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BW Tau = 3C 120

The purpose of this communication is to note that the irregular $13^{m}.7$ to $14^{m}.6$ variable BW Tau = HV 10387 (α = $= 04^{h}\ 30^{m}.5$, $\delta = +05^{o}\ 15'.0$, 1950.0) discovered by Hanley and Shapley (1940) is, in fact, the Zwicky compact galaxy II Zw 0430 + 05 (from a list kindly circulated by Dr. Zwicky) which is identified with the radio-variable radio source 3C 120. This source has aroused much interest recently (Kellermann and Pauliny-Toth, 1968; Oke, Sargent, Neugebauer and Becklin, 1968). It is also listed as a peculiar galaxy by Vorontsov-Velyaminov and Arhipova 1964 and as a radio source in the Parkes (Day, Shimmins, Ekers and Cole, 1966) and 4C (Gower, Scott and Wills, 1967) surveys. Thus any observations made of this object by variable star observers, particularly in the past, would be of great interest. However, care should be taken in interpreting the observations in view of the extended nature of the galaxy.

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