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60 to 450 POWER

Take advantage of our tremendous foreign purchase. Ideal for use by the Amateur, Scientist, Student.

- Has Triple Revolving Turret with 10X, 20X and 30X precision ground and polished lenses.
- Two interchangeable eyepieces of 6X and 15X with precision ground and polished lenses.
- SIX MAGNIFICATIONS for all purposes—60X, 120X, 150X, 180X, 300X and 450X.
- New Patented Sub-Stage with SELF-CONTAINED LIGHT. No external light source is needed.
- Large sub-stage mirror for use with external light when desirable.
- All Metal Body—precision made. Inclines through 90 degrees.
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This eight piece dissecting set contains Scalpel, Tweezers, etc. Free with microscope above.

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IDEAL FOR STUDENTS, AMATEURS, SCHOOLS, ETC. **Only 895**

An unsurpassed value! This is NOT A TOY! The triple revolving objective lens turret allows you to select a 100X, 200X or 300X magnification. Has right or left hand rack and pinion adjustment for smooth, precise movement. The all metal body inclines 90 degrees. Adjustable plano-sub-stage mirror. Complete in hardwood case. Satisfaction fully guaranteed or money back.



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**10 POWER NAVY SPYGLASS**


Here's a real optical bargain. Manufactured by Wollensak for the U.S. Navy Bureau of Ships. A 10 Power Officer of the Deck Spyglass. Has top quality, fully coated, precision ground lenses. Adjustable eyepiece. Overall lgh. is 22-3/4". Complete in handsome hardwood case with brass hinges and locks. Used but excellent—**2275**  
**2995**

**SPYGLASS—Same as above but ALL NEW... 2995**



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A Synchronous Type AC motor. Made originally for Army fire control units. A precision motor for the experimenter, etc. Will operate without speed variation for an indefinite time. 115 Volt, 60 cycle AC. **1495**



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A remarkable Navy Surplus Bargain. Originally designed as an Azimuth Telescope which mounted above the Gyro Compass. Has approx. 6 POWER. Finest Quality fully coated lenses. Crosshair reticle. Adjustable eyepiece. A Sun filter and a Haze filter. New cond. Cost Gov't \$150.00 **2495**



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**NEW ARMY SURPLUS 178mm f:2.5 CAMERA LENS**

Originally designed for use on the K-21 and K-24 Aerial Cameras. A genuine EASTMAN AERO EKTAR 178mm lens. Has speeds from f:2.5 to f:16. Focal length is 7 inches. This amazing lens is NEW—in original can. Guaranteed perfect condition. Excellent for Color or Black and White. Exceptionally fine for night work or in poor light conditions. Comes with 2 filters—1 Polarized (for haze) and 1 yellow, plus a filter adapter, a lens heater for high altitudes and a lens dust cap. Can be adapted to 35 mm or Speed Graphic Cameras as a Telephoto lens (see below).

**ONLY 6950**

**SPEED GRAPHIC ADAPTERS for above lens—**  
Includes Lens Board, Extension Tube and Bed Support.  
2-1/4x3-1/4" **2175** 3-1/4x4-1/4" **1875**  
4x5" **1475**

**35 MM ADAPTERS FOR ABOVE LENS—**  
Complete—no other parts to buy. Will focus from 8 ft. to infinity—setting marked on the mount.  
LEICA—CONTAX S&D—EXACTA... **8950**  
CONTAX 2A... \$109.50 HASSALBAD... \$139.50



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**ECOLOGY**  
**Some Floods Help Fishermen**

► RIVER FISHERMEN can thank floods for the banks that allow them to cast their lines.

High water keeps parts of the Potomac River's banks free of brush, Dr. Robert S. Sigafos, U. S. Geological Survey botanist, reported to the Ecological Society of America meeting in Storrs, Conn. He outlined some of the effects of high water and floods on vegetation near the nation's capital.

Plants react differently to different types of floods, Dr. Sigafos said. High stream velocity during floods that occur once every three years allows only oaks to grow on exposed knolls. Ice jams destroy all trees except the biggest ones. The final result is a zonation that enables skilled observers to read part of the river's recent history in the vegetation along its banks.

Science News Letter, September 8, 1956

**PSYCHOLOGY**  
**Law School Students Become Less Cynical**

► LAW SCHOOL STUDENTS become less cynical as they go through their course, Dr. Leonard D. Eron of Rip Van Winkle Foundation, Hudson, N. Y., and Dr. Robert S. Redmount of Yale University reported to the American Psychological Association meeting in Chicago.

This is the reverse of what happens to medical students. Last year Dr. Eron reported that senior medical students are more cynical than freshmen and he traced this change in attitude to the effect of their studies.

Why should law study make students less cynical while medical study makes them more so?

The psychologists attribute it to the traumatic effects the medical students encounter in the course of their studies.

Science News Letter, September 8, 1956

**Do You Know?**

Use of commercial fertilizers by the world's farmers has more than doubled since before World War II.

The weaving of the nest bag of a giant oriole is laborious and is done exclusively by the females who work a 12-hour day.

Undetected fires are particularly common and disastrous to churches with their many concealed spaces and long periods of vacancy.

The female bagworm spends her entire life in a cocoonlike silken bag, sometimes seven inches long, into whose texture she interweaves bits of leaves.