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SOME NEW SPECTRAL CLASSIFICATIONS FOR NAMED
 AND SUSPECTED VARIABLE STARS

The variables listed below were routinely picked up for being spectral type M6 or later, or for showing probable H α emission, in a recently completed objective prism survey. This survey covered completely the sky north of declination -25° and further than 10° from the galactic plane, employing the visual-red spectral region. The classifications cited here were done from the 6100-6800 A wavelength region, dispersion 1000 A/mm at H α . None of these stars has a published spectral type that I am aware of.

NAMED VARIABLES

OM And	M8	AM Hya	M7
FH And	M7-8	AQ Hya	M7
DH Aqr	M6-7	SV Leo	M7
EP Aql	M5e	UV Lib	M6,e?
GX Aql	M7	CV Lib	M6
V502 Aql	M6[S:]	DX Lib	M7e
SW Cap	M7-8	EK Lib	M7e
BB Cyg	M7-8	SX Lyr	M8
UX Del	M7	AR Lyr	M7
WX Del	M7	AS Lyr	M7
AF Del	M7+	CV Lyr	M6+
XX Dra	M7	DL Lyr	M7
AM Dra	M8	IV Lyr	M7
AY Dra*	M7:	OP Lyr	M7
RR Equ	M6-7	CW Oph	M7:
SW Eri	M9	V397 Oph	M7
AF Eri	M7:	V836 Oph	M7
AV Eri	M6-7	V2070 Oph	M6-7
IU Gem	M7	V2098 Oph	M6:
WX Her	M1e	FW Ori	M7
AV Her	M6-7	TZ Psc	M8
BU Her	M6-7	XY Peg	M7
DN Her	M6-7	PZ Per	M8
EN Her	M6	DZ Sgr	M6
ET Her	M6	EP Sgr	M6+

*My measured position is $15^{\text{h}}36^{\text{m}}20^{\text{s}}.3$, $+57^{\circ}20'56''$ (1900.0). The position in the 3d edition of the GCVS differs from this by several minutes of arc.

NAMED VARIABLES, CONTINUED

FX Her	M7	FG Sgr	M6:
KN Her	M7	FS Sgr	M7:
KS Her	M7	V360 Sgr	M7
KT Her	M6	V2119 Sgr	M6-7
KQ Her	M8	V2127 Sgr	M6+
LY Her	M7	UV Sco	≥M6
MV Her	M6-7	KU Sco	M6
V393 Her	M8	V770 Sco	≥M6
V400 Her	≥M6	V779 Sco	M6-7
V455 Her	M6+	V814 Sco	M6
V456 Her	M7	VW Ser	M7
V460 Her	≥M6	WY Ser	M7-8
AX Ser	M7	SY Vir	≥M6
BZ Tau	M6-7		

The second table lists spectral classifications from the aforementioned survey plates for stars having no spectral types given in the new catalog of suspected variable stars (NSV), nor a published type anywhere else, to my knowledge. The identification numbers are the NSV numbers.

SUSPECTED VARIABLES

3992	≥M6	7369	≥M6
3994	≥M6	8001	M7
4422	M7	8100	M6:
5572	M6	8186	M7
5749	M7,e:	8224	M7:
7125	M6:	9520	M7
7152	M6	9827	M6-7
7368	M6	14411	M7:

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