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**Identification of Variable Stars in the Hubble Space  
Telescope Guide Star Catalogue**

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 confirmed variables (extracted from the General Catalogue of Variable Stars -GCVS stars) and Hubble Space Telescope Guide Star Catalogue (GSC) is herein presented.

Most of the stars discussed in this note are located either south of  $-67$  degrees or in the Pav area, so this report could be considered as an extension of Lopez's (1991), and Lopez and Girard's (1990) surveys.

The identification of the variables and GSC stars has been made following the procedure used by Lopez (1993).

Table I shows the identifications which have been found. The first column is the designation of the variable, the second one provides the GSC number which follows the format given by Lasker *et al.* (1990). The last two columns give the RA and Dec (B1950). 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 GCVS.

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References:

- Lasker, B., Sturch, C., McLean, B.J., *et al.* 1990. *Astron. J.* **99**, 2019.  
Lopez, C.E. 1991. *Inf. Bull. Var. Stars* No. 3681.  
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TABLE I  
Identification of GCVS with GSC Stars

Variable	GSC	RA			(1950.0) Dec		
		h	m	s	°	'	"
RW Aps	9261.00164	14	27	4.13	-70	33	26.5
RX Aps	9261.00204	14	27	18.20	-70	34	5.3
RY Aps	9265.01877	14	28	30.64	-71	42	47.0
RZ Aps	9265.01797	14	28	36.50	-71	43	25.5
SS Aps	9265.01104	14	29	42.93	-72	42	35.1
SV Aps	9265.01665	14	33	57.50	-72	18	40.7
SW Aps	9265.02113	14	34	3.50	-71	5	46.7
SX Aps	9265.02226	14	34	18.53	-71	25	43.1
SY Aps	9265.00960	14	34	34.72	-72	36	39.2
TU Aps	9261.01416	14	35	44.75	-70	32	30.7
TX Aps	9266.01835	14	43	7.54	-72	35	6.1
TY Aps	9266.02648	14	44	6.03	-71	7	12.1
UX Aps	9262.01517	14	47	37.76	-70	41	16.3
AR Aps	9268.01019	15	38	52.25	-72	15	48.8
DX Aps	9444.01088	17	20	21.69	-76	36	9.9
AS Cha	9412.00496	12	27	2.65	-76	29	10.7
VV Hyi	9159.01575	3	58	47.34	-73	19	48.1
RT Oct	9533.01276	22	52	21.08	-87	19	15.2
SX Oct	9484.01042	23	11	55.57	-79	5	11.5
UU Oct	9464.00559	19	55	10.90	-77	18	17.5

TABLE I (cont.)

Variable	GSC	RA			(1950.0) Dec		
		h	m	s	°	'	"
BP Pav	9097.01105	19	53	16.27	-65	52	12.9
BQ Pav	9311.00866	19	54	57.80	-70	1	5.8
BT Pav	9104.00623	20	46	46.26	-63	52	44.7
DK Pav	8786.00140	19	37	21.87	-58	42	56.2
DH Pav	9078.00850	18	57	57.74	-64	50	28.9
DM Pav	9102.00966	21	17	4.70	-61	47	9.6
W Tuc	8845.00285	0	56	9.05	-63	39	55.0
UY Tuc	8840.00228	0	12	44.86	-60	30	5.1
UZ Tuc	8470.01028	0	13	15.55	-59	9	40.8
VX Tuc	8471.00935	0	24	.63	-59	30	18.6
VY Tuc	8841.01540	0	24	43.92	-61	5	2.4
WX Tuc	8842.00750	1	1	1.62	-62	2	10.0
WZ Tuc	8480.00869	1	13	9.08	-59	36	23.8
XX Tuc	8849.01424	1	14	57.42	-61	16	51.9
YY Tuc	8837.00411	23	8	3.14	-58	36	24.7
YZ Tuc	8834.01290	23	12	5.46	-57	29	33.8
ZZ Tuc	9120.00572	22	13	35.89	-64	8	3.8
AA Tuc	9117.01111	22	18	22.03	-60	42	21.7
AB Tuc	9132.00686	23	20	40.34	-66	38	23.6
AC Tuc	8838.00871	23	35	17.46	-59	43	6.7
AE Tuc	8845.00834	0	47	54.37	-62	54	26.5
AO Tuc	8470.00493	0	1	34.09	-59	45	47.3
BB Tuc	8849.00166	1	8	47.51	-60	35	23.5