

Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publications direct from issuing organizations.

ABC OF ORCHID GROWING—John V. Watkins—*Ziff-Davis*, 134 p., illus., \$3.00. Complete details of propagation and care for hobbyists.

ADVANCES IN GENETICS, VOLUME II—M. Demerec, Ed.—*Academic Press*, 373 p., illus., \$7.50. Including sections on the genetics of cancer and the genetic effects of radiations along with others.

THE ARMY AIR FORCES IN WORLD WAR II, VOLUME ONE: Plans and Early Operations, January 1939 to August 1942—Wesley Frank Craven and James Lea Cate, Eds.—*University of Chicago Press*, 788 p., illus., \$5.00. Carrying the story from the preludes to war through the disaster of Pearl Harbor, the defense of America, development of air transport and ferrying, loss of Netherlands East Indies, defense of Australia up to preparations for the air war against Germany.

BIBLIOGRAPHY ON FROST ACTION IN SOILS, ANNOTATED—*Highway Research Board*, 57 p., mimeographed, paper, 45 cents. Chronologically arranged and indexed.

THE CHEMOTHERAPY OF FILARIASIS—L. L. Ashburn and others—*New York Academy of Sciences*, 152 p., illus., paper, \$2.50. Includes 15 papers on recent advances.

CONTRIBUTIONS TO EMBRYOLOGY, VOLUME XXXII, Nos. 207 to 212—*Carnegie Institution of Washington*, 261 p., illus., paper \$8.50, cloth \$9.00. Important technical papers, including a survey of the Carnegie Collection of human embryos.

THE FARMER'S HANDBOOK—John M. White—*University of Oklahoma Press*, 440 p., illus., \$4.95. An excellent, complete and beautifully presented encyclopedia of farming.

HARVARD FOREST PAPERS, VOLUME I, No. 1: Changes in the Insect Fauna of a New England Woodland Following the Application of DDT—Charles T. Brues—*Harvard Forest*, 18 p., paper, 50 cents.

HARVARD FOREST PAPERS, VOLUME I, No. 2: The Relation of Tree Development to the Timing of the First Thinning in Even-Aged Hardwood Stands—Torkel Holsoe—*Harvard Forest*, 7 p., paper, 25 cents.

HOW TO BE AN EXPERT CAR BUYER: A Special Report for Every Car Buyer and Car Owner—W. J. K. Cummings—*Cummings Enterprises*, 96 p., illus., paper, \$1.00. Information on what to look for, detection of mechanical defects, estimating costs, insurance and financing.

INDEX TO A.S.T.M. STANDARDS—*American Society for Testing Materials*, 240 p., paper, free upon request direct to American Society for Testing Materials, 1916 Race Street, Philadelphia 3, Pa.

THE INHIBITION OF MALARIAL RELAPSES BY TOXOID OF CLOSTRIDIUM TETANI—Eusebio Y. Garcia—*New York Academy of Sciences*, 16 p., illus., paper, 75 cents. Result of an accidental discovery that tetanus toxoid cured malaria.

INTER-AMERICAN CONFERENCE FOR THE MAINTENANCE OF CONTINENTAL PEACE AND SECURITY, QUITANDINHA, BRAZIL, August 15-September 2, 1947—Delegation of the United States of America—*Govt. Printing Office*, 225 p., paper, 40 cents. The appendices contain the final conference documents and

also background documents such as the Act of Chapultepec.

LOGARITHMS ARE EASY—J. Lucien Jones and James Bernard Jones—*Virginia Polytechnic Institute*, 26 p., paper, free upon request direct to the Virginia Polytechnic Institute, Blacksburg, Va.

MELLON INSTITUTE IN 1947-1948—*Mellon Institute of Industrial Research*, 6 p., illus., paper, free on request direct to the Mellon Institute, University of Pittsburgh, Pittsburgh, 13, Pa. Reprint from *Chemical and Engineering News*.

PROCEEDINGS OF THE FOREST PRODUCTS RESEARCH SOCIETY, VOLUME I—*Forest Products Research Society*, 340 p., \$6.00. Includes papers on the chemical utilization of wood and integrated logging, engineering aspects of wood use and on preservation and seasoning.

SOME UNSOLVED PROBLEMS IN THE CHEMISTRY OF THE NUCLEIC ACIDS—R. Stuart Tipson—*Mellon Institute*, 7 p., paper, free upon request direct to the Mellon Institute of Industrial Research, University of Pittsburgh, Pittsburgh 13, Pa. Reprinted from the *Journal of the American Pharmaceutical Association*.

UNITED STATES ARMY IN WORLD WAR II, THE ARMY GROUND FORCES: The Procurement and Training of Ground Combat Troops—Robert R. Palmer, Bell I. Wiley and William R. Keast of the Historical Section, Army Ground Forces—*Govt. Printing Office*, 696 p., \$4.50. Reveals details, undisclosed during the war, of the Army Specialized Training Program, the sudden ending of the ASTP and other matters of special interest to scientists and educators.

THE VERTEBRATE FAUNA OF THE SELMA FORMATION OF ALABAMA: PART I, INTRODUCTION; PART II, THE PLEURODIRAN TURTLES—Rainer Zangerl—*Chicago Natural History Museum*, 54 p., illus., paper, \$1.50.

YOUR SKIN AND ITS CARE—Howard T. Behrman and Oscar L. Levin—*Emerson*, 255 p., illus., \$2.50. Intended for the ordinary person who must make the most of his own face.

Science News Letter, July 3, 1948

TELEPHONY

Frequency Bands Proposed For Radiotelephony

➤ INCREASING use of telephones in motor vehicles for communication to offices and homes through radiotelephony has resulted in proposals by the Federal Communications Commission to supplant present service with three new classes of mobile service on a regular basis and establish radio frequency bands for each.

The proposed three classes are:

1. Land Transportation Radio service for intercity buses and trucks, urban transit vehicles, railroads and taxicabs.

2. Domestic Public Mobile Radiotelephone service, a common carrier service to the general public.

3. Industrial Radio service for delivery and pickup trucks, auto clubs, doctors' cars and ambulances.

The frequency bands proposed for each classification are now available in a release of the Federal Communications Commission, and may be obtained from its office in Washington. The proposed new services consolidate a number of radio services, reduce the overlap between them, and increase the number of businesses eligible to use radio media.

While certain uses of radio warrant the establishment of independent services, the federal office states, others fall readily into general classifications and need only to be subdivided by types of stations. For example, the power, petroleum, and logging groups have demonstrated a need for communications on a national basis, while others require only a local type of operation.

Science News Letter, July 3, 1948

GEOLOGY

Volcanoes Roared in India 250 Million Years Ago

➤ EVIDENCE that volcanoes roared in northwestern India a quarter of a billion years ago has been found by S. R. N. Rao, University of Lucknow geologist. In a formation of slate near Srinagar, Kashmir, he discovered the split half of a volcanic bomb, which is a hollow mass of lava of a type often thrown out by volcanoes.

In the same slate were fossils indicating that it had been formed during the geologic period following the Coal Age, some 250 million years ago.

The discovery has been reported to the British journal, *Nature* (June 5), by Prof. R. C. Misra of the University.

Science News Letter, July 3, 1948

HOUSES OF EARTH

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