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New Books

Vitamins and Hormones. vol. XV, *Advances in Research and Applications*. Robert S. Harris, G. F. Marrian, Kenneth V. Thimann, Eds. Academic Press, New York, 1957. 366 pp. \$9.50.

Naturally Occurring Quinones. R. H. Thomson. Academic Press, New York; Butterworths, London, 1957. 309 pp. \$9.

The Naval Architecture of Small Craft. D. Phillips-Birt. Philosophical Library, New York, 1958. 358 pp. \$15.

Chemistry of the Steroids. Charles W. Shoppee. Academic Press, New York; Butterworths, London, 1958. 321 pp. \$9.

Chronic Radiation Hazards. An experimental study with fast neutrons. G. J. Neary, R. J. Munson, R. H. Mole. Pergamon Press, New York and London, 1957. 201 pp. \$7.50.

Advances in Protein Chemistry. vol. XII. C. B. Anfinsen, Jr., Kenneth Bailey, M. L. Anson, John T. Edsall, Eds. Academic Press, New York, 1957. 697 pp. \$14.

Process Engineering in the Food Industries. R. J. Clarke. Philosophical Library, New York, 1957. 362 pp. \$10.

Symposium on Antibodies: Their Production and Mechanism of Action. Given at Research Conference for Biology and Medicine of the Atomic Energy Commission. Sponsored by the Biology Division, Oak Ridge National Laboratory, Oak Ridge, Tenn., held at Gatlinburg, Tenn., 8-10 Apr. 1957. Oak Ridge National Laboratory, Oak Ridge, Tenn., 1957. 361 pp.

Polyamide Resins. Don E. Floyd. 239 pp. \$4.50. *Polyurethanes*. Bernard A. Dombrow. 185 pp. \$4.50. *Plastic Sheet Forming*. Robert L. Butzko. 190 pp. \$4.50. Reinhold, New York; Chapman & Hall, London, 1958.

Advances in Biological and Medical Physics. vol. V. John H. Lawrence and Cornelius A. Tobias, Eds. Academic Press, New York, 1957. 498 pp. \$12.

Transistor Physics and Circuits. Robert L. Riddle and Marlin P. Ristenbatt. Prentice-Hall, Englewood Cliffs, N.J., 1958. 435 pp. \$10.

The Harvey Lectures. Delivered under the auspices of the Harvey Society of New York 1956-1957. Under the patronage of the New York Academy of Medicine. Series LII. Academic Press, New York, 1958. 326 pp. \$7.50.

The Anatomy of the World. Relations between natural and moral law from Donne to Pope. Michael Macklem. University of Minnesota Press, Minneapolis, 1958. 147 pp. \$3.50.

Crystal Structures. Supplement III, Chapters I-VIII. Ralph W. G. Wyckoff. Interscience, New York, 1958. Loose leaf for binder. \$20.

Rye-Climate Relationships and the Use of Phenology in Ascertaining the Thermal and Photo-Thermal Requirements of Rye. Based on data of North America and of some thermally analogous areas of North America in the Soviet Union, Finland, Poland, and Czechoslovakia. M. Y. Nuttenson. American Institute of Crop Ecology, Washington, 1958. 224 pp.

The Chemistry of Blood Coagulation. Paul Morawitz. Translated by Robert C. Hartmann and Paul F. Guenther. Thomas, Springfield, Ill., 1958. (originally published as *Die Chemie der Blutgerinnung* by Bergmann, Wiesbaden, Germany, 1905). 194 pp. \$4.50.

Advances in Agronomy. vol. IX. A. G. Norman, Ed. Academic Press, New York, 1957. 319 pp. \$8.

The Principles of Quantum Mechanics. P. A. M. Dirac. Clarendon Press, Oxford, England, ed. 4, 1958. 324 pp. \$5.60.

New Sources of Energy and Economic Development. Solar energy, wind energy, tidal energy, geothermic energy and thermal energy of the seas. Department of Economic and Social Affairs, United Nations, New York, 1957 (order from Columbia University Press, New York 27). 157 pp. Paper, \$1.25.

Qualitative Testing and Inorganic Chemistry. Joseph Nordmann. Wiley, New York; Chapman & Hall, London, 1957. 500 pp. \$6.25.

The Theory of Groups. Hans J. Zassenhaus. Chelsea, New York, ed. 2, 1958. 275 pp. \$6.

Advanced Dynamics. John E. Younger. Ronald Press, New York, 1958. 290 pp. \$8.50.

The Changing Population of the United States. Conrad Taeuber and Irene B. Taeuber. Wiley, New York; Chapman & Hall, London, 1958. 368 pp. \$7.75.

Economic Applications of Atomic Energy. Power generation and industrial and agricultural uses. Report of the Secretary-General. United Nations, New York, 1957 (order from Columbia University Press, New York 27). 118 pp. \$0.50.

Soil Chemical Analysis. M. L. Jackson. Prentice-Hall, Englewood Cliffs, N.J., 1958. 512 pp. \$9.

Applied Differential Equations. Murray R. Spiegel. Prentice-Hall, Englewood Cliffs, N.J., 1958. 396 pp. \$6.75.

Combination of Observations. W. M. Smart. Cambridge University Press, London, 1958. 267 pp. \$6.50.

Therapeutic Heat. Sidney Licht, Ed. Elizabeth Licht, New Haven, 1958. 479 pp. \$12.

The Chemistry of the Actinide Elements. Joseph J. Katz and Glenn T. Seaborg. Methuen, London; Wiley, New York, 1957. 523 pp. \$14.

Elementary Quantitative Analysis. Harold F. Walton. Prentice-Hall, Englewood Cliffs, N.J., 1958. 351 pp. \$5.75.

Laboratory Directions in General Zoology. Mary J. Guthrie and John M. Anderson. Wiley, New York; Chapman & Hall, London, 1958. 241 pp. \$3.50.

Miscellaneous Publications

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

Science News. No. 45. Archie and Nan Clow, Eds. Penguin Books, Baltimore 11, 1957. 125 pp. \$0.65.

Noise from Missile Static Firing and Launch Sites and the Resultant Community Response. WADC Tech. Rept. 57-547. ASTIA Document No. AD 131025. J. N. Cole and H. E. Von Gierke. Wright Air Development Center, Wright-Patterson Air Force Base, Ohio (order from ASTIA Document Service Center, Knott Building, Dayton 2). 45 pp.

Lizard Hunts on the North Coast of Peru. Fieldiana: Anthropology, vol. 36, No. 9. Allan R. Holmberg. 18 pp. \$0.75. *The Venomous Coral Snakes of Trinidad*. Fieldiana: Zoology, vol. 39, No. 8. Karl P. Schmidt. 9 pp. \$0.25. *Notes on Lizards of the Genus Dicrodon*. Fieldiana: Zoology, vol. 39, No. 9. 8 pp. \$0.20. *Geographic Variation in the Central American Colubrine Snake, Ninia Sebae*. Fieldiana: Zoology, vol. 39, No. 10. Karl P. Schmidt and A. Stanley Rand. 12 pp. \$0.25. *Birds from Nepal*. Fieldiana: Zoology, vol. 41, No. 1. Austin L. Rand and Robert L. Fleming. 218 pp. \$3.50. Chicago Natural History Museum, Chicago, 1957.

The Role of Agriculture in Future Society. Symposium papers, Cornell University, 1957. New York State Agricultural Experiment Station, Geneva, 1957. 69 pp.

The Bromeliaceae of Colombia. Contributions from the U.S. National Herbarium, vol. 33. Lyman B. Smith. Smithsonian Institution, Washington 25, 1957. 311 pp.

Geology of Barro Colorado Island, Canal Zone. Misc. Collections, vol. 135, No. 3. W. P. Woodring. 39 pp. *A New Theory on Columbus's Voyage Through the Bahamas*. Misc. Collection, vol. 135, No. 4. Edwin A. Link and Marion C. Link. 45 pp. Smithsonian Institution, Washington, 1958.

Medical Specialization. A survey of existing legislation. World Health Organization, Geneva, Switzerland, 1958. 39 pp. \$0.30.

Malaria Conference for the Eastern Mediterranean and European Regions. Athens, Greece, 11-19 June 1956. WHO Tech. Rept. Ser. No. 132. 47 pp. \$0.60. *Expert Committee on Health Statistics, Fifth Report*. WHO Tech. Rept. Ser. No. 133. 22 pp. \$0.30. *Joint ILO/WHO Committee on Occupational Health, Third Report*. WHO Tech. Rept. Ser. No. 135. 22 pp. \$0.30. *Expert Committee on Yellow Fever Vaccine, First Report*. WHO Tech. Rept. Ser. No. 136. 21 pp. \$0.30. World Health Organization, Geneva, Switzerland, 1957. \$0.30.

Social Science Research Council, Annual Report. The Council, New York 17, 1958. 90 pp.

Ten Years of Building Research. 120 pp. \$1. *National Research Council [Canada], Review, 1957*. National Research Council, Ottawa, Canada, 1957. 289 pp. \$0.75.