

# Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

ATLAS OF OREGON AGRICULTURE—Richard M. Highsmith, Jr.—*Ore. State College*, 42 p., illus., paper, \$1. Landform and climate maps, soil maps and others.

BIRD STUDY IN A GARDEN: A Book for Bird Watchers—E. A. R. Ennion—*Penguin*, 32 p., illus., paper, 85¢. Tells how to make territory map, garden profile and observation nest boxes. Charmingly illustrated.

THE DESCENT OF SATELLITE 1957 BETA ONE—Luigi G. Jacchia — *Smithsonian Astrophysical Observatory*, Special Report No. 15, 13 p., paper, single copies free upon request direct to publisher, Cambridge 38, Mass.

EPILEPSY: What It Is, What To Do About It—Tracy J. Putnam—*Lippincott*, 190 p., illus., paper, \$1.25. A manual for patients, their families and friends, nurses and schoolteachers.

THE EXAMINATION OF WATERS AND WATER SUPPLIES (Thresh, Beale & Suckling)—Edwin Windle Taylor—*Little*, 7th ed. 841 p., illus., \$18.50. Incorporates new standard procedures for water analysis and water treatment, and a chapter on radioactivity as it affects water supplies.

THE FOOD OF FRANCE—Waverley Root, introduction by Samuel Chamberlain—*Knopf*, 517 p., illus., \$10. Not a book of recipes, it takes the reader through the provinces of France and engagingly tells the story of its gastronomical variety.

FUNDAMENTALS OF CHEMICAL ENGINEERING OPERATIONS—Maurice G. Larian—*Prentice-Hall*, 644 p., illus., \$10.50. This undergraduate text emphasizes the analytical training of the engineering student.

GRANULATION AND OSCILLATIONS OF THE SOLAR ATMOSPHERE—Charles Whitney—*Govt. Printing Office*, Smithsonian Contributions to Astrophysics, Vol. 2, No. 12, 12 p., paper, 15¢.

GUIDE TO TECHNICAL REPORTS—Henry Dan Piper and Frank E. Davie—*Rinehart*, 83 p., paper, \$1. Based on current reporting practices, for technical students and professional engineers.

HAY FEVER AND OTHER ALLERGIC DISEASES—*Allergy Foundation of America*, 10 p., paper, free upon request direct to publisher, 801-2nd Ave., New York 17, N. Y.

INTERNATIONAL REVIEW OF CYTOLOGY: Vol. VIII—G. H. Bourne and J. F. Danielli, Eds.—*Academic*, 684 p., illus., \$16. Prepared under the auspices of The International Society for Cell Biology.

LIVING WITH YOUR ALLERGY—Samuel M. Feinberg—*Lippincott*, 190 p., paper, \$1.25. On the many causes of allergy, gives ragweed pollen index of U. S. cities and places.

MAP OF THE MOON AND MAP OF THE PLANETS—*Rand McNally*, 2 p. 46 x 26 inches, folded, paper, \$1. Illustrations are based on photographs taken at U. S. observatories.

NUCLEAR SCATTERING—K. B. Mather and P. Swan—*Cambridge Univ. Press*, 469 p., illus., \$14.50. Describes experimental techniques and significant experimental results and their interpretation in terms of nuclear forces and nuclear structure. Of interest to practical and theoretical physicists.

AN OCEANOGRAPHIC DESCRIPTION OF THE EASTERN TROPICAL PACIFIC—Warren S. Wooster and Townsend Cromwell—*Univ. of Calif. Press*, 281 p., illus., paper, \$5. Presents in graphic form the results of the first comprehensive survey of this area.

PHYSICS EXPRESS. Vol. I, No. 1.—Ia. B. Zel'dovich and others—*International Physical Index*, 40 p., diagrams, paper, 10 issues per year, \$57.50. Comprehensive digests of current Russian literature dealing with physics, in English translation.

THE PHYSIOLOGY AND PATHOLOGY OF THE CEREBELLUM—Robert Stone Dow and Giuseppe Moruzzi—*Univ. of Minn. Press*, 675 p., illus., \$12.50. A comprehensive review of cerebellar physiology, relating facts derived from older methods of investigation to recent knowledge gained by electrical methods of recording activity in the nervous system.

THE PRESENTATION OF TECHNICAL INFORMATION—Reginald O. Kapp—*Macmillan*, 147 p., \$2.95. A writing guide, stressing the importance of a free-flowing and imaginative style.

REPORT AND ANALYSES OF SATELLITE OBSERVATIONS—G. F. Schilling, Ed.—*Smithsonian Astrophysical Observatory*, Special Report No. 14, 43 p., paper, single copies free upon request direct to publisher, Cambridge 38, Mass.

REVISED PROPOSAL FOR INVESTIGATION OF SELF-FOCUSING STREAMS—Willard H. Bennett—*Naval Res. Lab. (Office of Technical Services)*, 16 p., illus., paper, 50¢. Interim Report.

SOLID STATE PHYSICS, Vol. 6: Advances in Research and Applications—Frederick Seitz and David Turnbull, Eds.—*Academic*, 429 p., \$12. Presents comprehensive reviews of broad topics along with articles describing the newest developments of importance in this field.

SOUND PULSES—F. G. Friedlander—*Cambridge Univ. Press*, 202 p., illus., \$7.50. Monograph deals with wave front characteristics, geometrical acoustics, reflection and diffraction problems.

SOVIET STRATEGY IN THE NUCLEAR AGE—Raymond L. Garthoff—*Praeger*, 283 p., \$4.50. A thoroughly documented study of present and future military plans of Russian strategists, based on Russian source material.

STATE ACTIVITIES IN ATOMIC ENERGY: A Cumulative Summary August 1954-July 1958—

Saul J. Harris, Ed.—*Atomic Ind.*, 4th ed., 51 p., paper, \$3. Lists regulatory and developmental state and local activities.

TRAFFIC BEHAVIOR: As related to Several Highway Design Features—Charles J. Keese and others—*Highway Res. Bd.*, Bull. 170, 76 p., illus. paper, \$1.60. Discusses expressways, two-lane highways, shoulder use and highway bridges.

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## NATURAL RESOURCES

### Government Prepares To Aid Sports Fishermen

► FISHERMEN using ponds and lakes on military bases, Veterans' Administration hospital grounds, Indian reservations, and national parks and forests are due for some help from the Federal Government.

The U. S. Fish and Wildlife Service reports that it is planning a stepped-up program supporting sport fishing. Assistance will be given to Federal installations as well as to state agencies requesting help.

In a program to develop better fishing through the use of better management methods, the Service, through its Bureau of Sport Fisheries and Wildlife, studies water weed control, proper fish stocking and methods of fertilization, water pollution, fish diseases, and maintenance or establishment of a good ratio of game and forage or "trash" fish.

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## PHARMACOLOGY

### New Drug Found Active Against Sandfly Parasite

► AN EFFECTIVE fighter of a parasite which invades millions of people in India, China, Africa and the Mediterranean basin, has been reported.

The new drug, which can be taken orally, acts against *Leishmania*, the protozoan parasite responsible for diseases known as kala-azar and oriental sore.

The parasite is transmitted by the sandfly and the diseases usually are found among children. Oriental sore is characterized by ulcers and lesions of the skin. Kala-azar is characterized by fever, anemia, emaciation and eventual enlargement of the liver and lymph nodes.

Currently, neostibosan is the choice of drug for treatment, but it is not without side effects. In addition, it is administered intravenously, while the new drug is effective on oral administration, three investigators report in *Nature* (Aug. 2).

Neostibosan is an antimony compound. The leishmaniasis found in the Egyptian Sudan is resistant to antimony, however. Therefore, a stilbamidine is used when possible. The new drug, when tested on hamsters, was more effective than known antimony compounds. The drug, as yet unnamed, is a member of the same class of compounds that pamaquin, the first synthetic antimalarial drug, belongs to. E. Beveridge and L. G. Goodwin of the Wellcome Laboratories of Tropical Medicine, London, and L. P. Walls of the Wellcome Research Laboratories, Beckenham, Kent, report.

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