

COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 312

Konkoly Observatory
 Budapest
 1968 November 12

PERIODS FOR EIGHT VARIABLE STARS IN SAGITTARIUS

Periods have been determined at the Maria Mitchell Observatory from Harvard and Nantucket plates for the following variable stars:

Var.	R.A. 1900	Dec.	Max	Min	Type	JD	Period
1	18 ^h 13 ^m 55 ^s	-22°15'4	13.8	16.0	EA	32702.406	3 ^d .16299
2	18 42	-24 58.9	15.6	16.6	RR	25474.346	0.56600
3	28 25	-23 06.1	14.5	15.7	RV	23238	137.5
4	28 59	-21 38.7	14.9	[15.9	M	27250	255
5	30 33	-22 52.0	14.8	16.1	M	26120	272
MN Sgr	33 55	-28 07.3	13.5	16.0	M	27221	283
NO Sgr	40 53	-19 42.7	13.0	[15.5	M	36050	296
NR Sgr	41 27	-24 03.5	12.5	[15.5	SR	25900	183

Notes:

- Var.1. 15 minima. An approximate period had been determined by Mary Ashman in 1967 and improved by Jean Jackman in 1968.
- Var.2. 185 observations. Bailey Var. No.8 in M 28. An approximate period determined in 1964 by Joyce Pascoe has been revised in 1968 by Linda Deery. Period increasing 2×10^{-10} d. per epoch.
- Var.3. 48 epochs.
- Var.4. 55 epochs.
- Var.5. 35 epochs.
- MN Sgr. 55 epochs. Period derived by Karen Alper.
- NO Sgr. 29 epochs.
- NR Sgr. Originally classified as irregular.

This work has been carried out under a grant from the U.S. National Science Foundations.

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