

Books of the Week

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ADDITIONAL FORMS OF BIRDS FROM COLOMBIA AND PANAMA—Alexander Wetmore—*Smithsonian*, 11 p., paper, 10 cents.

ADVENTURES OF A NURSE'S AIDE—Enid Day—*Woman's Press*, 116 p., illus., \$2.50. A radio personality writes gaily of her experiences as a night volunteer.

ADVENTURES WITH REPTILES: The Story of Ross Allen—C. J. Hylander—*Messner*, 174 p., illus., \$2.75. Snakes were a hobby for Ross Allen, but he turned professional and now operates the Reptile Institute in Silver Springs, Fla.

THE BAY—Gilbert C. Klingel—*Dodd, Mead*, 278 p., illus., \$4.00. A naturalist writes charmingly of the unfamiliar world on, under and over the Chesapeake Bay.

A CITIZEN'S HANDBOOK OF SEXUAL ABNORMALITIES AND THE MENTAL HYGIENE APPROACH TO THEIR PREVENTION: A Report of the Governor's Study Commission on Sex Deviates—Samuel W. Hartwell—*Public Affairs Press*, 70 p., paper, \$1.00. The information you need to think wisely about what you and your community can do to solve the sex crime problem.

DESIGN, CONSTRUCTION AND OPERATING PRINCIPLES OF ELECTROMAGNETS FOR ATTRACTING COPPER, ALUMINUM AND OTHER NON-FERROUS METALS—Leonard R. Crow—*Scientific Book Publishing Co.*, 38 p., illus., paper, \$1.00; cloth, \$1.25. The author has designed a new type of magnet which will attract non-ferrous metals and discusses here the principles behind this development.

THE DUSKY-FOOTED WOOD RAT: A Record of Observations Made on the Hastings Natural History Reservation—Jean M. Linsdale and Lloyd P. Tevis, Jr.—*University of California Press*, 664 p., illus., \$7.50. A day-to-day account of the complicated lives of these medium sized rodents, including the length of time they stay in their conspicuous stick houses and their reasons for moving.

EFFECT ON TRUCK CROPS OF DDT APPLIED TO THE FOLIAGE—C. A. Weigel, A. C. Foster and R. H. Carter—*Govt. Printing Office*, USDA Technical Bulletin No. 1034, 20 p., paper, 10 cents. Don't worry, you do not get the insecticide in the edible parts of your

vegetables, but it does cause temporary injury or growth stunting to certain kinds of crops.

FEATHERS PREFERRED: A Sportsman's Soliloquy—W. Austin Peters—*Stackpole*, 198 p., illus., \$3.75. A hunter's reminiscences and opinions on wildlife preservation.

THE GENERAL SCIENCE HANDBOOK, PART I: Experiments, Demonstrations and Other Activities Suggested for the First Year of General Science—Bureau of Curriculum Development, N. Y. State Education Department—*University of the State of New York*, 197 p., illus., paper, 35 cents. A handbook for teachers showing how grade 7 students can learn of the world about us by actual experiment with simple materials.

HAWAIIAN ANTIQUITIES (MOOLELO HAWAII)—David Malo—*Bernice P. Bishop Museum*, 2d ed., 278 p., illus., \$5.00. A new edition of a classic by a Hawaiian scholar, first published in 1903.

INDUSTRIAL HYGIENE—H. H. Schrenk—*Mellon Institute*, 2 p., illus., paper, free upon request to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa. Discussing the influence of dietary factors on susceptibility to toxic substances.

THE NEW MILITARY AND NAVAL DICTIONARY—Frank Gaynor, Ed.—*Philosophical Library*, 295 p., \$6.00. This alphabetical listing includes technical terms such as Loran and Radiosonde and slang such as "Long Tom," and "Little David."

NOTES ON PERUVIAN FRINGILLIDAE—James Bond—*Academy of Natural Sciences*, 19 p., paper, 55 cents. Describing the Academy's collection of 100 specimens.

OIL, FAT AND SOAP—Benjamin Levitt—*Chemical Publishing Co.*, 230 p., illus., \$6.00. For technical and non-technical workers connected with the oil, fat and soap industries.

REPORT OF THE COMMITTEE ON LAND ACQUISITION AND CONTROL OF HIGHWAY ACCESS AND ADJACENT AREAS AND SPECIAL PAPERS—*Highway Research Board*, 78 p., illus., paper, \$1.20. Based on recent laws, ordinances and court decisions.

THE WONDERWORLD OF SCIENCE: Book One—Warren Knox, George Stone, Morris Meister and Doris Noble—136 p., illus., \$1.36. Book Two—Warren Knox, George Stone, Morris Meister and Doris Noble—168 p., illus., \$1.48. Book Three—Warren Knox, George Stone, Morris Meister and Doris Noble—200 p., illus., \$1.56. Book Four—Warren Knox, George Stone, Morris Meister and Dorothy Wheatley—232 p., illus., \$1.68. Book Five—Warren Knox, George Stone, Morris Meister and Dorothy Wheatley—264 p., illus., \$1.80. Book Six—Warren Knox, George Stone, Morris Meister and Dorothy Wheatley—296 p., illus., \$1.88. Book Seven—Morris Meister, Ralph E. Keirstead and Lois M. Shoemaker—360 p., illus., \$2.08. Book Eight—Morris Meister, Ralph E. Keirstead and Lois M. Shoemaker—360 p., illus., \$2.12. *Scribner's*. A series of graded books which are both readers and science books serving to introduce young students to the world about them.

Science News Letter, October 13, 1951

ASTRONOMY

Moon Will Spoil Meteor Display This Month

► OCTOBER MAY be a good month to show your best girl the moon, but it won't be a favorable time to look for "shooting stars."

Usually one of the best months for spectacular displays of meteor showers, this October the moon has once already spoiled and will continue repeatedly to spoil the heavenly show.

On Oct. 9, the Giacobinid shower, radiating from the head of Draco, the dragon, reached maximum. But the moon's great light made it difficult to find any but the brightest of the "shooting stars."

The meteor shower from Aries should reach maximum about Oct. 15, but by then the moon will be almost full and will be found almost exactly in the center from where these meteors seem to radiate.

The Orionids, usually one of the best showers, reach maximum about Oct. 20. But again the moon will "steal the show," reports the Hayden Planetarium. It will be a bit brighter than last quarter and having moved into the constellation of Gemini, the twins, will be close to the radiating area of the meteors.

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SURGERY

Muscles Switched to Help Many Polio Patients Walk

► A MUSCLE-SWITCHING operation to help many polio and other patients with paralyzed hips walk again has been devised by surgeons at Indiana University Medical Center in Indianapolis.

It consists in changing the position of a thigh muscle so that instead of running straight down the front of the thigh, it passes diagonally down and around to the side of the thigh. In this new position it can double for a paralyzed abductor muscle in raising the leg to the side.

Good results in 10 patients during the past year are reported by the Indiana University surgeons.

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