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LIGHT CURVE OF THE EMISSION VARIABLE IN SAGITTA

The emission object announced by O.D. Dokuchaeva in IAU Circ. 2995 and IBVS 1189 was observed on Sonneberg field and patrol plates mainly taken by R.Brandt and H.Huth. The variable was invisible (fainter than 15^m to 16^m) on roughly 250 blue sensitive plates of the 14 cm lenses in the years 1930 to 1969 and invisible (fainter than $13^m.2$ pg or $12^m.5$ pv) on blue and photovisual material of the sky patrol from 1970 to 1974 Dec. 13.

The outburst of 1975/76 as observed in photovisual (x) and blue light (•) is shown in the Figure. The object's red colour which obviously also belonged to the minimum (see Palomar charts), was strongly present at the ascending branch, smaller during maximum and no longer conspicuous in 1976. The systematic difference between the Harvard data (IAU Circ. 3005) and ours has still to be explained.

The comparison stars were tied to SA88 (Mt. Wilson system) for m_{pg} and to our sequence near WW Vul (Astron.Nachr. 294,p.29) for m_{pv} . They can be identified on the map in IBVS 1189 with respect to the variable star, as follows:

	$\Delta\alpha$	$\Delta\delta$	m_{pg}	m_{pv}
B	4.6 E	3.1 S	10.2	9.3
A	5.0 W	1.1 S	11.2	10.75
Z	1.0 W	2.9 N	11.7	11.3
Y	0.3 E	1.5 N	12.1	11.7
X	2.1 E	2.1 S	13.0	12.5:

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