

APRIL 1985

PHOENIX ASTRONOMICAL SOCIETY, INC.

Phoenix, Arizona

PRESIDENT	RAUL ESPINOZA	948-3617
VICE-PRESIDENT	BILL KRIST	254-4057
SEC/TREASURER	HAROLD MOORIN	933-8896
DIRECTOR	VERNON WEAKLAND	877-3166
DIRECTOR	LOUIS BOYD	275-8258
DIRECTOR	TREVOR TUFFIN	948-3126
EDITOR	JERRY MAURER	996-4478

3321 E. Yucca St.
Phoenix, Arizona 85028

THE APRIL MEETING of the Phoenix Astronomical Society will be held on Friday, April 26, at Phoenix College, room C-102, at 8:00 p.m. (see map).

Dr. A. Kyrala will be returning as our guest speaker for April. Dr. Kyrala will be speaking on "PLANETARY ASTROPHYSICS----THEORY OF ORIGIN".

THE 1985 TUCSON NATIONAL CONVENTION June 17-22. Kitt Peak tour, M-M-T tour, displays and contests are only some of the events planned during this fun-filled five day event. What a great way to spend your summer vacation. Details and registration forms will be available at the meeting.

THE 97th ANNUAL MEETING of the Astronomical Society of the Pacific will be held on the campus of Northern Arizona University on June 22-28. Nontechnical lectures on comets and asteroids, workshops, Meteor Crater tour including a descent to the crater floor with an expert on its geology, Lowell & U.S. Naval Observatory tours, solstice light demonstration, (hopefully), at the Grand Canyon are among the events planned. Information and registration forms will be available at the meeting.

DEAR MEMBERS: At our last meeting, Mr. A.J. Chason kept up our tradition of excellent astronomical lectures. In his talk on "STAR CLUSTERS, HOW FAR & HOW OLD", he demonstrated how the astronomer plays the role of detective. Basically, he performs various forms of observations, assembles the data, and ends up with much information on the object observed.

He showed many slides of major star clusters detailing the evolution of stars from the main sequence of the Hertzsprung-Russell (color-magnitude) diagram to the giant branch, where it turns off. Also used are photo-electric measurements, color index, spectrum, cepheid variables, the

APRIL 1985

red and blue shifts and, of course, optical and radio observations.

Our first 100 copies of "MR. HALLEY'S COMET" are sold out. Raul asked me to order another 100 copies. Please let me know how many you want so I can reserve your copies. The Price is \$1.00, our cost.

Due to the dedication of Raul Espinoza and his staff, our financial condition continues to strengthen.

See you at the April meeting.

Harold Moorin

MEET BILL KRIST: Bill was born in Phoenix Arizona, 1949. He became interested in astronomy as a child. He got his first telescope at the age of 10, a 4 inch reflector. Bill joined the Phoenix Observatory Association (POA) in 1960, and headed the Moon-watch team in 1962-63. Moon-watch was started during the International Geo-Physical Year, 1959. It was visual tracking of artificial satellites. Bill ground and polished his first (and last) mirror in 1965. It was an 8 inch f6. He left Arizona in 1966 and when he returned in 1975, the POA had become the Phoenix Astronomical Society. Bill was a director of PAS in 1981-83 and editor of the newsletter in 1983-84. He is currently Vice-President of PAS. Bill now has an 8 inch f5 Newtonian telescope. His other hobbies include shooting & reloading, camping, photography (he has his own dark room), and history.

Next month's meeting of the Phoenix Astronomical Society will be Friday, May 17. This meeting has been set forward a week so that members may attend the RIVERSIDE TELESCOPE MAKERS CONFERENCE without missing the PAS meeting.

ASTRONOMY DAY: Please Plan to be at one of the two Astronomy Day stations. We need you and your telescope to help bring astronomy to the general public. Remember your first look through a telescope? It is just as rewarding to show someone else their first view through a telescope. So, Please be there - we need you!

The two sights for Astronomy Day will be Papago Park, on the east side of town, and Saguaro Ranch Park, on the west side. At Papago Park we will be in the zoo parking lot as we were last year (off Galvin Parkway, between Van Buren & McDowell). We will have a roped area in the north-east corner of the parking lot. There will be no power available at this sight, so bring your own. Saguaro Ranch Park is located just north of Glendale Community College campus on the corner of 59th Avenue and Mountain View. Turn west on Mountain View and go all the way to the back parking lot.
