

We started with **Fun**

... and
found
we'd
bought
an
education!



SWIFT[®]

**Imported ASTRONOMICAL
and TERRESTRIAL
TELESOPES**



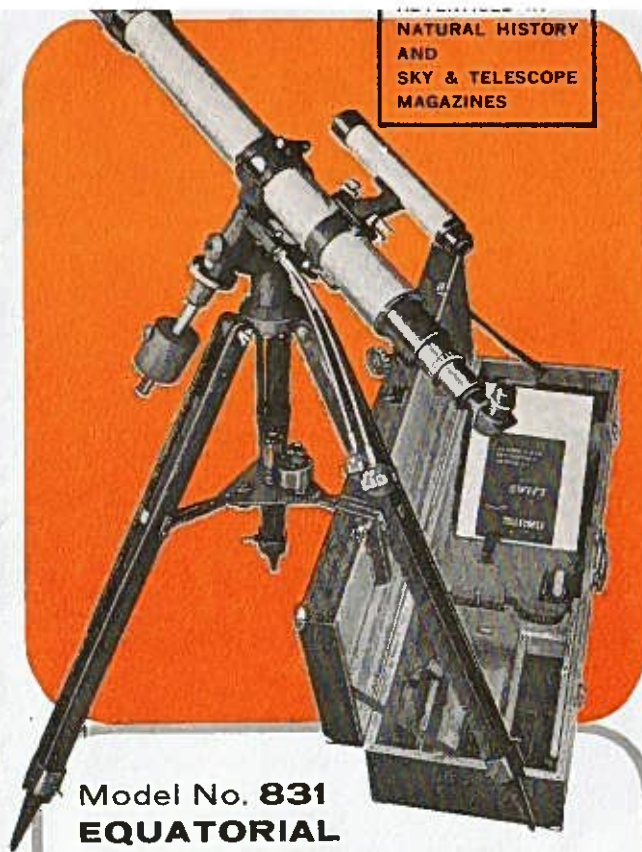
The fun of astronomy is only beginning when you first see the craters of the moon, the satellites of Jupiter or those unbelievably brilliant rings that encircle silvery Saturn.

Soon, you begin to feel the thrill of the hunter, searching the heavens for rarely seen star clusters, distant nebulae, blue giants and red dwarfs. You may even be the first to spot a new comet as it approaches our solar system. More than one advanced amateur has done just that.

In any event, astronomy will stretch your mind and provide unending interest and intellectual stimulus for your family.

The telescopes shown here are soundly designed, carefully made instruments that will give you *excellent* performance at a modest price. All optics are precision ground from center-pot optical glass, cold-polished and hard-coated for maximum light transmission; lens elements are air-spaced for maximum resolving power. Body castings are of rigid, non-corroding, extruded or cast metals. Enamel finishes are triple-coated and oven-baked. In general, every Swift instrument is designed to reflect *credit* on its maker by giving its owner maximum value for his money.

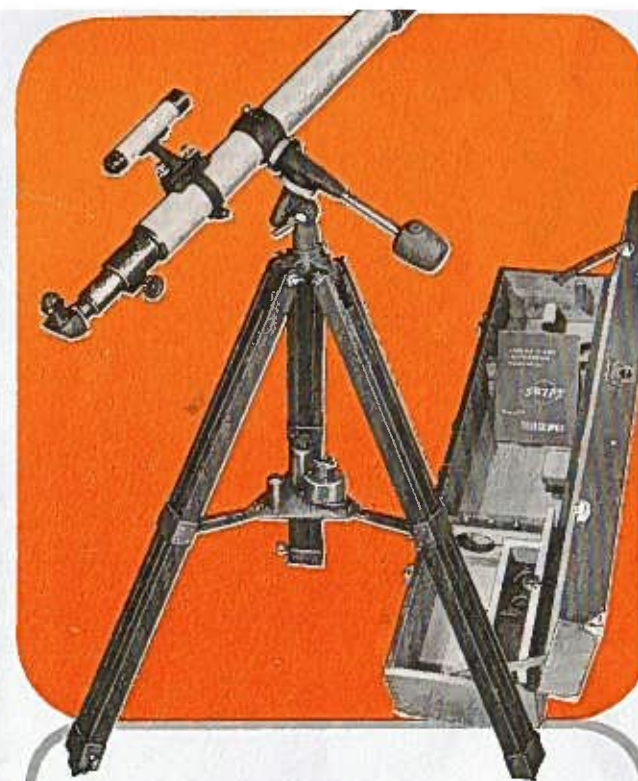
NATURAL HISTORY
AND
SKY & TELESCOPE
MAGAZINES



Model No. 831 EQUATORIAL REFRACTOR

Swift's finest telescope. 3" objective brings in 11th magnitude stars. 1,000 mm focal length provides 25X, 111X, 167X with 6, 9 and 40 mm eyepieces. 2X Barlow lens doubles these. Up to 20,000 moon craters and linear faults on moon become visible. Sun filter permits safe observation of sun spots, solar flares and solar granulation. 10X.40 Finder Scope has cross-hair reticle for accurate alignment of main tube. Massive, precision-built equatorial mount fully counterbalanced for smooth action and zero-drift positioning at all angles. Slow motion controls, engraved declination and right ascension scales facilitate aiming and tracking. Rigid, wood-metal tripod, accessory tray, star diagonal, erecting prism, storage cabinet, free Moon Map included. Weight 55 lbs.

\$290.00



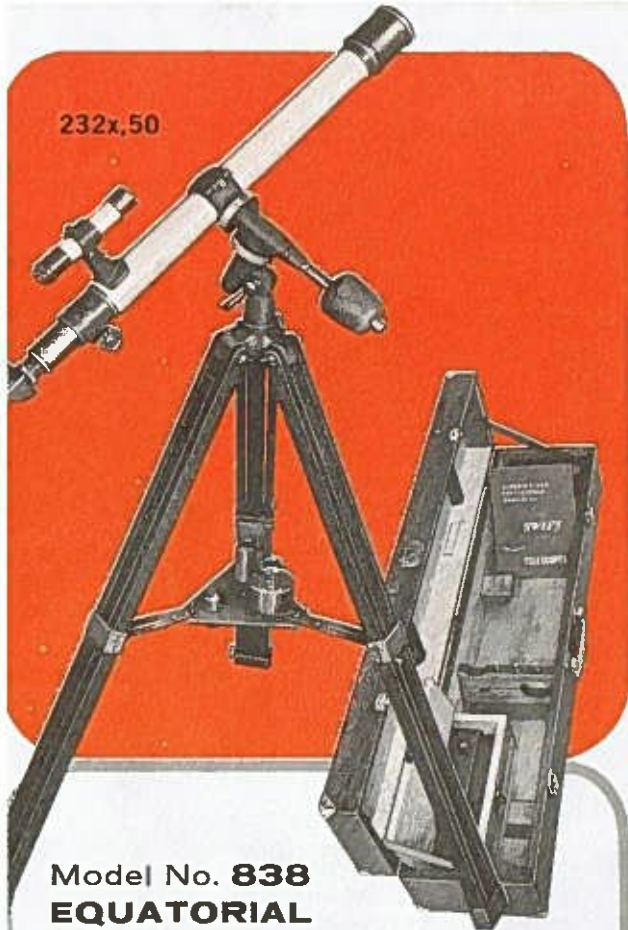
Model No. 839 EQUATORIAL REFRACTOR

60 mm objective, focal length 810 mm, 6X.30 Finder Scope with hairline reticle . . . this scope offers very nearly as much performance as the 831 at a considerably lower price. Fully counterbalanced equatorial mount, engraved declination and right ascension scales, finely machined rack and pinion focusing mechanism. Finder Scope is detachable, can be used as low-power sport scope. Two eyepieces plus Barlow lens give choice of 40X, 81X 135X or 270X . . . enable viewer to see approximately 10,000 moon craters plus Martian ice cap under good viewing conditions. Wood-metal tripod and accessory tray, star diagonal, erecting prism, sun filter, compartmented storage cabinet. Weight 30 lbs.

\$148.00

Guaranteed by SWIFT: Each Swift instrument containing defective materials or workmanship when mailed to us post paid will be repaired or replaced for the natural life of the instrument.

232x,50



**Model No. 838
EQUATORIAL
REFRACTOR**

Swift's lowest priced equatorially mounted scope is ideal for the serious beginner who is really interested in celestial observation. Counterbalanced mount permits finding celestial objects invisible to naked eye (by reference to nautical or astronomical almanac) and following them with one aiming adjustment. Two eyepieces plus Barlow lens offer choice of 35X, 70X, 116X, 232X . . . bring in about 5,000 moon craters. Smooth, accurate, rack and pinion focusing, built-in dew cap, separate 5X.24 Finder Scope. Erecting prism converts for terrestrial use. Wood-metal tripod and accessory tray, star diagonal, sun filter, storage cabinet. 700 mm focal length. Weight 25 lbs. **\$116.50**

SWIFT INSTRUMENTS, Inc.
Boston 25, Mass. San Jose 12, Calif.



40x,60

**Model No. 818
ALTAZIMUTH REFRACTOR**

More than five times as powerful as a general purpose binocular, a good, serviceable instrument for general use. 40X eyepiece shows moon craters, Jupiter's satellites, Saturn's rings, star clusters, double stars . . . also excellent for nature study from sheltered observation post (too big for field use). Chrome-brass, draw-tube focusing. Adjustable tripod. Weight 7 lbs. in stout mailing container.

\$37.50

ACCESSORIES FOR MODELS No. 831, 838 and 839 only.

MODEL NO.	DESCRIPTION	PRICE
TA-1	Eyepiece: 40 mm Achromatic Huygenian	\$12.00
TA-2	Eyepiece: 26 mm Kellner	10.00
TA-3	Eyepiece: 20 mm Kellner	10.00
TA-4	Eyepiece: 12 mm Kellner	10.00
TA-5	Eyepiece: 6 mm Triplane	12.00
TA-6	Eyepiece: 4 mm Orthoscopic	13.75

Above eyepieces are 24.5 mm in diameter (.97") and are the European standard. The American standard is 1 1/4" diameter. If eyepieces are required for instruments using American standard, an adapter is required.

TA-7	Adapter to use above Eyepieces on 1 1/4" tube	3.00
TA-8	Star Diagonal Prism	10.00
TA-9	Erecting Prism	16.00
TA-10	Sun Glass Filter	2.00
TA-11	Moon Glass Filter	2.00
TA-12	Barlow Lens 2X	9.00
TA-13	Sun Projection Screen	13.50
TA-14	Eyepiece turret with four openings	16.50
TA-15	Telephotography adapter for Telescopes 838 & 839	6.00
TA-16	Telephotography adapter for Telescope 831	6.00
TA-17	Camera Holder for Projection Telephotography	19.00
TA-18	Sun Diagonal Prism	10.00

SOLD BY