x, 250 pp. (Human Adaptability, vol. 3.) Vol. 5, Gene Con-servation. T. Matsuo, Ed. xvi, 230 pp. (Use and Management of Biological Resources, vol. 1.) Vol. 6, Adaptability in Plants. T. Matsuo, Ed. x, 218 pp. (Use and Management of Biological Resources, vol. 2.) Vol. 7, Approaches to Biological Control. K. Yasumatsu and H. Mori, Eds. viii, 142 pp. (Use and Management of Biological Resources, vol. 3.) Vol. 8, Studies in Conservation of Natural Terrestrial Ecosystems in Japan, Part 1. M. Numata, K. Yoshioka, and M. Kato, Eds. x, 158 pp. Vol. 9, Studies in Conservation of Natural Terrestrial Ecosystems in Japan, Part 2. M. Numata, K. Yoshioka, and M. Kato, Eds. viii, 92 pp. Vol. 10, Productivity of Communities in Japanese Inland Waters. S. Mori and G. Yamamoto, Eds. viii, 436 pp. Vol. 11, Inkless writing is one good reason why a Gulton chart recorder is your best buy



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Crop Productivity and Solar Energy Utilization in Various Climates in Japan. Y. Murata, Ed. x, 244 pp. (Production Processes, vol. 1.) Vol. 12, Nitrogen Fixation and Nitrogen Cycle. H. Takahashi, Ed. viii, 162 pp. (Production Processes, vol. 3.) Vol. 13, Ecological Studies in Japanese Grasslands. M. Numata, Ed. xii, 276 pp. The 13-volume set, paper, \$230.

Keeping Reptiles and Amphibians. Alfred Leutscher. Scribner, New York, 1976. 164 pp., illus. \$7.95.

Land-Grant Universities and Their Continuing Challenge. G. Lester Anderson, Ed. Michigan State University Press, East Lansing, 1976. viii, 354 pp. + tables. \$15.

Landscaping the Saudi Arabian Desert. Kathleen Kelly and R. T. Schnadelbach. Delancey Press, Philadelphia, 1976. x, 182 pp., illus. \$22.50.

Making Inequality. The Hidden Curriculum of High School Tracking. James E. Rosenbaum. Wiley-Interscience, New York, 1976. xviii, 238 pp. \$13.95.

The Management of Respiratory Care Services. Roman L. Yanda. Projects in Health, New York, 1976. vi, 248 pp. Spiral bound, \$14.50.

Maternofoetal Transmission of Immunoglobulins. Proceedings of a symposium, Bangor, Wales. W. A. Hemmings, Ed. Cambridge University Press, New York, 1976. xx, 462 pp., illus. \$29.50. Clinical and Experimental Immunoreproduction, 2.

Mathematical Models for Environmental Problems. Proceedings of a conference, Southampton, England, Sept. 1975. C. A. Brebbia, Ed. Halsted (Wiley), New York, 1976. viii, 538 pp., illus. \$39.50.

The Measurement of Interpersonal Values. Leonard V. Gordon. Science Research Associates, Chicago, 1975. xii, 122 pp. Cloth, \$9.50; paper, \$6.50.

Men Who Dared the Sea. The Ocean Adventures of the Ancient Mariners. Gardner Soule. Crowell, New York, 1976. x, 262 pp., illus. \$9.95.

Methods for Ecological Bioenergetics. W. Grodzinski, R. Z. Klekowski, and A. Duncan, Eds. Blackwell, Oxford, England, 1975 (U.S. distributor, Lippincott, Philadelphia). xiv, 368 pp., illus. Paper, \$24. IBP Handbook No. 24.

Methods in Experimental Biology. Robert Ralph. Halsted (Wiley), New York, 1976. viii, 142 pp., illus. Paper, \$7.95. Tertiary Level Biology.

The Microbial World. Roger Y. Stanier, Edward A. Adelberg, and John L. Ingraham. Prentice-Hall, Englewood Cliffs, N.J., ed. 4, 1976. xx, 872 pp., illus. \$19.95.

Microbiological Laboratory Techniques. Arnold I. Miller. Heath, Lexington, Mass., 1976. xvi, 234 pp., illus. Spiral bound, \$7.95.

Middle Mississippi Exploitation of Animal Populations. Bruce D. Smith. University of Michigan Museum of Anthropology, Ann Arbor, 1975. xii, 234 pp., illus. Paper, \$4. Anthropological Papers, No. 57.

Occupational Safety, Health and Fire Index. A Source Guide to Voluntary and Obligatory Regulations, Codes, Standards and Publications. David E. Miller. Dekker, New York, 1976. Unpaged. \$35. Occupational Safety and Health, 1.

Ökonomische Gesetze des Sozialismus und ihre Ausnutzung. Teil 3. Proceedings of a meeting, Berlin, June 1974. Helmut Koziolek, Ed. Akademie-Verlag, Berlin, 1975. 296 pp. Paper, 18 M. Sitzungberichte der Akademie der Wissenschaften der DDR, 12/3. Personality and Educational Achievement. F. D. Naylor. Wiley, New York, 1976. viii, 162 pp. Paper, \$3.50. Educational Achievement.

The Philosophy of Karl Popper. Robert John Ackermann. University of Massachusetts Press, Amherst, 1976. xii, 212 pp. \$15.

Poly(ethylene Oxide). F. E. Bailey, Jr., and J. V. Koleske. Academic Press, New York, 1976. x, 174 pp., illus. \$13.

Polypeptide Hormones. Molecular and Cellular Aspects. Proceedings of a symposium, London, July 1975. Elsevier/Excerpta Medica/North-Holland, New York, 1976. xii, 388 pp., illus. \$27.75. Ciba Foundation Symposium 41 (new series).

Precipitation History of the Rocky Mountain States. Raymond S. Bradley. Westview Press, Boulder, Colo., 1976. xxii, 334 pp., illus. \$13.50. Westview Special Studies: Institute for Arctic and Alpine Research—Studies in High Altitude Geo-Ecology.

Preventive Medicine USA. Health Promotion and Consumer Health Education. A Task Force Report sponsored by the John E. Fogarty International Center and the American College of Preventive Medicine. PRODIST (Neale Watson), New York, 1976. viii, 256 pp. Paper, \$4.95.

Primate Atherosclerosis. G. A. Gresham. Karger, Basel, 1976. viii, 102 pp., illus. Paper, \$20. Monographs on Atherosclerosis, vol. 7.

The Principles and Techniques of Engineering Estimating. Granville Calder. Pergamon, New York, 1976. x, 168 pp., illus. Paper, \$6.

Principles of Seed Science and Technology. L. O. Copeland. Burgess, Minneapolis, 1976. xiv, 370 pp., illus. \$14.95.

Proceedings of the Wingspread Conference on Advanced Converters and Near Breeders. Racine, Wis., May 1975. Pergamon, New York, 1976. x + pp. 689–850, illus. \$20. Reprinted from *Annals of Nuclear Energy*, vol. 2, Nos. 11/12.

Professionals in Chemistry: 1975. American Chemical Society, Washington, D.C., 1976. viii, 120 pp. Paper, \$10; to members, \$5.

Progress in Fatigue and Fracture. Freudenthal Anniversary Volume. Harold Liebowitz, Ed. Pergamon, New York, 1976. vi, 300 pp., illus. \$35. Originally published as a special issue of *Engineering Fracture Mechanics*, vol. 8, No. 1.

Progress in Toxicology. Special Topics. Vol. 2. Gerhard Zbinden. Springer-Verlag, New York, 1976. vi, 120 pp., illus. \$7.40.

The Psychology of Teaching Methods. The Seventy-fifth Yearbook of the National Society for the Study of Education, Part 1. N. L. Gage, Ed. National Society for the Study of Education, Chicago, 1976 (distributor, University of Chicago Press, Chicago). xii, 436 pp. \$13.

Radio and Microwave Spectroscopy. David J. E. Ingram. Halsted (Wiley), New York, 1976. viii, 168 pp., illus. \$12.95.

Review of Research in Education. Vol. 3. Fred N. Kerlinger, Ed. Published for the American Educational Research Association by Peacock, Itasca, Ill., 1975. vi, 306 pp. \$13.50.

Russell W. Porter. Arctic Explorer, Artist, Telescope Maker. Berton C. Willard. Bond Wheelwright, Freeport, Me., 1976. xiv, 274 pp., illus. \$12.50.

Science and Civilisation in China. Vol. 5, Chemistry and Chemical Technology. Part 3, Spagyrical Discovery and Invention: Historical Survey, from Cinnabar Elixirs to Synthetic Insulin. Joseph Needham with the collabo-

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ration of Ho Ping-Yü and Lu Gwei-Djen. Cambridge University Press, New York, 1976. xxxvi, 482 pp. illus. + plates. \$42.

Science and Epilepsy. Neuroscience Gains in Epilepsy Research. James L. O'Leary and Sidney Goldring. Raven, New York, 1976. xvi, 288 pp., illus. \$18.50.

Scientific and Engineering Problem-Solving with the Computer. William Ralph Bennett, Jr. Prentice-Hall, Englewood Cliffs, N.J., 1976. xxii, 458 pp., illus. \$17.95. Prentice-Hall Series in Automatic Computation.

Seri Prehistory. The Archaeology of the Central Coast of Sonora, Mexico. Thomas Bowen. University of Arizona Press, Tucson, 1976. 120 pp., illus. Paper, \$4.95. Anthropological Papers of the University of Arizona, No. 27.

Sex, Society, and History. Vern L. Bullough. Science History Publications (Neale Watson), New York, 1976. x, 186 pp. Cloth, \$10; paper, \$4.95.

Sexuality, Pairing, and Family Forms. Duane Windemiller. Winthrop, Cambridge, Mass., 1976. xii, 412 pp., illus. \$10.95.

The Sirius Mystery. Robert K. G. Temple. St. Martin, New York, 1976. xiv, 290 pp., illus. + plates. \$10.95.

XVIth International Congress of Logopedics and Phoniatrics. Interlaken, Switzerland, Aug. 1974. E. Loebell, Ed. Karger, Basel, 1976. xiv, 550 pp., illus. \$72.75.

Sleep, Nutrition and Mood. A. H. Crisp and E. Stonehill. Wiley, New York, 1976. x, 174 pp., illus. \$15.95.

Solid State Pulse Circuits. David A. Bell. Reston (Prentice-Hall), Reston, Va., 1976. xii, 434 pp., illus. \$16.95.

The Space-Gods Revealed. A Close Look at the Theories of Erich von Däniken. Ronald Story. Harper and Row, New York, 1976. xx, 140 pp., illus. \$7.95.

Steel Production. Processes, Products, and Residuals. Clifford S. Russell and William J. Vaughan. Published for Resources for the Future by Johns Hopkins University Press, Baltimore, 1976. xx, 328 pp. \$16.50.

Strange Artifacts. A Sourcebook on Ancient Man. Vol. M-2. Compiled by William R. Corliss. The Sourcebook Project, Glen Arm, Md., 1976. vi, 288 pp., illus. In looseleaf binder, \$7.95.

Structured Programming in APL. Dennis P. Geller and Daniel P. Freedman. Winthrop, Cambridge, Mass., 1976. xxii, 324 pp. Paper, \$8.95. Winthrop Computer Systems Series.

Suicidology. Contemporary Developments. Edwin S. Shneidman, Ed. Grune and Stratton, New York, 1976. xviii, 572 pp. \$27.50. Seminars in Psychiatry.

Sweeteners. Issues and Uncertainties. Proceedings of a forum, Mar. 1975. National Academy of Sciences, Washington, D.C., 1975. viii, 260 pp., illus. Paper, \$8.

Les Syndromes de Disconnexion Calleuse chez l'Homme. Papers from a colloquium, Lyon, 1974. F. Michel and B. Schott, Eds. Available from F. Michel, Hôpital Neurologique, Lyon, 1976. 416 pp., illus. cloth.

A System of Complete Medical Police. Selections from Johann Peter Frank. Translated from the third German edition (Vienna, 1786). Erna Lesky, Ed. Johns Hopkins University Press, Baltimore, 1976. xxiv, 470 pp. \$18.50.

A Technology of Reading and Writing. Vol. 1, Learning to Read and Write: A Task Analysis. Donald E. P. Smith. Academic Press, New York, 1976. xii, 164 pp., illus. \$9.95. Educational Psychology.

Theory and Practice of Events Research.

Studies in Inter-Nation Actions and Interactions. Edward E. Azar and Joseph D. Ben-Dak, Eds. Gordon and Breach, New York, 1975. xxii, 304 pp. \$34.50.

A Theory of Group Structures. Kenneth D. Mackenzie. Gordon and Breach, New York, 1976. Two volumes. Vol. 1, Basic Theory. xviii + pp. 1–266, illus. + index. \$17.50. Vol. 2, Empirical Tests. xvi + pp. 267–494, illus. + index. \$15.50. The set, \$28.

The 2 × 2 Game. Anatol Rapoport, Melvin J. Guyer, and David G. Gordon. University of Michigan Press, Ann Arbor, 1976. x, 462 pp., illus. \$14.50.

Umweltbiophysik. Papers from a meeting, Kühlingsborn, Oct. 1973. Roland Glaser, Kurt Unger, and Manfred Koch, Eds. Akademie-Verlag, Berlin, 1976. iv, 316 pp., illus. 74 M. Abhandlungen der Akademie der Wissenschaften der DDR.

Waste Recovery by Microorganisms. Papers from a meeting, Kuala Lumpur, Malaysia, May 1972. Ministry of Education, Malaysia, Kuala Lumpur, 1975 (U.S. distributor, Unipub, New York). xii, 222 pp., illus. Paper, \$12.

Water and Plants. Hans Meidner and David W. Sheriff. Halsted (Wiley), New York, 1976. x, 148 pp., illus. Paper, \$5.95. Tertiary Biology Series.

The Web of Adaptation. Bird Studies in the American Tropics. David W. Snow. Quadrangle (New York Times), New York, 1976. xiv, 176 pp., illus. \$8.95. A Demeter Press Book.

Women and World Development. An Annotated Bibliography. Mayra Buvinić with Cheri S. Adams, Gabrielle S. Edgcomb, and Maritta Koch-Weser. Prepared under the auspices of the American Association for the Advancement of Science and published by Overseas Development Council, Washington, D.C., 1976. xii, 162 pp. Paper, \$2.50.

Women and World Development. Papers from a AAAS seminar, Mexico City, June 1975. Irene Tinker and Michèle Bo Bramsen, Eds. Prepared under the auspices of the American Association for the Advancement of Science and published by Overseas Development Council, Washington, D.C., 1976. xii, 228 pp. Paper, \$3.50.

World Modeling. A Dialogue. C. West Churchman and Richard O. Mason, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1976. xvi, 164 pp., illus. Paper, \$12.50. North-Holland/TIMS Studies in the Management Sciences, vol. 2.

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