

COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 277

Konkoly Observatory
 Budapest
 1968 May 31

TEN MORE VARIABLE STARS IN SAGITTARIUS

Students employed at the Maria Mitchell Observatory in 1967 under a grant from the U.S. National Science Foundation, determined approximate periods for ten of my new Sagittarius variable stars having late-type spectra:

No.	R.A.(1900)	Dec.	Max	Min	Type	Sp	J.D.	Per.
1*	18 ^h 12 ^m 52 ^s	-27°34'18"	14.5	16.2	M	M5	30116	154.5
2	13 46	-23 56.9	14.5	16.0	SR	M8:	32385	165
3	20 27	-22 5.7	14.5	16.4	M	M3	23950	159
4	22 21	-22 10.2	14.2	16.1	M	M8	32370	202:
5	22 23	-22 17.0	14.0	15.5	SR	M3-6		175:
6*	22 57	-22 51.4	14.0	16.0	M	M8	28690	248
7*	23 11	-24 36.4	13.5	15.5	M	M:		300:
8	27 32	-23 21.9	14.3	16.0	M	M5	26160	276
9	31 19	-21 34.2	14.3	15.6	SR	M3		150:
10	34 45	-26 10.8	11.9	13.1	SRa	M3		200:

Computers were Mary Ashman (Nos 1,4,5), Judith Guthrow (Nos 2,3), Wendy Levins (No. 7), Sandra Servaas (Nos 8,10), Diana Welch (Nos 6,9).

24 May 1968

DORRIT HOFFLEIT
 Maria Mitchell Observatory
 Nantucket, Mass., U.S.A.

- *1. Has companion
- 6. Var. is N of close pair. Companion 16 mag.
- 7. Variable closely follows 12.5 mag.star; seldom resolved.