

Books that extend and  
supplement science texts—  
LIPPINCOTT'S



**INTRODUCING  
MODERN SCIENCE**

Editorial Consultant: HELEN HALE,  
Coordinator of the Office of Science,  
Baltimore, Md., Public School System

**GASES AND PLASMAS.** By PAUL D. THOMPSON. "The text presents a clear, accurate picture of a complex subject. . . . An excellent book."  
—*School Library Journal*. \$4.25

**FUEL CELLS.** By H. ARTHUR KLEIN. "Describes the processes of transformation from chemical energy to electrical energy, and the implications of fuel cells and their future usefulness."  
—*Science News*. \$4.25

**TRANSISTORS AND INTEGRATED CIRCUITS.** By DONALD C. LATHAM. "The finest book of its type the reviewer has ever read."  
—*Science Books, A.A.A.S.* \$4.50

**EXCURSIONS INTO CHEMISTRY.** By JOHN H. WOODBURN. "Goes far in suggesting rewarding problems for investigation and in providing the necessary guidance."  
—*Science Teacher*. \$4.50

**CRYOGENICS.** By RICHARD J. ALLEN. "Clearly presented in reasonably simple form."  
—*A.L.A. Booklist*. \$3.95

**BIOLUMINESCENCE.** By H. ARTHUR KLEIN. "An interesting, well-written exploration."  
—*Library Journal*. \$4.25

**MASERS AND LASERS.** By H. ARTHUR KLEIN. "Should be in the libraries of high schools and of communities that wish to have popular but authentic science books."  
—*The Physics Teacher*. \$3.95

**BIONICS.** By VINCENT MARTEKA. "Easy and interesting reading on the new science which attempts to equate animal behavior and senses with instrumental or technological counterparts."  
—*Science Teacher*. \$4.25

**CRYSTALS.** By RAYMOND A. WOHLRABE. "An excellent treatment of crystals, from snowflakes to transistors."  
—*The Science Teacher*. \$3.50

**METALS.** By RAYMOND A. WOHLRABE. "A concise and accurate investigation."  
—*Starred review, Library Journal*. \$3.50

**RADIOISOTOPES.** By JOHN H. WOODBURN. "A thorough, excellent book."  
—*Library Journal*. \$3.50

Coming April 30:  
**HIGH ENERGY PHYSICS**  
by HAL HELLMAN  
**THE VIRUS REALM**  
by PAUL D. THOMPSON  
Each book illustrated.  
Grades 7 up.

**J. B. LIPPINCOTT COMPANY**  
E. Washington Sq., Phila., Pa. 19105

LETTERS

to the editor

The Third caught

Sir:

Considering the low estate of spelling nowadays, I am never surprised to discover spelling errors in newspapers, magazines and even text books. But in a letter ("Third" fights back SN: 1/20 p. 56) from G. & C Merriam Company, compilers of dictionaries? When has "principle" become an adjective? Is that another innovation of Webster's Third?

Patrick J. Whelan  
Associate Editor  
*The Times Review*  
La Crosse, Wis.

Sir:

Even your splendid weekly is not exempt from typographical errors. At least that is what I hope was back of this . . . It would be too great a cause for embarrassment if that is what Mr. Kelsey actually wrote.

Leon J. Galinsky  
Springfield, Mo.

Catch anticipated

Sir:

We apologize for misspelling "principle" in the phrase "principal parts" in our letter of December 19, 1967. Since the letter is published (SN: 1/20 p. 56) we wish to forestall, insofar as possible, criticism by your readers by acknowledging the error is ours and thus exonerate you and your staff.

G. & C. Merriam Company  
Hubert P. Kelsey  
Springfield, Mass.

(It is a comfort to know that lexicographers are as human as harassed proof-readers, Ed.)

The letter from M. G. Jacobson (SN: 1/20 p. 56) dated the writer's work toward a Ph.D. at Wurzburg 1924. This should have read 1914. Ed.

films OF THE WEEK

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

**DOORWAY TO TOMORROW** — HQa 171, 16mm, color, sound, 28 min. Portrait of the Kennedy Space Center with emphasis on the Complex 39 moonport from which the Apollo astronauts will be launched to the moon. Shows details of the vehicle assembly building, assembly of Saturn V-Apollo vehicle, mission launch control center, and movement of the launch vehicle by crawler to the launch pad. Audience: upper elementary, high school, college, adult. Free loan from NASA centers or NASA Code FAD-2, Washington, D.C. 20546.

**HISTORY LAYER BY LAYER.** 16mm, color, sound, 23 min. Demonstrates how sediment cores are recovered from the ocean floor and studied for clues to the earth's past. Shots of the research schooner Vema probing the depths of the sea for samples and of how samples are examined. Audience: high school, college. Purchase, \$195 from McGraw-Hill Films, 330 West 42nd St., New York, N.Y. 10036.

**ISLAND OF THE TURTLES.** 16mm, color, sound, 7 min. Turtles to a favorite island to lay their eggs and hatch their young along the Great Barrier Reef of Australia. Audience: general. Free loan from Films Officer, Australian News and Information Bureau, 636 Fifth Ave., New York, N.Y. 10020, or Western States, Press and Information Officer, Australian Consulate-General, 350 Post St., San Francisco, Calif. 94108.

**LITTLE DIOMEDE.** 16mm, color, sound, 16 min. The Diomed Islands are midway between jutting capes of Siberia and Alaska. Film shows how Eskimo dwellers on Little Diomed exist through hunting, fishing, making clothing and ivory carving. Audience: elementary, junior high, adult. Purchase, \$135 from Northern Films, Box 98, Main Office Station, Seattle, 11, Wash.

**THE POWER OF ATTRACTION OF THE QUEEN BEE.** 16mm, color, sound, 12 min. Investigation and localization of the attractive power of queen bees. Analysis of the attractive substance. Audience: general. Loan for \$3 handling charge only from Society for French American Cultural Services and Educational Aid, 972 Fifth Ave., New York, N.Y. 10021.

**A PROBLEM OF IDENTITY.** 16mm, color, sound, 20 min. Tells the story of sophisticated electro-explosive cartridges and devices used by the aerospace industry, and defines the process control and quality assurance procedures required for the production of such high reliability devices. Audience: professional. Free loan. Contact Mr. Howard P. Renshaw, Hoxel Incorporated, 2751 San Juan Road, Hollister, Calif. 95023.

**SAFARI FOR SCIENCE.** 16mm, color, sound, 26½ min. Story of research veterinarian, Dr. Jim Vickers, as he searches for answers to pharmaceutical problems in Kenya, Tanganyika, and Uganda. Audience: 9th grade and higher. Free loan from Modern Talking Picture Service, 1212 Avenue of the Americas, New York, N.Y. 10036. (Produced for Lederle Laboratories Division of American Cyanamid.)

SCIENCE NEWS

Copyright © 1968 by Science Service, Inc. Republication of any portion of SCIENCE NEWS is strictly prohibited.

Subscription rate: 1 yr., \$6.50; 2 yrs., \$11.50; 3 yrs., \$16.50. Special trial offer for new subscribers only: 39 weeks, \$3.43. Single copy, 25 cents. No charge for foreign postage. Change of address: Three weeks' notice is required. Please state exactly how magazine is addressed. Include zip code.

Printed in U.S.A. Second class postage paid at Washington, D. C. Established as Science News Letter® in mimeograph form March 13, 1922. Title registered as trademark U. S. and Canadian Patent Offices. Indexed in Reader's Guide to Periodical Literature, Abridged Guide and the Engineering Index. Member of Audit Bureau of Circulation. UNSOLICITED MANUSCRIPTS will not be returned unless accompanied by a stamped, self-addressed envelope.

Published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N.W., Washington, D. C. 20036. North 7-2255. Cable Address: SCIENSERV.

ADVERTISING

L. D. Young, Advertising Director, SCIENCE NEWS, 1719 N St., N.W., Washington, D. C. 20036, Phone 202-667-8945.

Advertising Representatives: SCRIPPS-HOWARD NEWSPAPERS, General Advertising Department: 200 Park Ave., New York, N.Y., TN 7-5000; 400 N. Michigan Ave., Chicago, Ill., SU 7-3355; Suite 211, Braniff Building, Dallas, Tex., PL 7-3847; 908 E. Northland Tower, Southfield, Mich., 444-4595; 6363 Wilshire Blvd., Los Angeles, Calif., OL 3-0026; Room 1522, Philadelphia National Bank Building, Philadelphia, Pa., LO 3-6275; 100 California St., San Francisco, Calif., 989-5570; Suite 417, 3384 Peachtree Rd., N.E., Atlanta, Ga. 261-1571.