

plutei by this method, Morgan asked Loeb how he knew the larvae had cilia. To this Loeb gave his fitting and famous reply: "Because I drove each cilium in with a hammer!"

The book is a masterpiece of thoroughness and organization and will be of great value to the beginner in research and to the veteran investigator. The typography by the G. J. Thieme Press of Nijmegen, the Netherlands, merits special note, and is a delight to the eye.

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## New Books

*Introduction to Solid State Physics.* Charles Kittel. Wiley, New York; Chapman & Hall, London, ed. 2, 1956. 617 pp. \$12.

*A Practical Manual of Medical and Biological Staining Techniques.* Edward Gurr. Interscience, New York, ed. 2, 1956. 451 pp. \$6.50.

*Work, Workers and Work Measurement.* Adam Abruzzi. Columbia University Press, New York, 1956. 318 pp. \$7.50.

*Petrographic Modal Analysis.* An elementary statistical appraisal. Felix Chayes. Wiley, New York; Chapman & Hall, London, 1956. 113 pp. \$5.50.

*Educating Spastic Children.* The education and guidance of the cerebral palsied. F. Eleanor Schonell. Philosophical Library, New York, 1956. 242 pp. \$6.

*Essentials of Histology.* Margaret M. Hoskins and Gerrit Bevelander. Mosby, St. Louis, ed. 3, 1956. 254 pp. \$4.

*Research in the Effects and Influences of the Nuclear Bomb Test Explosions.* pts. I and II. Compiled by the Committee for Compilation of Report on Research in the Effects of Radioactivity. Japan Society for the Promotion of Science, Ueno, Tokyo, 1956 (order from Stechert-Hafner, New York 3). 1824 pp. \$26.50.

*Preparing for Motherhood.* A manual for expectant parents. Samuel R. Meaker. Year Book, Chicago, 1956. 196 pp.

*Discovery of the Elements.* Mary E. Weeks. Henry M. Leicester, Ed. Journal of Chemical Education, Easton, Pa., ed. 6, 1956. 910 pp. \$10.

*Science and Economic Development: New Patterns of Living.* Richard L. Meirer. Technology Press, Cambridge, Mass.; Wiley, New York; Chapman & Hall, London, 1956. 266 pp. \$6.

*Minado.* A tale of the Quebec wilderness. Erle Wilson. Appleton-Century-Crofts, New York, 1956. 191 pp. \$3.50.

*The Future of Arid Lands.* Papers and recommendations from the International Arid Lands Meeting. Publ. No. 43. Gilbert F. White, Ed. American Association for the Advancement of Science, Washington, 1956. \$6.75; \$5.75, members.

*The Nature of Brucellosis.* Wesley W. Spink. University of Minnesota Press, Minneapolis, 1956. 464 pp. \$8.

*The Scientific Thought of Henry Adams.* Henry Wasser. The Author, University of Salonika, Greece, 1956. 127 pp.

*Changes of State.* A mathematical-physical assessment. H. N. V. Temperley. Cleaver-Hume, London; Interscience, New York, 1956. 324 pp. \$7.50.

*Methods of Chemical Analysis for Soil Survey Samples.* Soil Bureau Bull. 12. A. J. Metson. New Zealand Department of Scientific and Industrial Research, Wellington, 1956. 208 pp. 30s.

*Engineering Analysis.* A survey of numerical procedures. Stephen H. Crandall. McGraw-Hill, New York, 1956. 416 pp. \$9.50.

*Technology and Engineering.* Reactor coolants, moderators, heat transfer, reactor chemistry, and corrosion of reactor materials. R. Hurst and S. McLain, Eds. McGraw-Hill, New York; Pergamon Press, London, 1956. 420 pp. \$12.

*Philosophy of Science.* pt. 1, *Science in General.* Duquesne Studies, Philosophical Ser. 6. P. Henry van Laer in collaboration with Henry J. Koren. Duquesne University, Pittsburgh 19, Pa.; Nauwelaerts, Louvain, Belgium, 1956. 164 pp. Cloth, \$3.75; paper, \$3.

*Contributions to the Theory of Non-linear Oscillations.* vol. III. S. Lefschetz. Princeton University Press, Princeton, N.J., 1956. 285 pp. \$4.

*Disposal of Sewage and other Water-Borne Wastes.* Karl Imhoff, W. J. Müller, D. K. B. Thistlethwaite. Based on a translation of Imhoff's *Taschenbuch der Stadtentwässerung*, ed. 16, 1956. Butterworths, London, 1956. 347 pp. 45s.

*Up-Hill All the Way, the Life of Maynard Shipley.* Miriam Allen DeFord. Antioch Press, Yellow Springs, Ohio, 1956. 255 pp. \$4.

*General Relativity and Cosmology.* vol. 4 of International Astrophysics Ser. G. C. McVittie. Wiley, New York, 1956. 198 pp. \$9.

*Dendroclimatic Changes in Semiarid America.* Edmund Schulman. University of Arizona Press, Tucson, 1956. 142 pp. \$3.

*An Introduction to Matrix Tensor Methods in Theoretical and Applied Mechanics.* Sidney F. Borg. Edwards, Ann Arbor, Mich., 1956. 202 pp. \$4.75.

*Concise Anatomy.* Linden F. Edwards. McGraw-Hill, New York, ed. 2, 1956. 502 pp. \$7.50.

*Lectures on Rock Magnetism.* Being the second Weizmann Memorial Lectures, December, 1954. P. M. S. Blackett. Weizmann Science Press of Israel, Jerusalem, 1956. 131 pp. \$5.

*Conference on Tissue Fine Structure.* Arden House, Harriman, N.Y., 16-18 Jan. 1956. Keith R. Porter, Ed. *Journal of Biophysical and Biochemical Cytology*, vol. 2, No. 4, pt. 2, suppl. Rockefeller Institute for Medical Research, New York, 1956. 454 pp. \$5.

*Biochemical Techniques, a Laboratory Manual.* F. M. Strong. Burgess, Minneapolis, Minn., 1956. 78 pp. \$3.

*The Rabbit in Experimental Physiology.* Harold M. Kaplan. Scholar's Library, New York, 1956. 69 pp. \$2.50.

*Chemical Engineering Practice.* vol. 1, *General.* Herbert W. Cremer, Ed. Academic Press, New York; Butterworths, London, 1956. 494 pp. \$13.30 per volume on orders for complete set; \$17.50.

*Polymer Solutions.* H. Tompa. Academic Press, New York; Butterworths, London, 1956. 325 pp. \$8.50.

*Rattlesnakes.* Their habits, life histories, and influence on mankind. vols. 1 and 2. Laurence M. Klauber. University of California Press (for the Zoological Society of San Diego), Berkeley, 1956. 1476 pp. \$17.50 per set.

*Fundamentals of Immunology.* William C. Boyd. Interscience, New York, ed. 3, 1956. 776 pp. \$10.

*The Earth We Live on.* The story of geological discovery. Ruth Moore. Knopf, New York, 1956. 416 pp. \$6.

## Miscellaneous Publications

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

*Annotated Bibliography of Geologic and Soils Literature of Western North Pacific Islands.* Helen L. Foster. U.S. Army, Chief of Engineers, Washington 25, 1956. 884 pp.

*The Plankton of the Beaufort and Chukchi Sea Areas of the Arctic and Its Relation to the Hydrography.* Arctic Institute of North America Tech. Paper No. 1. Martin W. Johnson. Arctic Institute of North America, Montreal, Canada, 1956. 32 pp. \$0.50.

*Ruwenzori Expedition, 1934-35. Tipulidae.* vol. 1, No. 7. Charles P. Alexander. British Museum (Natural History), London, 1956. 251 pp. £3.

*Trends in the Employment and Training of Scientists and Engineers.* Prepared for the National Committee for the Development of Scientists and Engineers. National Science Foundation, Washington, 1956 (order from Supt. of Documents, GPO, Washington 25). 23 pp. \$0.20.

*Crustacean Metamorphoses.* Smithsonian Misc. Coll., vol. 131, No. 10. R. E. Snodgrass. Smithsonian Institution, Washington, 1956. 78 pp.

*A Short Course in Radiological Protection.* A.E.R.E. H.P./L. 23. Health Physics Division and Isotope School A.E.R.E. R. J. Sherwood and H. J. Dunster, Eds. Atomic Energy Research Establishment, Harwell, England, 1956. 100 pp. 3s. 3d.

*Rapport Annuel sur le Fonctionnement Technique de l'Institut Pasteur de Saigon, 1955.* Instituts Pasteur au Viet-Nam, Saigon, 1956. 114 pp.

*Symposium on Rock Mechanics.* Papers and discussion from the 1st annual Symposium on Rock Mechanics, Colorado School of Mines 23-25 Apr. 1956. Quarterly of the Colorado School of Mines, vol. 51, No. 3. Colorado School of Mines, Golden, 1956. 239 pp. \$2.

*Developments in the Accreditation of Teacher Education in the United States.* National Catholic Education Association Special Study No. 1. George F. Donovan. National Catholic Educational Association, Washington 6, 1956. 66 pp. \$1.25.

*Landscape Evolution in the High Ituri Belgian Congo.* Série Scientifique No. 66. Robert V. Ruhe. Institut National pour l'Étude Agronomique du Congo Belge, Brussels, 1956. 108 pp. F. 90.