

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

NUMBER 610

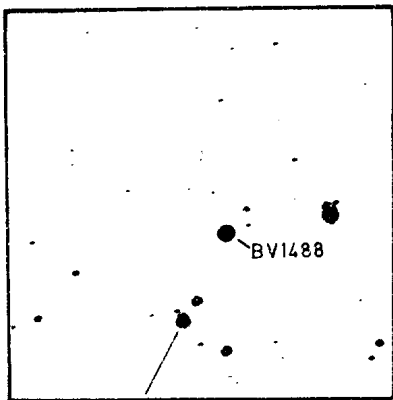
Konkoly Observatory  
 Budapest  
 1972 January 4

Veröffentlichungen der Remeis-Sternwarte Bamberg  
 Astronomisches Institut der Universität Erlangen-Nürnberg  
 Band VIII, Nr.99

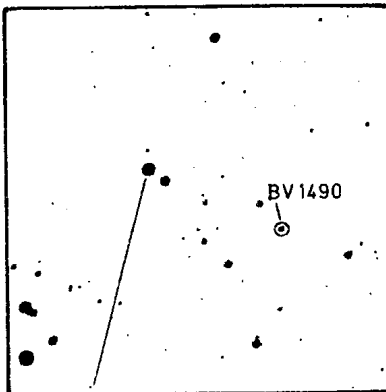
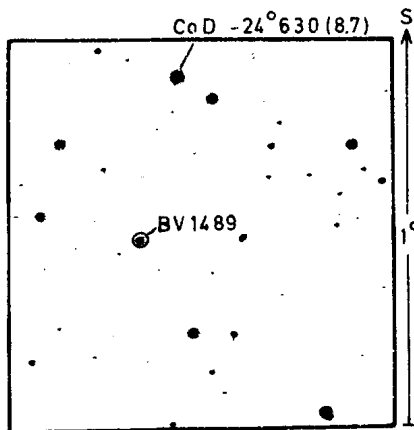
NEW BRIGHT SOUTHERN VARIABLE STARS

On Sky patrol plates taken at the Southern Stations of the Dr.-Remeis-Sternwarte Bamberg and the University of Florida Gainesville at Mount John University Observatory, Lake Tekapo, New Zealand, further stars were found whose variability seems to be real as seen from the material available now.

			$A_{pg}$
BV 1488 Phe	= CAP $-40^{\circ}32(8^m2)$ = HD 2320 (A3)	= CoD $-40^{\circ}85(8^m6)$	0.6
BV 1489 Cet	= CAP $-23^{\circ}176(9^m8)$	= CoD $-23^{\circ}526(9^m4)$	0.5
BV 1490 Eri	= BD $-17^{\circ}750(10^m)$		0.4
BV 1491 Car	= CAP $-57^{\circ}4451(9^m3)$ = HD 97726 (Ba)	= CoD $-57^{\circ}3785(9^m3)$	0.5
BV 1492 Cen	= CAP $-44^{\circ}5910(8^m8)$ = HD 106790 (A2)	= CoD $-44^{\circ}7906(9^m2)$	0.3
BV 1493 Cru	= CAP $-56^{\circ}5346(8^m2)$ = HD 109724 (B5)	= CoD $-56^{\circ}4556(8^m1)$	0.6
BV 1594 Cha	= CAP $-77^{\circ}895(8^m9)$ = HD 115637 (Mb)	= CoD $-77^{\circ}593(8^m7)$	0.6
BV 1495 Cen	= CAP $-62^{\circ}3703(8^m2)$ = HD 120678 (B0)	= CoD $-62^{\circ}784(8^m5)$	0.3
BV 1496 Aps	= CAP $-77^{\circ}1097(9^m5)$	= CSV 7178 = S 5348	0.3
BV 1497 Tel	= CAP $-52^{\circ}11218(10^m0)$	= CoD $-52^{\circ}8784(9^m9)$	0.4
BV 1498 Gru	= CAP $-55^{\circ}9955(9^m2)$ = HD 218373 (Ma)	= CoD $-55^{\circ}9241(9^m0)$	0.3

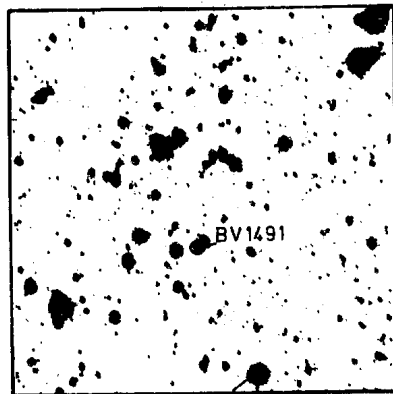


CoD -40°081(70)

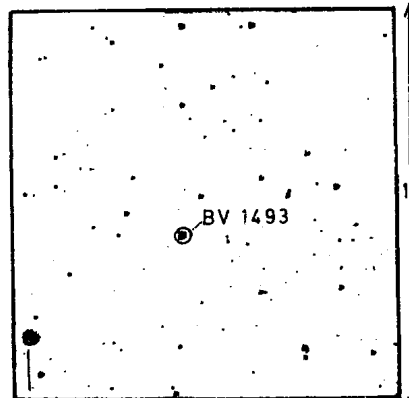
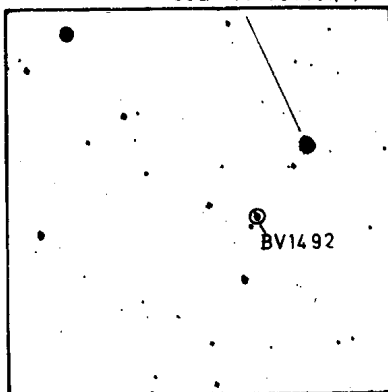


BD -17°744 (7.2)

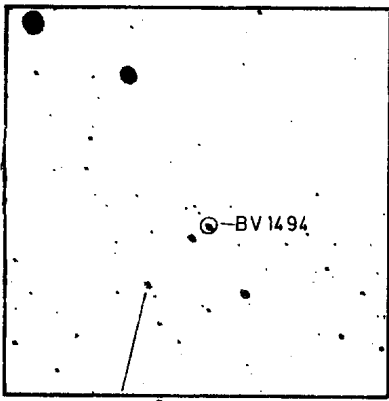
CoD -44°7914 (7.9)



CAP -57°4486 (7.8)

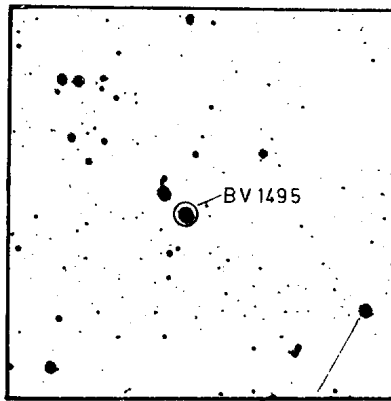


CAP -55°5133(7.6)



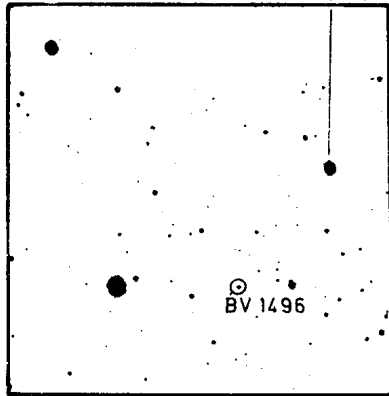
CAP -77°892(86)

CAP -78°1005(80)

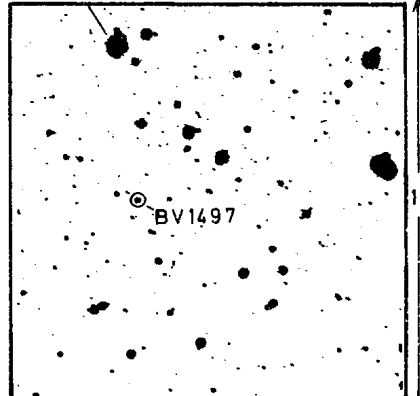


CAP -61°4194(79)

CAP -52°11 210(82)

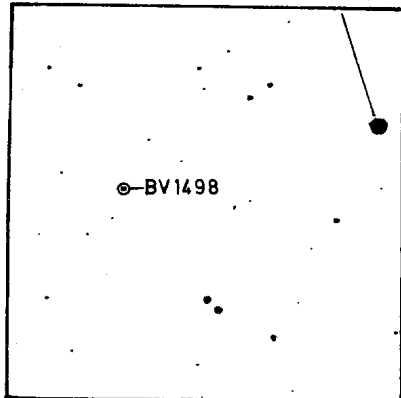


BV 1496



BV 1497

CAP -55°9968(76)



BV 1498

BV 1488 = CAP  $-40^{\circ}32(8^m.2)$  = CoD  $-40^{\circ}85(8^m.6)$  = HD 2320(A3)

Min = JD 2438309.365 +  $1^d.510653 \cdot E$

<u>Minima</u>	<u>E</u>	<u>O-C</u>
38309.365	0.0	0.000
38315.369	4.0	-0.039
38318.369	6.0	-0.060
38340.292	20.5	-0.041
38614.528	202.0	+0.011
38642.446	220.5	-0.018
38670.374	239.0	-0.037
38695.340	255.5	+0.003
39053.350	492.5	-0.012
39361.490	696.5	-0.045
39383.418	711.0	-0.021
40415.233	1394.0	+0.018
40526.302	1467.5	+0.054
40823.093	1664.0	+0.001

Amplitude  $0^m.5$  with a deep secondary minimum, Eb

BV 1491 = CAP  $-57^{\circ}4451(9^m.3)$  = HD 97726(B9) = CoD  $-57^{\circ}3785(9^m.3)$

Min = JD 2438555.198 +  $74^d.64 \cdot E$

<u>Minima</u>	<u>E</u>	<u>O-C</u>
38554.197	0	-1.001
38555.198	0	0.000
39972.888	19	-0.470
39972.934	19	-0.424
39973.905	19	+0.547
41092.822	34	-0.136
41092.876	34	-0.082
41093.844	34	+0.886

Amplitude  $0^m.5$ , EA  
All other 277 plates show maxima.

Bamberg, December 1971

W. STROHMEIER