of the principles of laser light scattering. I can recommend it most strongly to graduate students and research workers who intend to enter this interesting and promising field.

B. Chu Chemistry Department, State University of New York, Stony Brook

### **Books Received**

Advances in the Drug Therapy of Mental Illness. Proceedings of a symposium, Geneva, Nov. 1973. World Health Organization, Geneva, 1976 (U.S. distributor, Q Corporation, Albany, N.Y.). 170 pp. Paper, \$12.

Agronomic Research for Food. Papers from a meeting, Knoxville, Tenn., Aug. 1975. Fred L. Patterson, Matthias Stelly, David M. Kral, and Linda C. Eisele, Eds. American Society of Agronomy, Madison, Wis., 1976. vi, 98 pp. Paper. ASA Special Publication No. 26.

America as Art. Joshua C. Taylor with a contribution by John G. Cawelti. Published for the National Collection of Fine Arts by the Smithsonian Institution Press, Washington, D.C., 1976. xii, 320 pp., illus. \$25.

Analyse Structurale des Amplitudes de Collision. Structural Analysis of Collision Amplitudes. Papers from an institute, Grenoble, France, June 1975. Roger Balian and Daniel Iagolnitzer, Eds. North-Holland, Amsterdam, 1976 (U.S. distributor, Elsevier, New York). xx, 638 pp., illus. \$57.50.

Analysis of Essential Oils by Gas Chromatography and Mass Spectrometry. Yoshiro Masada. Halsted (Wiley), New York, 1976. xvi, 334 pp., illus. \$37.50.

Anatomical Neuroendocrinology. Papers from a conference, Chapel Hill, N.C., May 1974. Walter E. Stumpf and Lester D. Grant, Eds. Karger, Basel, 1976. viii, 472 pp., illus. \$37.

Androgyny. Toward a New Theory of Sexuality. June Singer. Anchor/Doubleday, Garden City, N.Y., 1976. viii, 376 pp. \$8.95.

Annotated Bibliography of Expository Writing in the Mathematical Sciences. Matthew P. Gaffney and Lynn Arthur Steen with the assistance of Paul J. Campbell. Mathematical Association of America, Washington, D.C., 1976. xii, 282 pp. Paper, \$7.

Annual Review of Phytopathology. Vol. 14. Kenneth F. Baker, George A. Zentmyer, and Ellis B. Cowling, Eds. Annual Reviews, Palo Alto, Calif., 1976. xii, 512 pp. \$17.

Applied Physiology of Respiratory Care. John Hedley-Whyte, George E. Burgess III, Thomas W. Feeley, and Malcolm G. Miller. Little, Brown, Boston, 1976. xiv, 552 pp., illus. \$22.50.

An Assessment of Alternative Economic Stockpiling Policies. United States Congress Office of Technology Assessment, Washington, D.C., 1976 (available from the Superintendent of Documents, Washington, D.C.). xiv, 328 pp., illus. Paper, \$3.10.

Astronomy Transformed. The Emergence of Radio Astronomy in Britain. David O. Edge and Michael J. Mulkay. Wiley-Interscience, New York, 1976. xviii, 482 pp. \$25. Science, Culture, and Society.

Athlon. Essays in Palaeontology in Honour of Loris Shano Russell. C. S. Churcher, Ed. Royal Ontario Museum, Toronto, Canada, 1976. vi, 286 pp., illus. \$15. Royal Ontario Museum Life Sciences Miscellaneous Publications.

Behavior-Therapy Assessment. Diagnosis, Design, and Evaluation. Eric J. Mash and Leif G. Terdal, Eds. Springer, New York, 1976. xviii, 382 pp. \$14.95. Springer Series in Behavior Modification, vol. 2.

Behavioral Pharmacology. Stanley D. Glick and Joseph Goldfarb, Eds. Mosby, St. Louis, 1976. xviii, 380 pp., illus. \$16.95.

A Bibliography of Quantitative Ecology. Vincent Schultz, L. L. Eberhardt, J. M. Thomas, and M. I. Cochran. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). x, 362 pp. \$18.50.

Biochemische Grundlagen der Teilung und Differenzierung von Normal- und Tumorzellen. G. Butschak. Fischer, Jena, East Germany, 1976. 348 pp., illus. Paper, 29.60 M.

Biochemistry and Cytology of Plant-Parasite Interaction. Papers from a symposium, Osaka, Japan, Sept. 1974. K. Tomiyama, J. M. Daly, I. Uritani, H. Oku, and S. Ouchi, Eds. Kodansha, Tokyo, and Elsevier, New York, 1976. xiv, 256 pp., illus. \$31.50.

Brain-Stimulation Reward. Papers from a conference, Beerse, Belgium, Apr. 1975. Albert Wauquier and Edmund T. Rolls, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1976. xxviii, 622 pp., illus. \$56.95.

Braverman's Introduction to the Biochemistry of Foods. Second edition by Z. Berk. Elsevier, New York, 1976. xii, 316 pp., illus. \$18.95.

Building Economy. Design, Production and Organisation. A Synoptic View. P. A. Stone. Pergamon, New York, ed. 2, 1976. xiv, 294 pp. Cloth, \$14; paper, \$8. Pergamon International Library.

C\*-Algebras and Their Applications to Statistical Mechanics and Quantum Field Theory. Proceedings of a school, Varenna on Lake Como, Italy, July 1973. D. Kastler, Ed. Società Italiana di Fisica, Bologna, and North-Holland, Amsterdam, 1976 (U.S. distributor, Elsevier, New York). xii, 264 pp. \$38.50.

**Calcium in Biological Systems**. Papers from a symposium, Englefield Green, Surrey, England, Sept. 1975. Published for the Society for Experimental Biology by Cambridge University Press, New York, 1976. viii, 486 pp., illus. + plates. \$42.50. Symposia of the Society for Experimental Biology, No. 30.

**Cancer Chemotherapy.** Papers from a symposium, Philadelphia, Apr. 1975. Alan C. Sartorelli, Ed. American Chemical Society, Washington, D.C., 1976. x, 126 pp., illus. \$14.75. ACS Symposium Series, 30.

**Catálogo de la Fauna Venezolana**. Vol. 8, Mollusca. Jaime Tello. Published by the author, Residencias Unión, Apt. B-105, 4 Ave. Los Palos Grandes, Caracas 106, Venezuela, 1975. xx, 600 pp. \$100.

Cellular Ageing. Concepts and Mechanisms. Part 2. Mechanisms 2, Translation, Transcription and Structural Properties. Richard G. Cutler, Ed. Karger, Basel, 1976. vi, 130 pp. Paper, \$30.50. Interdisciplinary Topics in Gerontology, vol. 10.

Chemistry and Physics of the Stratosphere. American Geophysical Union, Washington, D.C., 1976. Variously paged, illus. Paper, \$6. Reprinted from *Reviews of Geophysics and Space Physics*, vols. 13 and 14.

Children's Rights and the Mental Health Professions. Gerald P. Koocher, Ed. Wiley-Interscience, New York, 1976. xii, 260 pp. \$17.95. Wiley Series on Personality Processes. **Cleaning Up America**. An Insider's View of the Environmental Protection Agency. John Quarles. Houghton Mifflin, Boston, 1976. xvi, 256 pp. + plates. \$8.95.

Clinical Pharmacology of Serotonin. Proceedings of a symposium, Helsinki, July 1975. F. Sicuteri and E. Schönbaum, Eds. Karger, Basel, 1976. viii, 140 pp., illus. Paper, \$26. Monographs in Neural Sciences, vol. 3.

Clinical Tumor Immunology. Proceedings of a symposium, Brussels, May 1975. Joseph Wybran and Maurice J. Staquet, Eds. Published for the European Organization for Research on Treatment of Cancer by Pergamon, New York, 1976. xvi, 282 pp., illus. Cloth, \$25; paper, \$15. EORTC Monographs on Cancer. Supplement to the European Journal of Cancer.

**Clues to America's Past.** Jeffrey P. Brain and five others. National Geographic Society, Washington, D.C., 1976. 200 pp., illus. \$4.75.

Cognitive Styles in Infancy and Early Childhood. Nathan Kogan. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). xiv, 146 pp. \$12.95.

**Color Television Troubleshooting**. Edward Bannon. Reston (Prentice-Hall), Reston, Va., 1976. viii, 264 pp., illus. \$14.95.

**Communication Revolution**. D. A. Ehrenfeld. Published by the author, P.O. Box 1161, Mountain View, Calif. 94042, 1976. iv, 162 pp. \$5.30.

**Compliance with Therapeutic Regimens.** Papers from a symposium, Hamilton, Ontario, Canada, May 1974. David L. Sackett and R. Brian Haynes, Eds. Johns Hopkins University Press, Baltimore, 1976. xviii, 294 pp. \$15.

**Concepts of Species.** C. N. Ślobodchikoff, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xvi, 368 pp., illus. \$25. Benchmark Papers in Systematic and Evolutionary Biology, vol. 3.

The Conservation of the California Tule Elk. A Socioeconomic Study of a Survival Problem. W. E. Phillips. University of Alberta Press, Edmonton, Canada, 1976. viii, 120 pp., illus. Paper, \$4.

Contemporary Africa. Geography and Change. C. Gregory Knight and James L. Newman, Eds. Prentice-Hall, Englewood Cliffs, N.J., 1976. xiv, 546 pp., illus. \$14.95.

The Correspondence of Henry Oldenburg. Vol. 10, June 1673–April 1674, Letters 2241– 2489. Edited and Translated by A. Rupert Hall and Marie Boas Hall. Mansell, London, 1975 (U.S. distributor, International Scholarly Book Services, Forest Grove, Ore.). xxviii, 596 pp. \$35.

Cosmological Letters on the Arrangement of the World-Edifice. J. H. Lambert. Translated from the German with an introduction and notes by Stanley L. Jaki. Science History Publications (Neale Watson), New York, 1976. viii, 246 pp. \$18.

**Cost Control in Hospitals.** John R. Griffith, Walton M. Hancock, and Fred C. Munson, Eds. Health Administration Press, Ann Arbor, Mich., 1976. xiv, 448 pp. \$15.

Creation and Detection of the Excited State. Vol. 4. William R. Ware, Ed. Dekker, New York, 1976. xii, 320 pp., illus. \$39.75.

**Cross-Cultural Approaches to the Study of Alcohol.** Papers from a conference, Chicago, Aug. 1973. Michael W. Everett, Jack O. Waddell, and Dwight B. Heath, Eds. Mouton, The Hague, 1976 (U.S. distributor, Aldine, Chicago). xviii, 432 pp. \$24.50. World Anthropology.

(Continued on page 1192)

SCIENCE, VOL. 194

## Our new HPLC Columns are well packed!

### Guaranteed peak symmetry and minimum plates per meter doubly assure you of optimum column performance.

A completely new line of "stateof the-art" packed columns for high pressure liquid chromatography is now available in the U.S. and Canada from Rheodyne.

All columns are 4.6 mm ID x 25 cm long. Each column is tested and supplied with its own chromatogram. Currently six columns are available over a price range of \$180 to \$240.

The table below showing column performance specifications and typical test conditions offers an excellent argument for the addition of these columns to your HPLC equipment.

COLUMN TYPE	SI-100*	NH <sub>2</sub>	DIOL	RP-8*
Particle size	5 µm	10 µm	10 µm	5 µm
Min. plates per meter	36,000	14,000		26,000
Max. peak asymmetry	1.6	1.6	**	1.6
Solvent	hexane	hexane	hexane	40% ace- tonitrile
Flow, ml/min	2.0	2.0	2.0	. 2.0
Pressure, psi	1640	280	280	3000
Test substance	nitro- benzene	nitro- benzene	nitro- benzene	diethyl phthalate
*available in 10 $\mu$ m particle size also. **under evaluation				

Made by Brownlee Labs, the columns are guaranteed by both Brownlee and Rheodyne. Column packings are LiChrosorb (a registered T.M. of E. Merck Darmstadt Germany).

For More Information. A detailed technical brochure is available for the asking. Address Rheodyne, Inc., 2809 Tenth Street, Berkeley, CA 94710. For even faster service, phone (415) 548 5374.



Circle No. 81 on Readers' Service Card

### BOOKS RECEIVED

#### (Continued from page 1156)

Debugging System 360/370 Programs Using OS and VS Storage Dumps. Daniel H. Rindfleisch. Prentice-Hall, Englewood Cliffs, N.J., 1976. viii, 262 pp. \$15.95.

**Dental Biochemistry**. Eugene P. Lazzari. Lea and Febiger, Philadelphia, ed. 2, 1976. x, 390 pp., illus. \$16.50.

**Development from Below**. Anthropologists and Development Situations. Papers from a meeting, Chicago, 1973. David C. Pitt, Ed. Mouton, The Hague, 1976 (U.S. distributor, Aldine, Chicago). x, 278 pp. \$17.50. World Anthropology.

**Developments in Industrial Microbiology.** Vol. 17. Proceedings of a meeting, Kingston, R.I., Aug. 1975. American Institute of Biological Sciences, Washington, D.C., 1976. xii, 456 pp., illus. \$20. A Publication of the Society for Industrial Microbiology.

Digital Circuits and Logic Design. Samuel C. Lee. Prentice-Hall, Englewood Cliffs, N.J., 1976. xii, 594 pp., illus. \$26.95.

**Digital System Implementation**. Gerrit A. Blaauw. Prentice-Hall, Englewood Cliffs, N.J., 1976. xxxii, 384 pp., illus. \$16.95. Prentice-Hall Series in Automatic Computation.

**Diocles on Burning Mirrors**. The Arabic Translation of the Lost Greek Original. Edited, with English translation and commentary by G. J. Toomer. Springer-Verlag, New York, 1976. x, 252 pp., illus. \$27.90. Sources in the History of Mathematics and Physical Sciences 1.

**Discussions on War and Human Aggression**. Proceedings of a conference, Notre Dame, Ind., Aug. 1973. R. Dale Givens and Martin A. Nettleship, Eds. Mouton, The Hague, 1976 (U.S. distributor, Aldine, Chicago). xvi, 232 pp. \$12.50. World Anthropology.

**Diving Medicine.** Richard H. Strauss, Ed. Grune and Stratton, New York, 1976. xii, 420 pp., illus. \$21.

The Dynamic Synthesis, Analysis, and Design of Modeled Cam Systems. Delbert Tesar and Gary K. Matthew. Lexington (Heath), Lexington, Mass., 1976. xxiv, 352 pp., illus. \$24.95.

The Dynamical Behaviour of Structures. G. B. Warburton. Pergamon, New York, ed. 2, 1976. viii, 354 pp., illus. Cloth, \$25; paper, \$12.50. Structures and Solid Body Mechanics Series.

**Early Signs of Nutritional Deficiencies.** Proceedings of a symposium, Sofia and Varna, Bulgaria, May 1974. J. C. Somogyi and T. Tashev, Eds. Karger, Basel, 1976. viii, 174 pp., illus. Paper, \$39.75. Bibliotheca 'Nutritio et Dieta,' No. 23.

Ecological Guidelines for the Use of Natural Resources in the Middle East and South West Asia. Proceedings of a meeting, Persepolis, Iran, May 1975. International Union for Conservation of Nature and Natural Resources, Morges, Switzerland, 1976. 232 pp., illus. Paper, \$6. IUCN Publications New Series, No. 34.

Ecological Impacts of Snowpack Augmentation in the San Juan Mountains of Colorado. Final Report of the San Juan Ecology Project. Harold W. Steinhoff and Jack D. Ives, Eds. Prepared for the Bureau of Reclamation, Denver, by Colorado State University College of Forestry and Natural Resources, Fort Collins, 1976 (available as PB-255-012/LL from the National Technical Information Service, Springfield, Va.). xii, 490 pp., illus. Paper, \$12.75. Economic Crises and Crime. Correlations between the State of the Economy, Deviance and the Control of Deviance. United Nations Social Defense Research Institute, Rome, 1976. 248 pp. Paper. UNSDRI Publication No. 15.

Education for Transformation. Implications in Lewis Mumford's Ecohumanism. David R. Conrad. ETC Publications, Palm Springs, Calif., 1976. x, 230 pp. \$10.

Effects of Pollutants on Aquatic Organisms. Papers from a seminar, Liverpool, Apr. 1975. A. P. M. Lockwood, Ed. Cambridge University Press, New York, 1976. x, 194 pp., illus. Cloth, \$19.95; paper, \$8.95. Society for Experimental Biology Seminar Series, 2.

**Elements of Medical Genetics.** Alan E. H. Emery. University of California Press, Berkeley, ed. 4, 1976. vi, 246 pp., illus. Paper, \$4.25.

Emotions and Anxiety. New Concepts, Methods, and Applications. Marvin Zuckerman and Charles D. Spielberger, Eds. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). x, 362 pp., illus. \$24.95.

The Engineering of Abundance. An Oral History Memoir of Roy Bainer. University of California Oral History Program, Davis, 1975. (available from Roy Bainer, 623 Miller Dr., Davis, Calif.). x, 450 pp. \$17.

Environmental Quality—1976. The Seventh Annual Report of the Council on Environmental Quality. Council on Environmental Quality, Washington, D.C., 1976 (available from the Superintendent of Documents, Washington, D.C.). xx, 378 pp., illus. Paper, \$3.50.

Environmentology. Earth's Environment and Energy Resources. J. J. Bhatt. Published by the author, Department of Physics, Rhode Island Junior College, Warwick, 1975. viii, 412 pp., illus. Paper, \$8.95.

**Epidemics.** Geoffrey Marks and William K. Beatty. Scribner, New York, 1976. xii, 324 pp. \$10.

Essentials of Bacterial and Viral Genetics. David M. Carlberg. Thomas, Springfield, Ill., 1976. xvi, 320 pp., illus. \$24.75.

Ethnicity in the Americas. Papers from a conference, Chicago, 1973. Frances Henry, Ed. Mouton, The Hague, 1976 (U.S. distributor, Aldine, Chicago). xii, 456 pp. \$22.50. World Anthropology.

**Everything You Want to Know about Ageing**. Vernon Coleman. Gordon and Cremonesi, London, 1976 (U.S. distributor, Atheneum, New York). xiv, 226 pp., illus. \$9.95.

Evolution and Consciousness. Human Systems in Transition. Erich Jantsch and Conrad H. Waddington, Eds. Addison-Wesley, Reading, Mass., 1976. xii, 260 pp., illus. Cloth, \$19.50; paper, \$9.50.

**Extrusion of Plastics.** E. G. Fisher assisted by E. C. Whitfield. Published for the Plastics and Rubber Institute by Halsted (Wiley), New York, ed. 3, 1976. xii, 344 pp., illus. \$22.50.

Eye Movements and Psychological Processes. Papers from a symposium, Princeton, N.J., Apr. 1974. Richard A. Monty and John W. Senders, Eds. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). x, 550 pp., illus. \$35.

Fabric of the Universe. Denis Postle. Crown, New York, 1976. 208 pp., illus. Cloth, \$9.95; paper, \$5.95.

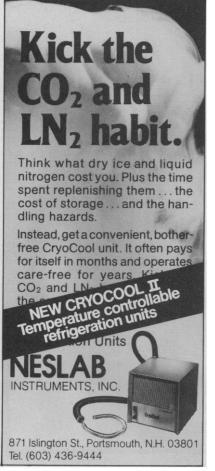
Federal Scientific and Technical Communication Activities. 1975 Progress Report. National Science Foundation, Washington, D.C., 1976 (available as PB253975 from the National Technical Information Service, Springfield,



Combine YEW's precision 3051/3052 strip chart recorder with four new extremely accurate and flexible plug-in temperature measurement modules and you have a recording thermometer second to none. Modules are designed for CA, CC, PR, CRC and IC thermocouples and for transistor probes covering the temperature range from -200°C to +1200°C depending on the unit selected. What's more, the basic recorder is offered in one and two pen models, with electrostatic or ink writing capabilities, with Z and/or roll feed, and with a multitude of additional voltage plug-in modules for unexcelled versatility. YEW also offers a complete line of X-Y and Laboratory Recorders and Light Beam Oscillographs to meet virtually every application requirement. Write for complete details.

**YEW** ORPORATION OF AMERICA 60 Years of Measuring and Recording Instrumentation

Circle No. 157 on Readers' Service Card



Circle No. 34 on Readers' Service Card

### POPULATION: Dynamics Ethics and Policy

The ethical issues of choice . . . the interrelationships of population size and economic development . . . the consequences of population growth . . . such are the issues debated in *Population: Dynamics, Ethics, and Policy,* a compendium now available from AAAS. It contains a selection of articles, research reports, and policy debates that originally appeared in *Science* during a 10-year time span beginning in 1966. Together these papers provide a close look at population research as conducted and reported by American scientists.

If you are involved in population research or policy planning, be sure to have a copy of this compendium in your library. Retail price \$12.95 casebound, \$4.95 paperbound; AAAS member price \$11.95 casebound, \$4.45 paperbound.

Send orders to Dept. PC-6



AMERICAN ASSOCIATION for the ADVANCEMENT of SCIENCE 1515 Massachusetts Avenue, N.W. Washington, D. C. 20005 Va.). viii, 92 pp. Paper, \$5; microfiche, \$2.25. **Fire of Genius**. Inventors of the Past Century. Based on the Files of *Popular Science Monthly* since Its Founding in 1872. Ernest V. Heyn in collaboration with Alden P. Armagnac, Arthur Fisher, Devon Francis, and C. P. Gilmore. Anchor/Doubleday, Garden City, N.Y., 1976. xii, 340 pp., illus. \$12.95.

Fish of Rare Breeding. Salmon and Trout of the Donaldson Strains. Neal O. Hines. Smithsonian Institution Press, Washington, D.C., 1976. 168 pp., illus. \$15.

Fishes of the World. Joseph S. Nelson. Wiley-Interscience, New York, 1976. xvi, 416 pp., illus. \$24.

Friends and Lovers. Robert Brain. Basic, New York, 1976. 288 pp. \$10.95.

From School to Work. Improving the Transition. A Collection of Policy Papers Prepared for the National Commission for Manpower Policy. National Commission for Manpower Policy, Washington, D.C., 1976 (available form the Superintendent of Documents, Washington, D.C.). x, 310 pp. Paper, \$3. Stock No. 040-000-00364-9.

Genetic Evolution. Chen Kang Chai. University of Chicago Press, Chicago, 1976. xviii, 342 pp., illus. \$20.

The Genus Epilobium (Onagraceae) in Australasia. A Systematic and Evolutionary Study. Peter H. Raven and Tamra Engelhorn Raven. Illustrations by Keith R. West. New Zealand Department of Scientific and Industrial Research, Christchurch, 1976. 322 pp. NZ\$20. New Zealand Department of Scientific and Industrial Research Bulletin 216.

The Good Life. Models for a Healthy Personality. Nicholas S. CiCaprio. Prentice-Hall, Englewood Cliffs, N.J., 1976. xiv, 210 pp. Cloth, \$8.95; paper, \$2.95. A Spectrum Book.

Growth of Crystals. Vol. 10. N. N. Sheftal', Ed. Translated from the Russian edition (Moscow, 1974) by J. E. S. Bradley. Consultants Bureau (Plenum), New York, 1976. x, 290 pp., illus. \$37.50.

Handbook of Learning and Cognitive Processes. Vol. 3, Approaches to Human Learning and Motivation. W. K. Estes, Ed. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). x, 374 pp., illus. \$18.50.

Handbook of Proton Ionization Heats and Related Thermodynamic Quantities. James J. Christensen, Lee D. Hansen, and Reed M. Izatt. Wiley-Interscience, New York, 1976. xvi, 270 pp. \$22.50. Contribution no. 85 from the Center for Thermochemical Studies, Brigham Young University.

Health Care in Yugoslavia and the United States. Robert L. Berg, M. Roy Brooks, Jr., and Miomir Savičevič. National Institutes of Health, Bethesda, Md., 1976 (available from the Superintendent of Documents, Washing ton, D.C.). x, 252 pp., illus. \$5.20. Fogarty International Center Proceedings No. 34. DHEW Publication No. (NIH) 75-911.

The Health of the Oceans. Edward D. Goldberg. Unesco Press, Paris, 1976 (U.S. distribuor, Unipub, New York). 172 pp., illus. Paper, \$9.25.

The Health Robbers. How to Protect Your Money and Your Life. Stephen Barrett and Gilda Knight, Eds. Stickley, Philadelphia, 1976. xiv, 340 pp., illus. \$11.25.

The Heart and Circulation. Peter A. Chevalier, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xxii, 386 pp., illus. \$26. Benchmark Papers in Physiology, vol. 8.

Heartbeat. The Politics of Health Research. Natalie Davis Springarn. Luce, Washington,

SCIENCE, VOL. 194

D.C., 1976 (distributor, McKay, New York). vi, 202 pp. \$9.95.

High-Speed Silicon Planar-Epitaxial Switching Diodes. Miklós Kocsis. Translated from the Hungarian edition. Halsted (Wiley), New York, 1976. 178 pp., illus. \$25.

The Historical Roots of Elementary Mathematics. Lucas N. H. Bunt, Phillip S. Jones, and Jack D. Bedient. Prentice-Hall, Englewood Cliffs, N.J., 1976. xiv, 300 pp., illus. \$11.95.

The History of Psychotherapy. From Healing Magic to Encounter. Jan Ehrenwald, Ed. Aronson, New York, 1976. 590 pp. \$25. History of the Earth Sciences during the Sci-

History of the Earth Sciences during the Scientific and Industrial Revolutions with Special Emphasis on the Physical Geosciences. D. H. Hall. Elsevier, New York, 1976. xii, 298 pp., illus. Paper, \$19.25.

The HLA System. An Introductory Survey. A. Svejgaard and six others. Karger, Basel, 1976. viii, 104 pp. Paper, \$15.50. Monographs in Human Genetics, vol. 7.

Holocene Tidal Sedimentation. George de-Vries Klein, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xvi, 426 pp., illus. \$30. Benchmark Papers in Geology, vol. 30.

Hormone Research I. Papers from a symposium, Jefferson, Ark., Nov. 1974. M. Norvell and T. Shellenberger, Eds. Hemisphere, Washington, D.C., 1976. pp. 543-682, illus. \$21.50. Reprint of *Journal of Toxicology and Environmental Health*, vol. 1, No. 4.

How to Have Intercourse without Getting Screwed. Jennifer Wear and King Holmes. Madrona, Seattle, 1976. xii, 184 pp. Paper, \$3.95.

Human Haemoglobin Variants and Their Characteristics. H. Lehmann and P. A. M. Kynoch. North-Holland, Amsterdam, 1976 (U.S. distributor, Elsevier, New York). vi, 242 pp. \$23.25.

Index Europäischer Kartoffelsorten. Bestimmung durch elektrophorestische Spektren. Zulassungslisten, Bonitierung, genetishce Daten. Index of European Potato Varieties. Hermann Stegemann and Volkmar Loeschcke. Biologische Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, 1976. 214 pp. + plates. Paper, DM 26.40. Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Heft 168.

Infant Nutrition. Doris H. Merritt, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xvi, 432 pp., illus. \$25. Benchmark Papers in Human Physiology, vol. 7. Intermountain Medical Malpractice Semi-

Intermountain Medical Malpractice Seminar. Salt Lake City, Aug. 1975. National Center for Health Services Research, Rockville, Md., 1976. x, 124 pp. Paper. DHEW Publication no. (HRA) 76-3150.

An Introduction to Biology. Robert M. Chute. Harper and Row, New York, 1976. xvi, 456 pp., illus. Paper, \$10.95.

An Introduction to Developmental Biology. John McKenzie. Halsted (Wiley), New York, 1976. viii, 224 pp., illus. Paper, \$10.75.

An Introduction to Energy Conversion. Vol. 1, Basic Thermodynamics. V. Kadambi and Manohar Prasad. Halsted (Wiley), New York, 1976. viii, 240 pp., illus. \$9.95.

An Introduction to Hearing. David M. Green. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). xii, 354 pp., illus. \$16.50.

Island Biology Illustrated by the Land Birds of Jamaica. David Lack. University of California Press, Berkeley, 1976. xviii, 446 pp., illus. \$25. Studies in Ecology, vol. 3.

10 DECEMBER 1976



We want you to make us prove

THIS is the



We'll show you super color-corrected flatfield optics with all objective lenses Apochromats.

You'll view or photograph images that are perfectly flat, crisp and color-true from edge to edge.

You'll work with an infinity-corrected image pick-up without fatigue over long work periods.

Your M8 comes with a magnification range of 6x to 50x (zoom), expandable to 2.4x to 160x with optional accessories. You select your own optical combination and always get a full 1 to 8 zoom ratio. You also have the option of a double-iris diaphragm providing adjustable depth at any power step, both for visual observation and for photography.

You'll find measuring and calibration a literal "snap", with audible thresholds marking each multiple of the initial magnification.

There's much more. All we ask is that you look into the Wild M8. Write or call for Brochure.



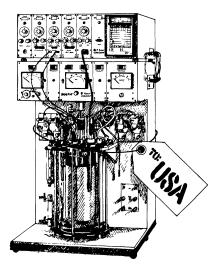
WILD HEERBRUGG INSTRUMENTS, INC.

FARMINGDALE, NEW YORK 11735 • 516-293-7400

WILD OF MEXICO, SA, LONDRES 256, MEXICO 6, D.F.

Circle No. 144 on Readers' Service Card

# The finest fermenter in the world arrives.



B. Braun's BIOSTAT® laboratory fermenters have proven themselves extensively in the most prestigious laboratories of Europe. Now they're available for the first time in the United States and give you a firstclass alternative to other systems.

The essential virtues of BIOSTAT fermenters center around their unexcelled monitoring and regulating features, along with exceptional versatility.

Rugged, continuous-duty systems, BIOSTAT fermenters fulfill all requirements for the submersed, continuous growth of microorganisms on the chemostat and batch principle. Reproducibility is assured through precisely-controlled parameters: temperature, stirring speed, nutrient feeding, anti-foaming, acidity, alkalinity, oxygenation, gas flow, and humidity control.

Sterility? Our multiple sealing systems protect against contamination. The modular nature of the system allows us to tailor an instrument to your precise requirements. Let us convince you. Contact:

### **B. BRAUN INSTRUMENTS** 805 Grandview Drive South San Francisco, CA 94080



Phone (415) 589-9217 Circle No. 136 on Readers' Service Card Judgment Reserved. A Landmark Environmental Case. Frank D. Schaumburg. Reston (Prentice-Hall), Reston, Va., 1976. xviii, 266 pp., illus. \$11.95.

Language, Memory, and Thought. John R. Anderson. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). xiv, 546 pp., illus. \$19.95. The Experimental Psychology Series.

Malignant Bone Tumors. Papers from a symposium, Düsseldorf, Oct. 1974. E. Grundmann, Ed. Springer-Verlag, New York, 1976. viii, 282 pp., illus. \$24.60. Recent Results in Cancer Research, 54.

Marine Insects. Lanna Cheng, Ed. North-Holland, Amsterdam, and Elsevier, New York, 1976. xii, 582 pp., illus. \$62.50.

Mathematical Gems II. Ross Honsberger. Mathematical Association of America, Washington, D.C., 1976. x, 182 pp., illus. \$10. The Dolciani Mathematical Expositions, No. 2.

Nonhuman Primates in Biomedical Research. William Montagna. University of Minnesota Press, Minneapolis, 1976. xiv, 148 pp., illus. \$9.50. The Wesley W. Spink Lectures on Comparative Medicine, vol. 3.

Nuclear Analogue States. Donald Robson and John D. Fox, Eds. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xvi, 384 pp., illus. \$27.50. Benchmark Papers in Nuclear Physics, vol. 1.

The Origin of Forms and Qualities. (The Theorical Part) Robert Boyle. Sheffield Press, Manhattan Beach, Calif., 1976. xiv, 80 pp. Paper, \$5.95.

Perceptions 2: Implications of the Changing Age Structure of the Canadian Population. Science Council of Canada Study on Population and Technology. Lewis Auerbach and Andrea Gerber. Science Council of Canada, Ottawa, 1976 (available from Printing and Publishing Supply and Services Canada, Ottawa). x, 126 pp., illus. Paper, C\$3.90.

**Pesticides.** Boon or Bane? M. B. Green. Westview, Boulder, Colo., 1976. x, 112 pp., illus. \$12.75. Westview Environmental Studies.

**Pharmacognosy**. Varro E. Tyler, Lynn R. Brady, and James E. Robbers. Lea and Febiger, Philadelphia, ed. 7, 1976. x, 538 pp., illus. \$21.50.

Physician Signers of the Declaration of Independence. George E. Gifford, Jr., Ed. Science History Publications (Neale Watson), New York, 1976. vi, 164 pp., illus. \$10.

The Physiopathology of Cancer. F. Homburger, Ed. Vol. 2, Diagnosis, Treatment, Prevention. Michael J. Brennan and Irwin H. Krakoff, Eds. Karger, Basel, ed. 2, 1976. xvi, 368 pp., illus. \$46.50.

The Planet We Live On. Illustrated Encyclopedia of the Earth Sciences. Cornelius S. Hurlbut, Jr., Ed. Abrams, New York, 1976. 528 pp. \$37.50.

Planning Services for Older People. Translating National Objectives into Effective Programs. Proceedings of a workshop, Durham, N.C., Apr. 1975. George L. Maddox and Robin B. Karasik, Eds. Duke Center for the Study of Aging and Human Development, Durham, N.C., 1976. xii, 186 pp. Paper, \$6.

**Pocket Atlas of Human Anatomy**. Based on the International Nomenclature. Heinz Feneis. Translated from the German edition (Stuttgart, 1974). Year Book Medical Publishers, Chicago, and Thieme, Stuttgart, 1976. vi, 472 pp., illus. Paper, \$10.75.

Poliscide. Theodore J. Lowi and Benjamin Ginsberg with eight others. Macmillan, New York, and Collier Macmillan, London, 1976. x, 306 pp. Paper, \$4.95.

**Population Biology.** Thomas C. Emmel. Harper and Row, New York, 1976. xii, 372 pp., illus. \$10.95.

**Potential Energy**. An Analysis of World Energy Technology. Michael Kenward. Cambridge University Press, New York, 1976. x, 228 pp., illus. Cloth, \$14.95; paper, \$5.95.

The Poverty Curtain. Choices for the Third World. Mahbub ul Haq. Columbia University Ppess, New York, 1976. xviii, 248 pp. Cloth, \$12.50; paper, \$5.95.

The Powerholders. David Kipnis. University of Chicago Press, Chicago, 1976. x, 230 pp. \$12.50.

Present Diagnosis and Treatment of Septicemia. Proceedings of a symposium, Madrid, Nov. 1974. L. P. Garrod, H. Seneca, E. Jawetz, and J. Fereres, Eds. Karger, Basel, 1976. viii, 216 pp., illus. \$50.50. Antibiotics and Chemotherapy, vol. 21.

**Preventive Medicine USA**. Education and Training of Health Manpower for Prevention. A Task Force Report sponsored by the John E. Fogarty International Center and the American College of Preventive Medicine. PROD-IST (Neale Watson), New York, 1976. viii, 106 pp. Paper, \$2.95.

**Preventive Medicine USA.** Theory, Practice and Application of Prevention in Environmental Health Services; Social Determinants of Human Health. Task Force Reports sponsored by the John E. Fogarty International Center and the American College of Preventive Medicine. PRODIST (Neale Watson), New York, 1976. viii, 146 pp. Paper, \$3.75.

**Preventive Medicine USA.** Theory, Practice and Application of Prevention in Personal Health Services; Quality Control and Evaluation of Preventive Health Services. Task Force Reports sponsored by the John E. Fogarty International Center and the American College of Preventive Medicine. PRODIST (Neale Watson), New York, 1976. viii, 166 pp. Paper, \$3.95.

Primate Postcranial Remains from the Oligocene of Egypt. Glenn C. Conroy. Karger, Basel, 1976. vi, 134 pp., illus. Paper, \$28. Contributions to Primatology, vol. 8.

**Primatologia**. Handbuch der Primatenkunde. Handbook of Primatology. Manuel de Primatologie. H. Hofer, A. H. Schultz, and D. Starck, Eds. Vol. 4, Lieferung 6, Die Gesichtsmuskeln. Rolf Seiler. Karger, Basel, 1976. viii, 252 pp., illus. Paper, \$62.25.

Proceedings of a Seminar on Nonstructural Flood Plain Management Measures. Fort Belvoir, Va., May 1976. Hydrologic Engineering Center, U.S. Army Corps of Engineers, Davis, Calif., 1976. viii, 194 pp., illus. Paper.

**Processes of Animal Memory**. Papers from a conference, Rock Island, Ill., Oct. 1974. Douglas L. Medin, William A. Roberts, and Roger T. Davis, Eds. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). xiv, 268 pp., illus. \$14.95.

The Psychology of Left and Right. Michael C. Corballis and Ivan L. Beale. Erlbaum, Hillsdale, N.J., 1976 (distributor, Halsted [Wiley], New York). xii, 228 pp., illus. \$14.95.

Quality Detection in Foods. Compiled by J. J. Gaffney. American Society of Agricultural Engineers, St. Joseph, Mich., 1976. vi, 242 pp., illus. Cloth, \$20; paper, \$16.

Quantitative Structure-Activity Relationships. Proceedings of a conference, Prague, June 1973. Miloň Tichý, Ed. Birkhäuser Verlag, Basel, 1976. 266 pp., illus. Sw. Fr. 58.



able, EMI offers the 9789 Photomultiplier with a 10mm high efficiency bialkali cathode and a unique front end geometry. This tube typically operates at 1350 V overall for 4 x 107 gain with a corresponding dark current of 10-10A at 20°C. Total dark counts are typically 50 counts/sec. at 20°C with a further reduction to 10 counts/ sec. at -20°C. The 9789 is available with a guartz (fused silica) window as the 9789QB or with a pyrex window as the 9789B. The 9789 is a direct plug in replacement for the well known 6256/9502.

Detailed Specifications are available from: **GENCOM DIVISION** *Emitronics Inc.* 80 EXPRESS ST., PLAINVIEW, N.Y. 11803 TELEPHONE: (516) 433-5900

Circle No. 143 on Readers' Service Card

The Question of Animal Awareness. Evolutionary Continuity of Mental Experience. Donald R. Griffin. Rockefeller University Press, New York, 1976. viii, 136 pp. \$8.95.

Reclamation. John Lenihan and William W. Fletcher, Eds. Academic Press, New York, 1976. xii, 172 pp., illus. \$14.50. Environment and Man, vol. 4.

Registers for the Detection and Prevention of Genetic Disease. Proceedings of a workshop, Albany, N.Y., Oct. 1975. Alan E. H. Emery and James R. Miller, Eds. Stratton, New York, and Symposia Specialists, Miami, 1976. viii, 124 pp., illus. \$14.95.

Reviews of Physiology, Biochemistry and Pharmacology. Vol. 75. R. H. Adrian and 15 others, Eds. Springer-Verlag, New York, 1976. vi, 200 pp., illus. \$48.40.

The Scientific Journal. Editorial Policies and Practices. Guidelines for Editors, Reviewers, and Authors. Lois DeBakey in collaboration with Paul F. Cranefield and six others. Mosby, St. Louis, 1976. xiv, 130 pp. \$9.95.

Social Change in a Peripheral Society. The Creation of a Balkan Colony. Daniel Chirot. Academic Press, New York, 1976. xx, 180 pp. \$12.50. Studies in Social Discontinuity.

Social Program Implementation. Walter Williams and Richard F. Elmore, Eds. Academic Press, New York, 1976. xvi, 302 pp. \$14.50. Quantitative Studies in Social Relations.

Social Psychology and Intergroup Relations. Michael Billig. Published in cooperation with the European Association of Experimental Social Psychology by Academic Press, New York, 1976. x, 428 pp. \$11.80. European Monographs in Social Psychology 9.

Staphylococci and Their Significance in Foods. Theodore E. Minor and Elmer H. Marth. Elsevier, New York, 1976. xiv, 298 pp. \$33.50.

Stone Age Painting in India. Robert R. R. Brooks and Vishnu S. Wakankar. Yale University Press, New Haven, Conn., 1976. xii, 116 pp., illus. \$15.

The Stone Circles of the British Isles. Aubrey Burl. Yale University Press. New Haven, Conn., 1976. xxii, 410 pp., illus. \$20.

Strategies for Marine Pollution Monitoring. Edward D. Goldberg, Wiley-Interscience, New York, 1976. x, 310 pp., illus. \$21.50.

Structure and Function of Proprioceptors in the Invertebrates. P. J. Mill, Ed. Chapman and Hall, London, and Halsted (Wiley), New York, 1976. xviii, 686 pp., illus. \$45.

Structure of the Human Brain. A Photographic Atlas. Stephen J. DeArmond, Madeline M. Fusco, and Maynard M. Dewey. Oxford University Press, New York, ed. 2, 1976. vi, 186 pp. Spiral bound, \$9.95.

Studies in Harmonic Analysis. Proceedings of a conference, Chicago, June 1974. J. M. Ash, Ed. Mathematical Association of America, Washington, D.C., 1976. xvi, 320 pp. \$15. Studies in Mathematics, vol. 13.

Symposium über den Lungenkrebs. Dec. 1974. W. Widow, Ed. Akademie-Verlag, Berlin, East Germany, 1976. 226 pp., illus. Paper, 43 M. Abhandlungen der Akademie der Wissenschaften der DDR.

Tea. T. Eden. Longman, New York, ed. 3, 1976. xiv, 236 pp., illus. \$29.50. Tropical Agriculture Series.

Teaching the Moderately and Severely Handicapped. Curriculum Objectives, Strategies, and Activities. Vol. 1, Behavior, Self-Care, and Motor Skills. Michael Bender and Peter J. Valletutti. University Park Press, Baltimore, 1976. xii, 362 pp., illus. Spiral bound, \$14.95.

The Telecommunications-Transportation

Six hidden elements revealed by new X-ray analyzer





This new MICROTRACE<sup>™</sup> analyzer can excite the entire volume of a specimen with an X-ray beam — revealing far more elements than conventional electron-beam excitation.

Attached to your SEM, the analyzer uses X-ray excitation in the BULK Mode. It can be switched by pushbutton to the MICRO Mode, which uses conventional electron excitation for micro and surface analysis.

Spectrum A above was obtained by MICRO Mode electron excitation. Spectrum B, obtained by BULK Mode X-ray excitation, reveals six more elements: Cr, Ni, Pb, Bi, Rb and Sr.

BULK Mode X-ray excitation gives you far lower Bremsstrahlung background radiation. Higher sensitivity. Ability to detect subsurface elements. No need for a conductive coating. No specimen damage from high beam currents.

Diameter of the X-ray beam is 1 mm to 6 mm. This patented MICROTRACE analyzer costs about \$1400 more than analyzers without BULK Mode. A little extra money buys you a lot more analytical power.

For all the details contact Nuclear Semiconductor Division, United Scientific Corporation, 1400 Stierlin Road, P.O. Box 1389, Mt. View, Calif. 94042. Phone (415) 969-4646.



Circle No. 228 on Readers' Service Card

**Tradeoff.** Options for Tomorrow. Jack M. Nilles, F. Roy Carlson, Jr., Paul Gray, and Gerhard J. Hanneman. Wiley-Interscience, New York, 1976. xii, 196 pp. \$22.95.

Textbook of Paediatric Nutrition. Donald S. McLaren and David Burman, Eds. Livingstone (Longman), New York, 1976. xii, 416 pp., illus. \$35.

The Theoretical Basis of Electrocardiology. C. V. Nelson and D. B. Geselowitz, Eds. Clarendon (Oxford University Press), New York, 1976. xii, 544 pp., illus. + plates. \$67. Oxford Medical Engineering Series.

Theory and Practice in American Medicine. Historical Studies from the Journal of the History of Medicine and Allied Sciences. Gert H. Brieger, Ed. Science History Publications (Neale Watson), New York, 1976. xvi, 272 pp. Cloth, \$12; paper, \$4.95.

**Traces on the Rhodian Shore**. Nature and Culture in Western Thought from Ancient Times to the End of the Eighteenth Century. Clarence J. Glacken. University of California Press, Berkeley, 1976. xxx, 764 pp., illus. Paper, \$9.95. Reprint of the 1967 edition.

Tritium Measurement Techniques. Recommendations of the National Council on Radiation Protection and Measurements. National Council on Radiation Protection and Measurements, Washington, D.C., 1976. vi, 98 pp., illus. Paper, \$4.50. NCRP Report No. 47.

**Tropical Pulses.** J. Smartt. Longman, New York, 1976. x, 348 pp., illus. \$29.50. Tropical Agriculture Series.

Two Centuries in Retrospect. The Institute of Electrical and Electronics Engineers, New York, 1976. pp. 1265–1456, illus. Paper, \$10. Proceedings of the IEEE, vol. 64, no. 9, Sept. 1976.

Two Surveys of the Crown of Thorns Starfish over a Section of the Great Barrier Reef. A Report of the Steering Committee for the Crown of Thorns Survey, March 1976. R. A. Kenchington and B. Morton. Australian Government Publishing Service, Canberra, 1976. viii, 188 pp., illus. Paper, A\$7.65.

The Underground Gardener. A Low-Cost Way to Year-Round Gardening under Glass. Jack Kramer. Crowell, New York, 1976. xii, 164 pp., illus. Cloth, \$9.95; paper, \$4.95.

The Valley of Mexico. Studies in Pre-Hispanic Ecology and Society. Papers from a seminar, Santa Fe, N.M. Apr. 1972. Eric R. Wolf, Ed. University of New Mexico Press, Albuquerque, 1976. xiv, 338 pp., illus. \$20. A School of American Research Book. School of American Research Advanced Seminar Series.

Verhandlungen der Gesellschaft für Ökologie Wien 1975. Papers from a meeting, Vienna, Sept. 1975. Paul Müller, Ed. Junk, The Hague, 1976. x, 290 pp., illus. Paper, Dfl. 50.

**!Viva Vivas!** Essays in Honor of Eliseo Vivas on the Occasion of his Seventy-Fifth Birthday, July 13, 1976. Henry Regnery, Ed. Liberty Press, Indianapolis, 1976. 380 pp. \$7.95.

Volcanoes and Tectonosphere. Hitoshi Aoki ad Susumu Iizuka, Eds. Tokai University ress, Tokyo, 1976. xxii, 370 pp., illus. \$40. We Called Them Gods. J. S. Hatem. Van-

tage, New York, 1976. xii, 228 pp., illus. \$6.95.

We Came to Help. Monika Schwinn and Bernhard Diehl. Translated from the German edition (Munich, 1973) by Jan van Heurck. Harcourt Brace Jovanovich, New York, 1976. xii, 258 pp. \$8.95. A Helen and Kurt Wolff Book.

10 DECEMBER 1976

# The only thing variable about the SF 770 Spectroflow Monitor for liquid chromatography ...is the wavelength!

 It consistently offers highest sensitivity with low noise and baseline drift.

• It classically follows Beer's law in its measurements.

• It routinely includes an automatic gain control and zero suppression.

• It equally interfaces with all Liquid Chromatography systems.

• It inconspicuously takes up very little room.

• It uniquely incorporates a doublebeam design.

• It invariably is an honest instrument, not relying on gimmicks to achieve unrealistic specs.

 It indubitably is preferred by more liquid chromatographers than all other models combined.



Circle No. 164 on Readers' Service Card



Record Volts, Amps, Pressure, Temperature, Events, More. Or any combinations of these and many other parameters. You can record from two up to eight channels of analog data, or up to four channels of analog and eight channels of event information. A wide variety of useful options and accessories are available as well.

Attention OEM's. Custom mounting arrangements, colors, nameplates, chart paper and scales available.

**New 32 Page Catalog.** Provides details on DC, AC, Temperature, Servo, Multichannel, Event and a variety of special recorder types.



WHO Handbook for Standardized Cancer Registries. World Health Organization, Geneva, 1976 (U.S. distributor, Q Corp., Albany, N.Y.). 94 pp. Spiral bound, \$4.

World Review of Nutrition and Dietetics. Vol. 24. Geoffrey H. Bourne, Ed. Karger, Basel, 1976. x, 262 pp., illus. \$61.50.

Worlds of Pain. Life in the Working-Class Family. Lillian Breslow Rubin. Basic, New York, 1976. xiv, 268 pp. \$11.95.

Zeolite Chemistry and Catalysis. Jule A. Rabo, Ed. American Chemical Society, Washington, D.C., 1976. viii, 796 pp., illus. \$65. ACS Monograph 171.

Zinsser Microbiology. Wolfgang J. Joklik and Hilda P. Willett, Eds. Appleton-Century-Crofts, New York, ed. 16, 1976. xx, 1224 pp., illus. \$32.50.

### **Book Order Service**

A Science Book Order Service, based on the Books Received column, has been established. It is scheduled for each issue in which there is a Readers' Service Card. To order any of the books listed, circle the corresponding number on the Readers' Service Card (pages 1114A and 1194A); the participating publisher(s) will ship the title(s) ordered and send you a bill.

Advances in Heat Transfer. Vol. 12. Thomas F. Irvine, Jr., and James P. Hartnett, Eds. Academic Press, New York, 1976. xiv, 296 pp., illus. \$31. To order his book circle No. 404 on Readers' Service Card.

Advances in Nuclear Science and Technology. Vol. 9. Ernest J. Henley and Jeffery Lewins, Eds. Academic Press, New York, 1976. xviii, 360 pp., illus. \$36.50. To order this book circle No. 416 on Readers' Service Card.

Advances in Physical Organic Chemistry. Vol. 13. V. Gold and D. Bethell, Eds. Academic Press, New York, 1976. viii, 450 pp., illus. \$34. To order this book circle No. 417 on Readers' Service Card.

Analytical Profiles of Drug Substances. Vol. 5. Klaus Florey, Ed. Academic Press, New York, 1976. xii, 560 pp., illus. \$22.50. To order this book circle No. 405 on Readers' Service Card.

Approximation Theory II. Proceedings of a symposium, Austin, Tex., Jan. 1976. G. G. Lorentz, C. K. Chui, and L. L. Schumaker, Eds. Academic Press, New York, 1976. xii, 588 pp. \$23.50. To order this book circle No. 406 on Readers' Service Card.

Biomedical Ethics and the Law. James M. Humber and Robert F. Almeder, Eds. Plenum, New York, 1976. xiv, 542 pp. \$19.50. To order this book circle No. 418 on Readers' Service Card.

Cannabis and Health. J. D. P. Graham, Ed. Academic Press, New York, 1976. xvi, 482 pp., illus. \$36.75. To order this book circle No. 407 on Readers' Service Card.

**CO<sub>2</sub> Lasers.** Effects and Applications. W. W. Duley. Academic Press, New York, 1976. xvi, 428 pp., illus. \$31. Quantum Electronics. To order this book circle No. 408 on Readers' Service Card.

Chemical Oceanography. Vol. 5. J. P. Riley and R. Chester, Eds. Academic Press, New York, ed. 2, 1976. xiv, 402 pp., illus. \$34.25. To order this book circle No. 419 on Readers' Service Card.

Chemistry and Biochemistry of Plant Pig-10 DECEMBER 1976 ments. T. W. Goodwin, Ed. Academic Press, New York, ed. 2, 1976. 2 vols. Vol. 1. xvi, 870 pp., illus. \$65.75. Vol. 2. xiv, 374 pp., illus. \$29.75. To order this book circle No. 420 on Readers' Service Card.

Cognitive Learning in Children. Theories and Strategies. Joel R. Levin and Vernon L. Allen, Eds. Academic Press, New York, 1976. xvi, 298 pp., illus. \$17.50. Educational Psychology. To order this book circle No. 409 on Readers' Service Card.

Culture and Political Economy in Western Sicily. Jane Schneider and Peter Schneider. Academic Press, New York, 1976. xvi, 256 pp., illus. \$15.75. Studies in Social Discontinuity. To order this book circle No. 410 on Readers' Service Card

**Dentition of Living Primates.** Daris R. Swindler. Academic Press, New York, 1976. xviii, 308 pp., illus. \$26.75. To order this book circle No. 421 on Readers' Service Card.

Future Energy Production Systems. Heat and Mass Transfer Processes. Papers from a seminar, Dubrovnik, Yugoslavia, Aug. 1975. Jesse C. Denton and Naim H. Afgan, Eds. Academic Press, New York, and Hemisphere, Washington, D.C., 1976. 2 vols. xii pp. + pp. 1–378, and xii pp. + pp. 381–866, illus. Each vol., \$38. To order this book circle No. 422 on Readers' Service Card.

The Genetics and Biology of Drosophila. Vol. 1b. M. Ashburner and E. Novitski, Eds. Academic Press, New York, 1976. xx pp. + pp. 487–954, illus. + index. \$42.50. To order this book circle No. 411 on Readers' Service Card.

The Genetics and Biology of Drosophila. Vol. 1c. M. Ashburner and E. Novitski, Eds. Academic Press, New York, 1976. xvi pp. + pp. 955–1430, illus. + index. \$42.50. To order this book circle No. 412 on Readers' Service Card.

Handbook of Perception. Vol. 7. Language and Speech. Edward Carterette and Morton P. Friedman, Eds. Academic Press, New York, 1976. xviii, 510 pp., illus. \$29.50. To order this book circle No. 423 on Readers' Service Card.

International Review of Cytology. Vol. 46. G. H. Bourne, J. F. Danielli, and K. W. Jeon, Eds. Academic Press, New York, 1976. x, 410 pp., illus. \$36.50. To order this book circle No. 424 on Readers' Service Card.

Language and Context. The Acquisition of Pragmatics. Elizabeth Bates. Academic Press, New York, 1976. xvi, 376 pp., illus. \$19.95. Language, Thought, and Culture. To order this book circle No. 425 on Readers' Service Card.

Light. R. W. Ditchburn. Academic Press, New York, ed. 3, 1976. xxvi, 776 pp., illus. + index. Cloth, \$49.25; paper (2 vols.), \$17.25 per volume. To order this book circle No. 413 on Readers' Service Card.

**Spectroscopy**. Part B. Dudley Williams, Ed. Academic Press, New York, 1976. xvi, 364 pp., illus. \$37.50. Methods of Experimental Physics, vol. 13. To order this book circle No. 414 on Readers' Service Card.

Symposia Mathematica. Vol. 17. Published for Instituto Nazionale di Alta Matematica, Rome, by Academic Press, New York, 1976. 488 pp. \$31.75. To order this book circle No. 426 on Readers' Service Card.

Theoretical Chemistry. Advances and Perspectives. Vol. 2. Henry Eyring and Douglas Henderson, Eds. Academic Press, New York, 1976. xii, 298 pp., illus. \$30. To order this book circle No. 415 on Readers' Service Card. Cool Kool Counts from Hot Blood

Counting tritiated blood samples larger than  $100\mu$ l has been a problem owing to severe color quenching by the samples and chemical quenching by the reagents. These problems can now be overcome.

In a procedure recently developed at NEN's LSC Applications Laboratory, up to 1.0ml of whole blood can be incorporated without these problems, at the same time yielding tritium counting efficiencies which are quite reasonable. PROTOSOL<sup>®</sup> is the solubilizer and BIOFLUOR<sup>™</sup> Cocktail is the scintillator.

If this procedure would be helpful to you in your work, ask for LSC Applications Note #2: *Preparation of Whole Blood for* LSC, by Dr. Yutaka Kobayashi.



NEN Canada Ltd., Lachine, Quebec; NEN Chemicals GmbH, Dreieichenhain, W. Germany. Circle No. 184 on Readers' Service Card