



## LOOKING THROUGH GREAT TELESCOPES

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While showing this six-reel panorama of celestial objects I mentioned a number of focal points of emphasis in current research in Astronomy. Among these are:

1. Nature and interplay of forces which give instantaneous increments of velocity to solar prominences.
2. Exhaustive studies of unusual stars such as Novae, Epsilon Aurigae, Gamma Cassiopeiae, etc.
3. The mechanism of stellar radiation.
4. Extension of studies to fainter classes of stars.
5. Amount, nature and distribution of interstellar material in our galaxy.
6. Testing the reality of an "expanding universe."

This film was made from prints of the best negatives of the various objects obtained at the Mount Wilson, Lick, Lowell, Yerkes and Harvard Observatories. The directors of these institutions cooperated with Mr. Sibley and myself in the most generous manner in making this picture possible. Figs. 1 and 2 are taken from the film.



Fig. 1. Top—Nebula in Sagittarius. Bottom—Mare Tranquillitatis and Mare Serenitatis on the Moon.

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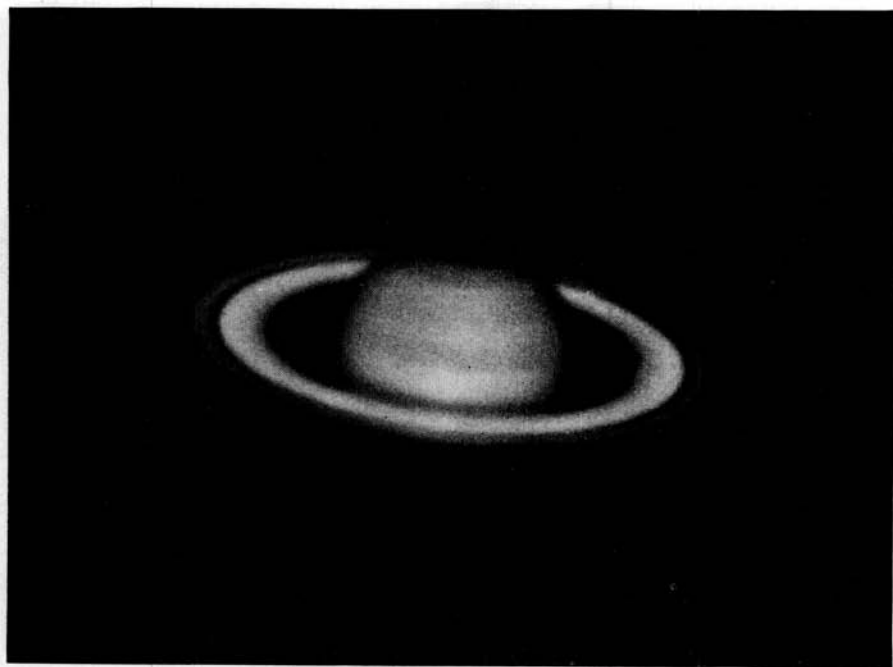


Fig. 2. Objects included in the film *Looking Through Great Telescopes*. **Top**—Saturn taken with 60-inch reflector at Mount Wilson. **Bottom**—The Dark Horse Head marking in Orion.

