COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS

Number 3681

Konkoly Observatory
Budapest
12 November 1991

HU ISSN 0374 - 0676

Improved Positions of Variable Stars in Northern Pavo

As part of a program conducted to revise and improve the coordinates of variable and suspected variable stars located in the southern hemisphere, accurate positions for confirmed variables in the northern part of Pavo are herein presented. The objects in this constellation located to the south of -67 degrees, have already been discused by Lopez and Girard (1990).

The methods, procedures as well as a general description of the project can be found in Lopez (1990) and Lopez and Girard (1990).

Table I contains the newly determined positions. For each variable we have listed the name of the variable star, the new RA and Dec (equinox B1950.0 -epoch between 1966.6 and 1973.8- and average standard error of 0.7 " for both coordinates). The differences between our new positions and those quoted in the GCVS IV range from -0.239 to +0.165 minutes of time in RA and from -0.569 to +0.956 minutes of arc in Dec.

Considering the 133 objects reported in Table I plus the 950 already published by Lopez and Girard (1990), the total number of variable stars for which we have been able to improve coordinates is now 1083.

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References:

Lopez, C.E. 1990 J. Am. Asoc. Variable Star Obs. **18**, No. 2, 139.

Lopez, C.E., and Girard, T.M. 1990 Publ. Astron. Soc. Pac. **102**, 1018

TABLE I

Improved Positions in Northern Pavo

Variable	RA (1950.0) h	m	s	Dec °	'	"	Variable	RA (1950.0) h	m	s	Dec °	'	"
R	18	8	4.73	-63	37	43.8	YZ	17	57	28.70	-58	7	12.0
U	20	51	23.11	-62	53	46.2	AA	17	58	39.76	-59	3	16.5
V	17	38	59.78	-57	42	3.6	AB	17	59	36.80	-58	53	47.5
W	17	45	45.37	-62	23	41.0	AD	18	3	4.93	-61	14	19.9
X	20	7	34.18	-60	5	8.6	AF	18	6	23.96	-62	19	5.7
Z	19	30	54.53	-62	52	7.8	AG	18	7	43.29	-62	34	6.4
RS	18	2	57.14	-58	58	5.3	AH	18	9	27.08	-59	2	27.0
RV	18	5	6.99	-59	27	55.3	AI	17	38	13.21	-57	37	9.6
SZ	17	37	5.77	-59	54	16.2	AN	17	53	54.44	-57	1	9.8
TT	17	37	22.92	-57	43	48.6	AO	17	58	21.22	-57	16	4.4
TX	17	43	15.69	-60	4	0.5	AP	17	59	15.75	-62	56	49.3
TY	17	44	0.52	-62	34	59.6	AQ	18	0	23.53	-60	2	16.0
UU	17	45	47.43	-60	0	9.0	AR	18	15	23.84	-66	6	1.1
UV	17	46	47.65	-62	6	1.5	AT	18	13	12.43	-60	17	27.9
UW	17	46	55.29	-61	5	47.4	AU	18	17	53.64	-57	1	39.2
UX	17	47	6.29	-61	52	12.9	AV	18	20	38.21	-58	45	11.8
UY	17	47	6.68	-61	6	54.3	AW	18	23	5.86	-59	16	11.7
VV	17	47	15.89	-61	14	35.6	AX	18	24	34.95	-59	27	4.4
VX	17	48	47.33	-61	53	7.5	AY	18	25	52.56	-58	1	16.3
VY	17	49	23.55	-59	19	24.2	BB	18	30	24.68	-59	16	51.5
VZ	17	50	25.93	-61	35	34.3	BD	18	38	54.77	-57	33	43.1
WW	17	51	6.68	-59	33	59.8	BE	18	40	14.24	-60	8	56.6
WX	17	51	29.06	-59	16	40.2	BF	18	41	13.53	-59	41	35.5
WY	17	51	55.13	-57	9	17.3	BH	18	29	41.85	-65	29	23.4
WZ	17	52	19.47	-59	53	30.0	BM	19	23	42.31	-62	54	57.4
XY	17	53	45.84	-57	36	24.9	BN	19	33	40.88	-60	43	26.4
XZ	17	54	4.83	-59	10	41.8	BW	17	38	49.25	-59	0	54.5
YY	17	56	23.86	-58	26	18.4	BX	17	39	33.58	-59	29	47.5

TABLE I (cont.)

Variable	RA (1950.0) h	m	s	Dec °	'	"	Variable	RA (1950.0) h	m	s	Dec °	'	"
BZ	17	45	35.77	-60	4	28.9	GM	19	53	17.11	-61	7	25.7
CD	17	50	38.27	-58	51	50.6	GO	19	53	56.02	-57	24	57.3
CE	17	50	57.16	-61	4	6.3	GU	20	3	50.68	-59	0	43.5
CF	17	56	22.29	-57	54	2.1	GV	20	4	17.68	-60	38	1.8
CG	17	56	34.17	-57	47	18.1	GW	20	4	34.58	-57	7	29.9
CI	17	58	7.80	-60	20	20.0	GZ	20	6	9.57	-60	17	30.3
CK	18	4	32.33	-60	13	42.0	HI	20	9	15.00	-59	14	56.5
CL	17	41	3.01	-59	40	39.1	HT	20	13	45.05	-60	46	15.9
CP	18	5	34.90	-57	1	27.2	HV	20	15	6.54	-56	58	58.3
CR	18	8	57.15	-57	6	17.0	HZ	20	17	16.69	-61	9	22.0
CS	18	9	33.96	-59	12	19.6	IM	20	19	42.20	-57	43	15.9
CT	18	11	5.01	-59	39	15.1	IQ	20	22	32.56	-58	21	28.1
CV	18	19	46.61	-58	25	28.5	IT	20	26	41.05	-60	10	22.4
CW	18	25	11.92	-59	22	51.1	IX	20	28	55.52	-61	23	32.0
CX	18	31	16.51	-57	31	38.7	KS	20	42	13.95	-60	24	16.6
CY	18	40	19.05	-57	57	53.5	KU	20	45	21.77	-60	55	54.5
CZ	18	46	57.39	-58	54	18.5	LU	19	45	3.26	-58	44	51.2
DF	18	14	3.08	-65	36	45.6	LV	19	46	35.36	-58	39	56.7
DI	19	33	12.10	-57	4	36.5	LW	19	49	3.56	-58	2	6.6
DL	19	37	56.15	-60	11	20.4	LX	19	51	4.77	-57	10	59.8
DP	18	21	24.12	-64	59	22.2	MM	19	54	36.77	-58	56	55.3
DQ	18	36	23.44	-57	45	51.7	MQ	20	2	16.44	-57	33	25.4
FO	19	47	12.93	-62	51	47.3	MU	20	31	14.01	-61	13	48.0
FU	19	50	9.06	-58	22	14.3	MX	18	19	21.23	-63	58	29.4
FV	19	50	19.55	-59	48	1.2	MY	18	27	40.56	-58	55	34.6
FW	19	50	37.81	-60	36	38.1	MZ	19	7	40.96	-61	21	26.7
FX	19	50	38.96	-60	33	46.6	NN	19	11	34.40	-66	33	46.2
GK	19	52	42.11	-59	37	24.6	NO	19	54	40.04	-62	25	0.9
GL	19	52	53.49	-57	36	44.8	NT	17	55	9.81	-57	35	38.0

TABLE I (cont.)

Variable	RA (1950.0)			Dec		
	h	m	s	°	'	"
NW	18	8	36.11	-65	15	3.7
NX	18	36	31.80	-63	4	57.4
OP	17	38	13.11	-58	15	19.0
OR	17	44	20.59	-61	4	45.5
OS	17	46	15.72	-59	47	56.3
OT	17	47	36.89	-59	49	54.5
OU	17	47	41.45	-60	42	9.4
OW	17	53	11.40	-63	37	40.7
OX	17	52	50.27	-57	48	14.4
OZ	18	1	0.58	-59	47	29.5
PP	18	17	9.02	-59	27	15.9
PR	18	24	43.45	-62	48	23.6
PS	18	31	41.86	-58	28	35.3
PT	18	36	39.31	-62	38	47.0
QR	19	31	13.80	-61	25	55.7
QY	19	49	28.87	-59	27	59.4
V337	20	43	57.90	-62	15	52.0
V340	19	19	42.39	-60	59	28.6
V342	20	36	57.95	-61	46	11.1