

SEPTEMBER, 1976
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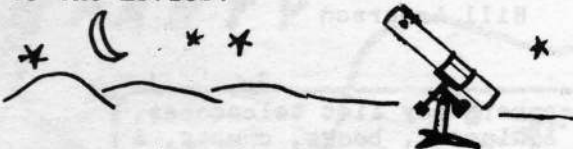
SKY-LINES

phoenix astronomical society, inc.

FLASH ! CRASH ! SPLASH !
(THE AUGUST STAR PARTY)
..... By R C L

The PAS August star party began with a spectacular sunset over Lone Mountain north of Carefree. Soon after, 13 die hard star gazers began arriving to witness a super display of lightning over Phoenix. Except for all the bugs zooming around, it was a nice evening for talking about astronomy!

Eventually 13 stars were caught peeking thru the clouds ... as for the Moon, it appeared briefly before sneaking over the horizon. At 9 p.m. we were suddenly clobbered by a rain storm and this reporter splashed home to the movies!



BUSINESS MEETING FRIDAY, SEPT. 24
AT PHOENIX COLLEGE
.....

The first PAS meeting of the 1976-77 season will be held Friday, September 24th in Room 102 (Science Lecture Hall), Bldg. C, at Phoenix College (corner West Thomas Road and 11th Avenue). The meeting will begin promptly at 8 p.m.

A number of important issues will be discussed at this meeting - a proposed set of Bylaws (included in this issue) will be voted upon, and a thorough discussion of the plans and prospects for completion of the club's 24" reflector and observatory will be held.

Members are urged to read the Bylaws before the meeting and send their comments or suggestions to Bill Anderson (943-2697) or Ken Sikes (942-1136).

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1976 - 77 MEMBERSHIP DUES

Please return the enclosed membership enrollment card with your check as soon as possible to help us in planning our slate of programs for the coming year. The sooner the dues are in, the sooner the subscription list can be sent to Sky & Telescope to avoid any possible delay in receiving your first issue. Membership rates are listed on the cards. Please send the card with your check to:

Chuck Nash, Sec.-Treas.
Phoenix Astronomical Society
2736 West Rose Lane
Phoenix, Ariz. 85017

P. S. In case you misplace the newsletter, the address is stamped on the back of each card. Please make checks payable to: Phoenix Astronomical Society.

After a summer of a bunch of rained out star parties, we are now looking towards a year of renewed activities for all. Although the star parties did not fare so well, advances have been made in other areas. Cliff Vaughan has been involved with the site location committee as chairman and has examined several sites that might prove possibilities for the 24. Gene Lucas has been working with the plans for the modification of the scope's framing and has made some progress towards the time that we will take the torch to the tubing. Ken Sikes has done a Herculean job with organizing things while I was in the north country.

One of the things that Ken did was to evaluate the results of the questionnaire sent out at the beginning of the summer. Based on the replies, we feel that we now have some direction as to what the club wishes for the 24, speakers, and other things.

The results of the questionnaire and reports from the committees active this summer will be given at the September meeting, so if you wish to find out what has been going on, please attend.

Also at the September meeting we will try to inaugurate a couple of new things. Florence Bosse, the new chairwoman of the Current Events committee, will play the part of a newscaster and mention some of the latest events of which some might not be aware. Hopefully this will be a regular feature. We are also attempting to set up a Consumer's Guide time during which new items can be shown to the club. If you have a new widget such as a book, new guiding system, camera, or whatever that might be of interest to the members, please contact Ken Sikes (942-1136) and let him know what you have to show.

The one thing we lack is a full compliment of committee members. The diligent efforts of a few will get the ideas off the ground, but your help is needed to keep the idea aloft. So, please don't hesitate to join in the activities.

Here's to an interesting and successful year.

Bill Anderson



* * * 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.

12 INCH TELESCOPE KIT - 12" Pyrex blank, plate glass tool and abrasives, a 1/20 wave diagonal mirror and a 72" length of Sonotube, all for \$90. Contact PAUL MAXSON at Glendale Community College Science Dept.

6 INCH EDMUND REFLECTOR with heavy duty mounting (for 8"). Perfect condition - used only three times. With many accessories - \$200. For sale by Mrs. Katherine Mangum - contact CHUCK NASH for details at 242 - 1581.

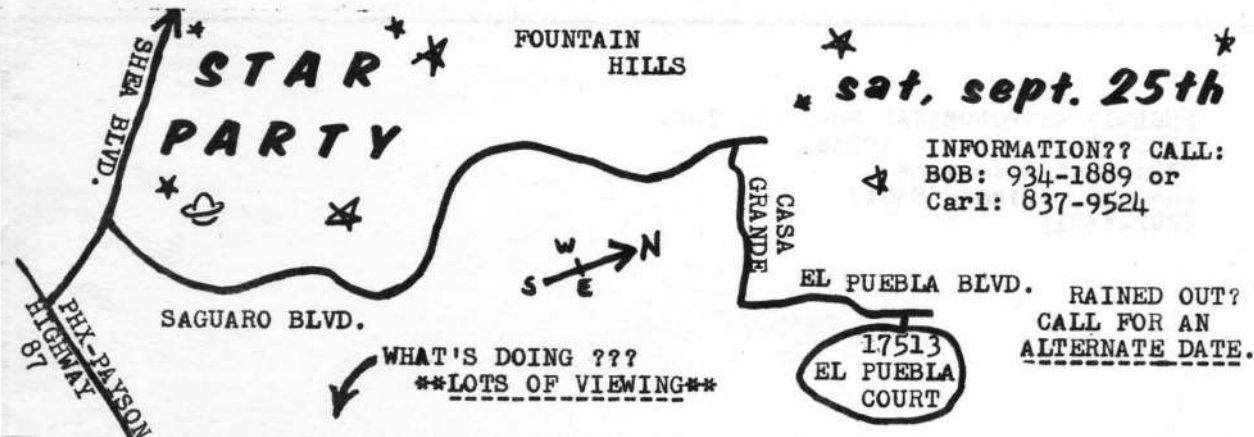
ASSORTED ASTRONOMY BOOKS for sale - many new titles. Call DWIGHT BOGAN at 935-7411 ext. 7423 or see at the September meeting.

DEEP SKY OBJECTS "From My Little Black Book"

Part 2 - Objects for September By Helen Lines

Object	Position	Notes
NGC 7009	21h01m -11°34'	Saturn Nebula - Aquarius. If you have never seen this object, do so now. This bright planetary looks like Saturn and in our 16" reflector we have seen the <u>ansae</u> on each side (we call them "wing tanks").
NGC 7293	22h27m -21°06'	"The Thing" - Aquarius. I gave this name to it after spending a week looking for the 'stupid thing'! It was listed as being of magnitude 6.5; later I found the diameter - 900 x 720 seconds, which means its light is spread over an area half the size of the moon! Use your lowest power eyepiece and see what you think!
NGC 7331	22h35m +34°10'	Galaxy - Pegasus. My 8 inch reflector showed this 9.7 magnitude galaxy very nicely with a bright center. See if you can observe the dark lanes in it.

I hope you'll take these objects that I'll give each month and enter them in your own notebook. As you observe them, make your own notes (you'll really see more this way) and you'll always have a handy reference.
.....Helen



Come on out 'N check out those "Heavenly Bodies" at the Nuckolls' !
PRESENTING --- LIVE AND IN COLOR --- D E E P S P A C E ---

Featuring an ALL "STAR" CAST ... maybe even some planets !

ADDED ATTRACTIONS: LASER SHOW * SLIDES * HOME MOVIES * FUNN!
EXTRA-GALACTIC CONVERSATION * MUNCHIES *
AND (last but not least) INDOOR FACILITIES!!

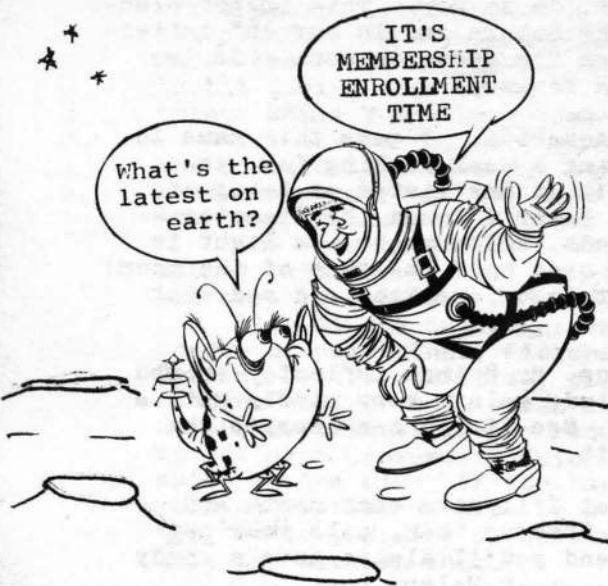
W H E N ?? SATURDAY, SEPTEMBER 25TH, DUSK UNTIL ???
W H E R E ?? Home of CARL & PAT NUCKOLLS (see map)
W H A T ?? BRING: YOUR 'Scopes, Slides, 'N Stuff, 'N Y-O-U.
SO ... COME ON OVER AND, KEEP ON VIEWIN' !

CLUB OBSERVATORY SITE SEARCH

During the summer several suggested sites were visited and preliminary evaluations made by the Site Selection Committee. The site locations are being reviewed in accordance with the results of the questionnaire mailed last spring.

There are three classes of restrictions to be considered in selecting a site for the observatory: the Astronomical considerations (seeing quality, horizon, light interference) have often been discussed; of more difficulty are Civil (road access, land ownership, security protection) and Social (overnight camping and sanitary facilities) aspects.

A review of some of the suggested sites and details of the site requirements will be presented at the September meeting. Members should bring their ideas and information on possible sites to the meeting or contact Cliff Vaughan (838-7107)



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FIRST CLASS MAIL