

β or Inn.	Mor.	T	P	a	e	i	Ω	ω	Eph.	Auth.	Ref.
7878 AB	r	Σ 2130, μ Draconis.	17 ^h 3 ^m 3 + 54° 36' 1".	5 ^m 0, 5 ^m 1.	F5.				1884-1944	Berb	AN 2582 1884
			648 ^o	—	0.49	0°	—	275° 43'			
13364	r	Hu 1176, ϵ Herculis.	17 ^h 4 ^m 5 + 36° 4'.	6 ^m 1, 6 ^m 1.	A5.				1924-29	A	LB348(=PP203) 1923
			15.5	0° 16'	0.14	56.0	90° 8'	308.4			
17 ^h 31	d	Russell 297, 4 g Arae.	17 ^h 11 ^m 5 - 46° 32'.	5 ^m 6, 8 ^m 4.	Ko.				1920-40	Bos	Neth. 45 1923
			1912.61	100.9	3.0	0.17	39.75	132.06	13.16		
		According to the author these elements are erroneous. Vide Neth. 101									
7929	r	β 416, Scorpii 185 B.	17 ^h 12 ^m 2 - 34° 52' 7".	6 ^m 0, 8 ^m 5.	K5.						
			1892.00	34.85	1.52	0.65	45.4	104.3	300.7	Gla	AA 12 1893
			1891.85	34.48	2.13	0.56	56.73	139.43	278.25	Gore	MN 53 1893
			1892.26	24.7	1.46	0.56	44.4	122.0	93.5	β	LP 2 1894
			1892.15	27.66	2.04	0.44	59.77	153.30	255.80	Gla	Proc. N.S.W. 38 1894
			1891.85	33.0	1.22	0.51	37.35	144.6	86.1	See	Ev. (=AJ 372) 1895
			1891.56	45.90	1.93	0.62	49.73	135.73	291.43	Dob	AN 3908 1908
			1891.45	41.47	1.86	0.55	49.0	131.0	64.0	Voûte	MN 68 1908
			1891.64	35.65	1.91	0.53	56.96	322.59	102.40	Lh	Pots. 58 1908
			1891.48	42.2	1.83	0.55	50.4	130.2	296.0	Voûte	Neth. 70 1924
7936	d	$O\Sigma$ 327.	17 ^h 12 ^m 3 + 56° 12' 5".	7 ^m 6, 7 ^m 9.	F2.				1920-30	Jck	MN 80 (=Gr.) 1920
			—	—	0.26	0.80	—	—	—		
8038	r	Σ 2173, Ophiuchi 221 B.	17 ^h 25 ^m 2 - 0° 58'.	6 ^m 0, 6 ^m 2.	G5.						
			1872.91	45.43	1.01	0.14	80.53	152.65	7.26	Du	Et. d. 1876
			1872.52	45.35	0.99	0.11	80.76	152.53	5.73	Lewi	AN 3330 ¹⁾ 1895
			1869.50	46.0	1.14	0.20	80.75	153.7	322.2	See	AN 3311 (=Ev) 1895
			1871.6	46.3	—	0.14	—	—	—	L	MRAS 56 1906
			1867.08	46.23	—	0.18	81.82	152.85	49.82	Dob	AN 4169 1907
			1867.88	46.20	1.06	0.14	80.93	153.50	43.00	—	AN 4169 1907
			1869.0	46.3	1.10	0.16	81.28	153.89	38.25	Lh	Pots. 58 1908
			1915.2	46.0	1.06	0.18	80.75	153.7	322.2	A	LP 12 1914
8099	r	β 962, 26 Draconis.	17 ^h 33 ^m 9 + 61° 57'.	5 ^m 3, 10 ^m 0.	F8.						
			1898.11	197.3	1.91	0.52	61.47	146.35	279.71	Bal	AN 4291 1908
			1893.3	111.	1.56	0.23	112.8	153.8	65.5	Russ	PA 25.668 1917
8162 BC	d	μ Herc., A.C. 7.	17 ^h 42 ^m 6 + 27° 47'.	10 ^m , 10 ^m 5.	M6.						
			1877.13	54.25	1.46	0.30	60.72	57.95	156.35	Dob	AN 2287 1879
			1880.142	45.39	1.37	0.21	67.01	62.11	181.97	Leusch	PP 1889
			1839.585	48.65	1.28	0.15	65.18	63.38	182.05	Cel	AN 2949 1890
			1880.43	42.09	1.36	0.17	63.82	62.65	183.87	Hall	AJ 324 1894
			1879.80	45.0	1.39	0.22	64.28	61.4	180.0	See	Ev. 1895
			1881.4	43.5	1.45	0.25	46.0	66.7	157.9	L	MRAS 56 1904
			1880.12	45.35	—	0.24	66.45	64.17	176.08	Dob	AN 4170 1907
			1879.53	44.20	1.37	0.20	66.38	62.20	176.02	Dob	AN 4170 1907
			1880.21	44.67	1.25	0.23	64.5	63.3	180.0	Lh	Pots. 58 1908
			1880.20	43.23	1.30	0.20	63.15	60.8	182.0	A	LP 12 1914
			1880.12	43.30	1.39	0.24	67.1	58.1	187.7	Selga	Rev. S.A.E. 68.11 1915
			1881.99	47.07	1.32	0.25	65.8	58.5	208.6	Selga	—
8303	d	Σ 2262, r Ophiuchi.	17 ^h 57 ^m 6 - 8° 11'.	5 ^m 34, 6 ^m 04.	Fo.				1850-70		
			1840.07	87.036	0.82	0.04	51.78	55.08	145.67	Mä	Fix. I 1847
			1824.8	120.0	—	0.58	48.5	130.0	146.1	Hi	MN 9 1849
			1820.63	185.2	1.11	0.58	53.08	69.52	28.58	Dob	AN 2037 1877
			1818.50	217.87	1.19	0.61	46.13	67.02	36.43	Dob	AN 2041 1877
			1815.0	230.0	1.25	0.59	57.6	76.4	18.05	See	Ev. 1895
		Elements indeterminate									
			1815.95	232.43	1.33	0.53	66.65	77.45	17.30	β	PA 4 1896
			1814.79	223.82	1.31	0.53	66.07	76.20	17.75	Dob	AN 4063 1905
			1820.15	216.37	1.35	0.51	68.87	74.43	25.58	—	—
			1823.35	205.40	1.37	0.51	70.68	71.18	34.78	—	—

1) Originally published in Russian.