

# Books of the Week

THE ADVANCEMENT OF SCIENCE—Vol. 3, No. 11, *British Assn. for the Advancement of Science*, 66 p., 5s. Contains Science in Education by A. E. McKenzie; Producing Oils by Dr. G. D. Hobson; Plant Breeding and Genetics Today by Dr. P. S. Hudson; Science in Building by J. L. Martin.

AMERICAN AVIATION DIRECTORY—Wayne W. Parrish—*American Aviation Associates*, 649 p., \$7.50. Fall-Winter, 1945-46. Aviation officials and companies of U. S., Canada, Latin America, Africa, Europe and Australasia.

BIOLOGICAL FIELD STATIONS OF THE WORLD—Homer A. Jack—*Chronica Botanica Co.*, 73 p., diagr., \$2.50. Presents heretofore scattered and unpublished material; will aid in the selection of a station for study or research and will show directors of biological stations how their fellow-administrators are solving problems attendant upon the administration of these institutions.

CHECK-LIST OF BIRDS OF THE WORLD—vol. 5—James Lee Peters—*Harvard Univ. Press*, 306 p., \$5. Treats the following families: Trochilidae, Coliidae, Trogonidae, Alcedinidae, Todidae, Momotidae, Meropidae, Coraciidae, Léptosomatidae, Upupidae, Phoeniculidae and Bucerotidae. Gives description of the geographical range of each form and lists the more recent literature on each form.

ELECTRON OPTICS AND THE ELECTRON MICROSCOPE—V. K. Zworykin, G. A. Morton, E. C. Ramberg, J. Hillier, A. W. Vance—*John Wiley*, 766 p., diagr. and illus., \$10. Will aid the electron microscopist in understanding and utilizing his instrument to the fullest advantage and will assist the electron optical designer with practical and theoretical knowledge.

FOREST PRODUCTS RESEARCH GUIDE IN FUNDAMENTAL AND APPLIED RESEARCH—*American Forest Products Industries*, 142 p., \$2. Summarizes the sources of reliable scientific and technical information resulting from research in forest products and the further research needed to round out the knowledge of wood necessary for maximum wood products development.

JOBS AND THE MAN—Luther E. Woodward and Thomas A. C. Rennie—*Charles C. Thomas*, 132 p., charts, \$2. Expert advice for employers and supervisors, especially those hiring veterans coming back nervous, written by men who have dealt directly with these problems.

MAKING HEALTH VISIBLE—*Board of Trustees of Cleveland Health Museum* 32 p., illus., 25 cents. A summary of original objectives, early and current organization, present status, description of exhibits, future aims of the Cleveland Health Museum.

SURGICAL TREATMENT OF THE MOTOR-SKELETAL SYSTEM—Frederic W. Bancroft and Clay Ray Murray, Editors—*Lippincott*, 1283 p., diagr. and illus., \$20 (two volumes). Designed for the use of the average general surgeon and orthopedic surgeon who has to deal with lesions involving the motor-skeletal system. Indicates what to do, how to do it, and what not to do for the various conditions affecting this system.

TWENTIETH CENTURY SOCIOLOGY—Georges Gurvitch and Wilbert E. Moore, Editors—*Philosophical Library*, 754 p., \$6. Emphasizing the major developments in sociological science in the present century. A collection of essays by Huntington Cairns, Pitirim A. Sorokin, Claude Lévi-Strauss, Robert E. L. Faris and many others.

WE CAN HAVE BETTER SCHOOLS—Maxwell S. Stewart—*Public Affairs Committee*, 31 p., illus., 10 cents. Important issues in post-war education. Public Affairs Pamphlet No. 112.

THE WILDCATTERS: an informal history of oil hunting in America—Samuel W. Tait, Jr., *Princeton Univ. Press*, 218 p., illus., \$3. The saga of pioneers of the oil industry, based on the author's years of work in the oil regions and on interviews with men who participated in discoveries which made oil history.

*Science News Letter, January 26, 1946*

## ENGINEERING

### Crosley Car Runs 50 Miles On One Gallon of Gas

► HIGH POWER, light weight, low cost and economy in operation are features claimed for the new streamlined Crosley automobile by its maker, Crosley Motors, Inc. Although 28 inches longer, complete with an aluminum turret top, and having an engine twice as power-

ful as the prewar model, it will weigh no more than the old canvas-top car.

The new Crosley is capable of a top speed of 60 miles an hour, and it can run 50 miles on a single gallon of ordinary gasoline at 35 miles an hour, it is claimed. The use of aluminum in place of steel saves 200 pounds in weight. Its water-cooled engine is a 26-horsepower plant with four cylinders. The car is approximately 12 feet in length from bumper to bumper, has an 80-inch wheel base and a 40-inch tread. Its overall height is 57 inches. It seats four persons.

*Science News Letter, January 26, 1946*

## AERONAUTICS

### Capt. Tribus Awarded Thurman H. Bane Prize

► THE THURMAN H. BANE award for 1945 will go to Capt. Myron Tribus of the Army Air Technical Service Command, it is announced by the Institute of the Aeronautical Sciences. The award is made "for reducing the icing hazards of high-speed flying through research and flight testing."

The Bane award, established in 1942, is given to an officer or civilian of the Army Air Forces Materiel Command for an outstanding achievement in aeronautical development during the year.

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