

SEPTEMBER, 1975  
Number 3

# SKY-LINES

*phoenix astronomical society, inc.*

## 1975 FALL MEETING SCHEDULE \*\*\*\*\*

- Fri, Sept. 26      Film: "The Sons of Galileo" (Copper State Cavalcade). Mem-  
Phoenix            bers report on summer activities and progress on 24" Tele-  
College           Project.
- Sat, Oct. 4        Star Party - 15 miles north of Morristown on Castle Hot  
                     Springs Road. Jupiter, Vesta, Pallas and deep-sky objects.
- Sat, Oct. 25       Lowell Observatory - Tour and Observing. Host: Charles Capen.  
Flagstaff        3:30 p.m., Tour of Lake Mary Station telescopes. 7:30 p.m.,  
                     Lecture and observing with 20" refractor on Mars Hill.
- Sat, Nov. 1        Star Party - Location to be announced.
- Fri, Nov. 21       Donald A. Loomis, Custom Optics, Tucson, speaker. History  
Phoenix           of 24" Telescope and presentation of new Cassegrain optics.  
College
- Sat, Dec. 6        Star Party - Location to be announced.
- Fri, Dec. 19       Dr. Carleton Moore, Center for Meteorite Studies, Arizona  
Arizona State    State University, speaker. Lecture on meteoritics and tour  
University       of Meteorite Center. Observing with 10" Maksutov telescope.

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All Phoenix College meetings will begin at 8 p.m. in Room 102, New Science Bldg. (SE corner of campus, Thomas Road and 12th Avenue. Parking on West side of campus.) Please check SKY-LINES or meeting notice for additional information and any last-minute changes.

## COMET AND NOVA BRIGHTEN SUMMER SKIES

The concept of astronomy as timeless and unchanging was challenged this summer as two rapid-paced visitors appeared in our skies.

Comet Berger-Kobayashi-Milon, 1975h, has been watched by hundreds of eager observers since it was discovered July 2. As it streamed rapidly on its way to a Sept. 5th perihelion date with the Sun, it brightened to 4th magnitude, making it an easy naked-eye object, even in the glare of the city lights.

With binoculars it showed a well developed, if unspectacular tail, while in larger telescopes the diffuse head showed little structure.

About the time the comet was disappearing into the Sun's glare, a spectacular nova suddenly blazed into view. A previously invisible star in the constellation Cygnus flared some 19 magnitudes in brightness to rival the brightest stars in Cygnus.

First appearing sometime August 28th, during the next three days it brightened rapidly to the 2nd magnitude, then began a slow, continuing decline. It is now about the 6th magnitude, barely visible to the unaided eye, and fading.

The new star's position is reported as R.A. 21h09m52.85s and DEC. +47°56'41.3" (epoch 1950.0).

SEPTEMBER 26 MEETING FEATURES FILM,  
" SONS OF GALILEO "

P.A.S. members will gather at 8 p.m. Friday, Sept. 26 at Phoenix College for the first Astronomical Society meeting of the 1975-76 season.

"Sons of Galileo," a film from the Phelps-Dodge Corporation "Copper State Cavalcade" TV Series, will be shown. The film takes the viewer on a grand tour of astronomical observatories in Arizona, and shows the cultural and economic impact of the astronomical institutions in our state.

P.A.S. members will give reports on activities planned for this year as well as progress on the 24" Telescope Project. An informal discussion of observations made during the summer will follow.

## SKY - LINES

Monthly Newsletter of the PHOENIX ASTRONOMICAL SOCIETY, INC, Phoenix, Arizona. A non-profit, educational, scientific corporation. Mailing Address: 2736 West Rose Lane, Phoenix Arizona 85017.

Editor: Gene A. Lucas, 6043 West Golden Lane, Glendale, Arizona 85302. ( 934 - 1889 )

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1975 - 76 Officers  
President: Cliff Vaughan  
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Directors: William N. Anderson  
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Opinions and views expressed in SKY-LINES are strictly those of the writers and not necessarily that of the PHOENIX ASTRONOMICAL SOCIETY, INC. or its officers.

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\* 1975-76 MEMBERSHIP ENROLLMENT & DUES \*  
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For your 1975-76 membership and to continue receiving Sky and Telescope Magazine, please fill out the enclosed enrollment card and return it with your check to the treasurer as soon as possible. If dues are remitted early, we are better able to budget for our monthly programs, and return the club subscription list to Sky and Telescope.

Make checks payable to:

"PHOENIX ASTRONOMICAL SOCIETY"

and send with the PINK card to:

Chuck Nash, Treasurer  
2736 West Rose Lane  
Phoenix, Arizona 85017

Please note the increase in membership rates. Early this year our club was notified by Sky and Telescope Magazine of an increase in club subscription rates - the first increase in six years. P.A.S. members present at the annual business meeting in April unanimously approved increasing the membership dues to the following amounts:

SINGLE membership - \$12.00/yr. FAMILY membership - \$13.00/yr.  
SINGLE SUSTAINING - \$15.00/yr. FAMILY SUSTAINING - \$20.00/yr.

Sustaining memberships benefit your Society and help support additional club activities. All members receive a full year's subscription to Sky and Telescope Magazine (usually costs \$9.00) and monthly SKY-LINES Newsletter.

After November, only paid members will receive meeting notices - so don't delay and misplace your enrollment card.

Please send it now !

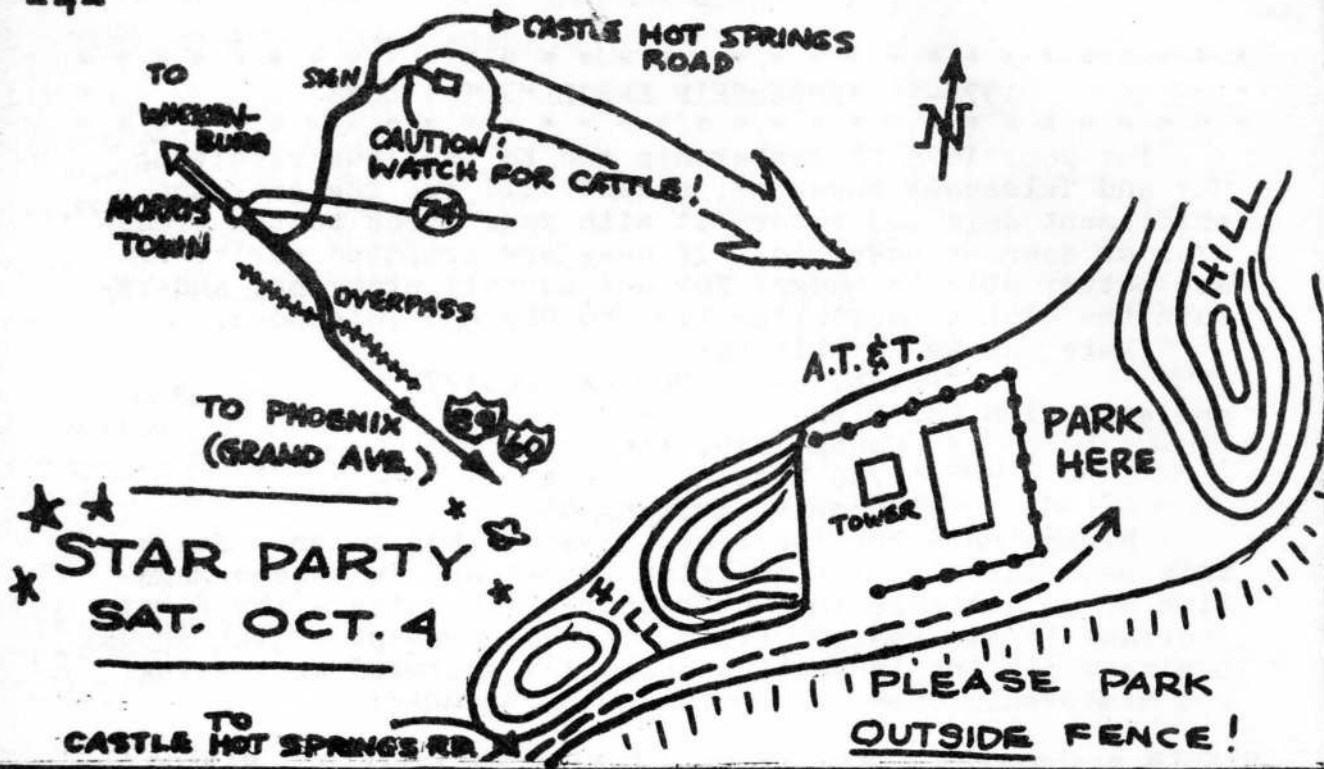


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**SKY-ADS**

P.A.S. members may list telescopes, optical equipment, books, charts, & other astronomical material FREE up to three lines per issue. Sorry, NO commercial listings accepted.

8" NEWTONIAN Reflector for sale, Coulter Optics mirror, no drive. \$325. Call DON PATTON, 935 -0755.

6" CAVE Newtonian Reflector, 8 eyepieces, Optical Craftsman mounting. Call CHUCK NASH, 242 - 1581, for details.



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