

Novae and Nova-like Stars in the 81th Name-list of Variable Stars: Official Announcement of GCVS Names

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GCVS names are announced for 13 galactic variable stars of rare types (mostly Novae) discovered in 2013–2015.

According to an agreement between the team of the General Catalogue of Variable Stars (GCVS; Samus et al. 2007–2014) and the Central Bureau of Astronomical Telegrams (BAT) reached in 1998, GCVS names for galactic Novae and some other variable stars of special interest can be given, upon BAT suggestion, between regular Name-lists of Variable Stars. These GCVS names are announced in IAU Circulars of Central Bureau Electronic Telegrams and then enter the next regular Name-list. This practice meets approval of the astronomical community, new names begin to be frequently used by researchers immediately after the variable’s discovery.

Kazarovets and Samus (2013), lacking requests from the BAT for some time, announced GCVS names for 14 Novae discovered in 2011–2013. These names were also included into the 3rd part of the GCVS Name-list No. 80 (Kazarovets et al. 2013). After that, the BAT repeated the announcement of 8 Novae (Samus 2013a), and later (Samus 2013b), of three more Novae, with an additional announcement of one Nova that appeared later than those in our publication. Till the end of 2013, announcements of permanent GCVS names in BAT publications continued (Kazarovets 2013, Nakano et al. 2013a, 2013c, 2014, Nishiyama et al. 2014a, Samus 2013c), with names announced for 7 stars. Because of this, we did not follow our plan (Kazarovets and Samus 2013) to announce new permanent designations in the *Astronomical Circular* (<http://comet.sai.msu.ru/gmr/AC/index.html>), an electronic journal of the Eurasian Astronomical Society and Sternberg Astronomical Institute (Lomonosov Moscow University). However, very soon the BAT announcements of GCVS names stopped again. Also, some rare-type variables were first announced not in the BAT resources but elsewhere. Thus, of a total of 13 Novae or stars of rare types deserving quick naming, 6 remained not announced.

We are now finishing preparation of the next, 81st Name-list of variable stars. As a part of this work, in the present paper, we announce permanent GCVS names for 11 galactic Novae and two variables of other rare types. The announcement lists all rare-type stars named after our list in Kazarovets and Samus (2013). Table 1 presents relevant information. Asterisks means magnitudes from unfiltered CCD photometry. References are given in the last column.

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Table 1: New GCVS names for Variables of Rare Types

GCVS name	Nova	Coordinates (J2000.0)		Type	Range, mag	JD of maximum	Ref.
		h, m, s	°, ′, ″				
V1830 Aql	N Aql 2013	19 02 33.38	+03 15 19.0	NA	15.2 – 20 : ^m V	2456596	1
V1369 Cen	N Cen 2013	13 54 45.35	–59 09 04.1	NA	3.2 – 15.5 : V	2456640	2
V0962 Cep	N Cep 2014	20 54 23.75	+60 17 06.9	NA	11.0 – < 21 V	2456730	3
V2659 Cyg	N Cyg 2014	20 21 42.33	+31 03 29.5	NB	9.5 – 21 : V	2456756	4
V0339 Del	N Del 2013	20 23 30.71	+20 46 04.2	NA	4.4 – 16.9 V	2456521	5
V0960 Mon		06 59 31.59	–04 05 27.8	FU	9.9 – 11.4 I _c		6
V5666 Sgr	N Sgr 2014	18 25 08.76	–22 36 02.6	NB	9.9 – 20 : V	2456701	7
V5667 Sgr	N Sgr 2015 No. 1	18 14 25.15	–25 54 34.7	N	9.3 – < 16 V	2457070	8
V5668 Sgr	N Sgr 2015 No. 2	18 36 56.84	–28 55 39.8	N	4.2 – 16.0 V	2457102	9
V1533 Sco	N Sco 2013	17 33 59.45	–36 06 21.1	NA	11.1 – < 20 *	2456447	10
V1534 Sco	N Sco 2014	17 15 46.88	–31 28 30.3	ZAND:	12.0 – 17 : V		11
V1535 Sco	N Sco 2015	17 03 26.18	–35 04 17.8	NA:	9.4 – < 17 V	2457065	12
V0556 Ser	N Ser 2013	18 09 03.43	–11 12 34.4	N	12 – < 20 *	2456623	13

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