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OBJECTIVE PRISM SPECTRUM OF NOVA PUPPIS
1963

Nova Puppis 1963, discovered by C. Hoffmeister (UAI Circ. 1857 and Inf. Bull. on Variable Stars 45) was found on a blue objective prism film (Perutz Phototechnisch B) which was obtained by the 36/44/62.5 cm Schmidt camera and a 5.5 flint prism (dispersion 635 Å/mm at H-gamma) on April 20, 1963 at the Boyden Observatory, South Africa.

The brightness of the post maximum nova was estimated $10^{m.5}$ pg, and the spectrum shows the following features:

Weak emission band:	from λ 4750 Å to 4660 Å
" " "	" " 4610 " 4550
" " "	" " 4465 " 4360
H-gamma line in absorption, faint	
Strong and bright emission band	from λ 4185 Å to 4120 Å
H-delta line in absorption, broad	
H-epsilon line in absorption, broad and strong	
Emission band, medium bright	from λ 3960 Å to 3945 Å
K-line, sharp and faint	
Emission band, medium bright	from λ 3930 Å to 3910 Å
H-zeta in absorption, very broad	
Bright emission band	from λ 3850 Å to 3810 Å
Strong and bright emission band	from λ 3765 Å to 3715 Å

The position of the emission bands was measured against the H-delta-line, which was considered as resting.

The K-line appears as if it would be superimposed on one single emission band extending from H-epsilon to H-zeta.

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