

The Shoreline Observer



*Newsletter for the
Shoreline Amateur Astronomical Association*

President- Mark Logsdon

Vice President- Gary Stroven

Secretary/Treasurer- Phil Sherman

Robert Wade, Editor

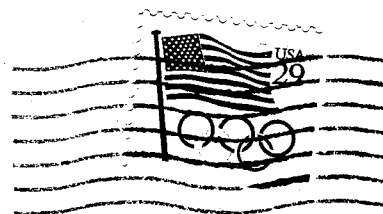
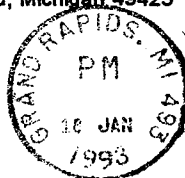
January 1993

January Meeting

The January meeting of the Shoreline Amateur Astronomical Association will be held on Thursday January 21, beginning promptly at 7:00 PM in the West Ottawa Middle School Planetarium in Holland, Michigan.

- Refreshments.
- Sandy Plakke will tour the January night sky.
- Constellation of the Month: Perseus.
- Mark will chair a planning session for our 1993 observing year.

3882 62nd Street
Holland, Michigan 49423



Board Meeting

Mark called the meeting to order at 7:00 P.M. on January 6, 1993. Phil, Gary, Larry, and Arlin were also present.

Treasure's Report: \$ 389.62

Old Business: SAAA membership cards will be updated.

New Business: Planning for Astronomy Day, May 1, has begun. A mall display and poster contest are again involved, as last year.

Star Parties (weather permitting): Friday January 29 (back-up date January 30) and February 26/27, locations to be determined.

Meeting adjourned at 8:30 P.M

Respectfully submitted by Mark Logsdon

1993 Observing Program

In previous years, we have had an observing program to challenge members to get out and use their telescopes and/or binoculars. Unfortunately, the number of members participating has steadily declined to less than a handful -- helped not a little bit by poorer than usual Michigan weather last year. For 1993, we will feature a different constellation month by month, both in the newsletter and the general meeting as time permits. This will allow even arm-chair astronomers a chance to join

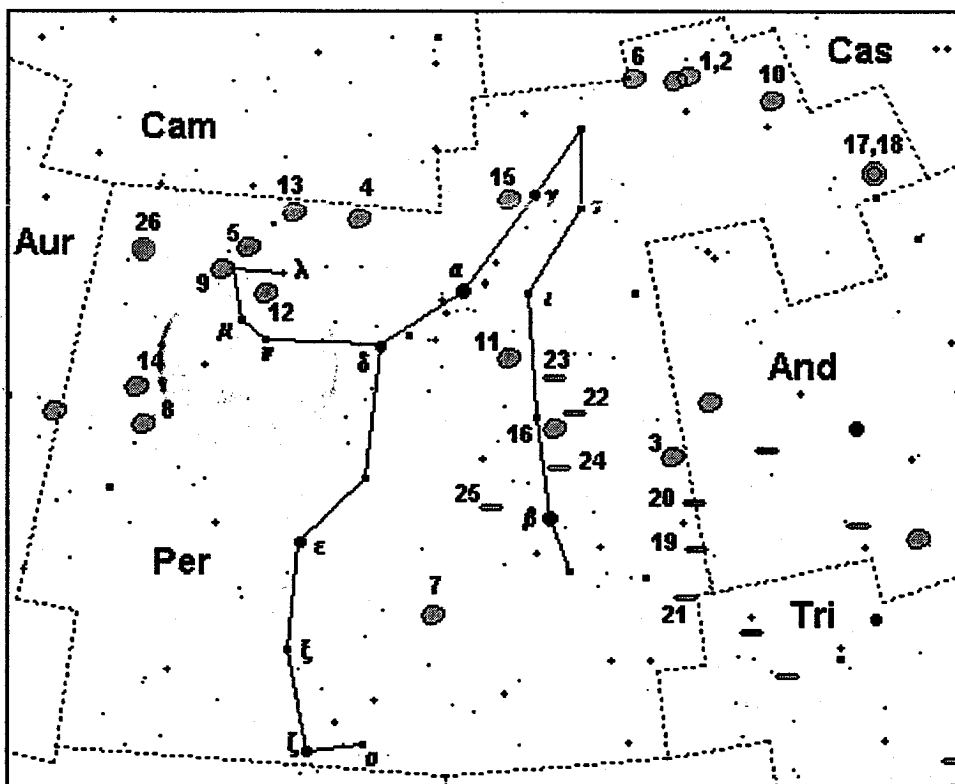
in the fun! Deep sky objects down to magnitude 12.5 will be featured and as the weather clears they will be the focus of our club star parties.

Perseus, the Champion

He is shown in early illustrations as a nude youth wearing the *talaria*, or winged sandals, with a light scarf thrown around his body, holding in his left hand the Gorgoneion, or head of Medusa-Guberna, the mortal one of the Gorgons, and in his right the *αρπη*, or *falx*, which he had received from Mercury.

The constellation is 28° in length - one of the most extended in the heavens - stretching from the upraised hand of Cassiopeia nearly to the Pleiades, and well justifying the epithet περιμήκετος, "very tall," applied to it by Aratos. It offers a field of especial interest to possessors of small telescopes, while even an opera-glass reveals much that is worthy of observation. Argelander gives a list of 81 naked-eye stars, and Heis 136.

| | | | | | | | |
|----|------|---|------|----|----|------|-----|
| 15 | 1220 | 3 | 11.6 | 53 | 20 | 12.0 | OC1 |
| 16 | 1193 | 3 | 5.8 | 44 | 23 | 12.5 | OC1 |
| 17 | 650 | 1 | 42.2 | 51 | 34 | 12.0 | PlN |
| 18 | 651 | 1 | 42.2 | 51 | 35 | 12.0 | PlN |
| 19 | 1023 | 2 | 40.4 | 39 | 4 | 11.0 | Gal |
| 20 | 1003 | 2 | 39.2 | 40 | 52 | 12.0 | Gal |
| 21 | 1058 | 2 | 43.5 | 37 | 21 | 12.5 | Gal |
| 22 | 1161 | 3 | 1.2 | 44 | 55 | 12.5 | Gal |
| 23 | 1169 | 3 | 3.5 | 46 | 23 | 12.5 | Gal |
| 24 | 1186 | 3 | 5.5 | 42 | 50 | 12.5 | Gal |
| 25 | 1275 | 3 | 19.7 | 41 | 31 | 12.5 | Gal |
| 26 | 1624 | 4 | 40.4 | 50 | 27 | 12.0 | C/N |



α, mag 2.1, brilliant lilac and ashy. Algenib is from Al Janb, the Side, its present position on the maps...

β, spectroscopic binary and variable, 2.3 to 3.5, white. Algol, the Demon, the Demon Star, and the Blinking Demon, from the Arabian Ra's al Ghul, the Demon's Head literally signifies a Mischief-maker...

ε, double, 3.5 and 9, greenish white

and lilac. It has been suspected of variation in color as well as in light. The components are about 9" apart, at a position angle of 10°, and form an interesting object for a four-inch telescope.

Deep-Sky Objects

Much of the information from above was obtained from Richard Allen's *Star Names, Their Lore and Meaning*.

| Seq. | NGC# | R.A. | Dec. | Mag. | Typ |
|------|------|--------|-------|------|-----|
| 1 | 869 | 2 19.0 | 57 9 | 4.5 | OC1 |
| 2 | 884 | 2 22.3 | 57 7 | 4.5 | OC1 |
| 3 | 1039 | 2 42.0 | 42 47 | 6.0 | OC1 |
| 4 | 1444 | 3 49.4 | 52 40 | 6.5 | OC1 |
| 5 | 1528 | 4 15.3 | 51 14 | 6.5 | OC1 |
| 6 | 957 | 2 33.5 | 57 32 | 7.0 | OC1 |
| 7 | 1342 | 3 31.6 | 37 20 | 7.0 | OC1 |
| 8 | 1582 | 4 32.0 | 43 51 | 7.0 | OC1 |
| 9 | 1545 | 4 20.8 | 50 15 | 8.0 | OC1 |
| 10 | 744 | 1 58.4 | 55 29 | 9.0 | OC1 |
| 11 | 1245 | 3 14.6 | 47 15 | 9.0 | OC1 |
| 12 | 1513 | 4 10.0 | 49 31 | 9.0 | OC1 |
| 13 | 1496 | 4 4.4 | 52 37 | 9.5 | OC1 |
| 14 | 1605 | 4 35.0 | 45 15 | 11.0 | OC1 |