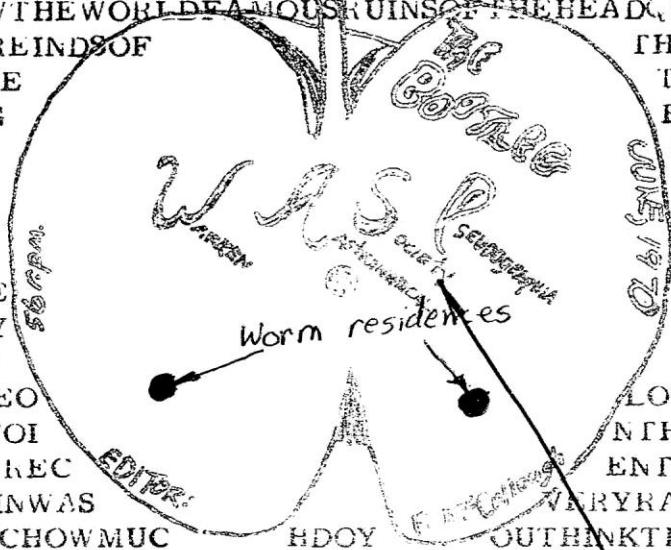


THIS IS A COLLECTION OF NOTES AND LETTERS TAKEN FROM THE EDITOR'S WASTE BASKET WHILE HE WAS OBSERVING AT BALD MOUNTAIN IF THIS PAPER IN ANY WAY SPARKS YOUR CREATIVE GENIUS OR BRIGHTENS AND BRINGS SUNSHINE INTO YOUR DAY I ASSURE YOU IT WAS COMPLETELY BY ACCIDENT DUE TO UNPOPULAR DEMAND MOST OF THE PRECEDING WAS CENSORED HOWEVER THE REST OF THE PAPER IS IN ITS ENTIRETY NOTHING HAS BEEN CUT OUT NO PART OF THIS PAPER MAY BE USED OR REPRODUCE IN ANY MANNER WHATSOEVER WITHOUT WRITTEN PERMISSION EXCEPT IN THE CASE OF BRIEF QUOTATIONS EMBODIED IN CRITICAL ARTICLES OR REVIEWS THE CHARACTERS AND SITUATIONS REFERRED TO IN THIS PUBLICATION MAY NOT BE ENTIRELY FICTIONAL AND ANY SUCH RESEMBLANCES ARE NOT NECESSARILY COINCIDENTAL ALSO SUE US THINGS ARE REALLY BEGINNING TO ROLL ON THE REGIONAL LEVEL OF COMMUNICATIONS IF YOU HAVE ANSWERED THESE QUESTIONS ALL OF THEM CORRECTLY SEND THEM WITH A SELF-ADDRESSED STAMPED ENVELOPE TO KEELYS BAR AND BILLY RED PARLOR DETROIT MICHIGAN WINNERS WILL RECEIVE AN NO EXPENSE PAID TRIP TO THE PINE TREE OBSERVATORY LOCATED NEAR FAIRVIEW MICHIGAN FREE FOOD AND LODGING A WAIT YOU AT THE OBSERVATORY SITE 2) ONE POUND OF SPECULUM METAL SHAVINGS FROM DAVE THER'S NEW REFLECTOR 3) ONE BI UETINTED CONTACT LENS IF FOUND LAST WEEK 4) ALL BACK ISSUES OF THE WASP TO 1942 AND 5) THREE FREE PASSES TO VIEW THE WORLD FAMOUS RUINS OF THE HEADQUARTERS OF THE SUSQUEHANNA VALLEY FRIENDS OF THE UNIVERSE AND GIVE THIS ISSUE WAS PUT TOGETH BECAUSE A) THE EDITOR WAS C ST ANNUAL COME SPONSORED BY THE FRIENDS OF THE ION WITH PLAYBOY OR HAS BEEN DEAD CRONE) ANARCHAEO AMUSEUM AGOLSCOI EUN LAR THE DONAREC DOUBT THAT THE COIN WAS IT WAS DATED 325 BC HOW MUCH AT IS THE NAME OF THE ACE JOURNALIST THAT WRITES THE SCANDALSHEET? ONLY ONE PRESIDENTIAL ELECTION HAS BEEN HELD DURING A YEAR THAT IS A PERFECT SQUARE SUBTRACTING IT SQUARE ROOT FROM THE MOST RECENT YEAR THAT APPEARS THE SAME UPSIDE DOWN AS RIGHT SIDE UP GIVE THE YEAR IN WHICH MR MOUSSEY WAS BORN IF HIS BIRTHDAY IS JULY 4 HOW OLD IS HE? MARK TRUE OR FALSE KUMBACK HERE WE EARL A MOST A THTE END OF 1968 GO LYL JACK GONE TO HOTEL FOR PRINTS IN MAIL TO DAY A I READY MOUNTED ONE OF FOUR AMBOLDING OFF NO OTHERS PENDING YOUR APPROVAL GARY THE PAST 12 YEARS HAVE SEEN A LOT OF CHANGES REMEMBER THE 19 PROACH OF MARS AND HOW THE LOFFER ARTICLE GOT YOU SO EXCITED THAT YOU ASKED AD TOGET YOU A \$900 TELESCOPE SO YOU COULD LOOK FOR CANALS? REMEMBER WHEN YOU COULD LOOK UP IN THE SKY AND SEE IT? REMEMBER WHEN YOU COULD BUY A NINE INCH SCOPE FOR \$250 COMPLETE? REMEMBER WHEN MAGAZINES FOR AMATEUR ASTRONOMERS REALLY WERE? [NOW COME ON ALL YOU BIG STRONG MEN UNCLE SAM NEEDS YOUR HELP AGAIN HE'S GOT HIMSELF IN A TERRIBLE JAM WAY DOWN YONDER IN VIETNAM SO PUT DOWN YOUR BOOKS AND PICK UP A GUN WE'RE GONNA HAVE SOME] THE MOON NOW SLIGHTLY YELLOW IN DECAY MOVED COMPLETELY BEHIND A PONE.



THE STARS SINCE THE FINE THE THREE EXAMPLES THIS EITHER HAPHAZARDLY DITOR WAS STONED BY IT OMPE IN THE FOR THUNTING MARATHON ESUS. UEHANNA VALL STARS SINCE IN ASSOCIATION MAGAZINE C) THE EDIT FORTWOMONTHS (CHE LOGIST OFFERED TO SELI N THAT HE CLAIMED TO HAV EN EXPEDITION HE POINTE VERY RARE AND VERY OLD SINCE OUT THINK THE COIN WAS WORTH? WH

OR MAD'S Astronomical Monthly.

Rotten to the Core!

# Summer Schedule.

1st Wednesday

2ND

3RD

3RD THURS

June - MESSIER CLUB

ASTRO-PRESENTATIONS

SOLAR-GROUP

OPTICS

JULY - MESSIER CLUB

ASTRO-PRESENTATIONS

SOLAR GROUP

OPTICS

AUGUST - MESSIER CLUB

ASTRO-PRESENTATIONS

SOLAR GROUP

OPTICS

Frank McDermott  
772-2011

Mr. Larry Kalinowski  
776-9710

Mr. Dave Ther  
777-1857

Mr. Gene Francis  
751-2836

Mr. James Moulton  
772-5635

Mr. Gerald Alyei  
SL4-2134

Keep In Touch For  
Camp Outs

(Call one of us!)

## OBSERVATIONAL ASTRONOMY

By

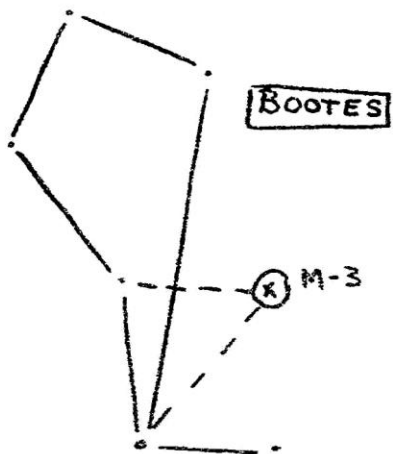
Frank McCullough

On a couple of occasions I have viewed M-3. For the first time from my own yard in Warren I have found it myself. It is very easy to see this globular cluster in Bootes. Binoculars pick it up easy in our Warren skies. Through my six inch, at 75x, it appeared very large, three-fourths the size of M-13 in Hercules. It is only difficult in one way, and that is it has no easy guide stars near it to find it. Its magnitude ranges around 6<sup>th</sup>. At 150x the stars broke up pretty loosely.

The morning of May 26<sup>th</sup> I went up to Wolcott Road off 29 mile Road and set up in a field. I was 3:00 and I had enough time for about one object. I used the Norton's Atlas to find M-56, a small globular in the Lyra region. It is located in an area with good guide stars, which are all easily found in a 10x finder. The only thing you need is a good dark sky which I had and a fairly good telescope. It looked like a very loose globular though I may be wrong and appeared to the eye almost as if it were a planetary.

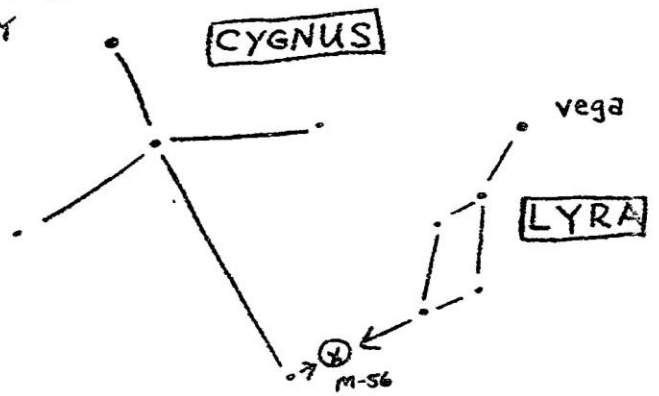
*(DRAWINGS ON NEXT PAGE)*

OBSERVATIONAL  
ASTRONOMY



BOOTES

M-3



CYGNUS

LYRA

vega

M-56

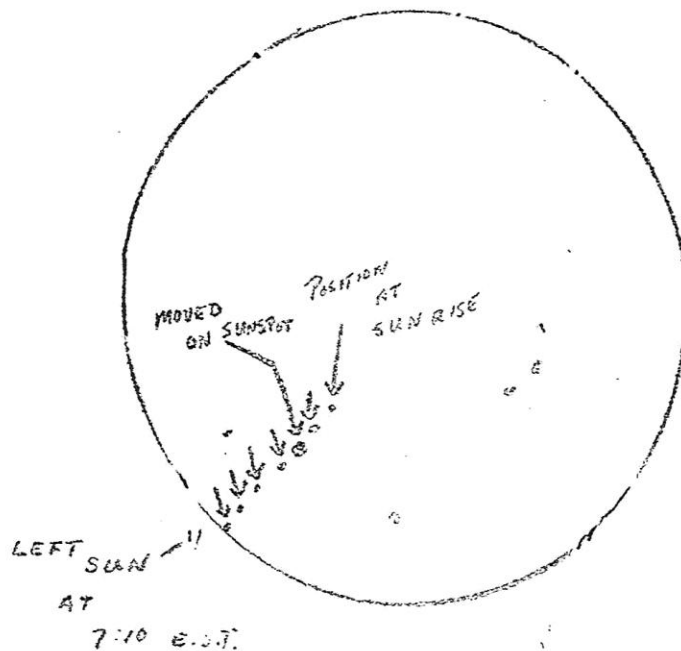
M-3

6" REFLECTOR  
75x

M-56

6" REFLECTOR  
75x

May 9th



USED

2" REFRACTOR

AT

30X

SUN PROJECTION

Mercury Transit

By  
Diane  
Barqiel

She started at Cousino. About a 100 strong. There was Mr. Trott then, a well versed man of the heavens. There was that familiar scene of the barrels around the machinery and the polishing room upstairs down the balcony with the handrailing. Ah yes, the refreshments, something we all looked forward to. Ah, how it sometimes was hot and dusty. And then one remembered the fence around the back with the dark, quiet park in the back. The melancholy was overwhelming. But the melancholy seemed joyous, as to that environment of an astronomer. One remembers also the classroom, where you starred up front, watching Mrs. Albee or Mrs. Burns giving a demonstration of the parallax, while the mosquitoes lit you. Ah yes, under your elbow was the book called "Beyond The Earth." You could easily remember filling in the book to your joy.

You were young then, and the halls were an adventure to explore. You remember that mirror. You remember it setting on (2) the water sprinkler, desperately attempting to clear and fill your bucket as the drip water entered the bucket ever so slowly. Ah, the patience in circling the barrel. How you would stare at anything to blow time while you grounded away. But it was still fun. During all this time membership kept fairly level. Then the news. The W.A.S. was moving to Lincoln, that strange unknown high school. You feared. You didn't want to leave Cousins. You didn't want to leave those car displays. You didn't want to leave looking into the dark at the intersection of 13 and Campbell, as you studied astronomy yet you went. Ah, Lincoln. Long halls and a mysterious place to explore. The boiler room. Hot, dark, and lonely. The Geometry room. Quiet corners, meditation, and



oh Lincoln. So strange. You disliked -3-  
going about the barrel. You hated the smell  
of pitch. You liked the dark corners. You liked  
that fan belt going around that motor. Or  
the mysterious red light on the door which  
was closed and led into "cave" darkness. Or  
the narrow channels. You liked when the man  
showed a film "The Universe," with that  
astronomer pointing that telescope into the lonely  
night. You liked much, especially the presentations.  
Ah, now you liked Lincoln. Then you found  
you didn't go in the basement anymore and  
that the geometry room was it. Ah, it  
disturbed you to know the W.A.S. membership  
was dropping, that it seemed a progressive  
death was approaching it seemed. Yet you  
had loyal members. But you worry, will  
W.A.S. exist in 1970-1971. Ah, yes, but more  
members must be recruited, to assure her  
survival. W.A.S. shouldn't be was.  
and return to those, and do



Today

I. There will be a demonstration of a laser from the observatory. The laser cannot cut materials, but it will or should spread from a 1mm diameter to a foot or more.

This will be done from the platform constructed in the dome. By the way, try and give us solutions on ridding of a birdnest.

II. A demonstration of the pendulum, finally completed, will be given.