

about "culture and social processes" in rural communities. Perhaps not. But, then, even the anthropologists, as Núñez del Prado reveals with admirable frankness, can make mistakes. *And the consequences need not be catastrophic.* Whether one knows these things in great detail is less important, it seems to me, than: (i) the goals and aims of the program, (ii) the political and financial resources of the planners, and (iii), related to ii, the means to subvert the entrenched power that is responsible for the inequities and the injustices of the status quo. And in these respects, applied anthropology functions optimally when it helps the people to know their legal rights and to struggle to extend these rights when they prove in fact to be too restrictive; and, in the words of Kwame Nkrumah, when the people have joined together to "seize . . . the political kingdom."

The applied anthropologist's admonitions to go fast or slow, to beware of this or that sensitivity, taboo, or bias in the local culture may help to reduce frictions in the implementation of the program. But in the longer run it will be government policy and power that determine the nature and scope of agrarian reform in Peru. And there the anthropologist who favors drastic change may make his greatest contribution by leaning more heavily on his humanitarian concern for the lives, welfare, and aspirations of the *indigenes* and on his political savvy than on his professional training and his research experience. He may find that it will bring great benefits to the Indians if he urges them to dare the evil spirits and go ahead with the privies. And if he does not, it is my guess that they will take to the shovels themselves. "There go my people, I must hurry up and follow them for I am their leader."

ROBERT A. MANNERS

Department of Anthropology,
Brandeis University,
Waltham, Massachusetts

Notes

- 1 I am referring here especially to applied anthropology in Third World or other "developing" areas. Anthropology is also "applied" to more homely enterprises such as the prevention of juvenile delinquency, the improvement of relations between nurse and patient in a hospital or between wardens and inmates in a variety of detention settings (prisons, schools, and homes for the handicapped or the aged), and so on.
- 2 Average annual family income "did not exceed \$67" in 1959 (p. 26).
- 3 "The successful use of power and the symbols of power provided a necessary base upon which all of our projects depended" (p. 146).

4. The question of financing and technical assistance for these projects is not discussed.
5. Locale of an applied anthropology project conducted on a rented hacienda in Peru. The project was under the principal supervision of the late Allan Holmberg of Cornell University's Department of Anthropology.
6. This peculiarly Peruvian phenomenon—a military government acting as a "third force between capitalism and Marxism"—is a phenomenon of considerable interest to students of agrarian reform in Latin America. How it will work out eventually—or even why the military seems both willing and able to carry on its program of expropriations (with compensation)—is a complex subject and one that, happily for me, lies outside the scope of this review.

Books Received

Advances in the Biosciences 10. Schering Workshop on Contraception: The Masculine Gender. Berlin, Nov. 1972. Gerhard Raspé and S. Bernhard, Eds. Pergamon. New York, 1973. viii, 332 pp., illus. \$25.

Algebra, with Applications to Physics and Systems Theory. Robert Herman. Published by the author, 18 Gibbs St., Brookline, Mass., 1973. 6 vols., paper, variously pagged. Vol. 1, General Algebraic Ideas. \$7.50. Vol. 2, Linear and Tensor Algebra. \$6.50. Vol. 3, Algebraic Topics of Importance in Systems Theory. \$10. Vol. 4, Energy-Momentum Tensors and Deformation of Metrics. \$8. Vol. 5, Topics in General Relativity. \$9. Vol. 6, Topics in the Mathematics of Quantum Mechanics. \$13.

Annotated Bibliography on Effects of Salinity and Salinity Changes on Life in Coastal Waters. S. H. Hopkins. U.S. Army Engineer Waterways Experiment Station, Vicksburg, Miss., 1973. x, 418 pp.

Applicable Mathematics. A Course for Scientists and Engineers. R. J. Gault, R. F. Hoskins, J. A. Milner, and M. J. Pratt. Macmillan, London, 1973 (U.S. distributor, Crane, Russak, New York). viii, 492 pp., illus. \$12.75.

Archaeological Investigations in the Nepeña Valley, Peru. Donald A. Proulx. Department of Anthropology, University of Massachusetts, Amherst, 1973. xii, 294 pp., illus. Research Reports, No. 13.

An Atlas of Mammalian Chromosomes. Vol. 7. T. C. Hsu and Kurt Benirschke. Springer-Verlag, New York, 1973. 50 folios. \$16.80.

Atlas of Monthly Mean Sea Surface and Subsurface Temperatures in the Gulf of California, Mexico. Margaret K. Robinson. San Diego Society of Natural History, San Diego, Calif., 1973. 98 pp., illus. Paper, \$3. San Diego Society of Natural History Memoirs, No. 5.

The Atmospheric Environment. William R. Frisken. Resources for the Future, Washington, D.C., 1973 (distributor, Johns Hopkins University Press, Baltimore). viii, 68 pp., illus. Paper, \$3.50.

Bacteremia. Laboratory and Clinical Aspects. Alex C. Sonnenwirth, Ed. Thomas, Springfield, Ill., 1973. xiv, 106 pp., illus. \$7.95. American Lecture Series in Clinical Microbiology.

Barrier Islands. Maurice L. Schwartz, Ed. Dowden, Hutchinson, and Ross, Stroudsburg, Pa., 1973. xiv, 452 pp., illus. \$22.

Basic Readings in Neuropsychology. Robert L. Isaacson, Ed. Krieger, Huntington, N.Y., 1973. xiv, 448 pp., illus. Cloth, \$12.50; paper, \$6.50. Reprint of the 1964 edition.

Biology. Its People and Its Papers. Howard B. Baumel and J. Joel Berger. National Science Teachers Association, Washington, D.C., 1973. viii, 104 pp. Cloth, \$4.85; paper, \$3.85.

Calculational Methods for Interacting Arrays of Fissile Material. A. F. Thomas and F. Abbey. Pergamon, New York, 1973. xii, 128 pp., illus. \$13.50. International Series of Monographs in Nuclear Energy, vol. 108.

The Chaining of Prometheus. Evolution of a Power Structure for Canadian Science. F. Ronald Hayes. University of Toronto Press, Toronto, 1973. xx, 218 pp., illus. \$15.

Child Studies through Fantasy. Cognitive-Affective Patterns. Rosalind Gould. Quadrangle, New York, 1972. xxvi, 292 pp. Cloth, \$8.95; paper, \$2.95.

The Child's Discovery of Himself. Clark Moustakas, Ed. Aronson, New York, 1973. xvi, 254 pp. \$10. Originally published as *Existential Child Therapy*, 1966.

Classical Mechanics. T. W. B. Kibble. Halsted (Wiley), New York, ed. 2, 1973. xii, 254 pp., illus. \$13.50. European Physics Series.

Colloque sur l'Ovogenese et la Folliculogenese. Nouzilly, Dec. 1972. Institut National de la Recherche Agronomique, Versailles, France, 1973. 266 pp., illus. + plates. Paper, 160.50 F.

Computerizing a Clinical Laboratory. Jerry K. Aikawa and Edward R. Pinfield. Thomas, Springfield, Ill., 1973. xiv, 96 pp., illus. \$8.75.

Concrete Technology. Vol. 2, Practice. D. F. Orchard. Halsted (Wiley), New York, ed. 3, 1973. xiv, 444 pp., illus. \$32.50.

La Couronne Solaire. Jean-Pierre Rozelet. Doin, Paris, 1973. 144 pp., illus. Paper, 39 F.

Currents in Hadron Physics. V. De Alfaro, S. Fubini, G. Furlan, and C. Rossetti. North-Holland, Amsterdam, and Elsevier, New York, 1973. xxvi, 874 pp., illus. \$97.50.

Dictionary of Architectural Science. Henry J. Cowan. Halsted (Wiley), New York, 1973. xii, 354 pp., illus. Paper, \$10.95.

The Distribution of Air Quality in the New York Region. Jeffrey M. Zupan. Resources for the Future, Washington, D.C., 1973 (distributor, Johns Hopkins University Press, Baltimore). xvi, 88 pp., illus. Paper, \$3.50.

Dominance, Self-Esteem, Self-Actualization. Germinal Papers of A. H. Maslow. Richard J. Lowry, Ed. Brooks/Cole, Monterey, Calif., 1973. x, 208 pp. \$5.95. The A. H. Maslow Series.

Dynamical Systems. Proceedings of a symposium, Salvador, Brazil, July 1971. M. M. Peixoto, Ed. Academic Press, New York, 1973. xviii, 746 pp., illus. \$39.

Encyclopedia of Electrochemistry of the Elements. Vol. 1. Allen J. Bard, Ed. Dek-

(Continued on page 719)

BOOKS RECEIVED

(Continued from page 702)

ker, New York, 1973. xvi, 496 pp., illus. \$60; by subscription, \$50.

Energy Principles in Theory of Structures. T. M. Charlton. Published for the University of Aberdeen by Oxford University Press, New York, 1973. viii, 118 pp., illus. \$8.

The Explanation of Culture Change. Models in Prehistory. Proceedings of a meeting, Sheffield, England, Dec. 1971. Colin Renfrew, Ed. Duckworth, London, and University of Pittsburgh Press, Pittsburgh, 1973. xvi, 788 pp., illus. \$29.95.

The Families of Flowering Plants. J. Hutchinson. Clarendon (Oxford University Press), New York, ed. 3, 1973. xx, 968 pp., illus. \$62.50.

Feeling Alive After 65. The Complete Medical Guide for Senior Citizens and Their Families. Robert B. Taylor. Arlington, New Rochelle, N.Y., 1973. xviii, 232 pp., illus. \$7.95.

Fluorine in Organic Chemistry. R. D. Chambers. Wiley-Interscience, New York, 1973. xviii, 392 pp., illus. \$19.50.

Fortran Codes for Mathematical Programming. Linear, Quadratic and Discrete. A. H. Land and S. Powell. Wiley-Interscience, New York, 1973. xvi, 250 pp., illus. \$14.95.

From Red to Black? The Financial Status of Private Colleges and Universities. William W. Jellema. Jossey-Bass, San Francisco, 1973. xviii, 174 pp., illus. \$8.75. Jossey-Bass Series in Higher Education.

Fundamentals of Mechanics and Heat. Hugh D. Young. McGraw-Hill, New York, ed. 2, 1973. xviii, 654 pp., illus. \$11.95. McGraw-Hill Series in Fundamentals of Physics.

Gas Analysis Instrumentation. A. Verdin. Halsted (Wiley), New York, 1973. xvi, 392 pp., illus. + appendices. \$26.

Green Algae. Vol. 1, Molecular Biology. MSS Information, New York, 1973. 194 pp., illus. \$15. MSS Topics in Ecology Series.

Grzimek's Animal Life Encyclopedia. Bernhard Grzimek, Ed. Vol. 9, Birds III. Bernhard Grzimek, Wilhelm Meise, Günther Niethammer, and Joachim Steinbacher, Eds. Van Nostrand Reinhold, New York, 1973. iv, 648 pp., illus. Each volume, \$29.95; 13-volume set, \$325.

A Guide to Air Quality Monitoring with Lichens. William C. Denison. Illustrated by Sue M. Carpenter. Lichen Technology, Corvallis, Ore., 1973. viii, 40 pp., illus. Paper, \$3.

A Guide to Molecular Pharmacology-Toxicology. Part 2. R. M. Featherstone, Ed. Dekker, New York, 1973. xx + pp. 427-812, illus. \$27.75.

Handbook of Sensory Physiology. Vol. 2, Somatosensory System. Ainsley Iggo, Ed. Springer-Verlag, New York, 1973. xii, 852 pp., illus. \$107.50.

The Hope of Progress. A Scientist Looks at Problems in Philosophy, Literature and Science. Peter B. Medawar. Anchor (Doubleday), Garden City, N.Y., 1973. x, 146 pp. Paper, \$1.95.

Hormones. Chemical Communicators. Roger Lewin. Anchor (Doubleday), Garden City, N.Y., 1973. vi, 114 pp., illus. Paper, \$1.95.

Identification of Plant Viruses. Methods and Experiments. D. Noordam. Center for Agricultural Publishing and Documentation, Wageningen, the Netherlands, 1973. 208 pp., illus. + plates. Paper, Dfl. 35.

Illustrations in Applied Network Theory. F. E. Rogers. Crane, Russak, New York, and Butterworth, London, 1973. x, 228 pp., illus. \$11.75.

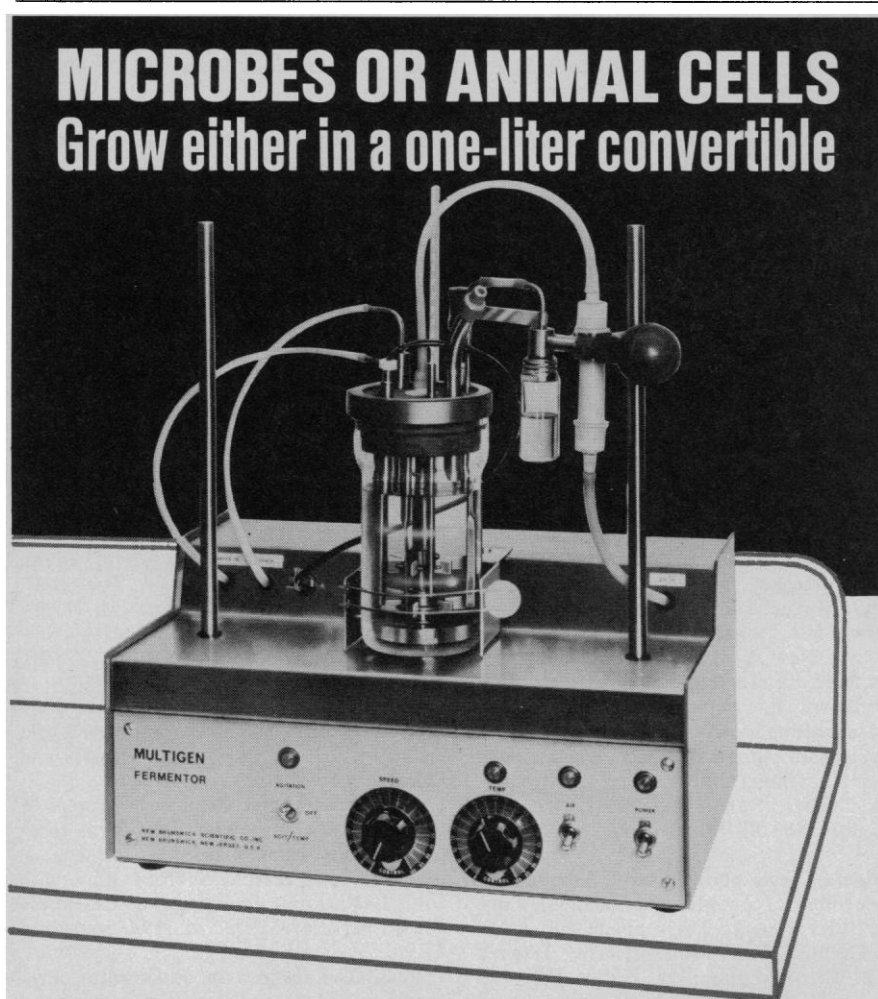
Infinite Linear Groups. An Account of the Group-theoretic Properties of Infinite Groups of Matrices. B. A. F. Wehrfritz. Springer-Verlag, New York, 1973. xiv, 230 pp. \$21.90. Ergebnisse der Mathematik und ihrer Grenzgebiete, Band 76.

Inorganic Biochemistry. Gunther L. Eichhorn, Ed. Elsevier, New York, 1973. 2 vols., illus. Vol. 1. xxvi + pp. 1-608. Vol. 2. xii + pp. 609-1264. \$110.

Integral Equations and Stability of Feedback Systems. Constantin Corduneanu. Academic Press, New York, 1973. x, 238 pp. \$19.50. Mathematics in Science and Engineering, vol. 104.

International Publications. An Annual Annotated Subject Bibliography. International Publications Service, New York, ed. 2, 1973. iv, 274 pp. Paper, \$7.50.

Introduction to Modern Organic Chemistry. Carl H. Snyder. Harper and Row, New York, 1973. xiv, 530 pp., illus. \$11.95. Harper's Chemistry Series.



The MultiGen is a low cost culture apparatus designed for the control of all basic environmental conditions: temperature, agitation, aeration, pH, and dissolved O₂. Whether the need is for viscous microbial cultures or animal cell suspensions, air sparging or gas overlay, the MultiGen can be adapted to specific research requirements, and can provide an ideal alternative to spinner flask procedures.

Virtually every component is supplied in one compact assembly; glassware, tubing, penetrations, air filter and sampler. It even has its own built-in air pump, heating system, and facilities for cooling, as well as a choice of agitation systems. The impellers are magnetically coupled to eliminate contamination.



ASK FOR BULLETIN F1000/S574

NEW BRUNSWICK SCIENTIFIC CO., INC.

1130 SOMERSET ST., NEW BRUNSWICK, N. J. 08903 201-846-4600

With NBS, Advanced Technology is a Way of Life.

Circle No. 455 on Readers' Service Card

OXFORD

The Biochemical Basis of Neuropharmacology

Second Edition

JACK R. COOPER, Yale University School of Medicine; **FLOYD E. BLOOM, M.D.**, National Institute of Mental Health; and **ROBERT H. ROTH**, Yale University School of Medicine.

Focusing on neurotransmitters, this widely-used text examines neuropharmacology by way of the physiology and biochemistry of nervous tissue. For the Second Edition, the authors have updated each chapter, incorporated the recent findings on dopamine, the prostaglandins, cyclic AMP, and the cholinergic receptor, and included more detail on individual drugs and diseases.

1974 288 pp. 46 illus.

cloth \$7.95 paper \$4.95

Circle No. 464 on Readers' Service Card

Evolution of the Nervous System

HARVEY B. SARNAT, M.D., St. Louis University School of Medicine, and **MARTIN G. NETSY, M.D.**, University of Virginia School of Medicine.

The book reconstructs the probable evolutionary sequence leading to the development of the human brain by identifying the neuroanatomical features common to all vertebrate species. The capacities of phylogenetically older systems are described together with their inadequacies for increasing the range of functions needed by evolving species.

1974 320 pp. 64 illus.

cloth \$9.95 paper \$6.95

Circle No. 450 on Readers' Service Card

The Synaptic Organization of the Brain

An Introduction

GORDON M. SHEPHERD, M.D./D. Phil., Ph.D., Yale University School of Medicine.

By describing the principles by which nerve cells are organized in different parts of the brain, this book helps readers cope with the vast amount of information that has accumulated in neuroanatomy and neurophysiology. Modern studies of structure as revealed by whole neuron stains and electron microscopy and of functional properties as revealed by microelectrode recordings are systematically reviewed. The organization of the following regions is examined: spinal cord (ventral horn), olfactory bulb, retina, cerebellum, thalamus, olfactory cortex, hippocampus, and neocortex.

Summer 1974 275 pp. 70 illus.

cloth \$7.95 paper \$4.95

Circle No. 451 on Readers' Service Card



OXFORD UNIVERSITY PRESS
200 MADISON AVENUE
NEW YORK, N.Y. 10016

Introduction to the Theory of Entire Functions. A. S. B. Holland. Academic Press, New York, 1973. xii, 222 pp., illus. \$18. Pure and Applied Mathematics, vol. 56.

Issues in Social Ecology. Human Milieus. Rudolf H. Moos and Paul M. Insel, Eds. National Press Books, Palo Alto, Calif., 1974. xii, 616 pp., illus. Paper, \$7.95.

Laboratory Organization and Administration. K. Guy. Butterworth, London, ed. 2, 1973 (U.S. distributor, Crane, Russak, New York). xvi, 528 pp., illus. \$22.50.

Laboratory Techniques in Zoology. Roy Mahoney. Halsted (Wiley), New York, ed. 2, 1973. viii, 518 pp., illus. \$21.50.

Laplace Transforms. Programmes and Problems. K. A. Stroud. Halsted (Wiley), New York, 1973. x, 276 pp., illus. Paper, \$5.75.

Laser Devices and Applications. Ivan P. Kaminow and Anthony E. Siegman, Eds. Institute of Electrical and Electronics Engineers, New York, 1973 (distributor, Wiley, New York). viii, 496 pp., illus. Cloth, \$14.95; paper, \$7.50.

Linear Methods of Applied Analysis. Allan M. Krall. Addison-Wesley, Reading, Mass., 1973. xiv, 706 pp., illus. Cloth, \$16; paper, \$9.50.

Lithium. Its Role in Psychiatric Research and Treatment. Samuel Gershon and Baron Shopsin, Eds. Plenum, New York, 1973. xii, 358 pp., illus. \$19.50.

Man and His Foods. Studies in the Ethnobotany of Nutrition—Contemporary, Primitive, and Prehistoric Non-European Diets. Papers from a congress, Seattle, Wash., Aug. 1969. C. Earle Smith, Jr., Ed. University of Alabama Press, University, 1973. x, 132 pp., illus. \$6.50.

Measurement of Physical Properties. Part 2, Magnetic Properties and Mossbauer Effect. E. Passaglia, Ed. Interscience (Wiley), New York, 1973. xii, 530 pp., illus. \$42.50. Techniques of Metals Research, vol. 6.

Mechanisms in Allergy. Reagin-Mediated Hypersensitivity. Lawrence Goodfriend, Alec H. Sehon, and Robert P. Orange, Eds. Dekker, New York, 1973. xxiv, 578 pp., illus. \$26.50. Immunology Series, vol. 1.

Mental Tests and Cultural Adaptation. Proceedings of a conference, Istanbul, Turkey, July 1971. L. J. Cronbach and P. J. D. Drenth, Eds. Mouton, The Hague, 1972. xii, 496 pp., illus. Cloth, Dfl. 42; paper, Dfl. 31. Psychological Studies, vol. 7.

Metastable Ions. R. G. Cooks, J. H. Beynon, R. M. Capriolo, and G. R. Lester. Elsevier, New York, 1973. xii, 296 pp., illus. \$29.50.

Methods in Free-Radical Chemistry. Vol. 4. Earl S. Huyser, Ed. Dekker, New York, 1973. xiv, 192 pp., illus. \$22.50.

Methods of Biochemical Analysis. Vol. 21. David Glick, Ed. Interscience (Wiley), New York, 1973. x, 572 pp., illus. \$22.50.

Modern Filter Theory and Design. Gabor C. Temes and Sanjit K. Mitra, Eds. Wiley-Interscience, New York, 1973. xvi, 566 pp., illus. \$24.95.

Modifying the Weather. A Social Assessment. W. R. D. Sewell and seven others. Department of Geography, Univer-

sity of Victoria, Victoria, British Columbia, 1973. xviii, 350 pp., illus. Paper, \$4. Western Geographical Series, vol. 9.

New Perspectives on Personality Development in College Students. Florence B. Brawer. Jossey-Bass, San Francisco, 1973. xxii, 232 pp., illus. \$9.50. Jossey-Bass Series in Higher Education and Behavioral Science.

Normed Linear Spaces. Mahlon M. Day. Springer-Verlag, New York, ed. 3, 1973. viii, 212 pp., \$17.30. Ergebnisse der Mathematik und ihrer Grenzgebiete, band 21.

Nuclear Fission. Robert Vandenbosch and John R. Huizenga. Academic Press, New York, 1973. xii, 422 pp., illus. \$29.50.

On Writing, Reading, and Dyslexia. Semmelweis Lecture, Nov. 1968. Arthur Linksz. Grune and Stratton, New York, 1973. viii, 256 pp., illus. \$6.

Patterns for Lifelong Learning. A Report of Explorations Supported by the W. K. Kellogg Foundation. Theodore M. Hesburgh, Paul A. Miller, and Clifton R. Wharton, Jr. Jossey-Bass, San Francisco, 1973. xx, 136 pp. \$7.75. Jossey-Bass Series in Higher Education.

The People's Liberation Army. Communist China's Armed Forces. Angus M. Fraser. Crane, Russak, New York, 1973. x, 62 pp. \$4.95. Strategy Papers, No. 19.

Personality Structure and Development. A Model and Its Application. H. Sjöbring. Munksgaard, Copenhagen, 1973. 204 pp. Acta Psychiatrica Scandinavica Supplementum 244.

Pharmacological Modifications of Evoked Brain Potentials. Alexander A. Borbély. Huber, Berne, Switzerland, 1973. 138 pp. Paper, 36 F.

Physical Aspects of Soil Water and Salts in Ecosystems. Papers from a symposium, Rehovot, Israel, Aug. 1971. A. Hadas, D. Swartzendruber, P. E. Rijkema, M. Fuchs, and B. Yaron, Eds. Springer-Verlag, New York, 1973. xvi, 460 pp., illus. \$38.60. Ecological Studies, vol. 4.

Physics of Planetary Ionospheres. Siegfried J. Bauer. Springer-Verlag, New York, 1973. viii, 230 pp., illus. \$32. Physics and Chemistry in Space, vol. 6.

Pornography and Sexual Deviance. A Report of the Legal and Behavioral Institute. Beverly Hills, California. Michael J. Goldstein and Harold Sanford Kant with John J. Hartman. University of California Press, Berkeley, 1973. vi, 194 pp., illus. \$7.95.

Possible Episomes in Eukaryotes. Proceedings of a colloquium, Cocoyoc, Mexico, Sept. 1972. Luigi G. Silvestri, Ed. North-Holland, Amsterdam, 1973 (U.S. distributor, Elsevier, New York). xii, 322 pp., illus. Paper, \$19.50.

Power and Dissent in the Medical School. Samuel W. Bloom. Free Press, New York, 1973. xvi, 192 pp. Paper, \$2.45. Reprinted from the Milbank Memorial Fund Quarterly, vol. 49, No. 2 (1971).

Prediction and Prophecy. Keith Ellis. Wayland, London, 1973 (U.S. distributor, Crane, Russak, New York). 192 pp. + plates. \$9.95.

Pressure Vessel Handbook. Eugene F. Megyesy. Pressure Vessel Handbook Publishing, Inc., Tulsa, Okla., ed. 2, 1973. viii, 344 pp., illus. \$19.60.

Problems in Optics. M. Rousseau and J.

P. Mathieu. Translated from the French edition (Paris, 1966) by J. Warren Blaker. Pergamon, Elmsford, N.Y., 1973. x, 366 pp., illus. \$18. International Series of Monographs in Natural Philosophy, vol. 52.

Properties of Concrete. A. M. Neville. Halsted (Wiley), New York, ed. 2, 1973. xvi, 686 pp., illus. \$16.

Psychopathology. Learning Theory, Research, and Applications. Jack Sandler and Robert S. Davidson. Harper and Row, New York, 1973. xiv, 368 pp., illus. \$8.95.

Psychopharmacology and Aging. Proceedings of a symposium, Durham, N.C., May 1972. Carl Eisdorfer and William E. Fann, Eds. Plenum, New York, 1973. xx, 254 pp., illus. \$12.50. Advances in Behavioral Biology, Vol. 6.

The Quantum Theory of Light. Rodney Loudon. Clarendon (Oxford University Press), New York, 1973. xii, 338 pp., illus. \$24.

Recent Developments in Separation Science. Norman N. Li, Ed. CRC Press (Chemical Rubber Co.), Cleveland, 1972. 2 vols., illus. Vol. 1, x, 230 pp. Vol. 2, x, 292 pp. Each volume, \$35.

Recent Developments in Shock Tube Research. Proceedings of a symposium, Stanford, Calif., 1973. Daniel Bershader and Wayland Griffith, Eds. Stanford University Press, Stanford, Calif., 1973. xviii, 830 pp., illus. \$27.50.

Rodd's Chemistry of Carbon Compounds. Vol. 4, part A, Heterocyclic Compounds. S. Coffey, Ed. Elsevier, New York, ed. 2, 1973. xx, 650 pp., illus. \$69.50.

Science and Technology in India. A. Rahman, R. N. Bhargava, M. A. Qureshi, and Sudarshan Pruthi. Indian Council for Cultural Relations, New Delhi, 1973. viii, 236 pp., illus. + plates. Rs. 30.

The Scientific World of Copernicus. On the Occasion of the 500th Anniversary of his Birth 1473-1973. Barbara Bienkowska, Ed. Translated from the Polish by Christina Cenkalska. Reidel, Boston, 1973. xii, 144 pp., illus. + plates. \$19.50.

Separation and Depression. Clinical and Research Aspects. An AAAS symposium, Chicago, Dec. 1970. John Paul Scott and Edward C. Senay, Eds. American Association for the Advancement of Science, Washington, D.C., 1973. viii, 256 pp., illus. \$19.95; to members, \$16.95. AAAS Publication No. 94.

Sigmund Freud. Paul Roazen, Ed. Prentice-Hall, Englewood Cliffs, N.J., 1973. vi, 196 pp. Cloth, \$6.95; paper, \$2.95. Makers of Modern Social Science.

Sinnesphysiologie programmiert. R. F. Schmidt, Ed. Springer-Verlag, New York, 1973. x, 254 pp. + appendix. Paper, \$12.60.

Sputum. Fundamentals and Clinical Pathology. Mauricio J. Dulfano, Ed. Thomas, Springfield, Ill., 1973. xvi, 632 pp., illus. + plates. \$27.75.

Stochastic Differential Systems 1. Filtering and Control. A Function Space Approach. A. V. Balakrishnan. Springer-Verlag, New York, 1973. vi, 252 pp. Paper, \$8.20. Lecture Notes in Economics and Mathematical Systems, vol. 84.

Studies on the Geology and Geologic Hazards of the Greater San Diego Area,

California. Arnold Ross and Robert J. Dowlen, Eds. San Diego Association of Geologists, San Diego, Calif., 1973. 152 pp., illus. Paper, \$6.

Systematics and Evolutionary Relationships of Spiny Pocket Mice, Genus Liomys. Hugh H. Genoways. Texas Tech Press, Lubbock, 1973. 368 pp., illus. Paper, \$7.

Systems Analysis in Public Policy. A Critique. Ida R. Hoos. University of California Press, Berkeley, 1973. viii, 260 pp. Paper, \$3.25. Reprint of the 1972 edition.

Television and Antisocial Behavior. Field Experiments. Stanley Milgram and R. Lance Shotland. Academic Press, New York, 1973. xii, 184 pp., illus. \$10.95.

Thermal Analysis. T. Daniels. Halsted (Wiley), New York, 1973. 272 pp., illus. \$17.50.

Thermophysical Properties Research Literature Retrieval Guide. Supplement 1, 1964-1970. Y. S. Touloukian, J. Koolhaas Gerritsen, and W. H. Shafer, Eds. Plenum, New York, 1973. 6 vols. Vol. 1, Elements and Inorganic Compounds. xii, 736 pp. \$90. Vol. 2, Organic Compounds and Polymeric Materials. xii, 264 pp. \$45. Vol. 3, Alloys, Intermetallic Compounds, and Cermets. xiv, 390 pp. \$50. Vol. 4, Oxide Mixtures and Minerals. x, 242 pp. \$45. Vol. 5, Mixtures and Solutions. xii, 298 pp. \$45. Vol. 6, Coatings, Systems, and Composites. xii, 270 pp. \$45. The set, \$275.

Topics in Analytic Number Theory. Hans Rademacher. Springer-Verlag, New York, 1973. x, 320 pp. \$32.60. Grundlehren der mathematischen Wissenschaften, Band 169.

Trees and Shrubs of Kentucky. Mary E. Wharton and Roger W. Barbour. University Press of Kentucky, Lexington, 1973. x, 582 pp., illus. \$12.95.

The Tropical Forest. Ants, Animals and Plants. Mary Batten. Illustrated by Betty Fraser. Crowell, New York, 1973. xii, 132 pp., illus. \$4.95.

The Two-Dimensional Ising Model. Barry M. McCoy and Tai Tsun Wu. Harvard University Press, Cambridge, Mass., 1973. xx, 418 pp., illus. \$25.

The Uncertain Alliance. The Catholic Church and Labor in Latin America. Alexis U. Floridi and Annette E. Stiefbold. Center for Advanced International Studies, University of Miami, Washington, D.C., 1973. viii, 108 pp. Cloth, \$7.95; paper, \$4.95. Monographs in International Affairs.

Value-Distribution Theory. (in two parts) Robert O. Kujala and Albert L. Vitter III, Eds. Part B, Deficit and Bezout Estimates. Wilhelm Stoll. Dekker, New York, 1973. xiv, 274 pp. \$15.50. Pure and Applied Mathematics, No. 25.

The Way to Go. The Coming Revival of U.S. Rail Passenger Service. Thomas C. Southerland, Jr., and William McCleery. Simon and Schuster, New York, 1973. 256 pp., illus. + plates. \$8.95.

Where Are We and Where Do We Go? Gerrit Toennies. Dorrance, Philadelphia, 1973. vi, 52 pp. Paper, \$1.95.

Youth and Culture. A Human-Development Approach. Hazel V. Kraemer, Ed. Brooks/Cole, Monterey, Calif., 1974. x, 678 pp. Paper, \$6.95.

OXFORD

The Origin of Landscapes

A Synthesis of Geomorphology

H. F. GARNER, Rutgers University.

In this thorough reassessment of geomorphological theory, Professor Garner identifies the environments in which landforms develop and the processes characteristic of these environments as they evolve in time and space. He emphasizes the associations of processes in their natural environments and has also included unique chapters on tectonics, alternating arid-humid geomorphic systems, and coasts. Numerous illustrations and an extensive glossary complement and reinforce the text.

Spring 1974 656 pp. 603 illus. \$18.50

Circle No. 483 on Readers' Service Card

Pedology, Weathering, and Geomorphological Research

PETER BIRKELAND, University of Colorado.

This book brings together material on mineral and rock weathering, soil morphology and genesis, soil classification, soil-forming factors, and the use of soils in Quaternary stratigraphy. The author incorporates material from pedology, geology, chemistry, and biology necessary for an understanding of the genesis of soils. He focuses on the study of soils as seen in the field and the interpretations regarding their formation under present and past environments.

Spring 1974 304 pp. 190 maps; halftones; line drawings \$11.00

Circle No. 452 on Readers' Service Card

Molecular Reaction Dynamics

R. D. LEVINE, Hebrew University and Ohio State University, and R. B. BERNSTEIN, University of Texas.

This study of the molecular-level mechanisms of elementary chemical reactions emphasizes the important role of binary collisions. The goal is an understanding of chemical and physical rate processes from the fundamental, microscopic point of view. Primary attention is devoted to the physical phenomena and their conceptual interpretation rather than to the details of experimental techniques or theories. Assuming only an elementary background in physical chemistry, the book guides the reader from well-known principles to state-of-the-art research results.

Summer 1974 256 pp. 136 line drawings \$10.00

Circle No. 453 on Readers' Service Card



OXFORD UNIVERSITY PRESS
200 MADISON AVENUE
NEW YORK, N.Y. 10016