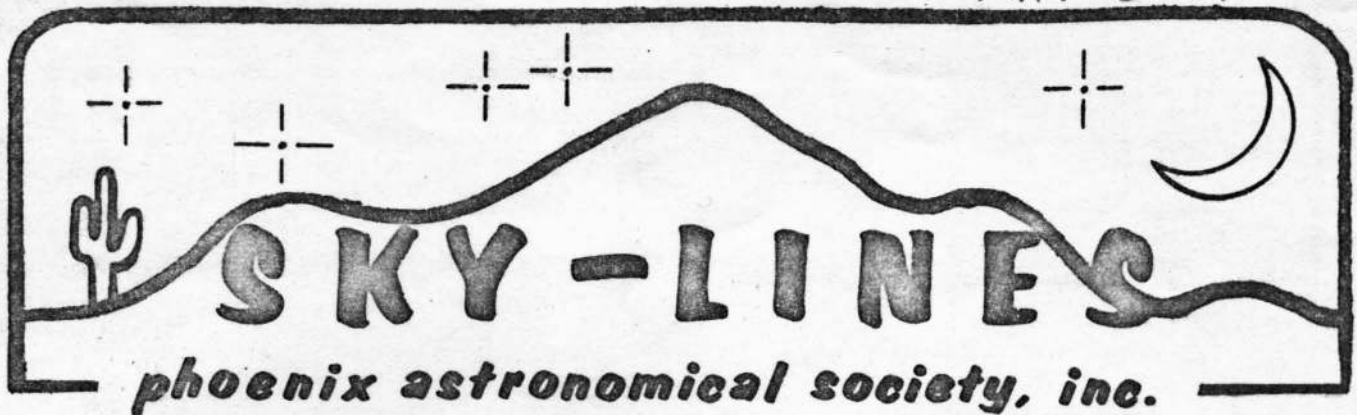


MAY 1977



It seems hard to believe that another year has almost come to a close. With the close of each year it appears the best talk of the year is scheduled. Cliff Vaughan had a fantastic talk about the Viking lander. This year we are going to the other end of the universe to take a look at quasars. Dr. Art Hoag will present a talk on "Finding Faint QSO's".

Dr. Hoag, soon to be recently of the stellar division of Kitt Peak National Observatory, apparently is closing the circle back to the solar system as he is soon to be the new director of Lowell Observatory, founded by a man with an obsession of finding life on Mars. I believe all of us can feel a justifiable anticipation for what will I'm sure be a great talk about the objects seemingly at the edge of the universe.

Also, since it is soon the end of the tenure of the slate of officers and directors of the association for this year, I would like to again thank all of those who have helped in the activities this year. Ken Sikes has proved to be a tireless worker and a great help. Bob Hurley and Jim Conley also deserve thanks for their aid. Richard Lines will become the new V.P. Chuck Nash will be the continuing watchdog on minutes and money. Ted Paoloni and Bob Shappley will become two of the three new directors.

The third new director is no newcomer to the club's scene. Cliff Vaughan, in addition to being our Sky Lines editor for next year again, will be a most capable director. Hopefully, next year will be of interest and enjoyment to all.

See you at the May 20th- 8:00PM meeting- C102 Phoenix College campus meeting.

Bill Anderson

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EDITOR : Cliff Vaughan 838-7107, Assoc.Editor : Florence Bossee

* whats happening :

N A S A has a new series of space projects called " Purple Pigeons ". These range from the "solar sail" Halley's Comet rendezvous in 1986, discussed in an earlier issue, to a mini-tour of the inner moons of Jupiter which would finally land on Ganymede. Another involves orbiting Saturn and landing on the "Earth-like" moon Titan with a Viking-like life search. The most adventurous photo-search is a 500-day mission to explore a half dozen asteroids that orbit between Mars and Jupiter..... C.V.

* RIVERSIDE ATM'S CONFERENCE May 21-22

Big Bear Lake, Calif. You can still go !!!!
Plan on camping out with several other members at Camp Oakes in the San Bernardino Nat'l Forest at an elevation of 7300 feet. You'll really enjoy looking at all the telescopes and meeting other fellow telescope nuts! There'll be some interesting talks, telescope-judging contest, and good seeing all night long! For details, call GENE LUCAS...
...Phone 934-1889 for trip plans. G.L.

* FOURTH NATIONAL AMATEUR ASTRONOMERS CONVENTION ,

The fourth N A A will be held on Aug. 10-13 at the University of Colorado in Boulder. It will bring together four organizations: The Astronomical League, The Association of Lunar and Planetary Observers, The International Occultation Timing Association, and The Western Amateur Astronomers.

Convention activities include visits to the National Center for Atmospheric Research, the Time and Frequency Division of the National Bureau of Standards, the Solar Flare Patrol at the National Oceanic & Atmospheric Administration, as well as Planetarium shows, observing with a 24 Inch at the Sommers-Bausch high altitude observatory.

Best photo contests, paper presentations, and other activities to numerous to mention are planned.....
.....Call GENE LUCAS (934-1889) for details, car pools etc...

" FROM MY LITTLE BLACK BOOK "

by Helen Lines

NGC2683 $8^h 49.6^m$, $+ 33^\circ 38'$

Magnitude 9.6
Diameter $10' \times 1'$

My galaxy catalogue says the bulge of this long skinny galaxy in LYNX is "peanut shaped". Is it?

The route to this object is 5 degrees WEST and $3/4^\circ$ SOUTH of Alpha Lynx.

NGC2841 $9^h 18.6^m$, $+ 51^\circ 12'$

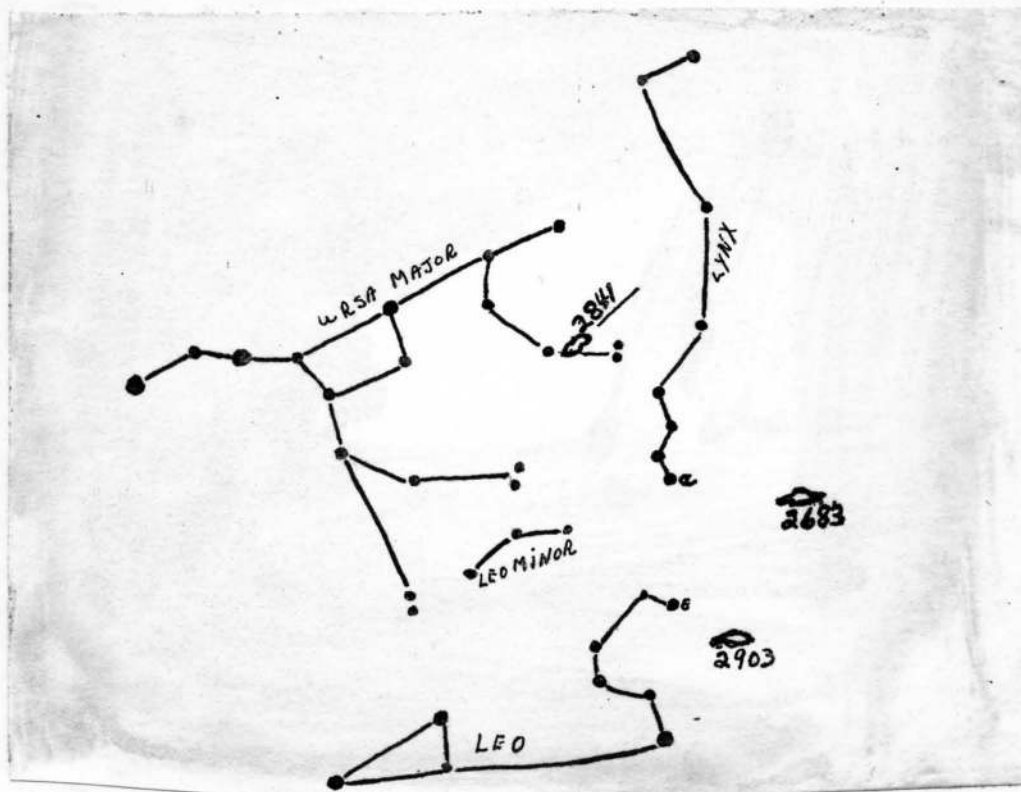
Magnitude 9.3
Diameter $6' \times 1.6'$

Ursa Major -- In 1957 a Supernova sprung up in this galaxy. ALL of you photography nuts might like to get a picture of this every chance you get, and just maybe you'll catch a nova yourself!!!

NGC2903 $9^h 29^m$, $+ 21^\circ 44'$

Magnitude 9.1
Diameter $11' \times 5'$

This is the largest galaxy in LEO, and a beauty ! --Look closely at the Nucleus, it's very interesting . Go $2 \frac{1}{3}$ degrees SOUTH and 3 degrees WEST of the end star in the sickle--



"THE CASE OF THE MISSING SUNSPOTS" in the MAY, SCIENTIFIC AMERICAN discusses an interesting idea, that this may be a period of unusually high Solar activity which might be on the decline ! ! ! Get yourself a copy, it's good reading.



* * * 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.

Results of the election of officers for the 1977-1978 business year are :

BILL ANDERSON (re-elected) PRESIDENT

DICK LINES.....VICE-PRESIDENT

CHUCK NASH... (re-elected) SEC/TRES

BOARD OF DIRECTORS : 1977-1978 BUSINESS YEAR

TED PAOLONI , BOB SHAPPLEY

.....SERVE THRU 1978-1979 BUSINESS YEAR.....

KEITH PARIEZK , CLIFF VAUGHAN

* * * * R E M E M B E R T H E M A Y 2 1 , M E E T I N G * * * * *

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