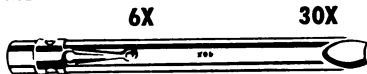


COMBO! TELESCOPE & MICROSCOPE



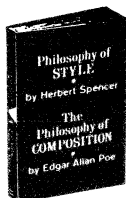
\$2.50 p.p.

Very little larger than a fountain pen. Has pocket clip! Complete! Self-contained! The many uses of this highly portable combination telescope and microscope defies description. Comes to you in fitted box with plastic bag, FREE.

Introductory price, includes, free, a prepared Microscope slide, ONLY \$2.50 p.p. Limited Offer.

HARRY ROSS

Scientific & Lab Apparatus
81-L Reade St., N.Y. 7, N.Y.



WRITE FOR MONEY!

Enrich your style through Herbert Spencer's and Edgar Allan Poe's classic principles that have influenced many of the world's great authors. Indispensable for writers eager to get published! Send \$1.00 to PAGEANT PRESS, 101 5th AVE., N. Y. 3, Dept. SN.

YOUR HAIR

ITS HEALTH, BEAUTY AND GROWTH
BY HERMAN GOODMAN, M.D.

A medical specialist tells you what you can and cannot do to save and beautify your hair, stimulate healthier hair growth, and deal with many problems, as dandruff—gray hair—thinning hair—care of the scalp—baldness—abnormal types of hair—excessive oiliness—brittle dryness—hair falling out—infection—parasites—hair hygiene—glands—diet—coloring—and myriad other subjects concerning hair. "Discusses the many problems of hair retention, regrowth and removal."—SCIENCE NEWS LETTER.
287 PAGES—Profusely Illustrated! Price \$3.95, postfree. 10-day Money-back Guarantee. EMERSON BOOKS, INC. 251 W. 19th Street, Dept. 789-M, New York 11, N. Y.

FREE
50
PAGE
OBSERVER'S
GUIDE

UNITRON
ASTRONOMICAL TELESCOPES
OBSERVER'S GUIDE

With artificial satellites already launched and space travel almost a reality, astronomy has become today's fastest growing hobby. Exploring the skies with a telescope is a relaxing diversion for father and son alike. UNITRON's handbook contains full-page illustrated articles on astronomy, observing, telescopes and accessories. It is of interest to both beginners and advanced amateurs.

CONTENTS INCLUDE:

Observing the sun, moon, planets and wonders of the sky • Constellation map • Hints for observers • Glossary of telescope terms • How to choose a telescope • Astrophotography

UNITRON

INSTRUMENT COMPANY • TELESCOPE SALES DIV.
66 NEEDHAM ST., NEWTON HIGHLANDS 61, MASS.

Please rush to me, FREE of charge,
UNITRON'S OBSERVER'S GUIDE and TELESCOPE
CATALOG # 5-0

Name _____
Street _____
City _____ State _____

GENERAL SCIENCE

U.S. Scientists Profit From Overseas Research

► THE MONEY SPENT on research is the most profitable kind of investment that civilization makes, but like educational expenditures it does not always bring back dollars to those who hand out the money.

The dividends of some advances amount to many thousand percent. The value of great medical advances, like the polio or measles vaccines, can be measured financially only if one is willing to equate dollars and cents to human life and suffering.

When budgets pinch and when, as now, we are worried by our outward gold flow and our international balance of payments, expenditures abroad are combed over to find what is vulnerable to cutting, and research done with U.S. money abroad is likely to be excised.

Since World War II, research in foreign laboratories has been supported by the Department of Defense, the National Institutes of Health and other Government departments. One figure is that more than \$83 million was spent by U.S. Government agencies in foreign laboratories in 1962, and the Budget Bureau is eyeing \$23 million as susceptible to cuts.

This may be false economy even though dollars and gold could be saved, because the nation is short on scientific research manpower, and doing research in foreign laboratories taps brains and energy of scientists that otherwise would not be available to us.

Industrial laboratories are using the research resources of other nations, establishing branches in universities and other organizations in countries such as Italy, France, West Germany, Switzerland and Mexico. This pays off.

A good case could be made for increasing, not decreasing, U.S. support of research abroad. For research is a scarce commodity and, unlike cotton or wheat, the world and our nation need as much as can be produced, in whatever geographical area.

• Science News Letter, 84:100 Aug. 17, 1963

PUBLIC HEALTH

Journal, Month Devoted To Asthma, Allergies

► THE 17 TO 18 MILLION persons in the United States who suffer from asthma or some form of allergy should benefit from two efforts being made on their behalf.

One is the annual campaign being conducted by the Allergy Foundation of America during National Allergy Month, Aug. 15 to Sept. 15.

The other is the new Journal of Asthma Research, a magazine dedicated to the care and cure of asthmatic children. It will serve as an information source for doctors, nurses and parents of asthmatic children.

National Allergy Month will feature a public information campaign and volunteer publicity by well known entertainers. The pamphlet, "Asthma, Hay Fever, and Other Allergies," will be distributed free.

• Science News Letter, 84:100 Aug. 17, 1963

Questions

ARCHAEOLOGY—What is the mystery of the green peril? p. 106.

ASTROPHYSICS—What distinguishes neutrinos from anti-neutrinos? p. 99.

INVENTION—What is the first patent ever issued directly to the U.S. Government? p. 102.

MEDICINE—What is the major stumbling block in transplanting kidneys? p. 112.

NUTRITION—Where do children eat clay as normal social activity? p. 101.

PALEONTOLOGY—Where is the Dinosaur Walk located? p. 103.

SCIENCE NEWS LETTER

VOL. 84 AUG. 17, 1963 NO. 7

Edited by WATSON DAVIS

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N.W., Washington, D. C. 20036, North 7-2255. Cable Address: SCIENSERV.

Subscription rates: 1 yr., \$5.50; 2 yrs., \$10.00; 3 yrs., \$14.50; ten or more copies in one package to one address, 7½ cents per copy per week; single copy, 15 cents, more than six months old, 25 cents. No charge for foreign postage. Change of address: Three weeks notice is required. Please state exactly how magazine is addressed. Include postal zone number.

Copyright © 1963 by Science Service, Inc. Reproduction of any portion of SCIENCE NEWS LETTER is strictly prohibited. Newspapers, magazines and other publications are invited to avail themselves of the numerous syndicated services issued by Science Service. Science Service also produces and distributes THINGS of science (monthly), produces and publishes books, and conducts the National Science Youth Program.

Printed in U.S.A. Second class postage paid at Washington, D. C. Established 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.



SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation.

Board of Trustees—Nominated by the American Association for the Advancement of Science: William W. Rubey, University of California at Los Angeles; Wallace R. Brode, Washington, D. C. (Treasurer); Douglas Whitaker, Rockefeller Institute for Medical Research. Nominated by the National Academy of Sciences: Harlow Shapley, Harvard College Observatory; Philip Bard, Johns Hopkins University; Henry Allen Mae, John Simon Guggenheim Memorial Foundation. Nominated by the National Research Council: Leonard Carmichael, Smithsonian Institution (President); John R. Dunning, Columbia University; Benjamin H. Willier, Johns Hopkins University. Nominated by the Journalistic Profession: Gordon B. Fister, Allentown (Pa.) Call-Chronicle; O. W. Riegel, Washington and Lee University; Ralph B. Curry, Flint Journal. Nominated by the Scripps Estate: Edward J. Meeman, Memphis Press-Scimitar; Ludwell Denny, Washington, D. C.; Charles E. Scripps, Cincinnati, Ohio (Vice President and Chairman of Executive Committee).

Staff—Director: Watson Davis. Assistant Director: Dorothy Schriver. Writers: Ann Ewing, Elizabeth Hall, Faye Marley, Elizabeth Mirel, Barbara Tufty, Judith Viorst, Walter Wingo, Ruby Yoshioka. Science Youth Division: Joseph H. Kraus, Leslie V. Watkins. Photography: Fremont Davis. Production: Priscilla Howe, Marcia Nelson. Conferences: Forrest L. Snakenberg. Librarian: Margit Friedrich. Interlingua Division in New York: Alexander Gode, 80 E. 11th St., GRamercy 3-5410. Advertising Manager: Fred A. Moulton, METropolitan 8-2562, Washington, D. C.

