

FASCINATING ANT FARM—\$2.98

An ant's entire world seen through the clear plastic walls of this unbreakable, escape-proof ANT FARM. Have fun watching the busy army of worker ants digging tunnels, building bridges, moving mountains! Large 6" x 9" size. Includes barn, silo, windmill and barnyard where the ants can work and play. Actually a scientifically designed living TV screen that will keep the kids fascinated for hours. Educational! A generous supply of ants included FREE with every ANT FARM, together with a free book, "The Ant Watchers' Manual". Only \$2.98 complete. HOWARD STEVEN CO., Dept. AH-16, 7015 Sunset Blvd., Hollywood 28, California.

Rapture

● is a word probably too ecstatic in meaning ● for describing how users feel about the convenience of storing and indexing many small samples in our Sample Storage Sets. But ● anyway write for our leaflet SSS/SNL. ●

● R. P. Cargille Laboratories, Inc. ●

● 117 Liberty St. New York 6, NY. ●

2 FOR \$14.95

MAGNETO HANDESET INTER-COMM (rebuilt). For house to barn etc., included 100 ft. of wire and 4 batteries. Additional wire .01¢ per ft. Any number can be connected in same line. Write for FREE List. All Shipments FOB Simpson, Pa.

TELEPHONE ENGINEERING CO.
Dept. SNL-2 Simpson, Pa.

SELLS FIRST STORY AT 60

"Since I am crowding threescore, my objective in taking the N.I.A. Course was not to become a professional writer. However, while still taking the course, I sent an article to St. Joseph Magazine. It was immediately accepted and asked for more. All thanks to N.I.A."—Albert M. Hinman, 1937 East Silver St., Tucson, Ariz.

To People who want to write but can't get started

DO YOU have that constant urge to write but fear that a beginner hasn't a chance? Here is what a famous editor said: "There is more room for newcomers in writing than ever before. Some of the greatest of writing men and women have passed from the scene. Who will take their places? Fame, riches and the happiness of achievement await the new men and women of power."

A Chance to Test Yourself—Free
The Newspaper Institute of America offers a FREE Writing Aptitude Test. Its object is to discover more men and women who can add to their income by fiction and article writing. The Writing Aptitude Test is a simple but expert analysis of your latent ability, your powers of imagination, logic, etc. Those who pass this test are qualified to take the famous N. I. A. course based on the practical New York Copy Desk Method which teaches you to write by writing. You work at home, in leisure time, constantly guided by experienced writers. Soon you acquire the coveted "professional" touch. Then you are ready to market your stories, articles and news items.

Mail the Coupon NOW

Taking the FREE Writing Aptitude Test requires but a few minutes and costs nothing. So mail the coupon now. Take the first step towards the most enjoyable and profitable occupation—writing for publication! Newspaper Institute of America, One Park Ave., New York 16, N. Y. (Founded 1925) (Licensed by State of N. Y.) (Approved Member, National Home Study Council.)

FREE Newspaper Institute of America
One Park Avenue, New York 16, N. Y.
Send me, without cost or obligation, your Writing Aptitude Test and further information about writing for profit as promised in Science News Letter, November 16, 1957.
Miss _____
Mrs. _____
Mr. _____
Address _____
City _____ Zone _____ State _____
(All correspondence confidential. No salesman will call on you.)

Copyright 1957 Newspaper Institute of America

MICRO-ADS

Equipment, supplies and services of special interest to scientists, science teachers and students, science-minded laymen and hobbyists. 25¢ per word, payable in advance. Closing date 3 weeks prior to publication (Saturday).

SNL, 1719 N St., N.W., Washington 6, D. C.

CHEMICALS AND APPARATUS

CHEMICALS IN SMALL QUANTITIES (one to eight ounces). Everything for your laboratory. (Catalog 25¢. 24th year. John H. Winn Co., Inc., 124 West 23rd Street, Dept. 200, New York 11, N. Y.)

CHEMICALS. LABORATORY APPARATUS. Glassware. Microscopes, Microscopy Supplies. Catalog 25¢. Biological Supply Co., Dept. S., 1176 Mt. Hope Ave., Rochester 20, N. Y.

OPTICAL EQUIPMENT

SPECIALISTS USED MICROSCOPES AND ACCESSORIES. Prepared slides. Microscopy supplies. Biological kits. Scientific oddities. Meteorites, minerals, sea shells. Insects in alcohol. Telescopes. Our fully illustrated catalog free. Research Scientific Supplies, Inc., 126 West 23rd Street, New York 11, N. Y.

SEE THE WONDERS OF OUTER SPACE through Skyscope, a reflecting telescope. Free information with photos of parts. Skyscope Inc., Box 55, Brooklyn 28, N. Y.

NUCLEAR REACTOR TECHNOLOGY

COMPREHENSIVE COURSE NUCLEAR REACTOR technology. Atomic Energy Institute, Signal Mountain, Tenn.

JEWELRY

MAKE AND SELL YOUR OWN REAL WESTERN Tumbled Stone Jewelry. It's easy—everything supplied. Free Lists. M. Avery, 332 Columbia Boulevard, Wood Ridge, New Jersey.

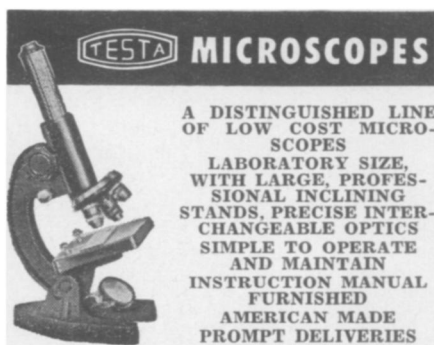
BOOKS AND MAGAZINES

CUT GEMS, MAKE JEWELRY—FOR PROFIT or fun. 100 page magazine tells how; where to get supplies. Sample 25¢ or request free literature. Lapidary Journal, Del Mar 1, Calif.

MAKE MONEY WRITING

.. short paragraphs!

You don't have to be a trained author to make money writing. Hundreds now making money every day on short paragraphs. I tell you what to write, where and how to sell; and supply big list of editors who buy from beginners. Lots of small checks in a hurry bring cash that adds up quickly. No tedious study. Write to sell, right away. Send for free facts. **BENSON BARRETT**, Dept. 163-M, 7464 N. Clark St., Chicago 26, Ill.



MODEL F—100 to 700X.....\$99.50
Parfocal triple nosepiece. Condenser stage with aris diaphragm. Coarse and fine adjustment.

MODEL G-3—100 to 400X.....\$64.50
Triple divisible objective. Substage diaphragm turret. Most economical high school microscope.

MODEL S-2—75 to 250X.....\$37.85
Double divisible objective. Simple and efficient for elementary science use.

MODEL A—15, 45 and 75X.....\$54.85
Study, standard-sized, with wide field, sharp vision. Excellent for nature study.
SUBSTAGE LAMPS and other ACCESSORIES

Write for literature to Dept. SNL

TESTA MFG. CO.

10122 E. Rush St., El Monte, Calif.

Questions

ASTRONAUTICS—What planet is said to be a possible source of the "flying saucer" rumors? p. 307.

ENDOCRINOLOGY—What effect did ACTH injections have on male rats' arteries? p. 312.

METALLURGY—Which ceramic has been found to be the most "bendable"? p. 313.

Photographs: Cover, Lick Observatory; p. 307, U. S. Post Office; p. 310 and 311, Ladd Observatory; p. 314, U. S. Department of Agriculture; p. 320, Rockland Precision Mfg. Co., Inc.

PHYSIOLOGY

Nylon Tube Makes Nerves Grow Again

► THE REGROWTH of an adult animal's spinal cord has been made possible by the use of a special nylon tube that surrounds the two severed ends.

This is reported by Drs. James B. Campbell, C. Andrew L. Bassett, Jakob Husby and Charles R. Noback, College of Physicians and Surgeons, Columbia University, New York, in *Science* (Nov. 1).

The nylon tube is impregnated with cellulose acetate and forms a scaffolding that appears to allow the orderly regrowth of the many nerve fibers in the cord until they close the gap.

The structure of nylon is such that necessary body fluids can pass through it and nourish the regrowing nerves. However, it keeps out tissue cells that might otherwise invade the area and stop the repair.

In cats, the nylon tube caused the ends of the spinal cord to be firmly joined by a bridge of tissue within 30 days. Microscopic examination showed the separate fibers were regenerating in an orderly fashion within the gap.

The same technique has also been used for repair of outlying nerves in the animal body. Because of it, the nerves have begun working again 70 days after a one-inch gap was repaired.

It is still too early to tell how much function will return to the spinal cords after they have grown back together, the scientists report.

Science News Letter, November 16, 1957

Do You Know?

A fish-eating *bat* which obtains its food directly from the sea is among specimens of animal life recently collected in the Gulf of California.

In "ulcer type" individuals who are anxiety driven, the *vagus nerve* stimulates an overproduction of gastric juices that eat gastric ulcers in the stomach lining.

In mass campaigns against *syphilis* and *yaws* more than 55,000,000 people had been examined and 16,000,000 treated by the end of 1956.