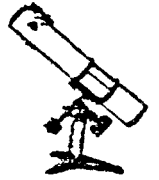
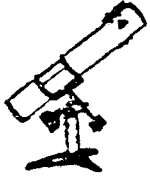


NOW IN OUR 36 th. YEAR

OCTOBER 1983

Phoenix Astronomical Society, Inc.

PHOENIX, ARIZONA



PRESIDENT	STANLEY GORODENSKI	944-6639
VICE-PRESIDENT	RAUL ESPINOZA	948-3617
SEC/TREASURER	CHUCK NASH	242-1581
EDITOR	BILL KRIST	254-4057
	1205 E. Hubbell St.	
	Phx. Az. 85006	

LIA

MEETING OCTOBER 28th

Our guest speaker for the October meeting will be Dr. David Crawford of the Kitt Peak National Observatory. Dr. Crawford will speak to us on characteristics of good observing sites, site testing, and considerations in choosing a site. The meeting starts at 8pm in room C-102 at Phoenix College.

FIELD TRIP OCTOBER 29th

We will have a joint field trip with the Prescott Astronomy Club to the U.S. Naval Observatory near Flagstaff on October 29th. We will meet at the Burger King on Route 89 at 4:30 pm and leave there in time to be at the observatory at 5:30. Dr. Fred Verba, whose area of research is extragalactic phenomena, will be our guide. We have been told that we will have 1 hour observing time on the 61inch and as much time as we want on the 40 inch telescope!

To get to the Burger King, take I-17 'til it ends, you're on Rt. 89 and it's about 1/2 mile North on Rt. 89. The Burger King will then be on the West side of the road. Any questions? Call Stan at 944-6639.

POT-LUCK AND STAR PARTY NOVEMBER 12 th.

The November meeting will be a star party and pot-luck at Raul Espinoza's house Saturday, November 12th., starting at 4:00 pm. (weather permitting). Raul will have many electrical outlets for our use and will also set up his slide projector so that members may compare their photos. The PAS will supply hotdogs, buns, and soda; it's up to you to bring whatever else you want, hot or cold. Raul's address is 6945 E. Gary, Scottsdale. To get there, take Scottsdale Rd. to Cholla (two traffic signals North of Shea) and turn West on Cholla. Then go to 70th. St. and turn left. Go 1 block to Gary and turn right. Raul's house is the 2nd. on the right.

FOR SALE: Quantum 6" Maksutov telescope, wedge, tripod, no eyepieces; Cave 6" Deluxe Newtonian, mount, drive, 3 eyepieces; Edmond Astroscan, with stand. Contact Ron Schmidli at 276-8343.

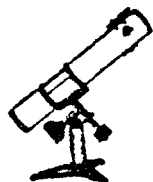
DECEMBER MEETING

Dr. Raymond E. White of Stewart Observatory in Tucson will give us a talk about "Ancient Astronomy at Machupicchu". Dr. White has been researching this subject in South America, and is the author of that interesting article on Bart Bok in October's S&T.

The time, date, and place of this meeting will be announced in the next newsletter because of unresolved problems in scheduling our usual room on our usual date.

DEADLINE for the December newsletter will have to be November 18th. because of the uncertainty over the date of December's meeting. Want ads, observations, or anything of an astronomical interest are very welcome! Please include your phone number in case there are any questions. Thanks!

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SEPTEMBER'S MEETING

Stan Gorodenski opened September's meeting with a brief explanation of why the board of directors had to increase the dues for the 83/84 season: For the first time in our Society's 36 year history we had to purchase liability insurance before Phoenix College would let us have a room for our meetings and S&T raised their club rate \$3.00 per year. As it is, our dues increase of \$4.00 per year does not cover these additional outlays, so if any of you were thinking of paying for a sustaining membership; please do.

Stan also announced that our February speaker will be Dr. Ann Hawly. Dr. Hawly will speak to us on newly discovered Black Holes.

Our guest speaker was Rick Hill of the ALPO's Solar Section, and resident observer at Warner and Swasey Observatory's Kitt Peak Station. After first advising us to sit up front at Dr. Crawford's talk because of Dr. Crawford's humorous asides and anecdotes, Rick began his talk on Solar observing for the amateur astronomer.

Rick told us of the lack of daily photographs of the Sun's whole surface by any of the observatories, and how it is the goal of the ALPO to get at least one white light, whole-disc photo per day. He uses only a 2.4 inch refractor because air turbulence during the day limits resolution of detail to greater than 1 arc second! Rick uses a solar filter made by Ralph Childs, shoots 2415 Solar film, and develops it in Technidol. The Solar section of the ALPO would like all photos to be on 8X10 paper, have a Solar disc size of 13 cm, and that the optical elements of your system be kept at a minimum. Rick talked about much more than this, but it was dark, and was nearly impossible to take notes. After the meeting, many of us talked with Rick about his work.

AT SCHOOL

Every year, Albright Church has a program they call "At School". This year, Bob Pribenow has been teaching a class on beginning astronomy. The class is held from 6:30 to 8:00 on Sunday evenings at the Church, located at 24th. St. and Campbell. Bob says that the hardest thing is to reduce his information and material to a level that everyone can understand, regardless of their background. Keeping it simple, Bob explains to his class such things as: light pollution, Stellar magnitude and temperatures, planets and their satellites and composition. Bob's class is made up primarily of senior citizens and he stresses the role of amateur astronomers in modern astronomy. Bob's efforts certainly seem to be a fine way to promote the goals of the PAS; the promotion of public interest in astronomy and the dissemination of astronomical information.

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