

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.

LANGUAGE COURSES

FREE BOOK tells about New Relaxed Way to learn any of 34 languages almost overnight. Write Lingoaphone Institute, 355-107 Radio City, New York 20.

MISCELLANEOUS

BINDERS FOR SNL—STURDY BUFF-colored buckram. Individual snap-in metal strips hold full year's 52 copies. Only \$4.00 postpaid. Send order with remittance to Science News Letter, 1719 N Street, N. W., Washington 6, D. C.

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.

YOU CAN PUBLISH YOUR BOOK

Free brochure tells how we published 2000 books for authors. Free editorial appraisal. Write Dept. SN-10 EXPOSITION PRESS / 386 4th Ave., N.Y. 16

Heavy

Liquids are our specialty. For det. sp. gr. of solids by sink or float. Suspensions available up to sp. gr. 7.5. Liquids made to order for differentiating good parts from bad. Write for leaflet HL SNL.

R. P. Cargille Laboratories, Inc.
117 Liberty St. New York 6, N.Y.

HANDY UTILITY BINS with SEE-THRU Drawers

The tidy, see-thru way to store your miscellaneous supplies. Use it for shop equipment, screws, bolts, washers; Fishing equipment, files, sinkers, line, etc. Women store sewing needs, etc. Ideal for the office to corral those small items, clips, rubber-bands, ball point refills, stamps, tacks. There are hundreds of uses for these really handy bins.

- New Design Eliminates Sharp Edges
- Drawer Stops to Prevent Spillage
- Mounting Holes for Hanging
- Dimpled for Lock Stacking
- Clear Plastic Drawers 5 3/4" x 2 3/4" x 1 1/4"

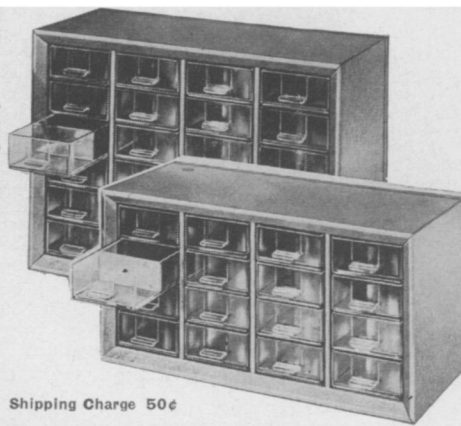
2 STANDARD SIZES in Heavy Gauge Steel
16 Drawer Unit: 7" x 13 1/2" x 6 1/2"
24 Drawer Unit: 9 1/2" x 13 1/2" x 6 1/2"

16 Drawer Model 16H with Index Labels & Drawer Dividers	24 Drawer Model 24H with Index Labels & Drawer Dividers
--	--

\$6.95**\$9.95**

Shipping Charge 50¢

JOHN SURREY, LTD., 11 West 32nd Street, Dept. SN-26, New York, N. Y.

**Self Illuminating 7 POWER MAGNIFIER**

A regular \$9.95 value now available at less than 1/2 former price. This quality built POWER MAGNIFIER uses not one but TWO PRECISION-GROUND OPTICALLY-PERFECT COATED LENSES. Magnifies with startling sharpness and clarity. Built-in self-illuminator uses two standard flashlight batteries. Opening in housing permits using with other instruments. Thousands of satisfied users among HOBBYISTS—STAMP COLLECTORS—MODEL BUILDERS—MECHANICS—JEWELERS—STUDENTS—LABORATORY TECHNICIANS—ARTISTS—TEACHERS—INSTRUCTORS—MEDICAL PROFESSION. Built in gauge measures in inches and centimeters.

Ruggedly constructed of chromed steel and bakelite for years of satisfactory service.



Only **\$2.98** complete

Does Not Include Batteries
Larger 10 Power DeLuxe Model \$3.98

NOVEL MFG. CO., 33 Second Ave., Dept. M-2059, New York 3, N. Y.

GENERAL SCIENCE

Talent Search Begins

► THE NATION'S top means for finding potential research scientists among the country's high school seniors has begun. It is the annual Science Talent Search for the Westinghouse Science Scholarships and Awards.

The start of the 17th Search comes at a time when U. S. scientists and politicians are suggesting that the need for scientific manpower is of paramount importance to the safety of the Free World. It also coincides with "National Science Youth Month," now in progress.

High school seniors throughout the country will strive for awards and scholarships totaling \$34,250.

Last year more than 20,000 students entered the contest.

From the thousands of applicants, judges select 40 national winners and 260 honorable mention winners. The 40 winners attend the five-day Science Talent Institute in the nation's capital where they compete for the scholarships and awards, meet leading scientists and visit the many research laboratories in the area.

Conducted by SCIENCE SERVICE through its Science Clubs of America and supported by the Westinghouse Educational Foundation, the Search has attracted nearly 225,000 high school scientists to date. Of these, 44,000, including more than 10,000 girls, have completed all the requirements of the Search. In addition, 31 states and the District of Columbia are holding their own

science talent searches concurrently with the national competition this year.

To comply with the entry rules, all contestants must take a two and one-half hour science aptitude examination and write a report on "My Scientific Project." Personal and scholastic records are required from the entrant's school, either public, private or denominational, within the continental limits of the United States. The examination will take place at the individual's own school beginning Dec. 2, and all entries must be received by midnight, Dec. 27, 1957.

Unlike many scholarship programs, the Search has no rule prohibiting its winners from accepting scholarships from other sources as well. This year, the Westinghouse Educational Foundation has tripled the amount to be awarded to the winners. The most promising young scientist among the 40 winners will receive a grand scholarship of \$7,500. Four other scholarships range in value from \$6,000 to \$3,000. Each of the remaining 35 winners will receive an award of \$250.

Science News Letter, October 26, 1957

Do You Know?

All the fossil fuels used before 1900 would not last five years at today's rates of consumption.

Boundary layer control is a method of reducing turbulence of air movements over airfoil surfaces of aircraft by passing air through a layer of porous material.

A new lollipop-shaped radar antenna which is inflated like a balloon makes it possible to set up a transportable radar station anywhere in less than two hours.

The South accounts for only a fourth of the U. S. food expenditures, although nearly a third of the population lives there.

Questions

AGRICULTURE—What is the advantage of the new type of dent corn developed by U. S. Department of Agriculture scientists? p. 263.

BIOCHEMISTRY—What effect does the pituitary gland have on aspirin? p. 265.

GEOPHYSICS—What names have been given the satellite and its rocket? p. 259.

TECHNOLOGY—How could "jamming" be used against an enemy in directing the flight of a missile? p. 261.

Photographs: Cover, Q. Carlson; p. 259, Westinghouse Broadcasting Co., Inc.; p. 260, State University of Iowa; p. 261, Westinghouse Electric Corp.; p. 263, General Electric Co.; p. 272, Bakelite Co.