

ologists. What is needed is a textbook that does not shy away from mathematical equations and physical theory but includes everything needed and insists that the student be properly prepared before he attempts to master the field. This is not such a book. The author is probably even now at work on the revisions for the fourth edition. It would be a great day for geography, meteorology, and climatology if he were to adopt a completely uncompromising position and write the book that needs to be written, leaving it to the student to prepare himself as he should for using it.

C. W. THORNTON

Johns Hopkins University Laboratory of Climatology

Directory of Hydrobiological Laboratories and Personnel in North America. Robert W. Hiatt, Ed. Univ. of Hawaii Press, Honolulu, 1954. ix + 324 pp. Illus. \$3.75.

A listing of 187 laboratories, this directory gives for each laboratory the senior officer, institutional affiliation, objectives, scope of activities, season for operation, and environments stressed. Major research facilities, capital equipment, and provisions for publication are indicated. Instructional programs, teaching facilities, scientific staff, and accommodations available are described. Biographical sketches of 1300 personnel give institutional affiliation, mailing address, field of specialization, current research project, and field experience by geographic region. Data for all laboratories are broken down into a treatment of inland laboratories and coastal laboratories and finally segregated by geographic area.

Miscellaneous Publications

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

The Carnegie Unit: Its Origin, Status, and Trends. Bull. 1954, No. 7. Ellsworth Tompkins and Walter H. Gaumnitz. Dept. of Health, Education, and Welfare, Washington 25, 1954 (Order from Supt. of Documents, GPO, Washington 25). 58 pp. 25¢.

America's Demand for Wood 1929-1975. Summary of a report by Stanford Research Inst. Weyerhaeuser Timber Co., Tacoma, Wash., 1954. 94 pp.

Role of the Pituitary in Cancer. The clinical value of pituitary lipid treatment. Henry K. Wachtel. William-Frederick Press, New York, 1954. 31 pp. \$2.

The Fetal Pig. A photographic study. W. L. Evans and Addison E. Lee, with photographs by George Tatum. The authors, Univ. of Texas, Austin, 1954. 51 pp. \$1.25.

The Office of the Premier in French Foreign Policy-Making: An Application of Decision-Making Analysis. Foreign Policy Analysis Ser., No. 5. Edgar S. Furniss, Jr. Organizational Behavior Sec., Princeton Univ., Princeton, N.J., 1954. 67 pp.

American Universities in Technical Cooperation. 15 pp. **Technical Cooperation Programs around the World.** 18 pp. Foreign Operations Administration, Washington 25, 1954.

Helpful Publications. International Nickel Co., New York 5, 1954. 19 pp. Gratis.

Life Insurance Medical Research Fund Ninth Annual Report, 1953-54. The Fund, 345 E. 46 St., New York 17, 1954. 90 pp.

Rice and Rice Diets. A survey prepared by the Nutrition Div. FAO Nutritional Studies No. 1, rev. ed. Food and Agriculture Organization of the United Nations, Rome, Italy, 1954 (Order from Columbia Univ. Press, New York 27). 78 pp. 75¢.

Practical Refractometry by Means of the Microscope. Roy M. Allen. R. P. Cargille Laboratories, New York 6, 1954. 60 pp. \$1.

Current Conceptions on Air Pollution. W. C. L. Hemeon. Industrial Hygiene Foundation, Pittsburgh 13, 1954. 27 pp. Gratis.

Funcionamiento de un Generador en Cascadas de Alta Tensión. Miscelanea No. 1. E. J. Bertomeu and C. A. Mallmann. Comisión Nacional de la Energía Atómica, Buenos Aires, Argentina, 1954. 16 pp.

Field Investigation of Wave Energy Loss in Shallow Water Ocean Waves. Tech. Memo. No. 46. Charles L. Bretschneider. Beach Erosion Board, Corps of Engineers, Dept. of the Army, Washington 25, 1954. 42 pp.

Concerning Smithsonian Pyrheliometry. Misc. Coll., vol. 123, No. 5. C. G. Abbot, L. B. Aldrich, and A. G. Froiland. Smithsonian Institution, Washington, 1954. 4 pp.

Escape to Freedom. The story of the U.S. escapee program. Foreign Operations Administration, Washington 25. 22 pp.

Studies in the Ecology of the Narrow-Mouthed Toad, Microhyla Carolinensis Carolinensis. Tulane Studies in Zoology, vol. 2, No. 2. Paul K. Anderson. Tulane Univ., New Orleans, 1954. 32 pp. 50¢.

The General Agreement on Tariffs and Trade. Negotiations under the Trade Agreement Act of 1934 as amended and extended. Dept. of State Publ. 5653. Prepared by Interdepartmental Trade Agreement Organization. Dept. of State, Washington 25, 1954 (Order from Supt. of Documents, GPO, Washington 25). 40 pp. 20¢.

On the Biology of Some Javanese Loranthaceae and the Role Birds Play in Their Life-History. Beaufortia, vol. 4, No. 41. W. M. Doeters Van Leeuwen. Zoological Museum, Amsterdam, 1954. 102 pp.

Highway Accidents and Related Factors. Highway Research Bd. Bull. 91. Natl. Acad. of Sciences-Natl. Research Council, Washington 25, 1954. 54 pp. 75¢.

The Rauwolfia Story. From primitive medicine to alkaloidal therapy. Ciba Pharmaceutical Products, Summit, N.J., 1954. 63 pp.

Science News 33. A. W. Haslett, Ed. Penguin Books, Baltimore, 1954. 127 pp. 50¢.

AAR Research Activities-1954. Third annual report. Assoc. of American Railroads, Chicago 16, 1954. 40 pp.

The Atmospheric Lunar Tides. Meteorological Papers, vol. 2, No. 3. Ryukichi Sawada. New York Univ. Press, New York 3, 1954. 31 pp. \$1.50.

Psychology as a Profession. DPP 8. Robert I. Watson. Doubleday, Garden City, N.Y., 1954. 65 pp. 95¢.

Thermal Conductivity of Metals and Alloys at Low Temperatures. A review of the literature. NBS Circ. 556. Robert L. Powell and William A. Blanpied. Natl. Bur. of Standards, Washington 25, 1954 (Order from Supt. of Documents, GPO, Washington 25). 68 pp. 50¢.

An Annotated Bibliography of the Fossil Mammals of Africa (1742-1950). Fossil Mammals of Africa, No. 8. Arthur Tindell Hopwood and June Pamela Hollyfield. British Museum (Natural History), London, 1954. 194 pp. £2 5s.