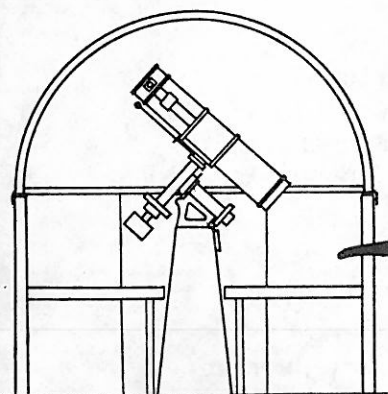


THE

SPECTRUM



BUFFALO ASTRONOMICAL ASSOCIATION INC.
BUFFALO MUSEUM OF SCIENCE
HUMBOLDT PARKWAY
BUFFALO NEW YORK 14211

J U N E

1 9 6 8

JUNE MEETING: For our last indoor meeting on June 14, 1968 (8:00 pm, EDT) it is appropriate that our guest speaker, Mrs. Sylvia Mosure (Lockport Astronomical Society) should discuss "MYTHOLOGY OF THE CONSTELLATIONS." This promises to be a fascinating lecture, one which ought to add new dimensions to our knowledge of the starry patterns in the sky we call constellations. Welcome, MRS. SYLVIA MOSURE!

* * *

ELECTION OF OFFICERS: At the June meeting we will also elect new officers of the Buffalo Astronomical Association, Inc. To provide members with a choice, Ed Lindberg, chairman of the nominating committee, has provided the following slate:

President:	Dr. Fred Price	*	Richard Zygmunt
Vice President:	Orrin Christy	*	Edward Stoklosa
Secretary:	Marjorie Meyer	*	Leslie Stoklosa
Treasurer:	Edith Geiger	*	Diane Redding

Officers are elected to a term of two years (1968-1969 + 1969-1970) and automatically also serve on the Board of Directors. Please remember that only members in good standing (i.e. those who have paid their dues prior to the election meeting) are eligible to vote. Voting will be by secret ballot. COME AND VOTE!!!

* ***** *

SUMMER STAR PARTIES: As is customary during the summer, members meet at informal star parties to view the sky and observe with a variety of instruments (and try to avoid Edith's unerring camera). The following nights have been selected for this summer:

1. June 28, 29 *) Newstead Observatory
2. July 12, 13 Newstead Observatory
3. July 19, 20 Camp Sprucelands
4. August 3 (only) Walter Semerau's Solar Laboratory
5. August 16, 17 Camp Sprucelands
6. August 23, 24 Newstead Observatory

2.

*) NOTE: If first night is clouded out, second night applies.

Meeting Times: Newstead Observatory= meet at dusk.

Camp Sprucelands= anytime after 6 pm - come early and enjoy a nature trail hike or a swim in Spruce Lake. Refreshments will be provided.

Walter Semerau's= One date only (Saturday) - meet between 10 AM and 3 PM. Bring a box lunch. The Semerau's live at 135 Zimmerman Blvd., Kenmore, N.Y. (This is off Delaware Ave., a few blocks north of Sheridan Drive. For other locations see map).

* * *

REPORT ON THE NEWSTEAD OBSERVATORY OF THE B.A.A., by Ed Lindberg.

During the past cold winter Ernie Okonski, Thad Toporczyk and I have worked on several rugged Saturdays at the Newstead Observatory. We installed rings on the telescope tube so that the tube can be rotated to place the eyepiece in a convenient observing position. We also repaired the slow motion on the declination axis.

Ernie Okonski made end caps for the tube so that it can be sealed to keep out moisture. Eventually we will place bags of silica gel desiccant in the end caps to reduce or solve the problem of mirror tarnishing. The mirror and diagonal have been cleaned and first order collimation has been finished. The eyepiece holder has been bored out slightly so that it is now .002 in. oversize. The club now has 3 eyepieces which can be used with the telescope.

The strips of plastic on the eaves, placed there last fall, have proven to be very successful in keeping out water and snow. There are several things which need to be done yet: a R.A. slow motion; improving the mounting of the R.A. tracking drive motor; adding silica gel to the end caps; improving the balancing system of the telescope; reworking of the observatory slit; checking dome and building for wear and repairing same. All of this work requires the gallant services of volunteers.

But, at least, the equipment is in working order for the summer star parties.

* *

SOLUTION TO LAST MONTH'S PUZZLE: The puzzle Ray Manners communicated last month appeared in the August 1965 issue of Scientific American, page 98. The solution was published in the September 1965 issue, pages 232 ff. Two correct solutions were sent in, by Ed Lindberg and Dr. Seville Chapman (both, incidentally, with Cornell Aeronautical Laboratory). We have decided to award each gentlemen a copy of Fred Hoyle's FRONTIERS OF ASTRONOMY. Herewith the solution:

1. Introduces 24 symbols; 2. A - J = 1 - 10; 3. Symbols " + " and " = " are introduced; 4. "minus" is introduced; 5. "zero" is introduced; 6. Positional notation, based on 10, is introduced; 7. Multiplication; 8. Division symbol introduced; 9. Exponents are used; 10. Symbols for 100 and 1,000; 11. Symbols for 1/10 and 1/100; 12. Decimal sign is used; 13. Symbol for "approximately equal to" is introduced/. The original message closes with the following:

14. DPZFWNNIBRCQC which, decoded, reads: $4 \times \pi \times .0092^3$.

QUESTION? WHAT DOES
IT MEAN?

3

*

TO
STYERSVILLE



JAVA
VILLAGE

WEICH RD.

PIT RD.

MICHIGAN RD.

CUMBERS RD.

CATTARAUGUS RD.

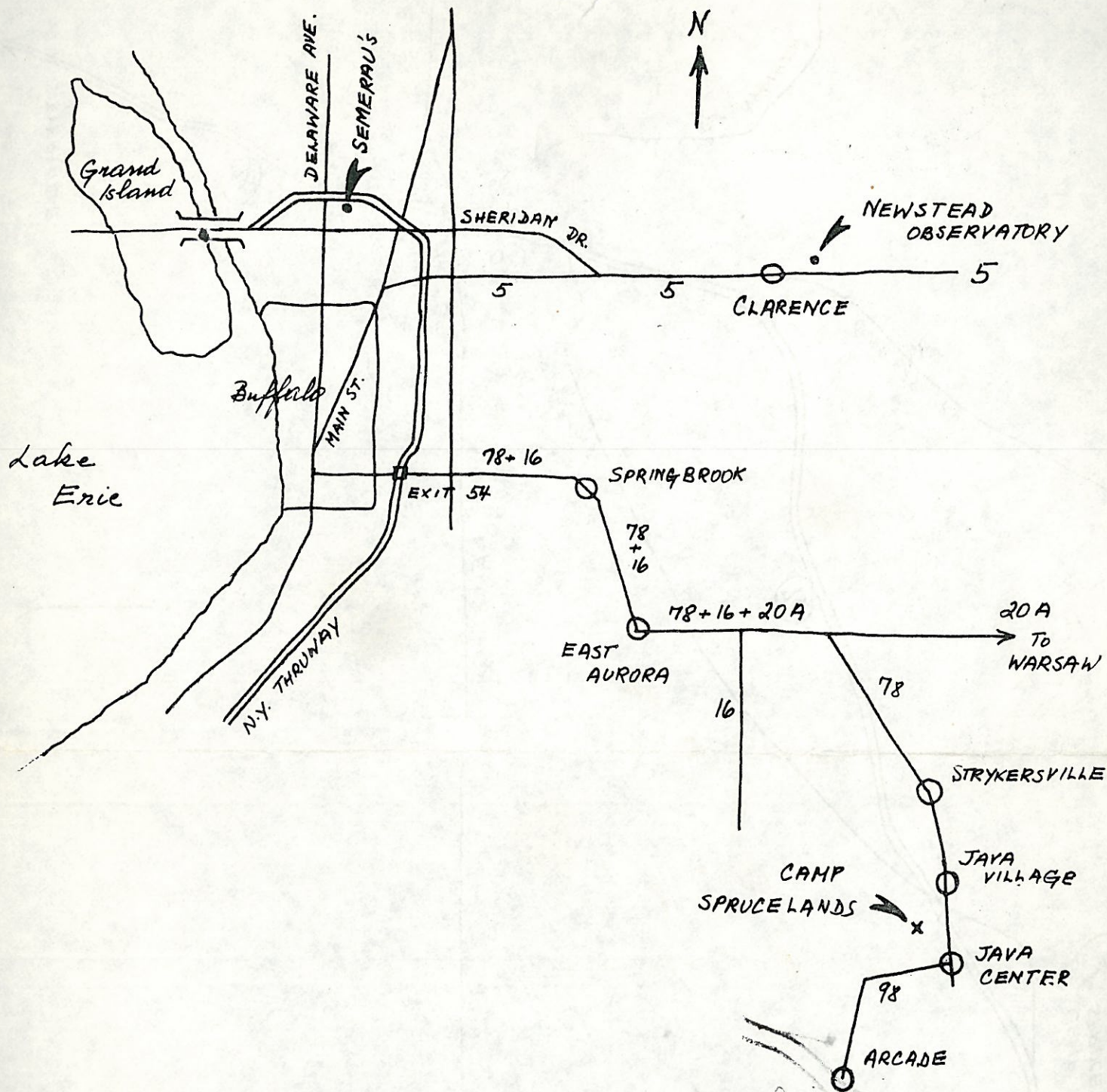
CAMP
SPRUCE
LANDS.

JAW
CENTER

TO
ARCADE

1/2 - - - - -
1





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Mr. Richard Zygmunt
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