

LOOKING FOR NEW CATAclysmic VARIABLES

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ABSTRACT. One year ago we have started a program of observations of southern irregular variables of the types L, I and Is, selected from the catalogs GCVS and NSV. The main goal is to identify new cataclysmic variables and related objects. So far we have done photoelectric photometry of about 350 objects and spectroscopy of 120 of them. Nearly 80% of all observed objects are red giant-like. The other 20% comprise a large variety of types such as T Tauri, Mirae, Cepheids, Planetary Nebulae, etc. Ten new cataclysmic variables and one x-ray binary were also identified. Some of these objects studied in more detail, show interesting behavior.

Key words: PHOTOMETRY -- SPECTROSCOPY -- STARS-CATAclysmic VARIABLES

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