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Veröffentlichungen der Remeis-Sternwarte Bamberg
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THREE NEW BRIGHT ECLIPSING BINARIES

On sky patrol plates taken at the Southern Stations of the Remeis-Sternwarte Bamberg, 3 new bright variable stars were found to be eclipsing binaries.

BV 1511 = CAP -62°4477 8^m.2 = HD 136828 B8

Min. = JD 243 8196.250 + 2^d.75815·E

	<u>Minima</u>	<u>E</u>	<u>O - C</u>
243	8196.330	0	+0.080
	8204.327	3	-0.197
	8589.251	142.5	+0.010
	.296	142.5	-0.035
	8855.507	239	+0.059
	.555	239	+0.107
	8935.267	268	-0.167
	.314	268	-0.120
	8963.226	278	+0.210
	9287.307	395.5	+0.209
	.353(1/2)	395.5	+0.255
	9975.042	645	-0.215
244	0299.153	762.5	-0.106
	0307.018	783.5	-0.242
	.062	783.5	-0.198
	0417.840	805.5	-0.100
	0439.823	813	+0.197
	0709.031	911	+0.106
	.075	911	+0.150
	0734.981	920.5	-0.146
	0763.899	931	-0.189
	.947	931	-0.141
	1066.034	1040.5	-0.071
	.097	1040.5	-0.011

Amplitude 0^m.40, EA or EB, with a deep secondary minimum

BV 1512 = CAP $-59^{\circ}5885$ (9.2) = HD 135432 (AO)
 Min. = JD 243 8233.250 + 6.^d7125.E

<u>Minima</u>	<u>E</u>	<u>O - C</u>
243 8233.215	0	-0.035
.262	0	+0.012
8525.427	43.5	+0.183
8562.290	49	+0.128
.334	49	+0.172
8582.245	52	-0.055
.290	52	-0.010
8588.251	53	+0.239
8592.247	53.5	-0.122
244 0028.933	267.5	+0.089
0720.067	370.5	-0.264
0763.899	377	+0.037
1066.035	422	+0.110
.094	422	+0.169

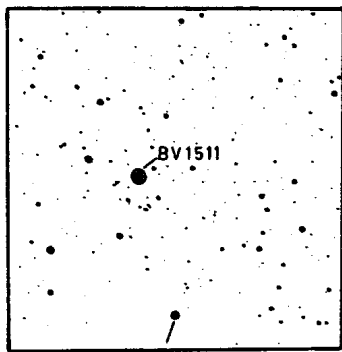
Amplitude $0^m.35$, EA of EB, with a deep secondary minimum, perhaps a half of this period.

BV 1513 = CAP $-46^{\circ}120$ (8.2) = HD 6980 (GO)

Amplitude $0^m.8$, EA, with a period of probably several days.

Bamberg, April 1972

W. STROHMEIER



CAP-62°4482(86)

