

## GENUINE OLDTIME GOLD PANS

**THE BONANZA KIT:** Contains a gleaming spun-copper 14½" pan; Booklet, "Pan Your Own Gold"; map, "Go Where the Gold Is"; Magnet; Magnifying Glass; Vials ..... \$9.50

Delivered in stout serviceable box.

**THE ELDORADO KIT:** Contains all the quality items listed above except the 14½" pan in 24-gauge steel rather than copper. Delivered in stout serviceable box ..... \$6.50

**ECKERT** MINERAL RESEARCH  
PROSPECTORS SUPPLIES

110 EAST MAIN ST.  
FLORENCE, COLORADO

**A FANTABULOUS BUY!**  
EASTMAN f/2.5-7 INCH  
AERO EKTAR LENS  
Orig. Cost Gov't approx. \$200.00  
Never before such a bargain... was originally designed for use in the K-21 and K-24 aerial cameras. Has 178mm focal length with f-stops from f/2.5 to f/16. Has been used to photograph Comets - could possibly be used to photograph Satellites, etc. Ideal for night or poor light conditions due to tremendous light gathering power. Will work equally well with Black & White or Color Film. Can be adapted to 35mm or Speed Graphic Cameras as a telephoto lens.

**2995 USED BUT EXCELLENT 4495 NEW**

**NEW MICROSCOPE**  
with ILLUMINATED SUB-STAGE MIRROR and TRIPLE TURRET  
NOW 1095 INCLUDING 8-PC. DISSECT SET  
HAS 60, 120, 150, 180, 300 and 450 POWER MAGNIFICATION

Ideal for use by Amateur Scientist, Student, etc. in Home Laboratory for study of plant and insect life, microbes, blood cells, etc.

This wonderful Microscope Bargain will fill your every need. Has precision ground and polished lenses. Two eyepieces of 6X and 15X that are interchangeable. Revolving turret has three lenses of 10X, 20X and 30X magnification. Patented sub-stage mirror has self-contained light to illuminate your slide. Body is all-metal and will incline 90°. Comes complete with fitted wood case and 3 slides... plus FREE dissecting set described below.....

**FREE WITH MICROSCOPE**  
8-PIECE DISSECTING SET. Has scalpel, six slides, Magnifying glass, Tweezers, Scissors, etc.

**WORLD'S MOST AMAZING CATALOG**  
THE LARGEST COLLECTION OF BARGAINS ever assembled in one catalog!  
396 PAGES  
Nationally Advertised Merchandise • New and Used Gov't Surplus • Factory Close-outs • Exciting Imports! FROM EVERYWHERE Palley's brings you items of every description at unbelievably LOW PRICES! Order your copy today!

Send 50c (for handling & mailing) Your 50c will be refunded with your first order of \$1.00 or more.

**Palley's**  
TO ORDER: Send check, or M.O. 1/2 deposit with C.O.D.'s. Prices F.O.B., Los Angeles, Calif.  
2283 E. Vernon Avenue, Dept. M-42, Los Angeles 58, Calif.

## 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.

### 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.

### 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.

### EDUCATIONAL

**ANGLE TRISECTOR, FOR MATHEMATICIANS.** Trisects angles mechanically. Aids mathematical visualization and design. Mach. plexiglas 11". Ppd. \$3.95. V-TRISECTOR CO., 241 So. La Brea Ave., Inglewood, Calif.

### COLOR SLIDES

**ALASKA AND ITS WILDLIFE.** 400 FINEST quality color slides of big game, sceneries, towns and Eskimos. Send 25¢ in coin for sample slide and catalog. Northern Color Film Company, Box A, Cooper Landing, Alaska.

### TRANSLATIONS

**FRENCH, GERMAN, ITALIAN, PORTUGUESE.** Spanish to English; English to Spanish—Science, Medicine, Technology, Patents, Vega-Gomez, 3818 Chestnut Street, Philadelphia, Pennsylvania.

### MAKES FILING SAFER, EASIER

"Saf-T-Grip" fits all files!

SLIPS ON & OFF  
IN ONE SECOND!



Plane-type, hand-fitting handle slips on all files to give uniform, arm-action filing pressure and keep hands safely away from work. Solid aluminum; lightweight.

**\$1.** (3 for \$2.85) DELIVERED!  
(Satisfaction guaranteed or money-back!)

**DRUM CLIFF COMPANY**  
DEPT. 169, TOWSON 4, MD.

### MEMO TO WRITERS:

The priceless ingredient in every book is the integrity of the publisher. If we are convinced of the quality and sales potential of your manuscript, we will offer you a fair cooperative contract. Publication will be handled by men of vision and experience. Submit your manuscript to:

**THE AMERICAN PRESS**

Attn: Mr. OHM, 489 Fifth Ave., N.Y., N.Y.

### MEDICINE

## Long Use of Some Drugs May Cause Body Damage

► **PROLONGED** use of some of today's common medical drugs causes permanent body damage to rats and may be doing the same thing to humans, Dr. Curt P. Richter, John Hopkins Hospital, Baltimore, Md., reported to the National Academy of Sciences meeting in New York.

The damage done by the drugs cannot be seen and the rat appears normal. However, daily records of the animal's running activity and food and water intake over long periods of time show the permanent damage.

The drugs tested included a sulfa drug, two anti-thyroid drugs, a barbiturate, a pain-relieving drug and female hormones. They were fed to the rats for from one to four months and created great and regular cycles of activity which have never been seen in a normal rat.

Each cycle was divided into a period of activity and one of almost complete inactivity. Food intake sometimes doubled in the inactive period.

The cycles indicate damage has most likely been done to the hypothalamus in the brain, and the rat never recovers from it.

Attention should be paid to the affects of many of today's new drugs after treatment with them has stopped, rather than just while it is going on, Dr. Richter told **SCIENCE SERVICE.**

The studies showed that, at least in the rat, the drugs may be doing damage which does not show up at first, but which will be found long afterward.

Science News Letter, December 7, 1957

### MEDICINE

## Report Clue To Leukemia

► **SCIENTISTS** at the University of California at Los Angeles have reported a new clue to leukemia, often called "cancer of the blood."

The clue turned up in experiments with mouse leukemia, which is similar to a type of human leukemia.

Purified nucleic acid, the genetic material of all living cells and viruses, from leukemic mice was injected into a strain of mice known to have a low incidence of spontaneous leukemia.

There was a significant increase in incidence of leukemia among the mice injected with the nucleic acid.

The scientists said the leukemia-causing properties of this nucleic acid may be within this substance itself or it may in some way activate leukemia-causing potentialities in the genetic mechanism of the host.

They emphasized these results were only preliminary and that much more research was necessary to learn their true meaning.

The experiments were performed by Drs. Esther Fincher Hays, Norman Simmons and William S. Beck of the UCLA Atomic Energy Project.

Science News Letter, December 7, 1957

A rattlesnake's head can move at speeds of 20 feet per second during a strike.

## AMAZING PEN OFFER

Surrey's Bankers Press-O-Matic **RETRACTABLE BALL PENS**

\$1.69 Value Now **4 for \$1.00**

Full length—silver point!

**REFILLS 8 for \$1.00**  
No Smear — No Leak  
Every Pen Guaranteed

Push the Button  
Point Appears  
Press Clip  
Point Retracts

**JOHN SURREY, Ltd.,**

11 W. 32 St., Dept. SN-32, N. Y. 1, N. Y.

SEND ME \_\_\_\_\_ Pens @ 4 for \$1.00 — NO CODs

Send Me Refills Red \_\_\_\_\_ Green \_\_\_\_\_ Blue \_\_\_\_\_ @ 8 for \$1.00

NAME \_\_\_\_\_ ENCLOSED \$3 per dozen

ADDRESS \_\_\_\_\_ \$24.00 per 100