

Books of the Week

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FRACTURES—Paul B. Magnuson and James K. Stack—*Lippincott*, 5th ed., 537 p., illus., \$7.00. A standard reference book brought up to date in the light of newer knowledge in the field.

FRIENDLY CHINA—Bailey Willis—*Stanford University Press*, 312 p., illus., \$5.00. The final, posthumous book by a noted geologist and earthquake specialist. It is a sketch of the author's two-thousand mile walks through the interior of China under the auspices of the Carnegie Institution. Many lovely on-the-spot pencil sketches by the author are included.

INORGANIC CHEMISTRY IN PHARMACY—Lloyd M. Parks, Paul J. Jannke, Loyd E. Harris, and John E. Christian—*Lippincott*, 298 p., illus., \$6.00. A textbook written with emphasis on the preparation, properties, testing and uses of inorganic chemicals used in pharmacy and medicine.

LIFE AMONG THE DOCTORS—Paul De Kruif—*Harcourt Brace*, 470 p., \$4.75. A chronicle of the fight by responsible men of medicine against human disease.

THE MEANING OF EVOLUTION: A study of the History of Life and Its Significance for Man—George Gaylord Simpson—*Yale University*

Press, 364 p., \$3.75. A brief non-technical description of the rise and fall of the dynasties of life. The latest in the series of Terry lectures.

THE PRE-ELECTION POLLS OF 1948: Report to the Committee on Analysis of Pre-election Polls and Forecasts—Frederick Mosteller and others—*Social Science Research Council*, 396 p., illus., paper, \$2.50; cloth, \$3.00. Based on extensive studies of data on the polls and the election.

HUMAN PATHOLOGY—Howard T. Karsner—*Lippincott*, 7th ed., 927 p., illus., \$12.00. The most extensive revision this standard reference book has had.

STUDIES IN HUMAN BEHAVIOR—Merle Lawrence—*Princeton University Press*, 181 p., illus., paper, \$3.50. A laboratory manual in general psychology including experiments with which the student can learn how his senses function and how his previous experience affects his perception, sometimes causing weird illusions. Through these experiments, he can learn why men behave as they do.

TAKING YOUR BABY'S PICTURE—Emanuele Stieri—*Greenberg*, 125 p., illus., \$2.95. How to catch those charming, natural looking pictures that every parent wants and how to develop and print them, too.

THE UNITED NATIONS: Four Years of Achievement—Department of State—*Gov't Printing Office*, 35 p., paper, 15 cents. Major actions during the past four years summarized.

YOUR ACHES: What to do About Them—Dorothy Nye—*Funk & Wagnalls*, 80 p., illus., \$2.50. Some suggestions and exercises to aid in finding more enjoyment and less fatigue in your everyday work and play. The author is an authority on corrective exercises.

Science News Letter, October 15, 1949

AERONAUTICS

"Buzzing" by Pilots Should Be Reported

► THE United States government wants help in spotting reckless airplane pilots who "buzz" various objects or engage in other hazardous flying stunts. Procedures for reporting, in which the public is asked to participate, were announced by the Civil Aeronautics Administration.

Anyone who observes an airplane buzz-

ing houses, people or other aircraft should report by telephone to the nearest CAA office, and confirm the telephone report by a letter to the same office, D. W. Rentzel, administrator of CAA, states. All details should be given, including particularly the registration number of the offending craft. This is displayed on the left half of the lower surface of the wing, and on the vertical tail surface.

Science News Letter, October 15, 1949

Words in Science— BUTTERFLY-MOTH

► IT is not correct to assume that moths are only those pestiferous insects that devour a dress suit between formal parties.

Moths, as well as butterflies, can be beautiful. Here are some of the ways to tell them apart.

Butterflies have a club-shaped antenna with a knob on the end. Only a few rare tropical species of moths have this knob.

The pupae of butterflies are not protected by cocoons as are those of some moths.

Butterflies usually hold their wings up, when at rest. Moths generally hold them flat or fold them against the body.

Butterflies, as a rule, fly only in the daytime. Most moths are seen only at night.

Science News Letter, October 15, 1949

PHENOMENA, ATOMS AND MOLECULES

IRVING LANGMUIR

The Philosophical Library deems it a privilege to announce the forthcoming publication of Dr. Langmuir's work PHENOMENA, ATOMS AND MOLECULES. The eminent scholar, winner of the Nobel Prize and one of the country's pioneers in atomic research, has set down in this volume many of his thoughts, observations and conclusions.

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The second part of the book deals with such technical, scientific problems as "Surface Chemistry," "Flames of Atomic Hydrogen," "Forces Near the Surfaces of Molecules," "The Evaporation of Atoms, Ions and Electrons from Caesium Films on Tungsten," "The Condensation and Evaporation of Gas Molecules," "Metastable Atoms and Electrons Produced by Resonance Radiation in Neon," etc.

Among the many interesting, timely phases of Dr. Langmuir's observations are those concerning the present status and the possibilities of Soviet Russia's scientific research.

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