

THREE SYMBIOTIC STARS CATALOGUED AS PLANETARY NEBULAE

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Three stellar-like objects, previously identified as planetary nebulae, were observed with the Image Intensifier-SIT multichannel spectrograph at the 2.1 m telescope in San Pedro Mártir. The mis-identified planetaries are Bl 3-11, He 2-417 and He 2-468. All of them show strong permitted H and He lines, detectable stellar continuum with absorption late-type bands and several other emission lines, including the unidentified λ 6830 Å feature. Clearly, the three objects are symbiotic stars, and not planetary nebulae. We present low-dispersion spectra for the three objects in the 3800-7000 Å spectral range.