



! MEMBERS - NIGHT ! ! !

DECEMBER MEETING

Here's hoping that this month's Sky Lines will find you confident that Santa will bring you a new telescope, eyepieces, along with time and extra money to enjoy them.

The December 17th meeting will be the traditional yearly member's night and will be held at Phoenix College, room C-102, in the new tall building on the corner of Thomas and 11th Ave. Several people have yielded to pressure and have agreed to give a short talk on what new things they are doing. Still, there is plenty of time for more to join in the reporting session. If any of you have a project you would like to share with the rest of the group, please contact either Ken Sikes or myself.

At long last some of the speakers contacted this fall are beginning to give definite dates they would be willing to speak. In January, Dr. Ed Wallace, who was a consultant on the space shuttle, will give a talk on the shuttle and some of the less publicized and more frightening aspects of the flights. Dr. Art Hoag will give a talk on May 20th on Quasars. Dr. Jack McCauley, whom many will remember gave several talks to the club in the past, will talk on Viking Update likely about March. Hopefully Mr. Capen of Flagstaff will talk on deep space and the darkroom. All in all, it looks like an interesting spring. Even the spring business meeting will be a little more than standard club business if current ideas begin to jell.

In any event, have a cool Yule and may your new year be filled with good viewing and bright comets. *Bill Anderson*

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—EDITOR'S CORNER—

From Paul Mundersbach I've learned we have a new service in the valley. M A G N A Labs of 2601 N. 32 St. has overnight Ektachrome processing available. In by 5:30, out by 8:00 AM. Its on a single roll basis and Kodak machine processed for guaranteed repeatability.

The Kodak process used is E-3, for all the present Ekta.-64 and Ekta.-160. The new E-6 process is also available for the "Professional Series" Ekta.-50, 64, 160 and the new Ektachrome 200. This new film will soon be available with standard "PUSH" speeds over 500.

Processing costs are:

Ektachrome	Sleeved	Mounted
135 - 20	\$2.50	\$2.75
135 - 36	\$4.00	\$4.50
120	\$3.00	\$3.50

M A G N A Labs. 2601 N. 32 St. - Phoenix, Ph. 955 - 0700

* Let me know how you like it ! ! !

Mr. Max Bray of AD ASTRA telescopes has made an interesting offer to P.A.S. members. He will sell us an AD ASTRA III at DEALER COST. Also , if several members want instruments, each can buy at the total quantity price. This quantity count will last until Jan. 31. At that time any rebates will be computed.

John Adair, at 971 - 2614, will keep a list of potential purchasers. If you've wanted one of these little beauties (for under \$200) now is the time to get your name on the list.

Quantity	Price
1 - 3	\$ 269.95
4 - 6	\$ 249.95
7 - 12	\$ 229.95
13 - Up	\$ 199.95

Cliff

* Star Party - see Back Cover *

"From My Little Black Book"

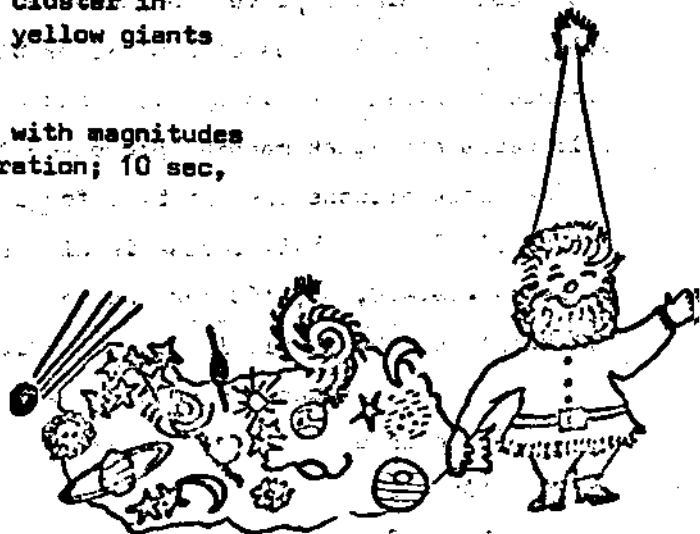
M G C 752 $1^h 54.7^m +37^\circ 25'$

This very pretty galactic cluster in Andromeda has quite a few yellow giants in it.

γ Andromeda $2^h 1^m +42^\circ 06'$

A blue - gold double star with magnitudes of 2.3 and 5.1 - - - Separation; 10 sec, Easy in a small scope -

*Many Xmas
to all
Glee*



PLANETARIUM PREVIEW - STEWARD OBSERVATORY PUBLIC NIGHT

.....Gene Lucas.....

Monday, December 6th, Bob Latterman and this writer attended the public night program hosted by the University of Arizona astronomy department. Mr. O.R. Norton, Director of the Flandreau Planetarium, presented a talk and demonstration in the planetarium on the U. of Arizona campus.

Mr. Norton's talk on some of the behind-the-scenes operations of the planetarium included portions of the current planetarium show, "The Star of Bethlehem," and the upcoming "Arizona Spectacular."

Personnel from Laser Images, Inc., presented selections from their Laserium production which will run concurrently with the planetarium shows beginning December 8th.

The Laserium employs four-color Krypton gas laser and scanning optical systems to produce beautiful moving light patterns set to music and projected on the planetarium dome.

Show times, admission prices and information on the current Planetarium and Laserium shows may be obtained by calling the Flandreau Planetarium program information number, 884-4555 in Tucson.

The Steward Observatory will host additional Public Night programs at the University of Arizona twice monthly on Mondays near the first and third quarter Moon. The programs include a speaker and observing with various telescopes, and are free and open to the public.



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.

* CHRISTMAS GIFT IDEAS * Almost new Edmunds 4 1/4" by Anchor Optical. With light-weight tripod, barlow, 2 eye-pieces..\$110. Max Bray 258-3009

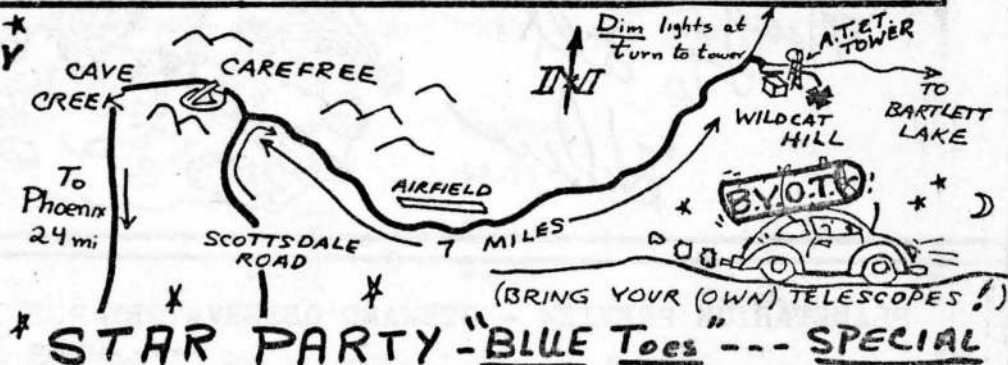
12 in. RFT - 54" FL, 3 EYEPIECES, Alt-Az Mount...Dick Reynolds 949 - 1930

* STAR PARTY

Dress: WARM:

—Dusk till—

For Information:
Call Bob Letterman
(934-1889)



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