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 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 144

Konkoly Observatory
 Budapest
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NOTES ON NEW VARIABLE STARS

HD +54°2193 (5.^m8)

The variability of BD +54°2193 was announced by M.S. Snowden in IBVS 127. I wish to point out that the variability of this star was already discovered in 1928 at the Babelsberg Observatory. In Vierteljahrsschrift der Astr. Gesellschaft Bd 64, p. 156 (1929) the epoch of a patrol plate (J.D. 2425507.420; 1928 Sep.17), showing the star faint, was given.

Potsdam, Astrophysikalisches Observatorium
 June 10, 1966

H. SCHNELLER

HD 156 545 = BV 418

Elements of this star have been given in the following numbers of the IBVS:

No 47: elements

No 77: improved elements and photometric light curve.

No 136: independent discovery of the variability by R. Deurinck and R. Briers, elements and light-curve.

Elements given in numbers 77 and 136 are fully compatible as may be seen by two half-minima on new patrol plates of the Bamberg Southern Station, fitting the light-curve of No 77 with the elements of No 136.

JD Half-Minima	Phase	E	O - C	Brightness ^{+/}
243 8943.383	0.964	886	-0. ^d 083	8. ^m 95
8971.319	0.042	899	+0.097	9.15

+/ (Derived using the comparison stars given in No 77).

Bamberg Observatory
 June 24, 1966

W. STROHMEIER

BV 345 = V 796 Cyg

BV 345 ($19^{\text{h}}30^{\text{m}}48^{\text{s}}.1$, $+47^{\circ}07'.9$, 1900.0), announced as variable by Strohmeler (Ver.d. Reimis-Sternwarte, Bamberg Bd V. Nr 8.) is identical with V 796 Cyg ($19^{\text{h}}31^{\text{m}}3^{\text{s}}$ $+47^{\circ}05'.6$; 1900.0), as was found by the second author observing the star on our patrol plates.

V 796 Cyg = S 4782 was discovered by Hoffmeister at Sonneberg. (Astr. Abh. Erg. Bd. 12, Nr 1). Zessevitsch found type EB with the elements

Min. = J. D. $2435691.417 + 0.74047^{\text{d}}$. E ($11^{\text{m}} - 11^{\text{m}}.5 \text{ pg}$)
Sovi. Astr. Circ. No. 173).

The first author found a better representation of the observations by the new elements:

Min = $24\ 37997.108 + 1.480834^{\text{d}}$. E

Observed Minima:

J. D. hel.	O - C	E	
2436817.545	-0.079	-796,5	(Min II)
6898.284	- .045	-742	
7189.354	+ .041	-545,5	(Min II)
7192.341	+ .066	-543,5	(Min II)
7249.300	+ .013	-505	
7913.424	- .017	- 56,5	(Min II) +/
7939.369	+ .014	- 39	+/
7959.355	+ .008	- 25,5	(Min II) +/
8232.532	- .029	+159	+/
8235.510	- .012	+161	+/
8255.495	- .019	+174,5	(Min II)
8640.491	- .039	+434,5	(Min II)
8652.399	+ .022	+442,5	(Min II)
8669.388	- .019	+454	
9049.266	+ .025	+710,5	(Min II)
9052.278	+ .074	+712,5	(Min II)

+/ published already in Harthaer Beobachtungs-Zirkular Nr. 29/30.

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44. I BOOTIS

From 130 photoelectric observations during 5 nights between 1966 April 26 and May 2 the following 6 Minima could be derived.

J. D. hel.	n	O - C
243 9242.4050:	7019	-0. ^d 0007
9243.3465	7022.5	+0.0035
9245.3520	7030	+0.0003
9245.4865	7030.5	+0.0009
9247.3600	7037.5	-0.0003
9248.4310	7041.5	-0.0005

The O-C's have been obtained from the elements given in IBVS 57, 1964. They show that the period was constant during the last 5 years.

Potsdam, Astrophysikalisches Observatorium
June 10, 1966

H. SCHNELLER

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