

Books of the Week

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AIRCRAFT FABRICATION: Drop Hammers and Press Brakes, 80 p., illus., paper, \$1.00; **Hydraulic and Stretch Presses**, 104 p., illus., paper, \$1.35; **Bending, Drawing, Rolling and Spinning**, 104 p., illus., paper, \$1.35; **Forming by Hydraulic and Crank Presses**, 80 p., illus., paper, \$1.00; **Blanking**, 128 p., illus., paper, \$1.60; **Aircraft Riveting**, 88 p., illus., paper, \$1.15; **Spot Welding of Aluminum Alloys**, 80 p., illus., paper, \$1.00; **Lofting and Layout**, 104 p., illus., paper, \$1.50; **Reproduction of Lines, Part I**, 72 p., illus., paper, \$1.00; **Reproduction of Lines, Part II**, 72 p., illus., paper, \$1.00; **Mock-up**, 80 p., illus., paper, \$1.00; **Basic Problems and Heat Treatment**, 88 p., illus., paper, \$1.15; **Steel Dies**, 64 p., illus., paper, \$1.00; **Cast and Molded Dies**, 72 p., illus., paper, \$1.00; **Airframe Assembly Tools**, 112 p., illus., paper, \$1.65; **Templets**, 56 p., illus., paper, \$1.00 *International Textbook Co.* Information on properties of materials, basic airplane manufacturing problems, and tooling and methods of construction, for students and workers.

AMERICAN CRETACEOUS INSECTIVORES—George Gaylord Simpson—*American Museum of Natural History*, 19 p., illus., paper, 25 cents. Increased knowledge and reconsideration of data in the last 20 years have led to some changes in earlier thinking about late Cretaceous mammals in North America; there were probably more, and more varied, insectivores among them than has been previously supposed.

COMMUNITY HEALTH EDUCATOR'S COMPENDIUM OF KNOWLEDGE—Clair E. Turner—*C. V. Mosby Co.*, 266 p., illus., \$3.00. Intended to provide the teacher or prospective teacher of public health at any level with a quick check of the validity of his goals and the usefulness of his methods.

GENERAL ASTRONOMY—Harold Spencer Jones—*Arnold, E. & Co.* (Longmans), 3rd ed., 456 p., illus., \$5.75. Revision of this textbook has brought it up to date with respect to observations and hypotheses growing out of observations; there are four new plates from Mt. Wilson and Palomar.



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NATURE PHOTOGRAPHY WITH MINIATURE CAMERAS by Alfred M. Bailey (Denver Museum of Natural History). This eminent explorer and scientist displays his finest Exakta photographs and others along with explanatory material. 36 full page photographs. 64 pages. . . . 50c
EXAKTA CAMERA CO., 48 W. 29th St., New York 1, N.Y.

HIGHER CHEMICAL ARITHMETIC—F. W. Goddard—*Longmans*, 221 p., \$1.60. Summaries of the mathematical principles and methods used in chemistry, examples of typical problems with explanations, and over 400 problems. Answers at back.

HUMAN DIGNITY—Don G. Mitchell—*Industrial Hygiene Foundation*, 9 p., paper, free upon request to publisher, Mellon Institute, 4400 Fifth Ave., Pittsburgh 13, Pa. A paper delivered at the annual meeting in November.

INDIANA SCIENTISTS: A Biographical Directory and an Analysis—Stephen Sargent Visser—*Indiana Academy of Science*, 286 p., \$2.50. A study of the conditions leading to the production of superior men.

NEW BIOLOGY II—M. L. Johnson and Michael Abercrombie, Eds.—*Penguin*, 123 p., illus., paper, 50 cents. Articles by biologists on the banana, adaptation problems, biological activities of molecules, aphids and plant growth, photosynthesis, accident proneness and *Paramecium*.

A NEW GENUS AND NEW SPECIES OF ASELOTIDE ISOPOD, *Caciciaera Horvathi*, FROM LOS ANGELES-LONG BEACH HARBOR—Robert James Menzies—*American Museum of Natural History*, 7 p., illus., 25 cents. Remarkable for several reasons, this species has been collected only in association with *Limnoria*.

PANORAMA OF SCIENCE, 1951: Annual Supplement to the Smithsonian Series—Webster Prentiss True, Ed.—*The Series Publishers, Inc.*, 416 p., illus., \$5.50. Articles from scientific and technical journals, selected for their broad implications, topical interest and readability by the layman.

PHYSICAL PROPERTIES AND ANALYSIS OF HEAVY WATER—Isidor Kirshenbaum—*McGraw*, 438 p., illus., \$5.25. One of the National Nuclear Energy Series, prepared as a record of the research work done under the Manhattan Project and the Atomic Energy Commission.

PRODUCTIVITY, SUPERVISION AND MORALE AMONG RAILROAD WORKERS—Daniel Katz and others—*Survey Research Center*, 61 p., \$1.50. As in an earlier study of clerical workers, the evidence seems to be that there are basic differences between the successful and the unsuccessful supervisor in terms of his awareness of interpersonal relations, rather than in his use of "magic gestures or 'human relations tricks'."

REPORT OF THE SCIENTIFIC DIRECTOR: June 30, 1951—*The Nutrition Foundation, Inc.*, 59 p., illus., paper, free upon request to publisher, Chrysler Building, New York 17, N. Y. Research work supported by the Foundation is bearing fruit in attitudes toward disease and health.

SCIENCE NEWS 22—A. W. Haslett, Ed.—*Penguin*, 128 p., illus., paper, 50 cents. Articles by scientists on hurricanes, pictures in the mind, acceleration of charged particles, the Assam earthquake, color, muscle activity patterns, photosynthesis and other research.

THE STRUCTURE OF THE GALAXY—*University of Michigan Press*, 84 p., illus., paper, \$2.50. Papers presented at the dedication of the Heber Doust Curtis Memorial Telescope.

STUDIES OF PERUVIAN BIRDS, No. 61: The Genera *Aglaeactis*, *Lafresnaya*, *Pterophanes*, *Boissonneaua*, *Heliangelus*, *Eriocnemis*, *Haplophadna*, *Ocreatus*, and *Lesbia*—John T. Zimmer—*American Museum of Natural History*, 55 p., 25 cents.

WET LABORATORIES—E. Laurence Palmer—*New York State College of Agriculture*, Cornell Rural School Leaflet Vol. 45, No. 2, 32 p., illus., paper, 10 cents. Another in the "laboratory" series showing that it is not necessary to travel to find examples of natural phenomena worth studying, this leaflet relates roofs, rainspouts and puddles to watersheds, power sources and pollution.

Science News Letter, December 29, 1951

INVENTION

Patent the Answer To a Typist's Prayer

► TYPISTS MAY well thank inventor James G. Allemann, Santa Ana, Calif., for patent 2,571,996, suggesting a bell that rings when the paper in the typewriter reaches a prescribed distance from the bottom of the page.

Science News Letter, December 29, 1951

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