

ogy of sedimentary, igneous, and metamorphic rocks to supplement the theoretical and experimental findings. Further experimental work in the fields covered by the book demands a detailed geological framework to test conclusions and to provide guidelines.

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Introduction to Human Anatomy. Carl C. Francis. Mosby, St. Louis, ed. 3, 1959. 548 pp. Illus. + plates, \$5.75.

This is a textbook on human gross anatomy. The material is divided into five units. The first, "The body and body tissues," contains chapters on the body as a whole, surface anatomy, and cells and tissues. The skeleton, joints, and muscles constitute the second unit, "Posture and movement." Unit three, "Integrative mechanisms," is devoted to the nervous system, special sense organs, and the endocrine system. "Maintenance of the body tissues," unit four, is the most extensive; it covers the circulatory, lymphatic, respiratory, digestive and urinary systems, plus the skin and subcutaneous tissues. The fifth unit, "Reproduction," is a discussion of the male and female reproductive systems. There is a glossary of anatomical terms, but the anatomical position is not defined in either the glossary or the text. The Basle Nomina Anatomica terminology is used almost entirely instead of the new anatomical terminology (Nomina Anatomica Parisiensia) adopted in Paris in 1955.

The book is well illustrated with black and white as well as colored figures, many of them drawn from actual specimens. Some of the statements are not strictly true—such as that the specific sex features in the skeleton are confined to the bony pelvis (page 113); that a healthy adult lung completely fills the pleural cavity (page 385); and that most of the abdominal organs are completely clothed by peritoneum (page 410). The descriptions given of the endocrine function of the liver (page 42) and of the pineal body (page 302) are perhaps not wholly accurate. However, these are small points, and the book should be a useful text for teaching human anatomy to nonmedical students.

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Miscellaneous Publications

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

Anthropology in the Armed Services: Research in Environment, Physique, and Social Organization. Papers read at the annual meeting of the Society for Applied Anthropology, Syracuse University, 3 April 1958. Louis Dupree, Ed. Social Science Research Center, Pennsylvania State Univ., University Park, 1959. 53 pp.

Attitudes of Certain High School Seniors toward Science and Scientific Careers. Science Manpower Project Monogr. Hugh Allen, Jr. Teachers College, Columbia Univ., New York, 1959. 52 pp. \$1.25.

The Belcher Mound. A stratified Caddoan site in Caddo Parish, Louisiana. Memoirs No. 16. Clarence H. Webb. Soc. for American Archaeology, Logan Museum, Beloit College, Beloit, Wis., 1959. 212 pp. \$3.

Bibliography of Monolingual Scientific and Technical Glossaries. Miscellaneous sources. Eugen Wüster. United Nations Educational, Scientific and Cultural Organization, Geneva, 1959 (order from Columbia Univ. Press, New York). 146 pp. \$2.50.

Bibliography on Public Administration in Turkey, 1928–1957. Selective and annotated. Albert L. Sturm and Cemal Mihçioğlu, Codirectors. Inst. of Administrative Sciences, Univ. of Ankara; Graduate School of Public Administration and Social Service, New York Univ., New York, 1959. 227 pp.

The Birds of Isla Escudo de Veraguas, Panama. Misc. Collections, vol. 139, No. 2. Alexander Wetmore. Smithsonian Institution, Washington, D.C., 1959. 27 pp.

British Instruments. Directory and buyers' guide, 1959. Scientific Instruments Manufacturers' Assoc. and United Science Press Ltd., London, 1959. 322 pp. £2 2s.

Closed-Circuit Television. Teaching in Washington County 1958–1959. Progress report. Board of Education, Hagerstown, Md., 1959. 50 pp.

Crystal Structures. Suppl. 4, additions to chapters 9, 10, and 13–15, 1959. Interscience, New York, 1959. Unbound pages, \$22.

Détecteurs de particules. Mécanisme et réalisation. Daniel Blanc. Masson, Paris, 1959. 323 pp. F. 3900.

Etude des sommes d'exponentielles. Publications de l'Institut de Mathématique de l'Université de Strasbourg. Laurent Schwartz. Hermann, Paris, 1959. 147 pp. F. 1800.

Expert Committee on Nutrition, Joint FAO/WHO, Fifth Report. WHO Tech. Rept. Ser., No. 149. Food and Agriculture Organization of the United Nations, Rome, 1958 (order from Columbia Univ. Press, New York). 55 pp. \$0.60.

Foundations of Thermodynamics. With antitheses and disputation. Sven Svanteson. Almqvist & Wiksell, Stockholm, Sweden, 86 pp. Kr. 12.

General Zoology. Laboratory manual to accompany Moment's *General Zoology*. H. Bentley Glass, Gairdner B. Moment, Neal A. Weber. Houghton Mifflin, Boston, Mass., 1959. 293 pp. \$3.75.

Geology of the La Venta Badlands, Colombia, South America. Publ. in Geological Sciences, vol. 32, No. 6. Robert W. Fields. Univ. of California Press, Berkeley, 1959. 40 pp. \$1.

Intersociety Conference on Irrigation and Drainage, First. Conference theme: "Can man develop a permanent irrigation agriculture?" Conference sponsors: American Society of Civil Engineers, American Society of Agricultural Engineers, and Soil Science Society of America in cooperation with International Commission on Irrigation and Drainage. Robert M. Hagan, Ed. U.S. National Committee, International Commission on Irrigation and Drainage, P.O. Box 7826, Denver 15, Colo., 1959. 134 pp. \$4.50.

Japan, Three Epochs of Modern Education. Bull. 1959, No. 11. Ronald S. Anderson. U.S. Office of Education, Washington, D.C., 1959 (order from Supt. of Documents, GPO, Washington 25). 219 pp. \$1.25.

Manual of Scientific Russian. Thomas F. Magner. Prentice Hall, Englewood Cliffs, N.J., 1959. 101 pp. \$3.95.

The Nephrotic Syndrome. Proceedings of the 10th annual conference. Jack Metcoff, Ed. National Kidney Disease Foundation, New York, 1959. 283 pp.

Open Doors, 1959. A report on international exchange. Inst. of International Education, New York 21, 1959. 50 pp. \$1.

Spring Lake Archeology. Science Bull. No. 3, pt. 3, "The Sorg Site," Elden Johnson, 36 pp.; Science Bull. No. 3, pt. 4, "The Vegetation of the Spring Lake Area," Gilbert A. Leisman, 16 pp. Science Museum, St. Paul Inst., St. Paul, Minn., 1959. \$1 each.

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The Temperature of British Fish during Distribution in Summer. Torry Tech. Paper No. 1. G. H. O. Burgess, R. M. Cockburn, C. L. Cutting, W. B. Robb. Dept. of Scientific and Industrial Research, London, S.W.1, 1959. 55 pp. 3s. 6d.

Union Constitutions. Leo Bromwich. Fund for the Republic, New York 17, 1959. 44 pp.

Zoonoses, Joint WHO/FAO Expert Committee, Second Report. WHO Tech. Rept. Ser. No. 169. 82 pp. \$0.60. *Biological Standardization, Expert Committee, Twelfth Report.* WHO Tech. Rept. Ser. No. 172. 44 pp. \$0.30. *Mental Health Problems of Aging and the Aged.* WHO Tech. Rept. Ser. No. 171. 51 pp. \$0.60. *Notification of Communicable Diseases.* A survey of existing legislation. 51 pp. \$0.70. World Health Organization, Geneva, 1959 (order from Columbia Univ. Press, New York).