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REMARKS CONCERNING IZ CYGNI

We have recently found, by reference to the original plate material, that star no. 8353 in the 1965 catalogue of suspected variables is, in fact, identical with the 441-day Mira variable star IZ Cygni. As the latter star appears to be of considerable interest, we give in the following our objective-prism data near maximum and minimum light, in all but the last instance determined from the infrared spectral region:

Date (UT)	Spectral Type
June 17, 1947	M4
Sept. 21, 1951	M10+
Sept. 1, 1954	M3
June 13, 1956	M10
July 7, 1959	M2e (blue spectral region)

We find the following ranges in light:  $m_{iR}=8.0-11.5$ ;  $m_{pG}=11.0-17.5$ . The star was near minimum at the time of the Palomar Sky Survey exposure taken on August 10, 1950. Our spectral and magnitude data are in good agreement with the light elements given in the GCVS. The star's unusually early spectral type at maximum and its very large spectral range are noteworthy, and the object merits further spectroscopic observation. The next maximum will occur in Aug.-Sept. 1977.

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