

indexed, and carry the following titles: "Toxicology," "Ventilation control," "Personnel protection and personal hygiene," "Atmospheric pollution," "Radiation hazards," "Industrial fire protection," "Storage and handling of hazardous materials," "Reactor safeguards," "Allergic disease in industry," "General chemicals," "Shipping regulations," and "Index to synonyms."

The largest section, over 1000 pages, is the one on general chemicals. The various materials are alphabetically arranged and presented under such subjects as synonym, description, formula, physical constants, toxic hazard rating, fire hazard, explosion hazard, disaster control, ventilation control, personal hygiene, and storage and handling. The section on shipping regulations, of some 160 pages, is the next largest in size. This section reproduces appropriate text, tables, and shipping labels from the regulations of the Interstate Commerce Commission (Bureau of Explosives). The remaining sections, varying in length from 8 to 56 pages, bring together additional helpful information related to safety.

This handbook should be found useful not only by persons responsible for producing and maintaining a safe and healthful occupational environment but also by editors, technical writers, investigators, and others engaged in providing information for the improvement of the work environment.

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New Books

The Voyage of the Lucky Dragon. Ralph E. Lapp. Harper, New York, 1958. 213 pp. \$3.50.

The Bacteriology of Tuberculosis. Egons Darzins. University of Minnesota Press, Minneapolis, 1958. 499 pp. \$10.

Nuclear Masses and Their Determination. Proceedings of the conference held in the Max-Planck-Institute für Chemie, Mainz, 10-12 July 1956. H. Hintenberger, Ed. Pergamon Press, New York and London, 1957. 276 pp. \$14.

Ion-Exchange Resins. J. A. Kitchener. Methuen, London; Wiley, New York, 1957. 116 pp. \$2.

The Strategy of the Genes. A discussion of some aspects of theoretical biology. C. H. Waddington. Macmillan, New York, 1957. 271 pp. \$4.

The Grasshoppers and Locusts (Acridoidea) of Australia. vol. III, *Family Acrididae: Subfamily Cyrtacanthacridinae. Tribes Oxyini, Spathosternini, and Praxibulini.* James A. G. Rehn. Commonwealth Scientific and Industrial Organization, Melbourne, Australia, 1957. 273 pp.

The Quest for Identity. Allen Wheelis. Norton, New York, 1958. 250 pp. \$3.95.

God's World and You. O. A. Battista. Bruce, Milwaukee, Wis., 1957. 244 pp. \$3.95.

Bridges and Their Builders. David B. Steinman and Sara Ruth Watson. Dover, New York, rev. ed., 1957. 417 pp. \$1.95.

Selections from Modern Abstract Algebra. Richard V. Andree. Holt, New York, 1958. 224 pp. \$6.50.

Electrical Discharges in Gases. F. M. Penning. Macmillan, New York; Philips, Eindhoven, Netherlands, 1958. 83 pp. \$3.

Plant Design and Economics for Chemical Engineers. Max S. Peters. McGraw-Hill, New York, 1958. 522 pp. \$11.

Biophysical Chemistry. vol. I, *Thermodynamics, Electrostatics, and the Biological Significance of the Properties of Matter.* John T. Edsall and Jeffries Wyman. Academic Press, New York, 1958. 714 pp. \$14.

Magnesium. The fifth major plant nutrient. A. Jacob. Translated from the German by Norman Walker. Staples Press, London, 1958. 171 pp. 40s.

Chemistry of Carbon Compounds. A modern comprehensive treatise. vol. IV, pt. A, *Heterocyclic Compounds.* E. H. Rodd, Ed. Elsevier, New York, 1957 (order from Van Nostrand, Princeton, N.J.). 833 pp. \$28.

Around the World in 90 Minutes. The fabulous true story of the man-made moons. David O. Woodbury. Harcourt, Brace, New York, 1958. 248 pp. \$5.75.

Film Formation, Film Properties, and Film Deterioration. A study by the Research Committee of the Federation of Paint and Varnish Production Clubs. Charles R. Bragdon, Ed. Interscience, New York, 1958. 437 pp. \$9.75.

Science and the Creative Spirit. Essays on humanistic aspects of science. Karl W. Deutsch, F. E. L. Priestley, Harcourt Brown, David Hawkins. Harcourt Brown, Ed. University of Toronto Press, Toronto, Canada, 1958. 192 pp. \$4.50.

Explorations in Role Analysis: Studies of the School Superintendency Role. Neal Gross, Ward S. Mason, Alexander W. McEachern. Wiley, New York; Chapman & Hall, London, 1958. 393 pp. \$8.75.

Science in Everyday Things. William C. Vergara. Harper, New York, 1958. 316 pp. \$3.95.

Fundamentals of Mathematics. M. Richardson. Macmillan, New York, rev. ed., 1958. 525 pp. \$6.50.

General Chemistry. A first course. L. E. Young and C. W. Porter. Prentice-Hall, Englewood Cliffs, N.J., ed. 4, 1958. 639 pp. \$6.75.

Better Report Writing. Willis H. Waldo. Reinhold, New York; Chapman & Hall, London, 1957. 238 pp. \$4.75.

Distributional Check-List of the Birds of Mexico. pt. II, *Pacific Coast Avifauna*, No. 33. Cooper Ornithological Society, Berkeley, Calif., 1957. 436 pp.

Physico-Chemical Effects of Pressure. S. D. Hamann. Academic Press, New York; Butterworths, London, 1957. 246 pp. \$8.50.

Structure Reports, 1951. vol. 15. A. J. C. Wilson, Ed. International Union of Crystallography and Oosthoek, Utrecht, Netherlands, 1957. 588 pp.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

The Relationships between Electroencephalographic and Psychological Data in Normal Adults. P. F. Werre. Universitaire Pers Leiden, Leiden, Netherlands, 1957 (order from Martinus Nijhoff, Lange Veerhout 's-Gravenhage). 152 pp. F. 15.

Public Law Problems in India. A survey report. Proceedings of a conference held at the Stanford Law School, 15 July-16 August 1957. Lawrence F. Ebb, Ed. Stanford University, Stanford, 1957. 194 pp. \$2.50.

Notes on Some Brazilian and Other Leguminosae. Contributions from the U.S. National Herbarium, vol. 29, pt. 12. Arturo Burkart. 7 pp. *Diagnostic Characteristics of the Fruits and Florets of Economic Species of North American Sporobolus.* vol. 34, pt. 1. Vera Lyola Colbry. 24 pp. Smithsonian Institution, Washington, D.C., 1957.

The Medical and Veterinary Importance of Cockroaches. Smithsonian Misc. Collections, vol. 134, No. 10. Louis M. Roth and Edwin R. Willis. 147 pp. *Permian Brachiopods from Central Oregon.* vol. 134, No. 12. G. Arthur Cooper. 79 pp. *Morphology and Taxonomy of the Foraminiferal Genus Pararotalia Le Calvez, 1949.* vol. 135, No. 2. Alfred R. Loeblich, Jr., and Helen Tappan. 24 pp. *Mineralogical Studies on Guatemalan Jade.* vol. 135, No. 5. William F. Foshag. 60 pp. *A Revised Interpretation of the External Reproductive Organs of Male Insects.* vol. 135, No. 6. R. E. Snodgrass. 60 pp. Smithsonian Institution, Washington, D.C., 1957.

Federal Grants and Contracts for Unclassified Research in the Life Sciences. Fiscal year 1956. National Science Foundation, Washington 25, 1957. 241 pp.

The Old Copper Culture and Keweenaw Waterway. Fieldiana: Anthropology, vol. 36, No. 8. George I. Quimby and Albert C. Spaulding. 13 pp. \$0.40. *New Birds from the Philippines.* Philippine Zoological Expedition, 1946-1947. Fieldiana: Zoology, vol. 42, No. 2. Austin L. Rand and D. S. Rabor. 6 pp. \$0.15. Chicago Natural History Museum, Chicago, 1957.

Protoplasmatologia, Handbuch der Protoplasmaforschung. Band I, *Grundlagen*; 1956; 1956. 162 pp. \$12.40. Band II, *Cytoplasma*; 1957. 43 pp. \$7.40. L. V. Heilbrunn and F. Weber, Eds. Springer, Vienna.

Anthropological Papers, Numbers 49-56. Bureau of American Ethnology Bull. 164. Smithsonian Institution, Washington, 1957 (order from Supt. of Documents, GPO, Washington 25). 355 pp. \$2.75.

Geochemical Prospecting. General reconnaissance methods. Nalin R. Mukherjee and Leo Mark Anthony. University of Alaska, College, 1957. 81 pp. \$2.

Danish Review of Game Biology. vol. 3, pt. 2. R. Spärck and H. M. Tamdrup, Eds. Schultz, Copenhagen, Denmark, 1957. 131 pp.