

BOOKS RECEIVED

(Continued from page 224)

- R. E. Banks. Elsevier, New York, ed. 2, 1971. viii, 246 pp. + plates. \$14.25. University Chemistry Series.
- Geochemistry.** Karl Hans Wedepohl. Translated from the German edition (Göttingen, 1970) by Egon Althaus. Holt, Rinehart and Winston, New York, 1971. xiv, 232 pp., illus. Cloth, \$8.95; paper, \$5.95.
- Human Diversity.** Alexander Alland, Jr. Columbia University Press, New York, 1971. xiv, 220 pp. \$7.50.
- Hydrogen Bonding.** Serge N. Vinogradov and Robert H. Linnell. Van Nostrand Reinhold, New York, 1971. xiv, 320 pp., illus. \$9.50.
- Immunological Parameters of Host-Tumor Relationships.** David W. Weiss, Ed. Academic Press, New York, 1971. iv, 258 pp., illus. \$12.50.
- Introductory Statistics for the Behavioral Sciences.** Joan Welkowitz, Robert B. Ewen, and Jacob Cohen. Academic Press, New York, 1971. xvi, 272 pp., illus. \$8.50.
- Workbook.** Robert B. Ewen. xvi, 156 pp. Paper, \$2.95.
- The Itasca Bison Kill Site.** An Ecological Analysis. C. Thomas Shay, with mollusk analysis by Samuel Tuthill. Minnesota Historical Society, St. Paul, 1971. x, 134 pp., illus. + foldout table. Paper. \$5.50.
- Laboratory Manual for College Chemistry.** Macro Qualitative Analysis Edition. William T. Smith and Jesse H. Wood. Harper and Row, New York, ed. 4, 1971. vi, 246 pp., illus. Paper, \$5.95.
- The Moths of America North of Mexico.** Including Greenland. Fascicle 21, Sphingoidea, Hawkmoths. Ronald W. Hodges. Color photographs by R. B. Dominick and C. R. Edwards. Classey and R.B.D., London, 1971 (U.S. distributor, Entomological Reprint Specialists, Los Angeles). iv, 160 pp. + plates. Paper, \$24.
- Naturally Occurring Quinones.** R. H. Thomson. Academic Press, New York, ed. 2, 1971. viii, 734 pp., illus. \$35.
- Oil on the Sea.** Proceedings of a symposium, Cambridge, Mass., May 1969. David P. Hoult, Ed. Plenum, New York, 1969. viii, 114 pp. + plates. \$8.75.
- One Life—One Physician.** An Inquiry into the Medical Profession's Performance in Self-Regulation. A Report to the Center for Study of Responsive Law. Robert S. McCleery, Louise T. Keelty, Mimi Lam, Russell E. Phillips, and Terrence M. Quirin. Public Affairs Press, Washington, D.C., 1971. viii, 168 pp. \$5.
- Organizational Growth through Decisionmaking.** A Computer-Based Experiment in Educative Method. Beatrice K. Rome and Sydney C. Rome. Elsevier, New York, 1971. xiv, 242 pp., illus. \$15.
- An Original Theory or New Hypothesis of the Universe, 1750.** Thomas Wright of Durham. A facsimile reprint together with the first publication of *A Theory of the Universe*, 1734. Introduction and transcription by Michael A. Hoskin. Macdonald, London, and Elsevier, New York, 1971. xxxviii, 178 pp., illus. History of Science Library, Primary Sources.
- The Pneumatics of Hero of Alexandria.** A facsimile of the 1851 Woodcroft Edition. Introduced by Marie Boas Hall. Macdonald, London, and Elsevier, New York, 1971. xiv + xx, 142 pp., illus. \$10.25.
- Quantum Mechanics in Hilbert Space.** Eduard Prugovečki. Academic Press, New York, 1971. xviii, 650 pp. \$29.50. Pure and Applied Mathematics, vol. 41.
- Real Analysis.** Norman B. Haaser and Joseph A. Sullivan. Van Nostrand Reinhold, New York, 1971. x, 342 pp. \$11.95. University Series in Mathematics.
- Science and Education in Developing States.** Proceedings of a conference, Jerusalem, August 1969. Philip Gillon and Hadassah Gillon, Eds. Praeger, New York, 1971. xiv, 288 pp. \$16.50.
- The Sea.** Ideas and Observations on Progress in the Study of the Seas. Vol. 4, New Concepts of Sea Floor Evolution. Arthur E. Maxwell, Ed. Wiley-Interscience, New York, 1970. Part 1, xiv, 792 pp., illus., \$32.50; parts 2 and 3, xiv, 664 pp., illus. + foldout maps, \$32.50.
- Understanding Reading.** A Psycholinguistic Analysis of Reading and Learning to Read. Frank Smith. Holt, Rinehart and Winston, New York, 1971. xiv, 240 pp., illus. \$4.95.

Disc Electrophoresis

and Related Techniques of Polyacrylamide Gel Electrophoresis

by Dr. rer. nat. H. Rainer Maurer, Max-Planck-Institut für Virus-Forschung Tübingen, Germany

Second revised and expanded edition 1971

With 88 figures, 16 tables and 948 literature references. XVI, 224 pages. Bound DM 68,—; \$ 19.75

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Theoretical Background: The Polyacrylamide Gel—Important Principles of Electrophoresis—Theory of Disc Electrophoresis—Polyacrylamide Gel Electrophoresis with Discontinuous Voltage Gradients —

Method of Analytical Disc Electrophoresis: Physicochemical Properties of the Gel Components and their Identification—Equipment for Disc Electrophoresis—Procedures—Disc Enzyme Electrophoresis—Disc Immuno-electrophoresis

Micro-Disc Electrophoresis: General Methods—Micro-Disc Electrophoresis combined with Micro-Enzyme- and Immuno-Analysis

Preparative Polyacrylamide Gel Electrophoresis: General Comments—Methods of Preparative Disc Electrophoresis

Applications in Clinical Chemistry: Blood Proteins — Proteins of other Body Fluids — Tissue Enzymes — Other Tissue Proteins — Epidermal, Hair and Nail Proteins

Biochemical Applications: Enzymology — Endocrinology — Immunology — Animal Body Fluids — Neurology — Entomology — Botany — Microbiology — Nucleic Acids

Applications in Food Technology and Forensic Analysis: Note — List of Abbreviations — References — List of firms (manufacturers) — Index — Fold-out chart: Brief instructions for the preparation of gels and the electrophoretic procedure — Useful gel systems for disc electrophoresis



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Additional information and application forms will be supplied upon request to S. A. Rayner, the Registrar, University of Queensland, St. Lucia, Queensland, Australia, 4067. Applications close on 30 July 1971.

INSTRUCTOR, DEPARTMENT OF BIOLOGICAL SCIENCES, The University of Texas at El Paso; \$9000 for 12 months. B.S. or equivalent; some training in biological sciences preferred. Instruct students and faculty in biological instrumentation; repair, build and maintain electronic and optical equipment; set up and run central stockroom; direct ordering of supplies and equipment; supervise media preparation room. Send curriculum vita and three references before 1 August 1971, to: **Dr. Albert G. Canaris, Chairman, Department of Biological Sciences, The University of Texas at El Paso, El Paso, Texas 79968.**

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UNIVERSITY OF TORONTO DEPARTMENT OF BOTANY

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Further information on the use of these facilities may be obtained from **Dr. Suzanne S. Stimler, Biotechnology Resources Branch, Division of Research Resources, National Institutes of Health, Building 31, Room 5B-13, Bethesda, Maryland 20014.** Scientists interested in using these facilities sometime during July, August or September, 1971 should contact Dr. Stimler immediately.

GRADUATE STUDY

Postdoctoral Fellowship, Plant Biochemistry, for studies on host reaction to crown gall organism. Experience in plant-parasite biochemistry desirable. Stipend \$6360, tax-free, plus travel.

**Dr. S. A. Brown
Department of Chemistry
Trent University
Peterborough, Ontario, Canada**

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