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**Identification of NSV Stars in the Hubble Space
Telescope Guide Star Catalogue. II.**

Following with a program conducted to improve the coordinates of southern variable and suspected variable stars (see Lopez and Girard, 1990), a cross-identification of suspected variable and Hubble Space Telescope Guide Star Catalogue (GSC) stars is herein presented.

For this note, we have followed the same procedure described in Lopez (1993).

Table I shows the identifications which have been found. The first column is the NSV number, the second one provides the GSC number (see Lasker *et al.* 1990 for a description of the GSC number format). The last two columns give the RA and Dec (B1950.0). We have preferred to express the positions extracted from the GSC in the 1950 equinox-instead of the J2000 of the GSC- since it is the standard one in the NSV.

The stars in Table I have been arranged according to their NSV number, which means, in fact, ascending RA. This is not the case, however, for NSV 12754 and 12760 whose order should be inverted if we consider their RA.

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References:

- Lasker, B. Sturch, C., McLean, B.J. 1990. *Astron. J.* **99**, 2019.
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TABLE I
Identification of NSV with GSC Stars

NSV	GSC	RA			(1950.0) Dec		
		h	m	s	°	'	"
00029	6995.00681	0	3	48.01	-35	33	55.0
00336	7536.00245	0	51	12.67	-41	36	51.0
00646	5278.00260	1	50	31.67	- 8	19	7.6
01081	4708.00406	3	11	25.63	- 1	55	17.2
01754	4741.00842	4	50	38.74	- 3	34	46.1
01781	4749.00626	4	54	25.50	- 6	36	45.6
01855	5334.00355	5	7	34.96	- 9	40	38.9
02096	4770.00797	5	29	34.34	- 3	7	36.3
02592	5350.00429	5	40	13.79	-10	0	16.0
02871	4795.01414	6	10	23.85	- 6	12	21.1
03190	4803.01048	6	41	58.84	- 2	29	23.1
03270	4809.02563	6	51	59.10	- 4	16	56.4
03603	5400.02113	7	25	57.18	-10	53	0.0
03627	5401.00523	7	29	35.89	- 9	24	11.7
03775	5415.00892	7	50	20.94	-10	34	57.4
03811	4841.01247	7	52	57.29	- 3	38	17.2
03894	9205.01873	8	2	42.35	-74	24	58.1
04549	9196.03281	9	34	22.86	-68	10	26.3
04991	9220.00846	10	49	1.53	-72	28	40.3
05292	9515.00974	11	38	48.87	-86	52	48.3
05467	4945.00709	12	5	18.29	- 5	43	12.8
06052	8254.01530	12	58	4.15	-48	56	3.6
06067	8993.00070	13	0	5.02	-63	2	15.2
06100	8997.01684	13	4	47.71	-64	41	55.5
06122	9241.00824	13	8	4.94	-68	16	42.7
06169	8994.00555	13	14	43.48	-61	59	57.3
06203	8994.00991	13	18	33.46	-61	41	21.2
06276	8995.04687	13	27	11.63	-63	20	58.9
06280	9426.03715	13	28	35.15	-75	56	58.1
06285	9254.00001	13	28	36.69	-74	44	21.1
06970	9428.02825	15	7	48.88	-75	41	19.0

TABLE I (cont.)

NSV	GSC	RA			(1950.0) Dec		
		h	m	s	°	'	"
08128	5064.00040	16	59	19.98	- 0	40	1.9
08223	5069.01075	17	5	16.60	- 3	23	11.4
08236	5069.00146	17	6	34.44	- 2	30	45.5
08256	5073.01002	17	7	43.71	- 3	59	53.5
08351	5073.01000	17	11	15.66	- 3	56	22.8
08441	5066.00736	17	13	55.46	- 0	26	1.6
09151	5088.00340	17	30	28.46	- 4	7	17.1
09935	5087.01066	17	56	11.06	- 2	5	11.3
10539	5098.00585	18	15	44.43	- 0	8	9.0
10546	5098.00514	18	15	42.25	- 1	17	25.4
11496	8377.02574	18	51	27.38	-48	12	21.5
11845	5130.00079	19	12	42.17	- 1	25	4.5
12352	5153.01593	19	41	43.67	- 4	29	50.8
12424	5150.00762	19	46	18.88	- 2	58	52.1
12468	5150.02539	19	48	28.77	- 3	21	56.3
12469	5154.00683	19	48	35.35	- 5	24	9.7
12577	0481.02310	19	53	45.03	- 0	6	2.1
12642	5151.00071	19	56	41.83	- 2	1	4.8
12681	5164.00042	19	58	20.26	- 2	57	11.3
12733	5164.00426	20	0	30.31	- 2	20	2.4
12754	9532.01248	20	2	0.57	-87	52	24.1
12760	5160.00947	20	1	53.16	- 0	53	59.1
12769	5164.00607	20	2	32.33	- 2	27	18.2
13052	5171.00505	20	21	10.12	- 4	1	24.6
13302	7967.01220	20	45	34.16	-40	50	5.5
13923	5793.00822	21	51	4.50	- 9	56	34.8
14091	5806.00066	22	14	34.55	-11	44	41.7