

Books of the Week

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. Ask for free publication direct from issuing organizations.

ARCHAEOLOGICAL SURVEY OF OWEN COUNTY, INDIANA—Vernon R. Helmen—*Indiana Historical Bureau*, 49 p., illus., paper, free upon request to publisher, 408 State Library and Historical Bldg., Indianapolis 4, Ind.

BOLETIN DE CIENCIA Y TECNOLOGIA—Office of Science and Technology—*Pan American Union*, No. 1, 47 p., illus., paper, free upon request to publisher, Washington 6, D. C. Quarterly publication reporting advancements throughout the western hemisphere in science and technology. In Spanish.

COLLEGE CHEMISTRY: An Introductory Text-book of General Chemistry—Linus Pauling—*Freeman*, 705 p., illus., \$4.50. Well illustrated.

CONTROL OF ODORS—Elmer R. Weaver—*Gov't. Printing Office*, Nat'l. Bureau of Standards Circ. 491, 12 p., paper, 10 cents. General information on the practical control of industrial and household odors.

THE CRUSTACEA DECAPODA MACRURA COLLECTED BY THE ARCHBOLD NEW GUINEA EXPEDITIONS: Results of the Archbold Expeditions No. 63—L. B. Holthuis—*American Museum of Natural History*, 17 p., illus., paper, 25 cents.

CURRENTS IN NUTRITION: Proceedings of the Nutrition Symposium held at The University of Illinois, College of Medicine, Nov. 19, 1949—Bertha Burke and others—*National Vitamin Foundation*, 128 p., paper, \$1.00.

DIETS OF FAMILIES IN THE OPEN COUNTRY: A Georgia and an Ohio County, Summer 1945—Sadye F. Adelson and Ennis C. Blake—*Gov't. Printing Office*, U. S. Dept. of Ag., Misc. Publ. No. 704, 90 p., illus., paper, 25 cents.

EXERCISES IN GENERAL CHEMISTRY—Harold G. Dietrich and Erwin B. Kelsey—*Macmillan*, 285 p., illus., paper, \$3.00. An introductory college laboratory manual.

INTRODUCING THE INSECT—F. A. Urquhart—*Holt*, illus., \$5.00. Describes the habits and classifications of insects. For the layman and the college student taking his first course in entomology.

MANAGEMENT OF INDUSTRIAL RESEARCH: A Selected and Annotated Bibliography—*Arthur D. Little*, 14 p., paper, free upon request to publisher, Memorial Drive at Kendall Square, Cambridge 42, Mass.

MEGASPORES FROM THE MICHIGAN COAL BASIN—Chester A. Arnold—*University of Michigan Press*, approx. 55 p., illus., paper, \$1.50. A report of spores found on coals and shales which were formed in the early Pennsylvania age.

A NEW TESTUDO FROM MADISON COUNTY, MONTANA—Thomas M. Oelrich—*University of Michigan Press*, approx. 15 p., illus., paper, 50 cents. A report on the discovery of a new species in the Miocene deposits of Madison County, Mont.

NUTRITION IN OPHTHALMOLOGY—John J. Stern—*National Vitamin Foundation*, 137 p.,

paper, \$1.50. Effects of different vitamins upon the eyes are discussed.

THE OVERTHROW OF THE PHLOGISTON THEORY: The Chemical Revolution of 1775-1789—James Bryant Conant, Ed.—*Harvard University Press*, Case II, 59 p., illus., paper, 90 cents.

THE PLANET MARS—Gerard de Vaucouleurs—*Faber and Faber (U. S. Distributor: Macmillan)*, 87 p., illus., \$2.00. A monograph discussing many of the aspects of the planet Mars. Translated from the French by Patrick A. Moore.

PRE-TRAVERSE DEVONIAN PELECYPODS OF MICHIGAN—Aurele La Rocque—*University of Michigan Press*, approx. 100 p., illus., paper, \$2.00. The results of a study made by the author.

RESEARCHES ON THE AMPHIBIA OF OKLAHOMA—Arthur N. Bragg and others—*University of Oklahoma Press*, 154 p., illus., \$1.00. A study of the taxonomy, ecology and sex cycles of amphibia in Oklahoma.

ROBERT BOYLE'S EXPERIMENTS IN PNEUMATICS—James Bryant Conant, Ed.—*Harvard University Press*, Case I, 70 p., illus., paper, 90 cents. First of the Harvard Case Histories in Experimental Science designed to acquaint students who are majoring in the humanities or the social sciences with major events in science.

STRANGE SEA LIFE—Gladys Vondy Robertson and Vera M. Graham—*Holt*, 115 p., illus., \$2.50. The authors tell something of the interesting creatures found in the salt waters that encircle the world. For the layman.

THE SUPPLY AND DEMAND FOR GEOLOGISTS 1949-1950—William B. Heroy, Chairman—*American Geological Institute*, approx. 11 p., illus., paper, free upon request to publisher, 2101 Constitution Ave., N. W. Washington, D. C. A survey appraising the employment prospects in the geological field.

TEACHING BIOLOGY FOR APPRECIATION—Alfred F. Nixon—*Chapman & Grimes*, 143 p., illus., \$3.00. The author discusses different methods of teaching biology in secondary schools.

Science News Letter, July 8, 1950

MEDICINE

Blood Chemicals Used to Remove Kidney Stones

➤ **CLOTTING** chemicals from blood can be used to remove kidney stones without cutting open the kidney surgically.

The blood chemicals are fibrinogen and thrombin. Injected into the kidney through the tube from kidney to bladder, the chemicals form a clot around the stone making possible its withdrawal.

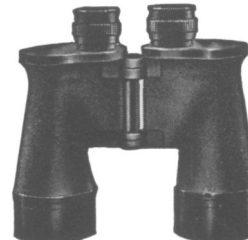
Doctors saw this new technique in a moving picture shown by Col. J. C. Kimbrough and Maj. Robert B. Rowe of Walter Reed General Hospital at the meeting of the American Medical Association in San Francisco.

Science News Letter, July 8, 1950

WAR SURPLUS BARGAINS

Government's 7 X 50 Binoculars

Assemble Them Yourself! Complete Optics! Complete Metal Parts! Save More Than 1/2 Regular Cost!



METAL PARTS—Set includes all metal parts—completely finished—for assembly of 7 X 50 Binoculars. No machining required. Sturdy Binocular Carrying Case is optional with each set of Metal Parts.

Stock #842-Q. \$39.40
Postpaid, plus \$4.80
for Case. Total \$44.20

OPTICS—Set includes all Lenses and Prisms needed for assembling 7 X 50 Binoculars. These are in excellent condition—perfect or near-perfect—and have new low reflection coating.

Stock #5102-Q. \$25.00 Postpaid
Note: These are fine quality standard American-made parts, not Japanese.

NOTICE! If you buy both Binocular Optics and Binocular Metal Parts, add 20% Federal Tax.

MAKE A MICROSCOPE—Get wonderful results. Own an instrument worth many times the cost to you. Simply convert a U. S. Govt. Rifle Scope (Govt. cost over \$65.00). It's easy! We show you how. No machining required. Get up to 40 Power. Scope we furnish is used but good condition. . . sent complete with extra lenses and direction sheet.

Stock #959-Q. \$7.90 Postpaid
WRENCHES—for above project, to simplify and speed up work.

Stock #89-Q. \$1.00 Postpaid

NON-ABSORBING BEAM-SPLITTING MIRROR—Latest development! Optically flat to 1/4 wave length. Size: 1-15/16" x 2-15/16" — 3/8" thick. Reflects approximately 50% and transmits approximately 50%. No light is absorbed. Has a three-layered film which accomplishes non-absorption.

Stock #567-Q. \$5.00 Postpaid

AMAZING POCKET-SIZE 10-POWER SPOTTING SCOPE—Complete with Tripod and Swivel Head. Only 5 1/2" long—3 1/2" high on tripod. Adapted from Army telescope and worth many times our price. Excellent for clarity and sharpness. Has prism erecting system, achromatic objective, Ramsden Eye-Piece. Lenses low reflection coated. Ideal Scope for sportsmen and hunters.

Stock #955-Q. \$14.95 Postpaid

POLAROID VARIABLE DENSITY ATTACHMENT—Consists of two mounted Polaroid filters. Control knob rotates one about the other, giving variable density. Used in photography, experiments in polarized lights, controlling light transmission, etc.

Stock #693-Q. \$3.00 Postpaid

SPECIAL! SPECIAL!

RONCHI RULINGS

Black Line Grating

Plate glass with etched parallel black lines—space between each line is same as thickness of the ruled line itself. Made by photographic process. Number of lines per inch ranges from 65 to 133 as shown below. Normally cost \$4.00 to \$5.00 per sq. inch. Used for testing astronomical mirrors, magnifiers. Used in pairs to see diffraction pattern. (Some seconds, with slight scratches).

1 in. x 1 in.			2 in. x 2 in.		
Stock No.	Lines Per In.	Price	Stock No.	Lines Per In.	Price
2122-Q	65	\$.75	2133-Q	65	\$1.50
2126-Q	85	.75	2134-Q	85	1.50
2127-Q	110	1.00	2136-Q	110	2.00
2128-Q	120	1.00	2137-Q	120	2.00
2129-Q	133	1.00	2138-Q	133	2.00

All above sent Postpaid.

TELESCOPE EYEPIECE—Consists of 2 Achromatic Lenses, F. L. 28 mm. in a metal mount.

Stock #5140-Q. \$4.50 Postpaid

SIMPLE LENS KITS! THE LENS CRAFTERS DELIGHT! Kits include plainly written, illustrated booklet showing how you can build lots of optical items. Use these lenses in photography for copying, **ULTRA CLOSE-UP SHOTS**, Microphotography, for "Dummy Camera", Kodachrome Viewer, Detachable Reflex View Finder for 35 mm. cameras. Stereoscopic Viewer, ground glass and enlarging focusing aids. And for dozens of other uses in experimental optics, building **TELESCOPES**, low power **MICROSCOPES**, etc.

Stock #2-Q—10 lenses ----- \$ 1.00 Postpaid

Stock #5-Q—45 lenses ----- \$ 5.00 Postpaid

Stock #10-Q—80 lenses ----- \$10.00 Postpaid

SLIDE PROJECTOR SETS—Consist of all unmounted lenses you need to make the following size projectors:

Stock #4038-Q—2 1/4" x 2 1/4" ----- \$3.35 Postpaid

Stock #4039-Q—2 1/2" x 3 1/2" ----- \$3.35 Postpaid

We Have Literally Millions of WAR SURPLUS LENSES AND PRISMS FOR SALE AT BARGAIN PRICES. Write for Catalog "Q"—FREE! Order by Stock No. Satisfaction Guaranteed

EDMUND SALVAGE CO.

BARRINGTON, NEW JERSEY