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IDENTIFICATION OF HV 5824 AND HV 5967 WITH PLANETARY NEBULAE

We recently noted that two Harvard variable stars in the Large Magellanic Cloud appear to be identical with confirmed planetary nebulae. HV 5824 and HV 5967 are listed in the Hodge-Wright atlas of the LMC (Smithsonian Press, 1967) as irregular variables, having a range, in each case, of 0.9 magnitudes. They are identified on charts provided in that atlas. By comparing the Hodge-Wright charts with the identification charts of confirmed planetary nebulae provided by Westerlund and Smith (M.N.R.A.S. 127, 449, 1963), one observes that HV 5824 = WS 26 = N 141 and HV 5967 = WS 35 = N 66. The N designations are those of Henize (Ap.J.Suppl. 2, 315, 1956). Presumably, such variations could arise in the central stars, a phenomenon also observed in a small number of galactic planetaries. Clearly, it would be of considerable interest if southern hemisphere observers could verify and specify the exact nature of these light variations.

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Corrigenda

I.B.V.S. No. 1254

Z. Tüfekcioglu : Photoelectric Minima of AB And and X Tri

The table for AB And should read:

Hel. Min. J.D.	m.e.	Min.	O - C
2443044.3047	± .0006	II	+ .0049
044.4694	.0004	I	.0036
046:2941	.0008	II	.0029
050.4433	.0015	I	.0035
054.4262	.0004	I	.0038
129.2694	± .0007	II	+ .0052

The table for X Tri should read:

Hel. Min. J.D.	m.e.	Min.	O - C
2443132.2753	± .0004	I	+ .0071
33.2466	± .0002	I	+ .0076

I.B.V.S. No. 1280

In the note "Periodicite d'etoiles Ap Australes" of P. Renson the period of HD 83625 was, by mistake, omitted. The period of this star is 1.08 days.