2020	α_{2000}	δ_{2000}	Δ	r	β	V
153377	2001 QY_{22}		3 9.9	153.°78	0.°1/10.1	18
	h m	° ′			°	m
2 1	11 49.46	+ 0 9.6	1.887	2.666	15.5	20.7
2 11	11 44.87	+ 0 46.2	1.805	2.675	12.2	20.4
2 21	11 37.95	+ 1 39.1	1.744	2.684	8.2	20.2
3 2	11 29.27	+ 2 44.3	1.710	2.691	3.8	20.0
3 12	11 19.77	+ 3 55.2	1.705	2.698	0.9	19.8
3 22	11 10.50	+ 5 4.4	1.729	2.704	5.4	20.1
4 1	11 2.46	+ 6 5.0	1.781	2.710	9.7	20.4
4 11	10 56.43	+ 6 52.0	1.858	2.714	13.3	20.6
110065	2001 SU_{109}		3 9.9	51.°76	6.°5/ 3.7	18
2 1	11 53.09	+24 38.5	2.301	3.104	12.3	18.5
2 11	11 47.31	+25 16.1	2.229	3.105	9.9	18.3
2 21	11 39.35	+25 48.8	2.181	3.105	7.7	18.2
3 2	11 29.82	+26 10.0	2.160	3.106	6.6	18.1
3 12	11 19.66	+26 14.1	2.168	3.107	7.2	18.2
3 22	11 9.84	+25 58.0	2.203	3.107	9.2	18.3
4 1	11 1.29	+25 21.5	2.264	3.108	11.6	18.4
4 11	10 54.67	+24 26.7	2.348	3.109	13.9	18.6
289890	2005 MK_{32}		3 9.9	210.°60	1.°2/ 8.5	17
2 1	11 45.06	+ 6 51.7	2.991	3.774	10.2	21.2
2 11	11 40.68	+ 7 17.9	2.891	3.767	7.9	21.0
2 21	11 34.78	+ 7 50.5	2.817	3.760	5.2	20.9
3 2	11 27.76	+ 8 26.6	2.771	3.753	2.3	20.6
3 12	11 20.19	+ 9 2.1	2.756	3.745	1.6	20.6
3 22	11 12.69	+ 9 33.4	2.772	3.737	4.4	20.8
4 1	11 5.88	+ 9 57.5	2.817	3.729	7.2	20.9
4 11	11 0.29	+10 11.9	2.888	3.720	9.8	21.1
422789	2001 WC_{17}		3 9.9	107.°02	0.°5/ 9.5	18
2 1	11 48.48	+ 3 9.6	2.005	2.791	14.4	21.9
2 11	11 43.87	+ 3 37.4	1.932	2.808	11.2	21.7
2 21	11 37.12	+ 4 17.3	1.882	2.825	7.4	21.5
3 2	11 28.85	+ 5 5.0	1.859	2.841	3.3	21.2
3 12	11 19.93	+ 5 54.6	1.865	2.857	1.2	21.1
3 22	11 11.31	+ 6 40.3	1.900	2.873	5.3	21.4
4 1	11 3.88	+ 7 17.2	1.963	2.888	9.1	21.7
4 11	10 58.31	+ 7 41.8	2.050	2.903	12.4	21.9
89549	2001 XS_{97}		3 9.9	149.°08	0.°7/10.7	18
2 1	11 47.62	− 0 26.6	2.382	3.146	13.0	20.2
2 11	11 42.94	− 0 5.5	2.295	3.157	10.3	20.1
2 21	11 36.41	+ 0 28.3	2.232	3.166	7.0	19.9
3 2	11 28.52	+ 1 12.0	2.196	3.175	3.4	19.6
3 12	11 20.01	+ 2 1.2	2.191	3.184	0.8	19.5
3 22	11 11.67	+ 2 50.8	2.215	3.191	4.3	19.7
4 1	11 4.28	+ 3 36.0	2.269	3.198	7.8	20.0
4 11	10 58.48	+ 4 12.7	2.348	3.205	10.9	20.2
284382	2006 SV_{352}		3 9.9	108.°81	1.°5/11.9	18
2 1	11 43.86	− 3 41.9	2.658	3.410	12.1	21.4
2 11	11 39.84	− 3 27.4	2.574	3.424	9.7	21.3
2 21	11 34.24	− 3 0.0	2.513	3.438	6.8	21.1
3 2	11 27.50	− 2 21.6	2.479	3.452	3.7	20.9
3 12	11 20.27	− 1 35.8	2.475	3.466	1.5	20.8
3 22	11 13.20	− 0 46.8	2.501	3.479	3.7	20.9
4 1	11 6.95	+ 0 0.8	2.557	3.492	6.7	21.2
4 11	11 2.04	+ 0 42.8	2.639	3.505	9.5	21.4
124191	2001 OO_{63}		3 9.9	136.°88	3.°9/ 6.5	18
2 1	11 51.21	+10 44.4	1.730	2.539	15.4	20.5
2 11	11 46.40	+11 50.3	1.661	2.552	11.8	20.3
2 21	11 39.03	+13 5.0	1.616	2.564	7.9	20.0
3 2	11 29.77	+14 20.3	1.597	2.575	4.5	19.9
3 12	11 19.70	+15 27.1	1.607	2.586	4.7	19.9
3 22	11 9.98	+16 18.1	1.644	2.596	8.2	20.1
4 1	11 1.72	+16 48.7	1.708	2.605	12.0	20.4
4 11	10 55.71	+16 57.9	1.793	2.613	15.3	20.6
64955	2001 YO_{128}		3 9.9	149.°87	2.°8/ 7.5	18
2 1	11 52.22	+ 9 18.4	1.896	2.695	14.6	20.1
2 11	11 46.98	+10 3.6	1.820	2.705	11.3	19.9
2 21	11 39.32	+10 57.4	1.768	2.715	7.5	19.6
3 2	11 29.89	+11 53.3	1.743	2.724	3.8	19.4
3 12	11 19.67	+12 44.1	1.748	2.732	3.5	19.4
3 22	11 9.75	+13 23.5	1.781	2.739	7.0	19.7
4 1	11 1.17	+13 47.3	1.841	2.746	10.8	19.9
4 11	10 54.69	+13 53.7	1.925	2.752	14.1	20.1
157343	2004 TU_{61}		3 9.9	157.°81	0.°3/10.3	18
2 1	11 45.04	− 0 1.0	2.256	3.031	13.4	20.9
2 11	11 41.11	+ 0 34.0	2.168	3.036	10.5	20.7
2 21	11 35.28	+ 1 23.1	2.103	3.041	7.1	20.5
3 2	11 28.04	+ 2 22.7	2.065	3.045	3.3	20.2
3 12	11 20.13	+ 3 27.6	2.056	3.049	0.7	20.0
3 22	11 12.37	+ 4 31.8	2.077	3.052	4.6	20.3
4 1	11 5.56	+ 5 29.5	2.126	3.055	8.3	20.5
4 11	11 0.34	+ 6 16.3	2.201	3.058	11.5	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
322828	2001 SD_{294}		3 9.9	149.°07	0.°8/10.9	18
	h m	° ′			°	m
2 1	11 47.19	− 1 48.4	2.508	3.265	12.7	22.1
2 11	11 42.51	− 1 18.1	2.421	3.278	10.0	21.9
2 21	11 36.08	− 0 34.3	2.358	3.289	6.8	21.8
3 2	11 28.37	+ 0 20.0	2.323	3.300	3.4	21.6
3 12	11 20.08	+ 1 20.5	2.317	3.310	0.9	21.4
3 22	11 11.96	+ 2 21.8	2.343	3.319	4.1	21.6
4 1	11 4.74	+ 3 18.8	2.398	3.328	7.4	21.8
4 11	10 59.01	+ 4 7.2	2.480	3.335	10.4	22.1
345628	2006 SO_{300}		3 9.9	114.°37	1.°8/ 7.7	17
2 1	11 44.44	+ 7 59.1	2.744	3.535	10.8	21.9
2 11	11 40.21	+ 8 42.0	2.670	3.552	8.3	21.8
2 21	11 34.44	+ 9 31.4	2.621	3.568	5.4	21.6
3 2	11 27.59	+10 23.0	2.602	3.583	2.6	21.4
3 12	11 20.28	+11 12.1	2.612	3.598	2.2	21.4
3 22	11 13.18	+11 54.5	2.653	3.613	4.9	21.6
4 1	11 6.89	+12 26.8	2.722	3.628	7.7	21.8
4 11	11 1.94	+12 47.1	2.817	3.642	10.2	22.0
170232	2003 QG_{22}		3 9.9	162.°29	2.°2/12.1	18
2 1	11 47.38	− 5 12.1	1.926	2.686	15.9	20.9
2 11	11 43.30	− 4 53.5	1.837	2.691	12.8	20.7
2 21	11 36.95	− 4 15.4	1.769	2.695	9.1	20.5
3 2	11 28.87	− 3 19.8	1.727	2.699	5.1	20.3
3 12	11 19.95	− 2 11.7	1.712	2.703	2.2	20.1
3 22	11 11.18	− 0 57.9	1.727	2.706	5.0	20.3
4 1	11 3.55	+ 0 13.9	1.769	2.708	9.0	20.5
4 11	10 57.85	+ 1 17.0	1.837	2.710	12.7	20.7
246037	2006 UB_{150}		3 9.9	141.°19	4.°5/ 3.5	17
2 1	11 43.45	+17 25.9	2.736	3.547	10.3	21.4
2 11	11 39.58	+18 43.4	2.666	3.555	8.0	21.2
2 21	11 34.11	+20 2.5	2.623	3.562	5.8	21.1
3 2	11 27.47	+21 17.3	2.608	3.569	4.5	21.0
3 12	11 20.31	+22 21.8	2.622	3.576	5.2	21.1
3 22	11 13.32	+23 11.5	2.666	3.582	7.3	21.2
4 1	11 7.14	+23 43.8	2.736	3.589	9.5	21.4
4 11	11 2.33	+23 58.0	2.829	3.594	11.6	21.5
354706	2005 RO_{29}		3 9.9	212.°11	5.°5/18.9	18
2 1	11 42.38	−22 7.6	3.313	3.939	12.1	21.5
2 11	11 38.63	−22 8.2	3.196	3.931	10.6	21.4
2 21	11 33.45	−21 50.5	3.097	3.923	8.9	21.2
3 2	11 27.19	−21 13.3	3.023	3.914	7.2	21.1
3 12	11 20.38	−20 17.6	2.975	3.905	5.9	21.0
3 22	11 13.60	−19 6.0	2.956	3.896	5.6	21.0
4 1	11 7.43	−17 42.8	2.967	3.886	6.6	21.0
4 11	11 2.39	−16 13.6	3.005	3.875	8.4	21.1
334629	2002 VU_{78}		3 9.9	112.°88	0.°8/11.1	18
2 1	11 44.62	− 2 3.9	2.748	3.504	11.7	21.9
2 11	11 40.32	− 1 33.3	2.670	3.526	9.2	21.8
2 21	11 34.51	− 0 50.6	2.616	3.547	6.3	21.6
3 2	11 27.62	+ 0 1.5	2.590	3.567	3.2	21.4
3 12	11 20.29	+ 0 58.9	2.594	3.587	0.9	21.3
3 22	11 13.16	+ 1 56.9	2.629	3.606	3.7	21.5
4 1	11 6.84	+ 2 51.0	2.694	3.625	6.7	21.8
4 11	11 1.84	+ 3 37.6	2.786	3.643	9.3	22.0
288683	2004 PG_{96}		3 9.9	233.°05	0.°7/10.6	17
2 1	11 48.91	− 0 35.1	1.818	2.597	15.9	21.9
2 11	11 44.83	− 0 13.1	1.715	2.585	12.7	21.7
2 21	11 38.22	+ 0 26.5	1.634	2.572	8.8	21.4
3 2	11 29.56	+ 1 20.9	1.578	2.558	4.2	21.1
3 12	11 19.76	+ 2 24.4	1.551	2.544	1.0	20.8
3 22	11 9.95	+ 3 29.8	1.552	2.529	5.7	21.1
4 1	11 1.27	+ 4 29.5	1.580	2.513	10.3	21.4
4 11	10 54.67	+ 5 17.1	1.632	2.497	14.4	21.6
241557	2010 GL_{31}		3 10.0	350.°80	5.°1/ 6.2	18
2 1	11 45.47	+11 9.2	1.233	2.075	18.4	20.8
2 11	11 43.06	+12 14.9	1.163	2.071	14.3	20.5
2 21	11 37.43	+13 33.1	1.113	2.068	9.6	20.2
3 2	11 29.26	+14 53.6	1.086	2.066	5.7	20.0
3 12	11 19.86	+16 3.8	1.084	2.064	6.2	20.0
3 22	11 10.76	+16 53.1	1.106	2.063	10.5	20.3
4 1	11 3.42	+17 15.4	1.150	2.063	15.2	20.5
4 11	10 58.89	+17 9.5	1.213	2.063	19.3	20.8
64430	2001 VK_9		3 10.0	18.°65	2.°0/ 8.2	18
2 1	11 46.11	+ 6 43.8	1.735	2.545	15.3	19.4
2 11	11 42.55	+ 7 21.0	1.655	2.546	11.8	19.1
2 21	11 36.55	+ 8 9.9	1.597	2.547	7.8	18.9
3 2	11 28.72	+ 9 4.7	1.565	2.549	3.6	18.6
3 12	11 20.01	+ 9 58.1	1.561	2.550	2.7	18.6
3 22	11 11.52	+10 43.1	1.584	2.552	6.8	18.8
4 1	11 4.30	+11 14.1	1.633	2.553	10.9	19.1
4 11	10 59.16	+11 28.2	1.704	2.555	14.6	19.3

419840 2010 XA_{85} 3 10.0 202.°89 3.°5/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.85	+10 22.0	1.958	2.768	13.8	21.1
2 11	11 42.91	+11 24.1	1.874	2.766	10.7	20.8
2 21	11 36.71	+12 35.3	1.814	2.763	7.1	20.6
3 2	11 28.78	+13 48.7	1.781	2.760	4.0	20.4
3 12	11 20.01	+14 56.4	1.776	2.756	4.2	20.4
3 22	11 11.40	+15 51.2	1.800	2.752	7.5	20.6
4 1	11 3.92	+16 28.2	1.850	2.748	11.1	20.8
4 11	10 58.34	+16 45.3	1.922	2.743	14.4	21.0

200714 2001 UP_{165} 3 10.0 216.°85 3.°0/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.46	+ 8 18.7	1.875	2.678	14.6	20.8
2 11	11 45.14	+ 9 20.7	1.782	2.670	11.3	20.6
2 21	11 38.34	+10 34.7	1.712	2.660	7.5	20.3
3 2	11 29.59	+11 54.1	1.669	2.650	3.9	20.1
3 12	11 19.81	+13 10.4	1.655	2.639	3.8	20.1
3 22	11 10.09	+14 15.4	1.670	2.627	7.5	20.3
4 1	11 1.55	+15 2.9	1.711	2.614	11.6	20.5
4 11	10 55.06	+15 29.8	1.775	2.601	15.2	20.7

21192 Seccisergio 3 10.0 270.°48 3.°8/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.74	+ 9 45.2	1.690	2.509	15.3	18.8
2 11	11 42.52	+10 53.1	1.601	2.498	11.8	18.5
2 21	11 36.73	+12 13.1	1.535	2.486	7.9	18.3
3 2	11 28.90	+13 37.7	1.494	2.474	4.4	18.0
3 12	11 20.00	+14 57.1	1.481	2.462	4.7	18.0
3 22	11 11.16	+16 2.3	1.495	2.450	8.5	18.2
4 1	11 3.58	+16 46.7	1.534	2.438	12.7	18.4
4 11	10 58.15	+17 7.6	1.595	2.426	16.4	18.6

429532 2011 BW_{95} 3 10.0 251.°49 5.°3/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.83	−10 17.7	2.085	2.808	15.9	21.3
2 11	11 45.29	−11 4.8	1.979	2.799	13.4	21.1
2 21	11 38.41	−11 35.4	1.893	2.789	10.4	20.9
3 2	11 29.64	−11 47.4	1.831	2.779	7.4	20.7
3 12	11 19.81	−11 41.2	1.797	2.769	5.4	20.5
3 22	11 9.92	−11 19.5	1.791	2.758	6.2	20.6
4 1	11 1.02	−10 47.1	1.813	2.747	9.1	20.7
4 11	10 53.99	−10 10.4	1.860	2.736	12.4	20.9

294148 2007 TR_{318} 3 10.0 319.°13 5.°7/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 41.24	−15 28.5	2.133	2.843	16.0	20.3
2 11	11 38.53	−15 37.5	2.030	2.835	13.7	20.1
2 21	11 33.80	−15 23.5	1.946	2.827	10.9	19.9
3 2	11 27.50	−14 45.3	1.884	2.820	8.1	19.7
3 12	11 20.36	−13 44.4	1.849	2.813	6.0	19.6
3 22	11 13.26	−12 25.7	1.840	2.806	6.2	19.5
4 1	11 7.08	−10 56.3	1.859	2.800	8.5	19.7
4 11	11 2.56	− 9 24.7	1.904	2.794	11.5	19.8

471131 2010 DZ_{50} 3 10.0 270.°67 2.°5/ 6.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.16	+ 7 58.3	2.457	3.258	11.6	22.1
2 11	11 38.95	+ 9 10.9	2.351	3.239	8.9	21.9
2 21	11 33.94	+10 34.3	2.270	3.219	5.9	21.7
3 2	11 27.53	+12 3.1	2.218	3.199	3.1	21.5
3 12	11 20.36	+13 30.5	2.196	3.178	3.2	21.4
3 22	11 13.18	+14 49.7	2.204	3.158	6.2	21.6
4 1	11 6.75	+15 55.2	2.239	3.137	9.5	21.8
4 11	11 1.74	+16 43.5	2.299	3.116	12.5	21.9

127883 2003 GB_6 3 10.0 347.°79 4.°0/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.16	+10 44.3	1.253	2.088	18.7	19.4
2 11	11 45.93	+11 12.9	1.180	2.083	14.5	19.2
2 21	11 39.37	+11 51.4	1.126	2.080	9.8	18.9
3 2	11 30.19	+12 31.9	1.095	2.077	5.1	18.6
3 12	11 19.71	+13 4.7	1.089	2.074	4.8	18.6
3 22	11 9.54	+13 21.8	1.107	2.073	9.3	18.8
4 1	11 1.21	+13 18.2	1.149	2.071	14.3	19.1
4 11	10 55.77	+12 52.9	1.210	2.071	18.6	19.4

30158 Mabdulla 3 10.0 237.°41 0.°5/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.13	+ 3 4.2	2.466	3.249	12.1	20.1
2 11	11 40.36	+ 3 36.1	2.365	3.240	9.5	19.9
2 21	11 34.80	+ 4 19.0	2.288	3.231	6.3	19.7
3 2	11 27.90	+ 5 9.6	2.239	3.221	2.8	19.5
3 12	11 20.29	+ 6 3.0	2.219	3.211	1.1	19.3
3 22	11 12.74	+ 6 54.2	2.229	3.201	4.7	19.6
4 1	11 6.00	+ 7 38.4	2.267	3.191	8.1	19.8
4 11	11 0.69	+ 8 11.8	2.331	3.180	11.2	19.9

249584 1995 UP_{10} 3 10.0 163.°45 2.°1/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.76	− 4 51.7	1.924	2.686	15.8	21.1
2 11	11 42.85	− 4 31.9	1.835	2.690	12.7	20.9
2 21	11 36.69	− 3 52.8	1.767	2.694	9.0	20.7
3 2	11 28.80	− 2 56.4	1.724	2.697	5.0	20.5
3 12	11 20.07	− 1 47.9	1.709	2.700	2.1	20.3
3 22	11 11.49	− 0 34.1	1.723	2.702	5.0	20.5
4 1	11 4.04	+ 0 37.3	1.765	2.704	9.0	20.7
4 11	10 58.49	+ 1 39.8	1.832	2.705	12.7	20.9

344506 2002 QN_{152} 3 10.0 119.°44 2.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.12	+ 6 46.4	1.539	2.344	17.2	21.5
2 11	11 48.15	+ 7 25.3	1.472	2.360	13.3	21.3
2 21	11 40.35	+ 8 16.5	1.426	2.374	8.7	21.0
3 2	11 30.46	+ 9 13.3	1.406	2.388	4.0	20.8
3 12	11 19.68	+10 7.1	1.413	2.402	3.0	20.8
3 22	11 9.34	+10 50.5	1.448	2.415	7.4	21.1
4 1	11 0.65	+11 17.8	1.509	2.427	11.8	21.3
4 11	10 54.48	+11 26.9	1.592	2.439	15.6	21.6

506053 2015 KC_{129} 3 10.0 222.°27 0.°7/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.27	+ 3 38.0	2.698	3.482	11.2	22.2
2 11	11 38.73	+ 4 16.9	2.602	3.478	8.7	22.0
2 21	11 33.61	+ 5 5.6	2.530	3.473	5.7	21.8
3 2	11 27.32	+ 6 0.9	2.486	3.468	2.5	21.6
3 12	11 20.45	+ 6 58.0	2.472	3.463	1.2	21.4
3 22	11 13.65	+ 7 52.1	2.487	3.458	4.4	21.7
4 1	11 7.59	+ 8 39.0	2.532	3.452	7.6	21.9
4 11	11 2.81	+ 9 15.2	2.603	3.447	10.3	22.0

18653 Christagünt 3 10.0 330.°94 9.°2/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.31	+20 44.8	1.253	2.100	17.8	17.7
2 11	11 44.75	+22 1.4	1.181	2.086	14.4	17.5
2 21	11 38.74	+23 19.6	1.129	2.073	11.0	17.2
3 2	11 29.96	+24 26.5	1.099	2.060	9.2	17.1
3 12	11 19.78	+25 8.7	1.093	2.049	10.4	17.1
3 22	11 9.85	+25 17.7	1.109	2.038	13.8	17.3
4 1	11 1.80	+24 50.9	1.146	2.028	17.7	17.5
4 11	10 56.76	+23 51.3	1.201	2.020	21.4	17.7

521280 2015 HW_{194} 3 10.0 302.°68 5.°4/16.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 40.69	−15 54.3	2.294	2.996	15.2	21.8
2 11	11 37.99	−15 55.5	2.183	2.983	13.0	21.6
2 21	11 33.39	−15 34.3	2.092	2.970	10.4	21.4
3 2	11 27.32	−14 49.6	2.024	2.958	7.7	21.2
3 12	11 20.44	−13 43.0	1.982	2.946	5.7	21.1
3 22	11 13.57	−12 19.1	1.968	2.934	5.8	21.1
4 1	11 7.53	−10 44.8	1.981	2.922	8.1	21.2
4 11	11 3.03	− 9 8.3	2.021	2.910	11.0	21.3

345388 2006 BD_{118} 3 10.0 225.°98 1.°3/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.30	− 2 4.8	2.189	2.957	13.9	21.7
2 11	11 41.50	− 1 51.1	2.090	2.952	11.1	21.4
2 21	11 35.69	− 1 22.4	2.014	2.947	7.8	21.2
3 2	11 28.34	− 0 41.0	1.964	2.941	4.0	21.0
3 12	11 20.20	+ 0 9.0	1.943	2.935	1.3	20.8
3 22	11 12.13	+ 1 2.0	1.951	2.929	4.6	21.0
4 1	11 4.99	+ 1 52.5	1.987	2.923	8.3	21.2
4 11	10 59.50	+ 2 35.3	2.048	2.917	11.8	21.4

13556 1992 OY_7 3 10.0 217.°18 3.°3/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.45	− 9 40.3	2.871	3.584	12.2	18.7
2 11	11 41.18	− 9 44.0	2.757	3.574	10.1	18.5
2 21	11 35.26	− 9 33.1	2.665	3.564	7.7	18.3
3 2	11 28.10	− 9 7.7	2.600	3.553	5.1	18.2
3 12	11 20.27	− 8 29.8	2.564	3.542	3.4	18.0
3 22	11 12.44	− 7 42.6	2.558	3.530	4.2	18.1
4 1	11 5.28	− 6 50.5	2.582	3.518	6.7	18.2
4 11	10 59.40	− 5 58.6	2.633	3.505	9.3	18.3

266197 2006 VX_{168} 3 10.0 69.°79 0.°0/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.85	+ 1 14.3	1.656	2.452	16.6	20.9
2 11	11 43.10	+ 1 42.6	1.587	2.467	12.9	20.7
2 21	11 36.89	+ 2 27.1	1.538	2.482	8.7	20.5
3 2	11 28.88	+ 3 23.2	1.516	2.498	3.9	20.3
3 12	11 20.09	+ 4 24.0	1.520	2.513	1.0	20.1
3 22	11 11.64	+ 5 21.9	1.552	2.528	5.8	20.4
4 1	11 4.58	+ 6 10.1	1.611	2.544	10.1	20.7
4 11	10 59.66	+ 6 44.1	1.692	2.559	13.9	21.0

522216 2016 AS_{263} 3 10.0 339.°46 1.°8/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.36	− 1 44.8	1.438	2.240	18.3	21.0
2 11	11 41.05	− 1 47.6	1.350	2.231	14.7	20.7
2 21	11 35.96	− 1 30.4	1.281	2.222	10.4	20.4
3 2	11 28.64	− 0 55.1	1.235	2.214	5.4	20.1
3 12	11 20.12	− 0 6.9	1.214	2.207	1.9	19.9
3 22	11 11.67	+ 0 46.5	1.219	2.200	6.1	20.1
4 1	11 4.61	+ 1 36.7	1.249	2.195	11.1	20.4
4 11	10 59.94	+ 2 16.3	1.300	2.190	15.7	20.6

116027 2003 WV_{88} 3 10.0 61.°23 0.°6/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.19	+ 2 18.3	1.464	2.271	17.8	20.5
2 11	11 43.64	+ 2 52.4	1.400	2.288	13.8	20.3
2 21	11 37.38	+ 3 43.8	1.356	2.304	9.2	20.1
3 2	11 29.13	+ 4 46.7	1.337	2.321	4.1	19.8
3 12	11 20.04	+ 5 52.8	1.345	2.337	1.4	19.7
3 22	11 11.37	+ 6 53.3	1.379	2.354	6.5	20.1
4 1	11 4.26	+ 7 41.1	1.439	2.371	11.1	20.4
4 11	10 59.52	+ 8 11.7	1.520	2.388	15.1	20.6

97065 1999 VV_{20} 3 10.0 54.°29 8.°6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.55	+26 20.3	1.839	2.658	14.2	18.6
2 11	11 45.90	+27 34.0	1.786	2.668	11.7	18.4
2 21	11 38.69	+28 41.4	1.757	2.678	9.5	18.3
3 2	11 29.66	+29 32.9	1.753	2.689	8.6	18.3
3 12	11 19.92	+30 0.7	1.775	2.699	9.5	18.3
3 22	11 10.67	+30 0.9	1.821	2.710	11.7	18.5
4 1	11 2.96	+29 33.7	1.891	2.721	14.1	18.7
4 11	10 57.52	+28 42.4	1.980	2.732	16.4	18.8

376520 2012 LC_{25} 3 10.0 189.°42 2.°1/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.48	+ 5 6.2	2.126	2.925	13.3	20.9
2 11	11 40.12	+ 6 24.2	2.038	2.924	10.2	20.7
2 21	11 34.77	+ 7 55.8	1.975	2.924	6.7	20.5
3 2	11 27.92	+ 9 34.9	1.940	2.922	3.1	20.3
3 12	11 20.33	+11 13.4	1.934	2.921	2.8	20.3
3 22	11 12.85	+12 43.4	1.958	2.920	6.3	20.5
4 1	11 6.34	+13 58.4	2.010	2.918	9.9	20.7
4 11	11 1.48	+14 54.5	2.086	2.915	13.1	20.9

400283 2007 SY_3 3 10.0 158.°47 1.°6/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.60	+ 5 33.8	2.056	2.846	14.0	22.2
2 11	11 44.83	+ 6 21.4	1.974	2.854	10.8	22.0
2 21	11 37.88	+ 7 20.3	1.916	2.862	7.1	21.8
3 2	11 29.31	+ 8 25.2	1.886	2.868	3.2	21.6
3 12	11 19.99	+ 9 29.4	1.885	2.874	2.3	21.5
3 22	11 10.89	+10 26.3	1.914	2.879	6.0	21.8
4 1	11 2.93	+11 10.6	1.970	2.884	9.7	22.0
4 11	10 56.83	+11 39.3	2.051	2.887	13.0	22.2

426818 2013 TU_{145} 3 10.0 182.°13 2.°1/ 7.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.91	+ 8 37.4	2.613	3.403	11.3	22.7
2 11	11 42.34	+ 9 25.4	2.523	3.404	8.7	22.6
2 21	11 36.02	+10 20.7	2.459	3.405	5.7	22.4
3 2	11 28.43	+11 18.5	2.424	3.404	2.9	22.2
3 12	11 20.22	+12 13.6	2.419	3.403	2.7	22.2
3 22	11 12.13	+13 1.1	2.444	3.402	5.5	22.3
4 1	11 4.88	+13 37.0	2.498	3.399	8.5	22.5
4 11	10 59.07	+13 59.3	2.577	3.396	11.2	22.7

334452 2002 NE_{63} 3 10.0 192.°67 1.°3/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.57	+ 5 37.8	2.283	3.075	12.7	21.6
2 11	11 41.57	+ 6 11.3	2.193	3.074	9.8	21.4
2 21	11 35.65	+ 6 54.5	2.127	3.073	6.5	21.2
3 2	11 28.30	+ 7 43.3	2.089	3.072	2.9	20.9
3 12	11 20.25	+ 8 32.2	2.080	3.070	1.8	20.9
3 22	11 12.34	+ 9 16.1	2.100	3.068	5.3	21.1
4 1	11 5.36	+ 9 50.3	2.148	3.067	8.8	21.3
4 11	10 59.98	+10 11.9	2.221	3.064	11.9	21.5

297698 2001 VX_{41} 3 10.0 174.°66 2.°2/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.40	− 4 34.8	1.876	2.636	16.2	21.6
2 11	11 45.00	− 4 24.5	1.785	2.639	13.1	21.4
2 21	11 38.20	− 3 55.2	1.715	2.642	9.3	21.2
3 2	11 29.54	− 3 8.7	1.671	2.643	5.2	21.0
3 12	11 19.96	− 2 9.7	1.654	2.644	2.2	20.8
3 22	11 10.50	− 1 4.7	1.666	2.645	5.2	20.9
4 1	11 2.24	− 0 1.1	1.706	2.644	9.3	21.2
4 11	10 56.01	+ 0 54.4	1.771	2.643	13.1	21.4

29954 1999 JK_{89} 3 10.0 187.°80 0.°6/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.31	− 1 28.7	2.509	3.278	12.3	18.7
2 11	11 38.89	− 0 52.9	2.414	3.278	9.7	18.5
2 21	11 33.79	− 0 3.2	2.342	3.277	6.7	18.3
3 2	11 27.44	+ 0 57.3	2.298	3.276	3.3	18.1
3 12	11 20.49	+ 2 4.2	2.283	3.276	0.8	17.9
3 22	11 13.62	+ 3 11.9	2.298	3.275	4.1	18.2
4 1	11 7.56	+ 4 15.1	2.341	3.273	7.5	18.4
4 11	11 2.87	+ 5 9.1	2.411	3.272	10.5	18.6

213202 2000 TC_4 3 10.0 83.°33 0.°9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.10	+ 3 35.4	1.533	2.334	17.5	21.2
2 11	11 46.49	+ 4 4.3	1.472	2.356	13.5	21.0
2 21	11 39.17	+ 4 47.8	1.432	2.378	8.9	20.8
3 2	11 29.92	+ 5 40.4	1.416	2.399	3.9	20.5
3 12	11 19.90	+ 6 34.3	1.428	2.421	1.6	20.4
3 22	11 10.36	+ 7 22.0	1.468	2.442	6.4	20.8
4 1	11 2.46	+ 7 57.4	1.534	2.462	10.9	21.1
4 11	10 56.95	+ 8 17.2	1.623	2.483	14.7	21.3

187543 2006 UV_{191} 3 10.0 321.°51 4.°1/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.67	−10 27.2	2.382	3.107	14.1	20.0
2 11	11 40.11	−10 42.0	2.283	3.106	11.7	19.9
2 21	11 34.70	−10 39.6	2.205	3.104	9.0	19.7
3 2	11 27.90	−10 19.9	2.152	3.103	6.2	19.5
3 12	11 20.38	− 9 44.8	2.126	3.102	4.2	19.4
3 22	11 12.92	− 8 58.1	2.129	3.101	4.9	19.4
4 1	11 6.32	− 8 5.2	2.160	3.099	7.6	19.6
4 11	11 1.21	− 7 11.9	2.217	3.098	10.4	19.7

251798 1999 TG_{35} 3 10.0 111.°85 6.°8/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 8.61	+19 2.3	1.207	2.021	20.5	20.2
2 11	12 1.11	+19 12.6	1.144	2.031	16.3	19.9
2 21	11 49.45	+19 20.1	1.100	2.042	11.6	19.7
3 2	11 34.70	+19 14.3	1.080	2.052	7.6	19.5
3 12	11 18.75	+18 46.4	1.087	2.061	7.5	19.5
3 22	11 3.74	+17 53.2	1.120	2.070	11.3	19.7
4 1	10 51.47	+16 37.1	1.178	2.079	15.8	20.0
4 11	10 43.01	+15 3.7	1.256	2.088	19.9	20.3

157661 2005 YV_{50} 3 10.0 242.°81 5.°6/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.71	+17 17.6	2.225	3.041	12.2	20.8
2 11	11 41.96	+18 50.1	2.136	3.027	9.6	20.6
2 21	11 36.09	+20 27.4	2.073	3.013	7.0	20.4
3 2	11 28.59	+22 1.5	2.037	2.998	5.6	20.3
3 12	11 20.22	+23 23.6	2.031	2.983	6.6	20.3
3 22	11 11.88	+24 27.0	2.052	2.967	9.1	20.4
4 1	11 4.51	+25 7.5	2.099	2.951	12.0	20.6
4 11	10 58.86	+25 24.2	2.167	2.935	14.7	20.7

502200 2015 BY_{71} 3 10.0 174.°18 1.°7/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.72	− 3 14.1	2.269	3.029	13.7	21.7
2 11	11 41.71	− 3 3.7	2.175	3.031	11.0	21.5
2 21	11 35.78	− 2 38.4	2.104	3.032	7.7	21.3
3 2	11 28.39	− 2 0.2	2.059	3.033	4.2	21.1
3 12	11 20.28	− 1 13.0	2.043	3.034	1.7	20.9
3 22	11 12.29	− 0 21.8	2.056	3.034	4.4	21.1
4 1	11 5.22	+ 0 27.9	2.097	3.034	7.9	21.3
4 11	10 59.76	+ 1 11.1	2.165	3.034	11.2	21.5

47502 2000 AN_{54} 3 10.0 314.°84 6.°2/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.38	+18 14.8	1.989	2.814	13.1	19.0
2 11	11 41.05	+19 42.9	1.916	2.811	10.3	18.8
2 21	11 35.51	+21 13.9	1.867	2.808	7.6	18.6
3 2	11 28.31	+22 39.1	1.845	2.805	6.2	18.5
3 12	11 20.31	+23 49.7	1.851	2.803	7.2	18.6
3 22	11 12.49	+24 39.2	1.883	2.800	9.7	18.7
4 1	11 5.80	+25 4.2	1.939	2.797	12.6	18.9
4 11	11 0.98	+25 4.7	2.017	2.795	15.3	19.1

108804 2001 OP_{73} 3 10.0 173.°87 0.°2/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.96	− 1 27.6	2.253	3.022	13.5	20.0
2 11	11 41.14	− 0 31.5	2.160	3.025	10.7	19.8
2 21	11 35.39	+ 0 41.2	2.091	3.028	7.2	19.6
3 2	11 28.22	+ 2 6.6	2.049	3.029	3.4	19.4
3 12	11 20.34	+ 3 38.4	2.038	3.031	0.7	19.2
3 22	11 12.57	+ 5 9.4	2.056	3.031	4.7	19.5
4 1	11 5.74	+ 6 32.6	2.104	3.031	8.5	19.7
4 11	11 0.50	+ 7 42.7	2.177	3.031	11.7	19.9

193352 2000 UL_{30} 3 10.0 168.°21 16.°9/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 11.23	+42 35.9	1.432	2.212	19.5	20.5
2 11	12 3.68	+44 43.5	1.396	2.217	17.9	20.4
2 21	11 51.41	+46 27.5	1.380	2.222	17.0	20.3
3 2	11 35.63	+47 30.4	1.383	2.226	17.1	20.3
3 12	11 18.58	+47 40.8	1.407	2.228	18.2	20.4
3 22	11 2.77	+46 57.1	1.450	2.230	19.9	20.5
4 1	10 50.22	+45 26.2	1.511	2.231	21.8	20.7
4 11	10 41.96	+43 19.7	1.585	2.230	23.5	20.9

154541 2003 GU_{14} 3 10.0 284.°51 7.°2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.35	+19 4.5	1.826	2.656	13.8	20.0
2 11	11 41.34	+20 54.4	1.750	2.647	11.0	19.8
2 21	11 35.90	+22 48.5	1.698	2.637	8.4	19.6
3 2	11 28.56	+24 36.3	1.673	2.628	7.2	19.5
3 12	11 20.25	+26 6.7	1.675	2.619	8.5	19.6
3 22	11 12.06	+27 11.8	1.703	2.610	11.2	19.7
4 1	11 5.08	+27 47.5	1.754	2.601	14.3	19.9
4 11	11 0.16	+27 53.9	1.824	2.591	17.1	20.1

54708 2001 HH_{18} 3 10.0 111.°84 7.°0/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.72	+ 8 33.6	1.208	2.045	19.1	18.2
2 11	11 44.04	+11 48.1	1.150	2.057	14.5	18.0
2 21	11 38.11	+15 24.7	1.116	2.070	9.8	17.8
3 2	11 29.65	+19 3.4	1.109	2.082	7.1	17.6
3 12	11 20.00	+22 21.4	1.130	2.094	9.0	17.8
3 22	11 10.74	+25 0.6	1.177	2.105	13.2	18.0
4 1	11 3.33	+26 52.3	1.247	2.116	17.5	18.3
4 11	10 58.79	+27 57.1	1.335	2.126	21.0	18.6

329835 2004 SY_{10} 3 10.0 235.°22 3.°3/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.45	+10 15.8	2.421	3.223	11.8	21.2
2 11	11 41.54	+11 34.9	2.320	3.207	9.1	21.0
2 21	11 35.72	+13 3.3	2.244	3.191	6.1	20.8
3 2	11 28.41	+14 35.1	2.197	3.174	3.6	20.6
3 12	11 20.30	+16 2.7	2.180	3.157	4.0	20.6
3 22	11 12.18	+17 19.4	2.194	3.139	6.9	20.7
4 1	11 4.87	+18 19.9	2.235	3.120	10.1	20.9
4 11	10 59.08	+19 1.3	2.300	3.100	13.0	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
142430	2002 SA_{44}		3 10.0	193.°82	0.°8/ 9.2	18
	h m	° ′			°	m
2 1	11 47.48	+ 3 14.0	2.061	2.848	14.1	21.0
2 11	11 43.31	+ 3 53.1	1.969	2.846	11.0	20.8
2 21	11 36.97	+ 4 45.4	1.900	2.844	7.3	20.6
3 2	11 28.99	+ 5 46.7	1.859	2.841	3.2	20.3
3 12	11 20.17	+ 6 50.6	1.846	2.838	1.5	20.2
3 22	11 11.47	+ 7 50.7	1.863	2.834	5.5	20.5
4 1	11 3.82	+ 8 40.8	1.907	2.830	9.5	20.7
4 11	10 57.97	+ 9 17.1	1.976	2.825	13.0	20.9
391548	2007 TD_{27}		3 10.0	166.°91	1.°2/11.5	17
2 1	11 43.53	− 2 58.0	2.445	3.206	12.8	21.7
2 11	11 39.88	− 2 33.4	2.351	3.208	10.2	21.5
2 21	11 34.48	− 1 54.4	2.280	3.210	7.1	21.3
3 2	11 27.79	− 1 3.3	2.236	3.212	3.7	21.1
3 12	11 20.47	− 0 4.4	2.222	3.213	1.2	20.9
3 22	11 13.26	+ 0 57.2	2.237	3.215	4.1	21.2
4 1	11 6.89	+ 1 56.0	2.280	3.216	7.4	21.4
4 11	11 1.95	+ 2 47.3	2.350	3.216	10.5	21.6
88968	2001 TN_{57}		3 10.0	238.°11	1.°7/11.5	18
2 1	11 47.32	− 3 17.3	1.659	2.438	17.3	20.4
2 11	11 43.85	− 2 58.4	1.562	2.429	13.9	20.2
2 21	11 37.74	− 2 18.2	1.485	2.419	9.8	19.9
3 2	11 29.48	− 1 18.9	1.432	2.409	5.2	19.6
3 12	11 20.05	− 0 6.0	1.406	2.398	1.7	19.4
3 22	11 10.62	+ 1 12.2	1.408	2.387	5.8	19.6
4 1	11 2.43	+ 2 26.6	1.436	2.375	10.6	19.8
4 11	10 56.45	+ 3 29.4	1.488	2.364	14.9	20.1
16071	1999 RW_{125}		3 10.0	15.°42	2.°3/11.9	18
2 1	11 45.26	− 3 13.6	1.679	2.461	17.0	17.4
2 11	11 42.04	− 3 21.0	1.596	2.463	13.6	17.2
2 21	11 36.34	− 3 10.2	1.533	2.466	9.7	16.9
3 2	11 28.76	− 2 42.8	1.494	2.469	5.4	16.7
3 12	11 20.25	− 2 3.1	1.482	2.473	2.3	16.5
3 22	11 11.92	− 1 17.3	1.497	2.477	5.4	16.7
4 1	11 4.85	− 0 32.4	1.538	2.482	9.7	16.9
4 11	10 59.88	+ 0 5.4	1.602	2.487	13.6	17.2
469205	2016 GA_{215}		3 10.0	202.°11	0.°7/ 9.1	18
2 1	11 42.95	+ 0 50.1	2.353	3.133	12.7	21.2
2 11	11 39.55	+ 2 4.6	2.257	3.130	9.9	21.0
2 21	11 34.34	+ 3 34.8	2.185	3.127	6.6	20.8
3 2	11 27.77	+ 5 16.0	2.141	3.123	2.9	20.5
3 12	11 20.50	+ 7 1.2	2.128	3.119	1.4	20.4
3 22	11 13.30	+ 8 42.8	2.145	3.115	5.1	20.6
4 1	11 6.95	+10 13.9	2.192	3.110	8.7	20.9
4 11	11 2.07	+11 29.4	2.264	3.105	11.8	21.1
28033	1998 EE_{9}		3 10.0	70.°51	1.°0/ 9.0	18
2 1	11 47.08	+ 6 2.4	2.228	3.019	13.0	17.9
2 11	11 42.74	+ 6 16.0	2.143	3.023	10.1	17.7
2 21	11 36.44	+ 6 37.9	2.083	3.028	6.6	17.5
3 2	11 28.70	+ 7 4.5	2.049	3.032	3.0	17.3
3 12	11 20.28	+ 7 31.3	2.045	3.036	1.5	17.2
3 22	11 12.06	+ 7 53.7	2.069	3.040	5.1	17.4
4 1	11 4.84	+ 8 8.1	2.122	3.044	8.7	17.6
4 11	10 59.29	+ 8 12.0	2.199	3.049	11.8	17.8
212132	2005 EV_{230}		3 10.0	234.°79	0.°7/ 9.4	16
2 1	11 49.83	+ 3 57.1	1.946	2.734	14.7	21.3
2 11	11 45.39	+ 4 18.3	1.845	2.723	11.6	21.0
2 21	11 38.54	+ 4 51.9	1.767	2.710	7.8	20.8
3 2	11 29.79	+ 5 34.2	1.715	2.698	3.5	20.5
3 12	11 20.00	+ 6 19.5	1.692	2.684	1.4	20.3
3 22	11 10.22	+ 7 1.6	1.698	2.670	5.8	20.5
4 1	11 1.54	+ 7 34.9	1.731	2.656	10.1	20.8
4 11	10 54.83	+ 7 55.3	1.788	2.641	13.9	21.0
69682	1998 HA_{19}		3 10.0	323.°37	1.°8/11.4	18
2 1	11 43.68	− 2 15.3	1.378	2.181	18.9	19.3
2 11	11 41.52	− 2 12.1	1.288	2.169	15.3	19.0
2 21	11 36.44	− 1 46.7	1.216	2.157	10.8	18.7
3 2	11 28.97	− 1 1.0	1.167	2.145	5.7	18.3
3 12	11 20.18	− 0 0.7	1.142	2.134	1.9	18.1
3 22	11 11.40	+ 1 5.6	1.143	2.124	6.4	18.3
4 1	11 4.04	+ 2 8.1	1.168	2.115	11.7	18.6
4 11	10 59.18	+ 2 58.3	1.214	2.106	16.5	18.8
161272	2003 FD_{83}		3 10.0	279.°72	3.°5/ 7.2	18
2 1	11 47.02	+ 8 18.8	1.506	2.328	16.7	19.9
2 11	11 43.97	+ 9 15.0	1.413	2.311	13.0	19.6
2 21	11 38.02	+10 26.0	1.341	2.293	8.7	19.3
3 2	11 29.68	+11 44.5	1.294	2.276	4.5	19.0
3 12	11 20.01	+13 0.3	1.273	2.258	4.4	19.0
3 22	11 10.32	+14 3.4	1.278	2.241	8.8	19.2
4 1	11 1.99	+14 46.1	1.308	2.223	13.6	19.4
4 11	10 56.11	+15 4.5	1.359	2.205	17.8	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
216110	2006 RA_{85}		3 10.0	264.°79	0.°8/10.7	17
	h m	° ′			°	m
2 1	11 46.19	− 1 1.4	1.805	2.588	15.9	21.1
2 11	11 42.82	− 0 37.7	1.700	2.571	12.7	20.9
2 21	11 36.98	+ 0 4.3	1.616	2.554	8.8	20.6
3 2	11 29.13	+ 1 2.1	1.557	2.536	4.3	20.3
3 12	11 20.15	+ 2 10.0	1.525	2.518	1.0	20.0
3 22	11 11.11	+ 3 20.6	1.522	2.500	5.6	20.3
4 1	11 3.14	+ 4 25.8	1.546	2.482	10.3	20.5
4 11	10 57.19	+ 5 19.0	1.593	2.463	14.4	20.7
135424	2001 UW_{84}		3 10.0	100.°12	0.°6/ 9.4	18
2 1	11 43.76	+ 3 13.8	2.375	3.161	12.4	20.3
2 11	11 40.06	+ 3 46.6	2.291	3.168	9.6	20.1
2 21	11 34.59	+ 4 30.2	2.231	3.174	6.4	19.9
3 2	11 27.85	+ 5 20.9	2.198	3.181	2.8	19.7
3 12	11 20.51	+ 6 13.5	2.195	3.187	1.1	19.6
3 22	11 13.32	+ 7 3.0	2.221	3.194	4.7	19.9
4 1	11 7.04	+ 7 44.7	2.276	3.200	8.1	20.1
4 11	11 2.23	+ 8 15.3	2.355	3.207	11.0	20.3
63313	2001 FV_{28}		3 10.0	206.°86	3.°7/ 6.2	18
2 1	11 51.08	+13 18.3	2.276	3.075	12.5	19.8
2 11	11 45.94	+14 6.5	2.184	3.068	9.7	19.6
2 21	11 38.66	+14 59.6	2.117	3.061	6.6	19.4
3 2	11 29.75	+15 51.8	2.078	3.053	4.1	19.2
3 12	11 20.03	+16 36.6	2.069	3.044	4.4	19.2
3 22	11 10.42	+17 8.6	2.090	3.035	7.2	19.3
4 1	11 1.85	+17 24.4	2.138	3.024	10.4	19.5
4 11	10 55.05	+17 23.0	2.209	3.013	13.3	19.7
269937	2000 RY_{39}		3 10.1	125.°41	3.°3/13.3	18
2 1	11 49.55	− 7 17.3	2.279	3.012	14.4	21.5
2 11	11 44.60	− 7 32.2	2.194	3.027	11.8	21.3
2 21	11 37.66	− 7 31.1	2.131	3.041	8.7	21.2
3 2	11 29.25	− 7 14.7	2.093	3.054	5.5	21.0
3 12	11 20.17	− 6 45.4	2.085	3.067	3.3	20.9
3 22	11 11.28	− 6 7.5	2.106	3.080	4.7	21.0
4 1	11 3.42	− 5 26.0	2.156	3.092	7.7	21.2
4 11	10 57.26	− 4 46.2	2.231	3.104	10.8	21.4
232738	2004 FJ_{34}		3 10.1	330.°96	3.°8/14.9	18
2 1	11 40.19	−12 56.4	2.198	2.923	15.1	20.3
2 11	11 37.61	−12 19.7	2.096	2.919	12.7	20.1
2 21	11 33.15	−11 18.6	2.015	2.915	9.7	19.9
3 2	11 27.26	− 9 54.0	1.958	2.912	6.4	19.7
3 12	11 20.65	− 8 10.3	1.929	2.909	4.0	19.5
3 22	11 14.12	− 6 14.4	1.929	2.906	4.8	19.6
4 1	11 8.48	− 4 15.1	1.959	2.903	7.8	19.7
4 11	11 4.40	− 2 21.5	2.015	2.901	11.1	19.9
208614	2002 CE_{270}		3 10.1	252.°31	2.°1/ 8.1	17
2 1	11 45.83	+ 4 41.5	1.669	2.477	15.9	20.6
2 11	11 42.66	+ 5 43.3	1.577	2.466	12.4	20.4
2 21	11 36.91	+ 7 2.5	1.506	2.455	8.2	20.1
3 2	11 29.11	+ 8 32.6	1.461	2.444	3.7	19.8
3 12	11 20.19	+10 4.4	1.443	2.432	2.9	19.7
3 22	11 11.31	+11 28.1	1.453	2.420	7.4	20.0
4 1	11 3.65	+12 35.4	1.489	2.408	11.9	20.2
4 11	10 58.15	+13 21.1	1.548	2.396	15.9	20.4
42887	1999 RV_{155}		3 10.1	197.°17	1.°6/11.4	18
2 1	11 51.41	− 2 53.5	1.893	2.655	16.0	19.7
2 11	11 46.65	− 2 39.4	1.795	2.652	12.9	19.4
2 21	11 39.40	− 2 7.4	1.718	2.648	9.0	19.2
3 2	11 30.19	− 1 19.4	1.668	2.643	4.8	18.9
3 12	11 19.93	− 0 20.5	1.645	2.637	1.6	18.7
3 22	11 9.73	+ 0 42.8	1.652	2.630	5.3	18.9
4 1	11 0.71	+ 1 43.2	1.688	2.622	9.6	19.2
4 11	10 53.74	+ 2 34.3	1.748	2.613	13.6	19.4
115742	2003 UV_{189}		3 10.1	116.°02	4.°6/ 5.1	18
2 1	11 47.72	+16 13.2	2.214	3.025	12.4	20.1
2 11	11 43.25	+17 8.8	2.145	3.034	9.6	19.9
2 21	11 36.77	+18 6.5	2.100	3.043	6.8	19.7
3 2	11 28.84	+18 59.9	2.083	3.052	4.8	19.6
3 12	11 20.29	+19 42.5	2.094	3.060	5.3	19.7
3 22	11 12.00	+20 9.6	2.134	3.068	7.8	19.8
4 1	11 4.82	+20 18.6	2.200	3.076	10.6	20.0
4 11	10 59.39	+20 9.5	2.289	3.084	13.2	20.2
307585	2003 HA_{49}		3 10.1	289.°26	0.°9/ 9.4	16
2 1	11 46.56	+ 2 56.7	1.502	2.311	17.4	21.6
2 11	11 43.76	+ 3 27.1	1.396	2.285	13.8	21.3
2 21	11 38.02	+ 4 16.5	1.310	2.258	9.4	21.0
3 2	11 29.77	+ 5 20.7	1.248	2.231	4.2	20.6
3 12	11 20.00	+ 6 32.1	1.212	2.204	1.8	20.4
3 22	11 10.00	+ 7 41.3	1.203	2.177	7.3	20.6
4 1	11 1.23	+ 8 38.7	1.218	2.150	12.8	20.8
4 11	10 54.90	+ 9 17.5	1.255	2.123	17.6	21.1

4176 Sudek 3 10.1 43.°95 1.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.85	+ 4 37.0	1.983	2.784	14.0	16.5
2 11	11 40.44	+ 5 12.9	1.909	2.795	10.8	16.3
2 21	11 34.99	+ 6 0.2	1.859	2.806	7.1	16.1
3 2	11 28.06	+ 6 54.3	1.834	2.818	3.1	15.9
3 12	11 20.48	+ 7 48.8	1.838	2.830	1.7	15.8
3 22	11 13.14	+ 8 37.7	1.871	2.842	5.6	16.1
4 1	11 6.89	+ 9 15.9	1.930	2.854	9.3	16.3
4 11	11 2.40	+ 9 40.3	2.013	2.867	12.5	16.6

415947 2001 WS_{97} 3 10.1 196.°84 5.°7/ 3.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.04	+19 44.0	2.379	3.187	11.7	21.5
2 11	11 44.31	+21 0.7	2.300	3.184	9.3	21.3
2 21	11 37.53	+22 18.5	2.246	3.180	7.0	21.2
3 2	11 29.23	+23 29.9	2.220	3.175	5.7	21.1
3 12	11 20.19	+24 27.7	2.223	3.170	6.5	21.1
3 22	11 11.29	+25 6.8	2.255	3.164	8.8	21.3
4 1	11 3.41	+25 24.6	2.312	3.158	11.3	21.4
4 11	10 57.24	+25 21.2	2.392	3.150	13.7	21.6

173837 2001 TP_{96} 3 10.1 122.°83 0.°0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.64	+ 2 24.4	2.603	3.378	11.8	20.6
2 11	11 41.31	+ 2 43.1	2.520	3.389	9.2	20.5
2 21	11 35.34	+ 3 11.5	2.460	3.399	6.1	20.3
3 2	11 28.17	+ 3 46.6	2.429	3.410	2.8	20.1
3 12	11 20.48	+ 4 24.4	2.427	3.420	0.7	19.9
3 22	11 12.95	+ 5 0.8	2.456	3.430	4.1	20.2
4 1	11 6.28	+ 5 31.9	2.513	3.440	7.3	20.4
4 11	11 1.00	+ 5 54.6	2.597	3.449	10.1	20.6

240016 2001 TU_{164} 3 10.1 125.°23 1.°9/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.88	+ 8 57.0	2.654	3.447	11.1	21.0
2 11	11 41.45	+ 9 32.7	2.577	3.459	8.5	20.8
2 21	11 35.40	+10 14.3	2.524	3.470	5.6	20.7
3 2	11 28.19	+10 57.7	2.501	3.482	2.7	20.5
3 12	11 20.48	+11 38.0	2.507	3.493	2.4	20.5
3 22	11 12.96	+12 11.3	2.543	3.503	5.1	20.7
4 1	11 6.30	+12 34.4	2.608	3.514	8.0	20.9
4 11	11 1.03	+12 45.5	2.698	3.524	10.6	21.1

61207 2000 OZ_7 3 10.1 199.°78 3.°6/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.24	−10 7.3	2.743	3.450	12.8	19.9
2 11	11 43.43	−10 18.8	2.633	3.446	10.7	19.8
2 21	11 36.85	−10 15.3	2.545	3.440	8.1	19.6
3 2	11 28.93	− 9 56.5	2.484	3.434	5.5	19.4
3 12	11 20.28	− 9 24.3	2.451	3.427	3.7	19.3
3 22	11 11.65	− 8 41.7	2.449	3.419	4.5	19.3
4 1	11 3.78	− 7 53.5	2.477	3.411	7.0	19.5
4 11	10 57.28	− 7 4.6	2.532	3.401	9.7	19.6

433732 2015 AZ_{149} 3 10.1 114.°34 1.°0/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.33	− 0 59.3	2.280	3.042	13.6	22.1
2 11	11 44.34	− 0 49.9	2.203	3.061	10.8	21.9
2 21	11 37.43	− 0 27.8	2.149	3.081	7.4	21.7
3 2	11 29.15	+ 0 4.6	2.122	3.099	3.7	21.5
3 12	11 20.27	+ 0 43.2	2.125	3.117	1.1	21.4
3 22	11 11.66	+ 1 23.2	2.157	3.134	4.3	21.6
4 1	11 4.10	+ 1 59.9	2.219	3.151	7.8	21.9
4 11	10 58.21	+ 2 29.3	2.306	3.167	10.9	22.1

148808 2001 US_{108} 3 10.1 143.°68 1.°0/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.09	− 2 9.5	2.287	3.048	13.6	20.5
2 11	11 42.71	− 1 44.9	2.201	3.059	10.8	20.3
2 21	11 36.41	− 1 5.7	2.138	3.069	7.4	20.1
3 2	11 28.72	− 0 14.7	2.102	3.079	3.8	19.9
3 12	11 20.37	+ 0 43.6	2.095	3.088	1.1	19.7
3 22	11 12.21	+ 1 43.4	2.119	3.096	4.3	20.0
4 1	11 5.02	+ 2 39.3	2.171	3.104	7.9	20.2
4 11	10 59.44	+ 3 26.4	2.250	3.112	11.1	20.4

218691 2005 TF_{75} 3 10.1 85.°18 5.°4/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.94	−15 17.1	2.003	2.707	17.0	20.5
2 11	11 42.82	−15 17.4	1.930	2.734	14.3	20.3
2 21	11 36.57	−14 53.2	1.877	2.760	11.2	20.2
3 2	11 28.79	−14 4.5	1.847	2.786	8.0	20.0
3 12	11 20.37	−12 54.7	1.844	2.812	5.7	19.9
3 22	11 12.26	−11 30.1	1.869	2.837	5.9	20.0
4 1	11 5.36	− 9 58.9	1.923	2.862	8.4	20.2
4 11	11 0.31	− 8 29.4	2.002	2.886	11.3	20.4

145408 2005 NJ_{84} 3 10.1 91.°96 2.°5/12.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.41	− 5 9.3	2.427	3.174	13.3	20.5
2 11	11 41.33	− 5 16.7	2.337	3.182	10.7	20.3
2 21	11 35.47	− 5 10.1	2.270	3.190	7.8	20.2
3 2	11 28.29	− 4 50.6	2.230	3.197	4.6	20.0
3 12	11 20.48	− 4 21.0	2.218	3.205	2.5	19.8
3 22	11 12.81	− 3 45.2	2.235	3.212	4.2	20.0
4 1	11 6.02	− 3 7.8	2.281	3.219	7.3	20.2
4 11	11 0.72	− 2 33.4	2.353	3.227	10.2	20.4

497201 2004 TA_{259} 3 10.1 217.°77 0.°3/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.38	+ 0 18.1	2.515	3.282	12.4	22.9
2 11	11 42.13	+ 0 44.0	2.409	3.273	9.8	22.7
2 21	11 36.06	+ 1 22.3	2.327	3.263	6.6	22.5
3 2	11 28.59	+ 2 10.3	2.272	3.252	3.2	22.3
3 12	11 20.40	+ 3 3.7	2.248	3.241	0.7	22.0
3 22	11 12.22	+ 3 57.6	2.254	3.229	4.3	22.3
4 1	11 4.84	+ 4 47.0	2.289	3.217	7.8	22.5
4 11	10 58.91	+ 5 27.5	2.350	3.204	11.0	22.7

53993 2000 GN_{83} 3 10.1 214.°44 4.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.71	+14 9.8	2.280	3.080	12.4	19.2
2 11	11 45.69	+14 58.2	2.188	3.072	9.7	19.0
2 21	11 38.53	+15 51.0	2.120	3.063	6.7	18.8
3 2	11 29.74	+16 42.1	2.080	3.054	4.3	18.6
3 12	11 20.13	+17 25.1	2.071	3.043	4.6	18.6
3 22	11 10.63	+17 54.7	2.090	3.032	7.4	18.7
4 1	11 2.15	+18 7.6	2.137	3.021	10.5	18.9
4 11	10 55.43	+18 2.9	2.207	3.008	13.4	19.1

297468 2000 SV_{343} 3 10.1 67.°01 2.°0/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.80	− 3 9.9	1.413	2.200	19.4	20.2
2 11	11 45.72	− 3 0.9	1.354	2.225	15.4	20.0
2 21	11 38.82	− 2 30.1	1.314	2.249	10.7	19.8
3 2	11 29.88	− 1 40.9	1.297	2.274	5.6	19.6
3 12	11 20.12	− 0 40.1	1.307	2.299	2.0	19.4
3 22	11 10.88	+ 0 23.5	1.343	2.323	5.8	19.7
4 1	11 3.34	+ 1 21.6	1.405	2.347	10.5	20.1
4 11	10 58.29	+ 2 7.5	1.490	2.372	14.6	20.4

243810 2000 SS_{233} 3 10.1 112.°87 3.°6/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.08	+10 19.6	1.740	2.549	15.3	21.1
2 11	11 46.29	+11 20.9	1.677	2.567	11.8	20.9
2 21	11 39.01	+12 30.6	1.637	2.585	7.8	20.7
3 2	11 29.93	+13 40.9	1.623	2.602	4.3	20.5
3 12	11 20.11	+14 43.2	1.638	2.619	4.4	20.5
3 22	11 10.70	+15 30.6	1.680	2.634	7.8	20.8
4 1	11 2.74	+15 58.9	1.749	2.650	11.5	21.0
4 11	10 56.98	+16 6.8	1.840	2.664	14.8	21.3

162893 2001 GK_3 3 10.1 237.°86 14.°6/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.74	+28 12.1	1.204	2.052	18.4	19.4
2 11	11 45.66	+31 57.8	1.156	2.047	15.9	19.2
2 21	11 39.77	+35 39.5	1.131	2.041	14.6	19.1
3 2	11 30.68	+38 53.5	1.130	2.035	15.3	19.2
3 12	11 19.87	+41 19.8	1.152	2.029	17.6	19.3
3 22	11 9.28	+42 48.2	1.193	2.023	20.5	19.4
4 1	11 0.80	+43 18.6	1.250	2.016	23.3	19.6
4 11	10 55.75	+42 58.9	1.319	2.009	25.8	19.8

164706 1998 DJ_{19} 3 10.1 79.°67 0.°3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.65	+ 3 38.5	1.516	2.316	17.6	20.4
2 11	11 47.14	+ 3 44.6	1.445	2.328	13.8	20.2
2 21	11 39.81	+ 4 4.5	1.395	2.340	9.2	20.0
3 2	11 30.38	+ 4 34.0	1.369	2.352	4.1	19.7
3 12	11 20.01	+ 5 6.7	1.371	2.364	1.2	19.5
3 22	11 10.02	+ 5 36.0	1.400	2.375	6.3	19.9
4 1	11 1.63	+ 5 56.3	1.454	2.387	11.0	20.2
4 11	10 55.72	+ 6 3.8	1.531	2.399	15.1	20.5

350464 1998 QN_{47} 3 10.1 177.°93 1.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.17	+ 3 42.8	1.928	2.715	14.9	21.6
2 11	11 45.55	+ 4 31.4	1.841	2.718	11.6	21.4
2 21	11 38.57	+ 5 34.3	1.776	2.720	7.7	21.2
3 2	11 29.80	+ 6 46.2	1.739	2.721	3.4	20.9
3 12	11 20.14	+ 7 59.7	1.731	2.722	1.9	20.8
3 22	11 10.63	+ 9 7.4	1.752	2.721	6.1	21.1
4 1	11 2.31	+10 2.9	1.801	2.719	10.2	21.3
4 11	10 55.98	+10 41.9	1.874	2.717	13.8	21.5

244141 2001 WV 3 10.1 184.°94 3.°2/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.34	− 9 30.6	2.656	3.379	12.8	20.5
2 11	11 39.67	− 9 27.7	2.555	3.379	10.6	20.4
2 21	11 34.35	− 9 8.8	2.476	3.379	8.0	20.2
3 2	11 27.80	− 8 34.5	2.423	3.379	5.2	20.0
3 12	11 20.63	− 7 47.2	2.398	3.378	3.3	19.9
3 22	11 13.53	− 6 51.1	2.403	3.377	4.2	19.9
4 1	11 7.18	− 5 51.2	2.437	3.376	6.8	20.1
4 11	11 2.17	− 4 52.8	2.497	3.374	9.6	20.3

1139 Atami 3 10.1 80.°66 7.°6/16.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.27	−18 3.8	1.163	1.898	25.5	15.4
2 11	11 47.49	−17 56.9	1.109	1.930	21.5	15.2
2 21	11 40.30	−17 7.8	1.069	1.962	16.9	15.0
3 2	11 30.62	−15 35.6	1.049	1.993	12.0	14.8
3 12	11 19.99	−13 27.1	1.052	2.023	8.2	14.7
3 22	11 10.07	−10 56.5	1.080	2.053	8.3	14.8
4 1	11 2.31	− 8 21.8	1.133	2.082	11.7	15.1
4 11	10 57.60	− 5 59.5	1.209	2.110	15.8	15.4

200710 2001 UN_{153} 3 10.1 145.°09 4.°6/ 6.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.22	+13 15.9	1.742	2.554	15.2	20.4
2 11	11 47.31	+14 17.3	1.672	2.563	11.8	20.2
2 21	11 39.79	+15 25.0	1.625	2.572	8.0	20.0
3 2	11 30.35	+16 30.6	1.605	2.580	5.0	19.8
3 12	11 20.05	+17 25.4	1.613	2.587	5.4	19.8
3 22	11 10.08	+18 2.6	1.648	2.594	8.7	20.0
4 1	11 1.58	+18 18.6	1.709	2.600	12.3	20.3
4 11	10 55.36	+18 13.1	1.792	2.606	15.6	20.5

281665 2008 VG_{23} 3 10.1 125.°54 4.°6/ 4.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.72	+16 10.1	2.256	3.068	12.2	21.3
2 11	11 42.50	+17 12.4	2.185	3.075	9.4	21.2
2 21	11 36.31	+18 17.2	2.139	3.082	6.6	21.0
3 2	11 28.69	+19 18.0	2.121	3.089	4.8	20.9
3 12	11 20.45	+20 8.0	2.132	3.096	5.4	20.9
3 22	11 12.43	+20 42.3	2.171	3.103	7.8	21.1
4 1	11 5.47	+20 58.1	2.236	3.109	10.6	21.3
4 11	11 0.20	+20 55.3	2.323	3.115	13.1	21.5

433267 2012 XW_{134} 3 10.1 231.°17 5.°0/ 3.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.33	+18 39.6	2.510	3.322	11.1	20.9
2 11	11 41.33	+19 42.5	2.429	3.317	8.7	20.7
2 21	11 35.51	+20 46.4	2.374	3.312	6.4	20.6
3 2	11 28.34	+21 45.3	2.346	3.307	5.0	20.5
3 12	11 20.53	+22 33.0	2.347	3.301	5.7	20.5
3 22	11 12.85	+23 4.9	2.377	3.296	7.9	20.6
4 1	11 6.07	+23 18.5	2.432	3.290	10.4	20.8
4 11	11 0.81	+23 13.4	2.510	3.285	12.7	20.9

331252 2011 CE_2 3 10.1 64.°56 4.°1/ 5.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.00	+11 21.1	1.836	2.656	14.2	20.4
2 11	11 41.66	+12 34.8	1.761	2.657	10.9	20.2
2 21	11 36.02	+13 57.3	1.709	2.659	7.4	20.0
3 2	11 28.65	+15 20.8	1.683	2.660	4.5	19.8
3 12	11 20.46	+16 36.4	1.685	2.662	5.0	19.9
3 22	11 12.46	+17 36.4	1.715	2.663	8.2	20.1
4 1	11 5.67	+18 15.8	1.770	2.665	11.8	20.3
4 11	11 0.83	+18 32.9	1.848	2.667	14.9	20.5

43318 2000 JO_{37} 3 10.1 263.°15 3.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.41	− 7 28.9	1.898	2.652	16.3	19.0
2 11	11 42.07	− 7 31.1	1.796	2.642	13.4	18.8
2 21	11 36.41	− 7 13.1	1.715	2.632	9.9	18.5
3 2	11 28.90	− 6 35.1	1.657	2.622	6.2	18.3
3 12	11 20.38	− 5 40.3	1.626	2.612	3.5	18.1
3 22	11 11.86	− 4 34.6	1.624	2.602	5.3	18.2
4 1	11 4.38	− 3 25.5	1.648	2.591	9.2	18.4
4 11	10 58.81	− 2 20.6	1.697	2.580	13.0	18.6

217942 2001 TF_{146} 3 10.1 221.°89 2.°4/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.57	+ 7 26.7	2.046	2.847	13.6	20.9
2 11	11 42.70	+ 8 19.8	1.954	2.841	10.5	20.7
2 21	11 36.66	+ 9 23.9	1.886	2.834	7.0	20.5
3 2	11 28.95	+10 33.3	1.845	2.827	3.4	20.2
3 12	11 20.38	+11 40.8	1.833	2.819	3.0	20.2
3 22	11 11.90	+12 39.6	1.849	2.811	6.6	20.4
4 1	11 4.45	+13 24.1	1.893	2.802	10.3	20.6
4 11	10 58.80	+13 51.2	1.960	2.794	13.7	20.8

309254 2007 RL_{44} 3 10.1 101.°33 1.°8/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.91	− 2 0.5	1.648	2.425	17.4	21.4
2 11	11 46.40	− 2 4.7	1.572	2.438	13.9	21.2
2 21	11 39.25	− 1 51.4	1.517	2.450	9.7	21.0
3 2	11 30.13	− 1 22.9	1.487	2.463	5.1	20.7
3 12	11 20.12	− 0 43.9	1.483	2.475	1.9	20.6
3 22	11 10.40	− 0 0.8	1.508	2.487	5.5	20.8
4 1	11 2.13	+ 0 39.6	1.559	2.498	9.9	21.1
4 11	10 56.15	+ 1 11.5	1.634	2.510	13.8	21.4

296311 2009 DS_{131} 3 10.1 70.°06 0.°7/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.78	+ 5 5.0	2.300	3.087	12.7	21.0
2 11	11 42.46	+ 5 16.3	2.216	3.094	9.9	20.8
2 21	11 36.26	+ 5 36.2	2.157	3.100	6.6	20.6
3 2	11 28.68	+ 6 1.3	2.124	3.107	2.9	20.4
3 12	11 20.47	+ 6 27.4	2.121	3.113	1.2	20.3
3 22	11 12.45	+ 6 50.3	2.147	3.120	4.8	20.5
4 1	11 5.40	+ 7 6.2	2.202	3.126	8.3	20.8
4 11	10 59.95	+ 7 12.6	2.281	3.133	11.3	21.0

297197 2011 AE_{30} 3 10.1 49.°64 1.°0/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.49	− 0 2.8	1.660	2.450	16.8	21.1
2 11	11 43.73	− 0 0.1	1.585	2.460	13.3	20.9
2 21	11 37.46	+ 0 18.5	1.530	2.470	9.1	20.7
3 2	11 29.32	+ 0 50.3	1.501	2.480	4.5	20.4
3 12	11 20.32	+ 1 29.7	1.498	2.491	1.1	20.2
3 22	11 11.60	+ 2 10.6	1.523	2.502	5.5	20.5
4 1	11 4.23	+ 2 46.4	1.574	2.513	9.9	20.8
4 11	10 59.03	+ 3 12.2	1.648	2.524	13.7	21.1

92347 2000 GV_{160} 3 10.1 272.°59 5.°0/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.76	+10 57.3	1.484	2.312	16.6	20.3
2 11	11 43.81	+12 17.2	1.397	2.298	12.9	20.0
2 21	11 37.95	+13 50.7	1.332	2.284	8.8	19.7
3 2	11 29.72	+15 28.5	1.292	2.270	5.4	19.5
3 12	11 20.19	+16 58.6	1.279	2.256	6.0	19.5
3 22	11 10.70	+18 10.1	1.291	2.242	10.1	19.7
4 1	11 2.62	+18 55.5	1.327	2.227	14.5	19.9
4 11	10 57.03	+19 12.3	1.383	2.213	18.5	20.1

335563 2006 BQ_{253} 3 10.1 225.°26 1.°5/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.06	− 1 50.9	2.103	2.871	14.4	20.8
2 11	11 43.00	− 1 51.2	2.007	2.868	11.5	20.6
2 21	11 36.82	− 1 37.4	1.934	2.865	8.1	20.4
3 2	11 29.02	− 1 11.0	1.886	2.862	4.3	20.1
3 12	11 20.38	− 0 36.0	1.866	2.858	1.6	19.9
3 22	11 11.82	+ 0 2.9	1.876	2.854	4.7	20.1
4 1	11 4.27	+ 0 40.2	1.913	2.851	8.5	20.4
4 11	10 58.46	+ 1 11.2	1.976	2.847	12.0	20.6

215114 1998 DJ_8 3 10.1 21.°37 0.°9/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.82	+ 0 6.2	1.270	2.084	19.7	20.3
2 11	11 43.19	+ 0 11.1	1.200	2.088	15.6	20.0
2 21	11 37.51	+ 0 36.5	1.148	2.094	10.7	19.8
3 2	11 29.46	+ 1 18.7	1.119	2.100	5.2	19.5
3 12	11 20.28	+ 2 10.5	1.114	2.107	1.2	19.2
3 22	11 11.42	+ 3 3.2	1.134	2.115	6.6	19.6
4 1	11 4.24	+ 3 47.9	1.178	2.123	11.8	19.9
4 11	10 59.73	+ 4 18.3	1.244	2.132	16.4	20.2

353412 2011 QH_{13} 3 10.1 241.°17 5.°6/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.08	−15 3.8	2.637	3.320	13.8	20.9
2 11	11 42.75	−15 44.5	2.525	3.311	11.9	20.7
2 21	11 36.55	−16 8.9	2.433	3.301	9.6	20.6
3 2	11 28.89	−16 15.3	2.366	3.290	7.4	20.4
3 12	11 20.41	−16 3.8	2.326	3.280	5.8	20.3
3 22	11 11.88	−15 36.5	2.315	3.269	6.0	20.3
4 1	11 4.10	−14 57.3	2.332	3.258	7.8	20.4
4 11	10 57.75	−14 11.8	2.375	3.247	10.2	20.5

272710 2005 YC_{29} 3 10.1 5.°22 2.°6/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.60	+ 7 14.6	1.366	2.199	17.5	20.4
2 11	11 40.50	+ 7 51.5	1.296	2.199	13.5	20.2
2 21	11 35.60	+ 8 41.9	1.245	2.200	8.9	19.9
3 2	11 28.56	+ 9 39.0	1.219	2.202	4.2	19.6
3 12	11 20.51	+10 33.6	1.217	2.206	3.4	19.6
3 22	11 12.74	+11 17.1	1.241	2.211	7.9	19.8
4 1	11 6.49	+11 43.1	1.288	2.216	12.5	20.1
4 11	11 2.65	+11 48.6	1.356	2.223	16.6	20.4

506377 2017 QF_{31} 3 10.1 216.°26 2.°9/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.01	− 7 34.3	2.531	3.261	13.2	22.6
2 11	11 42.68	− 7 30.9	2.420	3.252	10.9	22.4
2 21	11 36.48	− 7 11.7	2.331	3.241	8.1	22.2
3 2	11 28.85	− 6 37.2	2.268	3.231	5.0	21.9
3 12	11 20.44	− 5 50.2	2.235	3.219	2.9	21.8
3 22	11 12.02	− 4 54.7	2.231	3.207	4.3	21.9
4 1	11 4.39	− 3 56.2	2.257	3.194	7.4	22.0
4 11	10 58.21	− 3 0.2	2.310	3.181	10.5	22.2

230533 2002 XE_{95} 3 10.1 69.°40 3.°3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.79	+ 7 38.8	1.275	2.101	18.9	20.5
2 11	11 46.13	+ 8 32.9	1.217	2.116	14.5	20.3
2 21	11 39.33	+ 9 41.1	1.179	2.131	9.6	20.0
3 2	11 30.22	+10 54.4	1.164	2.147	4.6	19.8
3 12	11 20.14	+12 1.7	1.175	2.162	4.1	19.8
3 22	11 10.58	+12 53.7	1.212	2.177	8.7	20.1
4 1	11 2.88	+13 24.2	1.272	2.193	13.4	20.4
4 11	10 57.93	+13 31.4	1.353	2.208	17.4	20.7

190818 2001 SR_2 3 10.1 114.°57 2.°3/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.20	+ 7 26.4	1.670	2.471	16.2	20.5
2 11	11 48.04	+ 8 4.4	1.603	2.489	12.5	20.2
2 21	11 40.25	+ 8 53.0	1.559	2.506	8.2	20.0
3 2	11 30.55	+ 9 45.8	1.541	2.523	3.9	19.8
3 12	11 20.06	+10 35.0	1.551	2.539	3.0	19.8
3 22	11 10.00	+11 13.9	1.589	2.555	7.0	20.1
4 1	11 1.48	+11 37.7	1.654	2.570	11.1	20.3
4 11	10 55.29	+11 44.4	1.742	2.584	14.7	20.6

165666 2001 NF_1 3 10.1 133.°26 1.°5/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.36	+ 6 44.2	2.611	3.399	11.4	20.5
2 11	11 41.13	+ 7 24.2	2.531	3.410	8.7	20.4
2 21	11 35.25	+ 8 11.9	2.476	3.421	5.7	20.2
3 2	11 28.20	+ 9 3.1	2.449	3.431	2.6	20.0
3 12	11 20.62	+ 9 53.0	2.453	3.441	2.0	20.0
3 22	11 13.22	+10 37.0	2.486	3.451	4.9	20.2
4 1	11 6.66	+11 11.4	2.549	3.460	7.9	20.4
4 11	11 1.50	+11 33.7	2.636	3.469	10.6	20.6

415330 2013 HS_{53} 3 10.1 216.°55 3.°4/13.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.51	− 7 46.5	1.907	2.655	16.4	22.9
2 11	11 43.68	− 7 44.6	1.807	2.649	13.5	22.7
2 21	11 37.48	− 7 22.0	1.727	2.643	10.0	22.4
3 2	11 29.40	− 6 38.9	1.671	2.636	6.2	22.2
3 12	11 20.31	− 5 39.0	1.642	2.628	3.5	22.0
3 22	11 11.23	− 4 28.2	1.642	2.620	5.3	22.1
4 1	11 3.24	− 3 14.4	1.670	2.611	9.2	22.3
4 11	10 57.20	− 2 5.5	1.722	2.602	13.0	22.5

181544 2006 UH_{191} 3 10.1 143.°40 2.°3/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.05	− 6 34.0	3.056	3.783	11.2	22.0
2 11	11 40.68	− 6 33.2	2.962	3.793	9.1	21.9
2 21	11 34.87	− 6 20.1	2.893	3.803	6.7	21.7
3 2	11 28.01	− 5 55.8	2.850	3.813	4.1	21.6
3 12	11 20.67	− 5 22.6	2.838	3.822	2.3	21.4
3 22	11 13.44	− 4 43.8	2.856	3.831	3.5	21.5
4 1	11 6.91	− 4 3.1	2.903	3.839	6.0	21.7
4 11	11 1.57	− 3 24.5	2.979	3.847	8.5	21.9

430936 2005 UV_{92} 3 10.1 214.°80 0.°3/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.05	+ 2 47.0	2.145	2.927	13.7	22.4
2 11	11 43.74	+ 3 7.5	2.048	2.922	10.8	22.2
2 21	11 37.32	+ 3 39.9	1.974	2.916	7.2	21.9
3 2	11 29.26	+ 4 20.9	1.927	2.909	3.3	21.7
3 12	11 20.36	+ 5 5.5	1.910	2.902	1.0	21.5
3 22	11 11.54	+ 5 48.3	1.921	2.895	5.1	21.8
4 1	11 3.72	+ 6 24.1	1.961	2.887	9.0	22.0
4 11	10 57.63	+ 6 49.1	2.025	2.879	12.4	22.2

388263 2006 QG_{49} 3 10.1 176.°07 1.°5/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.70	+ 5 30.5	2.916	3.702	10.4	21.6
2 11	11 38.99	+ 6 35.5	2.825	3.704	8.0	21.5
2 21	11 33.81	+ 7 49.5	2.760	3.705	5.2	21.3
3 2	11 27.56	+ 9 8.4	2.724	3.706	2.4	21.1
3 12	11 20.78	+10 26.7	2.720	3.707	2.0	21.1
3 22	11 14.09	+11 39.4	2.746	3.707	4.7	21.2
4 1	11 8.09	+12 42.1	2.802	3.707	7.5	21.4
4 11	11 3.29	+13 31.7	2.883	3.707	10.0	21.6

134885 2000 SZ_{38} 3 10.1 143.°53 3.°8/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.09	+17 4.0	2.877	3.676	10.2	20.1
2 11	11 43.08	+17 42.2	2.802	3.684	7.9	19.9
2 21	11 36.47	+18 20.9	2.754	3.693	5.6	19.8
3 2	11 28.74	+18 55.5	2.734	3.701	3.9	19.7
3 12	11 20.52	+19 21.6	2.744	3.709	4.3	19.7
3 22	11 12.52	+19 35.9	2.784	3.716	6.3	19.9
4 1	11 5.37	+19 36.7	2.852	3.723	8.6	20.0
4 11	10 59.60	+19 23.8	2.944	3.730	10.8	20.2

310419 1999 UO_{33} 3 10.1 78.°46 1.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.41	+ 5 14.1	1.583	2.388	16.8	21.3
2 11	11 45.95	+ 5 47.3	1.521	2.408	13.0	21.1
2 21	11 38.89	+ 6 33.3	1.481	2.429	8.5	20.9
3 2	11 29.94	+ 7 26.3	1.466	2.449	3.8	20.6
3 12	11 20.24	+ 8 18.3	1.479	2.470	2.2	20.6
3 22	11 11.00	+ 9 2.3	1.519	2.490	6.6	20.9
4 1	11 3.30	+ 9 32.8	1.585	2.510	10.9	21.2
4 11	10 57.92	+ 9 47.0	1.674	2.529	14.6	21.5

215014 2008 SM_1 3 10.1 151.°02 1.°9/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.17	− 5 49.7	2.688	3.427	12.3	21.5
2 11	11 40.98	− 5 26.5	2.596	3.436	9.9	21.3
2 21	11 35.17	− 4 48.7	2.527	3.446	7.1	21.1
3 2	11 28.19	− 3 58.0	2.485	3.454	4.1	20.9
3 12	11 20.65	− 2 58.2	2.473	3.462	1.9	20.8
3 22	11 13.24	− 1 53.9	2.492	3.470	3.8	20.9
4 1	11 6.62	− 0 50.3	2.540	3.476	6.7	21.1
4 11	11 1.35	+ 0 7.7	2.616	3.483	9.6	21.3

170332 2003 SF_{103} 3 10.1 155.°88 0.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.98	− 0 32.6	2.043	2.815	14.7	21.4
2 11	11 44.46	− 0 4.7	1.957	2.823	11.6	21.2
2 21	11 37.76	+ 0 38.4	1.894	2.830	7.9	21.0
3 2	11 29.44	+ 1 33.4	1.857	2.837	3.8	20.8
3 12	11 20.35	+ 2 34.9	1.850	2.843	0.8	20.5
3 22	11 11.44	+ 3 36.4	1.872	2.848	4.9	20.9
4 1	11 3.64	+ 4 31.7	1.922	2.853	8.9	21.1
4 11	10 57.68	+ 5 15.9	1.997	2.857	12.4	21.3

87841 2000 SU_{198} 3 10.1 113.°65 0.°5/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.44	+ 3 17.4	1.968	2.759	14.5	20.4
2 11	11 43.33	+ 3 41.7	1.888	2.766	11.3	20.2
2 21	11 37.03	+ 4 18.4	1.829	2.773	7.5	20.0
3 2	11 29.11	+ 5 3.3	1.798	2.780	3.4	19.7
3 12	11 20.44	+ 5 50.8	1.794	2.787	1.2	19.6
3 22	11 11.98	+ 6 34.9	1.820	2.793	5.4	19.9
4 1	11 4.66	+ 7 10.4	1.873	2.800	9.3	20.1
4 11	10 59.20	+ 7 33.6	1.950	2.806	12.8	20.3

454103 2013 CZ_3 3 10.1 17.°90 0.°5/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.51	+ 0 34.0	1.247	2.067	19.6	21.1
2 11	11 41.48	+ 1 20.5	1.175	2.070	15.4	20.9
2 21	11 36.44	+ 2 30.9	1.122	2.072	10.3	20.6
3 2	11 29.02	+ 3 59.4	1.092	2.076	4.6	20.3
3 12	11 20.45	+ 5 35.2	1.087	2.080	1.5	20.1
3 22	11 12.15	+ 7 6.0	1.107	2.084	7.3	20.4
4 1	11 5.49	+ 8 21.1	1.150	2.089	12.7	20.8
4 11	11 1.46	+ 9 13.5	1.215	2.095	17.3	21.0

109499 2001 QV_{231} 3 10.1 83.°61 3.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.58	− 9 5.2	1.791	2.543	17.1	19.8
2 11	11 41.36	− 8 45.8	1.710	2.554	14.0	19.6
2 21	11 35.84	− 8 2.6	1.649	2.566	10.4	19.4
3 2	11 28.60	− 6 57.0	1.612	2.577	6.4	19.2
3 12	11 20.57	− 5 34.3	1.603	2.588	3.5	19.0
3 22	11 12.75	− 4 2.4	1.621	2.600	5.2	19.2
4 1	11 6.15	− 2 30.4	1.666	2.611	9.0	19.4
4 11	11 1.50	− 1 6.6	1.737	2.622	12.6	19.6

94344 2001 QN_{83} 3 10.1 221.°97 1.°3/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.16	− 1 22.8	1.896	2.665	15.8	20.0
2 11	11 46.58	− 1 15.1	1.793	2.655	12.6	19.7
2 21	11 39.48	− 0 51.3	1.711	2.644	8.8	19.5
3 2	11 30.37	− 0 13.3	1.655	2.632	4.5	19.2
3 12	11 20.14	+ 0 34.4	1.627	2.620	1.3	18.9
3 22	11 9.88	+ 1 25.7	1.629	2.606	5.3	19.2
4 1	11 0.75	+ 2 13.9	1.658	2.592	9.8	19.4
4 11	10 53.65	+ 2 53.1	1.712	2.577	13.8	19.6

32331 2000 QK_{65} 3 10.1 139.°84 3.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.78	+12 10.4	2.749	3.552	10.5	18.7
2 11	11 39.89	+13 11.5	2.673	3.560	8.0	18.6
2 21	11 34.43	+14 17.2	2.622	3.568	5.4	18.4
3 2	11 27.85	+15 22.5	2.600	3.576	3.3	18.3
3 12	11 20.76	+16 22.0	2.608	3.583	3.6	18.3
3 22	11 13.83	+17 11.0	2.646	3.590	5.9	18.5
4 1	11 7.68	+17 46.4	2.712	3.597	8.5	18.6
4 11	11 2.85	+18 6.7	2.802	3.603	10.9	18.8

159899 2004 TB_{282} 3 10.1 124.°18 4.°1/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.86	−10 21.8	2.101	2.833	15.5	20.1
2 11	11 41.32	−10 24.6	2.009	2.838	12.9	19.9
2 21	11 35.71	−10 7.1	1.938	2.842	9.8	19.7
3 2	11 28.54	− 9 29.7	1.891	2.846	6.5	19.6
3 12	11 20.60	− 8 35.2	1.871	2.850	4.2	19.4
3 22	11 12.77	− 7 29.0	1.880	2.854	5.1	19.5
4 1	11 5.95	− 6 17.9	1.916	2.858	8.2	19.7
4 11	11 0.85	− 5 9.2	1.978	2.861	11.4	19.9

55821 1995 JA_1 3 10.1 192.°59 7.°0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.48	+23 20.1	2.128	2.939	12.9	18.9
2 11	11 46.48	+24 29.1	2.057	2.937	10.4	18.8
2 21	11 39.15	+25 35.7	2.009	2.936	8.1	18.6
3 2	11 30.09	+26 31.5	1.988	2.934	7.1	18.6
3 12	11 20.24	+27 9.2	1.995	2.932	7.9	18.6
3 22	11 10.66	+27 24.1	2.029	2.929	10.1	18.7
4 1	11 2.32	+27 14.7	2.088	2.926	12.6	18.9
4 11	10 55.99	+26 42.7	2.167	2.922	15.1	19.0

498471 2008 CA_{51} 3 10.1 12.°07 2.°0/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.40	+ 9 31.8	1.698	2.511	15.5	20.3
2 11	11 44.38	+ 9 27.3	1.625	2.517	12.0	20.1
2 21	11 37.87	+ 9 28.9	1.574	2.523	7.9	19.9
3 2	11 29.52	+ 9 32.4	1.548	2.531	3.7	19.6
3 12	11 20.38	+ 9 32.6	1.550	2.539	2.6	19.6
3 22	11 11.57	+ 9 25.3	1.579	2.549	6.5	19.8
4 1	11 4.14	+ 9 7.9	1.634	2.560	10.6	20.1
4 11	10 58.88	+ 8 38.9	1.712	2.571	14.1	20.3

27418 2000 ET_{151} 3 10.1 325.°14 8.°7/18.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.42	−20 31.5	1.979	2.658	17.9	17.6
2 11	11 40.64	−21 24.5	1.877	2.649	15.9	17.4
2 21	11 35.54	−21 53.4	1.792	2.640	13.5	17.3
3 2	11 28.58	−21 54.2	1.728	2.631	11.0	17.1
3 12	11 20.57	−21 25.9	1.687	2.623	9.2	16.9
3 22	11 12.51	−20 30.9	1.672	2.615	8.8	16.9
4 1	11 5.46	−19 15.3	1.681	2.607	10.3	17.0
4 11	11 0.31	−17 48.3	1.714	2.600	12.8	17.1

344373 2001 XU_{149} 3 10.1 270.°15 3.°8/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.51	−10 2.2	2.437	3.163	13.8	20.6
2 11	11 40.02	−10 10.6	2.336	3.161	11.4	20.4
2 21	11 34.72	−10 2.0	2.257	3.158	8.7	20.3
3 2	11 28.07	− 9 36.6	2.203	3.156	5.9	20.1
3 12	11 20.71	− 8 56.5	2.176	3.153	3.9	19.9
3 22	11 13.41	− 8 5.6	2.178	3.151	4.7	20.0
4 1	11 6.93	− 7 9.4	2.208	3.149	7.4	20.1
4 11	11 1.90	− 6 13.6	2.265	3.146	10.3	20.3

128857 2004 SV_{19} 3 10.1 255.°50 4.°6/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.40	− 7 22.4	1.671	2.426	18.1	20.3
2 11	11 46.44	− 7 56.7	1.569	2.414	15.1	20.0
2 21	11 39.66	− 8 11.7	1.486	2.401	11.4	19.8
3 2	11 30.55	− 8 6.0	1.426	2.388	7.4	19.5
3 12	11 20.10	− 7 41.0	1.392	2.375	4.7	19.3
3 22	11 9.53	− 7 1.2	1.386	2.361	6.4	19.4
4 1	11 0.19	− 6 13.7	1.406	2.348	10.5	19.6
4 11	10 53.15	− 5 26.5	1.449	2.334	14.7	19.8

100151 1993 TT_{17} 3 10.1 149.°79 0.°6/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.65	+ 3 27.8	2.237	3.017	13.3	21.0
2 11	11 43.98	+ 3 59.2	2.154	3.027	10.3	20.8
2 21	11 37.34	+ 4 41.7	2.094	3.036	6.9	20.6
3 2	11 29.23	+ 5 31.4	2.062	3.044	3.0	20.4
3 12	11 20.46	+ 6 22.9	2.059	3.051	1.2	20.3
3 22	11 11.88	+ 7 10.8	2.087	3.058	5.0	20.5
4 1	11 4.32	+ 7 50.2	2.142	3.065	8.6	20.8
4 11	10 58.45	+ 8 17.8	2.223	3.070	11.8	21.0

222286 2000 SR_{103} 3 10.1 205.°86 0.°7/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.48	+ 4 49.0	2.258	3.040	13.1	21.0
2 11	11 44.73	+ 5 5.0	2.162	3.036	10.2	20.8
2 21	11 37.92	+ 5 30.4	2.089	3.032	6.8	20.6
3 2	11 29.55	+ 6 2.0	2.044	3.026	3.1	20.4
3 12	11 20.38	+ 6 34.9	2.029	3.021	1.3	20.2
3 22	11 11.31	+ 7 4.6	2.043	3.015	5.1	20.5
4 1	11 3.22	+ 7 26.7	2.086	3.008	8.8	20.7
4 11	10 56.81	+ 7 38.3	2.154	3.001	12.1	20.9

119304 2001 SQ_{33} 3 10.1 329.°62 2.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.03	+ 7 24.9	1.339	2.169	17.9	18.6
2 11	11 42.79	+ 7 38.8	1.247	2.149	14.1	18.3
2 21	11 37.49	+ 8 5.3	1.176	2.129	9.5	18.0
3 2	11 29.63	+ 8 39.3	1.127	2.111	4.4	17.7
3 12	11 20.33	+ 9 12.6	1.103	2.093	3.0	17.5
3 22	11 11.01	+ 9 37.4	1.103	2.077	8.1	17.8
4 1	11 3.16	+ 9 46.9	1.127	2.061	13.4	18.0
4 11	10 57.95	+ 9 37.5	1.171	2.047	18.1	18.2

193889 2001 QW_{208} 3 10.1 206.°69 0.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.83	+ 1 45.3	1.742	2.528	16.3	21.3
2 11	11 46.45	+ 2 5.2	1.649	2.524	12.8	21.1
2 21	11 39.44	+ 2 40.6	1.578	2.519	8.7	20.8
3 2	11 30.36	+ 3 27.9	1.532	2.514	4.0	20.5
3 12	11 20.19	+ 4 21.0	1.515	2.508	1.0	20.2
3 22	11 10.11	+ 5 12.7	1.526	2.501	5.9	20.6
4 1	11 1.30	+ 5 56.2	1.563	2.494	10.6	20.8
4 11	10 54.68	+ 6 26.6	1.625	2.486	14.6	21.1

26222 1997 WC_{45} 3 10.1 189.°76 3.°4/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.95	−10 12.0	2.598	3.318	13.2	18.8
2 11	11 40.23	−10 8.2	2.496	3.317	10.9	18.7
2 21	11 34.80	− 9 47.5	2.416	3.316	8.3	18.5
3 2	11 28.10	− 9 10.5	2.361	3.315	5.5	18.3
3 12	11 20.74	− 8 19.6	2.334	3.313	3.5	18.2
3 22	11 13.45	− 7 19.0	2.337	3.311	4.4	18.2
4 1	11 6.93	− 6 14.2	2.370	3.309	7.0	18.4
4 11	11 1.78	− 5 10.7	2.428	3.306	9.8	18.6

434850 2006 SV_{157} 3 10.1 242.°98 0.°7/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 42.17	− 2 16.6	2.516	3.281	12.4	21.9
2 11	11 38.92	− 1 34.7	2.411	3.272	9.8	21.7
2 21	11 33.98	− 0 37.7	2.329	3.263	6.8	21.5
3 2	11 27.74	+ 0 31.7	2.275	3.253	3.4	21.3
3 12	11 20.83	+ 1 48.6	2.251	3.244	0.8	21.0
3 22	11 13.95	+ 3 7.3	2.256	3.234	4.1	21.3
4 1	11 7.83	+ 4 21.6	2.291	3.224	7.6	21.5
4 11	11 3.06	+ 5 26.6	2.352	3.213	10.7	21.7

297575 2001 RM_{116} 3 10.1 234.°73 1.°3/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.28	+ 5 29.3	1.611	2.411	16.8	20.7
2 11	11 47.84	+ 5 44.5	1.519	2.403	13.2	20.5
2 21	11 40.53	+ 6 12.2	1.449	2.395	8.8	20.2
3 2	11 30.91	+ 6 47.9	1.403	2.386	4.0	19.9
3 12	11 20.07	+ 7 24.9	1.385	2.377	1.9	19.7
3 22	11 9.30	+ 7 56.4	1.395	2.368	6.8	20.0
4 1	10 59.93	+ 8 16.5	1.431	2.358	11.7	20.3
4 11	10 52.99	+ 8 21.5	1.489	2.348	15.9	20.5

55138 2001 QL_{185} 3 10.1 199.°39 1.°9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.67	− 3 46.9	2.173	2.929	14.4	20.2
2 11	11 43.45	− 3 39.6	2.074	2.927	11.6	20.0
2 21	11 37.14	− 3 16.6	1.997	2.923	8.2	19.8
3 2	11 29.22	− 2 39.4	1.947	2.920	4.6	19.6
3 12	11 20.48	− 1 51.8	1.925	2.915	1.9	19.4
3 22	11 11.80	− 0 59.1	1.932	2.911	4.6	19.5
4 1	11 4.08	− 0 7.0	1.968	2.905	8.3	19.8
4 11	10 58.07	+ 0 38.7	2.030	2.900	11.8	20.0

238801 2005 LF_{36} 3 10.1 57.°54 3.°9/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.86	+13 43.3	2.177	2.989	12.5	20.2
2 11	11 41.97	+14 34.7	2.099	2.991	9.7	20.0
2 21	11 36.07	+15 30.6	2.046	2.992	6.6	19.8
3 2	11 28.69	+16 24.8	2.020	2.994	4.2	19.7
3 12	11 20.62	+17 10.8	2.022	2.996	4.6	19.7
3 22	11 12.75	+17 43.5	2.053	2.998	7.3	19.9
4 1	11 5.92	+17 59.5	2.110	2.999	10.4	20.1
4 11	11 0.79	+17 57.8	2.189	3.001	13.2	20.3

3044 Saltykov 3 10.1 232.°47 5.°6/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.61	−16 25.9	2.517	3.199	14.4	17.2
2 11	11 40.94	−16 40.9	2.404	3.190	12.4	17.1
2 21	11 35.41	−16 36.1	2.312	3.180	10.0	16.9
3 2	11 28.44	−16 10.2	2.244	3.169	7.6	16.7
3 12	11 20.67	−15 24.2	2.202	3.159	5.8	16.6
3 22	11 12.89	−14 21.4	2.189	3.148	5.9	16.6
4 1	11 5.88	−13 7.3	2.203	3.136	7.8	16.7
4 11	11 0.35	−11 48.9	2.245	3.124	10.4	16.8

457392 2008 TX_{63} 3 10.1 188.°96 0.°3/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.96	+ 0 17.5	1.774	2.557	16.2	22.9
2 11	11 45.68	+ 0 44.6	1.684	2.556	12.8	22.6
2 21	11 38.87	+ 1 28.8	1.616	2.555	8.7	22.4
3 2	11 30.08	+ 2 26.5	1.573	2.553	4.1	22.1
3 12	11 20.29	+ 3 31.2	1.558	2.551	0.9	21.8
3 22	11 10.61	+ 4 35.4	1.572	2.548	5.7	22.2
4 1	11 2.18	+ 5 31.7	1.613	2.544	10.2	22.4
4 11	10 55.89	+ 6 14.7	1.678	2.540	14.2	22.7

297743 2001 XH_{13} 3 10.1 77.°83 5.°6/16.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.14	−14 24.3	2.441	3.132	14.6	20.4
2 11	11 43.50	−15 6.7	2.358	3.150	12.4	20.3
2 21	11 36.99	−15 31.4	2.296	3.168	9.9	20.2
3 2	11 29.09	−15 37.0	2.258	3.186	7.4	20.0
3 12	11 20.54	−15 24.6	2.248	3.204	5.8	19.9
3 22	11 12.16	−14 56.9	2.265	3.222	5.9	20.0
4 1	11 4.72	−14 18.5	2.311	3.240	7.7	20.1
4 11	10 58.88	−13 35.3	2.383	3.257	10.1	20.3

20894 Krumeich 3 10.1 226.°19 2.°4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.08	+ 8 39.0	2.060	2.863	13.5	19.4
2 11	11 43.08	+ 9 19.1	1.972	2.859	10.4	19.2
2 21	11 36.92	+10 8.0	1.907	2.855	6.9	19.0
3 2	11 29.13	+11 0.4	1.869	2.851	3.4	18.8
3 12	11 20.53	+11 49.8	1.860	2.846	3.0	18.7
3 22	11 12.05	+12 30.4	1.880	2.841	6.5	18.9
4 1	11 4.63	+12 57.4	1.926	2.837	10.1	19.1
4 11	10 59.01	+13 8.6	1.996	2.832	13.4	19.3

416953 2005 SE_{196} 3 10.1 61.°21 1.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.65	+ 5 54.5	1.682	2.487	15.9	21.6
2 11	11 44.59	+ 6 17.9	1.610	2.498	12.3	21.4
2 21	11 38.03	+ 6 52.6	1.561	2.509	8.2	21.1
3 2	11 29.63	+ 7 33.6	1.537	2.520	3.6	20.9
3 12	11 20.42	+ 8 14.1	1.541	2.532	2.1	20.8
3 22	11 11.54	+ 8 47.8	1.572	2.543	6.4	21.1
4 1	11 4.04	+ 9 9.7	1.629	2.555	10.6	21.4
4 11	10 58.71	+ 9 16.9	1.709	2.566	14.2	21.6

474587 2004 HD_{25} 3 10.1 322.°42 6.°2/ 4.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.36	+20 26.1	2.004	2.823	13.2	20.9
2 11	11 44.24	+21 14.1	1.922	2.811	10.5	20.7
2 21	11 37.78	+22 1.7	1.863	2.800	7.9	20.5
3 2	11 29.54	+22 41.2	1.830	2.790	6.3	20.4
3 12	11 20.44	+23 5.7	1.824	2.779	7.0	20.4
3 22	11 11.52	+23 10.1	1.845	2.769	9.5	20.6
4 1	11 3.80	+22 52.5	1.891	2.760	12.4	20.7
4 11	10 58.07	+22 13.9	1.959	2.751	15.2	20.9

457533 2008 WV_{81} 3 10.1 107.°29 2.°0/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.81	+ 5 21.0	1.639	2.441	16.5	22.0
2 11	11 46.26	+ 6 13.5	1.574	2.460	12.7	21.8
2 21	11 39.12	+ 7 19.4	1.532	2.479	8.3	21.6
3 2	11 30.12	+ 8 32.1	1.515	2.497	3.8	21.3
3 12	11 20.33	+ 9 42.8	1.526	2.515	2.7	21.3
3 22	11 10.94	+10 43.5	1.565	2.532	6.9	21.6
4 1	11 3.06	+11 28.1	1.631	2.549	11.1	21.9
4 11	10 57.44	+11 53.8	1.719	2.565	14.7	22.1

168028 2005 JK_{94} 3 10.1 156.°11 3.°4/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.11	+13 52.3	2.502	3.305	11.4	20.4
2 11	11 42.64	+14 35.0	2.423	3.309	8.8	20.2
2 21	11 36.37	+15 20.9	2.368	3.313	6.0	20.0
3 2	11 28.80	+16 5.1	2.342	3.316	3.7	19.9
3 12	11 20.63	+16 42.1	2.345	3.319	4.0	19.9
3 22	11 12.65	+17 7.8	2.377	3.322	6.5	20.1
4 1	11 5.59	+17 19.3	2.437	3.325	9.2	20.3
4 11	11 0.06	+17 15.8	2.521	3.327	11.8	20.4

99665 2002 HW_{16} 3 10.1 226.°88 1.°1/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.56	− 1 4.2	2.521	3.280	12.5	20.2
2 11	11 43.11	− 0 58.2	2.413	3.269	10.0	20.0
2 21	11 36.80	− 0 40.2	2.328	3.258	7.0	19.8
3 2	11 29.06	− 0 12.0	2.270	3.246	3.6	19.6
3 12	11 20.55	+ 0 22.9	2.242	3.234	1.1	19.4
3 22	11 12.05	+ 1 0.5	2.244	3.221	4.1	19.6
4 1	11 4.35	+ 1 36.3	2.275	3.208	7.6	19.8
4 11	10 58.10	+ 2 6.2	2.333	3.194	10.8	19.9

133849 2003 YY_{78} 3 10.1 137.°64 0.°8/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.35	− 0 32.3	2.056	2.824	14.7	20.3
2 11	11 45.47	− 0 16.9	1.975	2.837	11.6	20.2
2 21	11 38.42	+ 0 12.8	1.915	2.850	8.0	19.9
3 2	11 29.78	+ 0 53.8	1.883	2.861	3.9	19.7
3 12	11 20.40	+ 1 41.3	1.879	2.872	0.9	19.5
3 22	11 11.25	+ 2 29.6	1.906	2.883	4.8	19.8
4 1	11 3.26	+ 3 13.0	1.960	2.892	8.7	20.1
4 11	10 57.11	+ 3 47.2	2.040	2.901	12.1	20.3

197191 2003 VE 3 10.1 34.°33 18.°0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.52	−28 18.6	1.052	1.749	29.7	19.7
2 11	11 45.13	−30 38.5	0.988	1.754	27.4	19.5
2 21	11 39.75	−32 18.0	0.935	1.759	24.6	19.3
3 2	11 30.91	−33 4.1	0.895	1.765	21.8	19.1
3 12	11 20.07	−32 48.3	0.870	1.771	19.3	19.0
3 22	11 9.29	−31 30.6	0.861	1.778	18.1	19.0
4 1	11 0.70	−29 21.7	0.870	1.786	18.5	19.0
4 11	10 55.83	−26 42.1	0.897	1.794	20.4	19.1

354583 2004 VX_{32} 3 10.1 203.°58 4.°0/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.50	+11 33.0	1.917	2.724	14.2	21.5
2 11	11 45.97	+12 35.8	1.831	2.720	11.0	21.3
2 21	11 38.99	+13 47.1	1.768	2.714	7.5	21.0
3 2	11 30.13	+14 59.6	1.732	2.709	4.4	20.8
3 12	11 20.31	+16 4.9	1.724	2.702	4.7	20.8
3 22	11 10.62	+16 55.8	1.746	2.695	8.0	21.0
4 1	11 2.12	+17 27.4	1.793	2.687	11.7	21.2
4 11	10 55.67	+17 37.9	1.863	2.678	15.0	21.4

201717 2003 UM_{183} 3 10.1 143.°31 0.°4/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.19	+ 2 53.3	2.268	3.051	13.1	21.0
2 11	11 42.11	+ 3 18.4	2.182	3.056	10.2	20.8
2 21	11 36.12	+ 3 54.7	2.119	3.061	6.8	20.6
3 2	11 28.73	+ 4 38.7	2.083	3.065	3.0	20.3
3 12	11 20.66	+ 5 25.4	2.077	3.070	1.0	20.2
3 22	11 12.76	+ 6 9.6	2.100	3.074	4.8	20.5
4 1	11 5.80	+ 6 46.7	2.151	3.078	8.3	20.7
4 11	11 0.45	+ 7 13.1	2.228	3.081	11.5	20.9

365141 2009 DN_{55} 3 10.1 335.°50 1.°4/ 9.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.06	+ 4 1.6	1.309	2.134	18.5	21.2
2 11	11 41.96	+ 4 33.4	1.227	2.125	14.5	20.9
2 21	11 36.85	+ 5 23.8	1.164	2.117	9.7	20.6
3 2	11 29.32	+ 6 27.1	1.125	2.109	4.3	20.3
3 12	11 20.50	+ 7 34.1	1.110	2.102	2.2	20.1
3 22	11 11.80	+ 8 34.7	1.120	2.096	7.7	20.4
4 1	11 4.64	+ 9 20.2	1.154	2.090	13.0	20.7
4 11	11 0.07	+ 9 45.0	1.208	2.085	17.6	20.9

135397 2001 TZ_{208} 3 10.1 216.°35 1.°9/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.19	+ 7 21.3	2.543	3.337	11.5	20.9
2 11	11 40.44	+ 8 8.5	2.449	3.332	8.8	20.8
2 21	11 34.96	+ 9 4.1	2.380	3.327	5.8	20.6
3 2	11 28.20	+10 3.8	2.339	3.321	2.8	20.3
3 12	11 20.79	+11 2.2	2.328	3.315	2.4	20.3
3 22	11 13.46	+11 54.0	2.347	3.309	5.3	20.5
4 1	11 6.93	+12 35.0	2.394	3.303	8.5	20.7
4 11	11 1.80	+13 2.5	2.466	3.296	11.3	20.8

501376 2013 YS_{51} 3 10.1 83.°86 5.°0/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.10	+16 25.5	2.225	3.043	12.1	21.2
2 11	11 40.62	+17 44.7	2.153	3.046	9.4	21.0
2 21	11 35.18	+19 7.2	2.105	3.048	6.7	20.8
3 2	11 28.31	+20 25.8	2.085	3.050	5.1	20.7
3 12	11 20.77	+21 33.0	2.094	3.053	5.9	20.8
3 22	11 13.40	+22 23.0	2.130	3.055	8.3	20.9
4 1	11 7.03	+22 52.5	2.192	3.058	11.1	21.1
4 11	11 2.30	+23 1.0	2.275	3.060	13.6	21.3

210920 2001 SV_{313} 3 10.1 66.°56 5.°7/ 3.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.75	+19 26.8	2.154	2.971	12.5	20.0
2 11	11 42.63	+20 32.5	2.093	2.983	9.8	19.8
2 21	11 36.48	+21 37.9	2.058	2.996	7.2	19.7
3 2	11 28.87	+22 35.8	2.049	3.008	5.8	19.6
3 12	11 20.66	+23 19.3	2.068	3.020	6.5	19.7
3 22	11 12.76	+23 44.1	2.114	3.033	8.7	19.8
4 1	11 6.00	+23 48.0	2.186	3.045	11.3	20.0
4 11	11 1.02	+23 32.0	2.279	3.058	13.7	20.2

226889 2004 TY_{134} 3 10.1 228.°79 1.°7/ 8.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.01	+ 6 21.8	2.044	2.842	13.8	20.8
2 11	11 43.06	+ 6 55.7	1.953	2.837	10.7	20.6
2 21	11 36.94	+ 7 40.0	1.886	2.832	7.1	20.4
3 2	11 29.17	+ 8 30.1	1.845	2.828	3.2	20.1
3 12	11 20.57	+ 9 19.8	1.833	2.823	2.2	20.0
3 22	11 12.08	+10 3.1	1.850	2.817	6.0	20.3
4 1	11 4.64	+10 35.0	1.893	2.812	9.8	20.5
4 11	10 59.00	+10 52.4	1.961	2.806	13.2	20.7

167590 2004 BR_{105} 3 10.1 81.°18 2.°1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.75	− 3 14.4	2.179	2.937	14.3	19.9
2 11	11 43.37	− 3 24.9	2.096	2.949	11.4	19.8
2 21	11 36.99	− 3 21.5	2.035	2.960	8.1	19.6
3 2	11 29.13	− 3 5.6	2.000	2.972	4.6	19.4
3 12	11 20.60	− 2 40.2	1.994	2.984	2.1	19.2
3 22	11 12.26	− 2 9.7	2.017	2.995	4.4	19.4
4 1	11 4.96	− 1 38.8	2.068	3.006	7.9	19.6
4 11	10 59.35	− 1 12.2	2.145	3.018	11.1	19.8

501404 2013 YE_{95} 3 10.1 291.°04 4.°6/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.58	+15 6.5	2.266	3.082	12.0	21.2
2 11	11 40.21	+16 21.4	2.187	3.080	9.3	21.1
2 21	11 34.93	+17 40.7	2.133	3.078	6.5	20.9
3 2	11 28.22	+18 57.7	2.107	3.076	4.7	20.8
3 12	11 20.81	+20 5.0	2.109	3.074	5.4	20.8
3 22	11 13.55	+20 56.9	2.140	3.071	7.9	20.9
4 1	11 7.23	+21 29.6	2.196	3.069	10.7	21.1
4 11	11 2.50	+21 42.1	2.275	3.067	13.3	21.3

172111 2002 GV_{87} 3 10.1 268.°59 1.°8/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.11	+ 4 23.8	1.669	2.475	16.0	20.3
2 11	11 43.01	+ 5 14.6	1.572	2.461	12.5	20.1
2 21	11 37.30	+ 6 22.4	1.497	2.446	8.3	19.8
3 2	11 29.48	+ 7 41.5	1.447	2.430	3.8	19.5
3 12	11 20.50	+ 9 3.5	1.425	2.415	2.5	19.4
3 22	11 11.50	+10 19.0	1.430	2.399	7.1	19.6
4 1	11 3.69	+11 19.8	1.461	2.384	11.8	19.8
4 11	10 58.04	+12 0.8	1.514	2.368	15.9	20.0

193115 2000 GY_{170} 3 10.1 349.°55 0.°4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.79	+ 2 52.9	1.234	2.051	19.9	19.9
2 11	11 46.61	+ 2 38.6	1.156	2.047	15.8	19.6
2 21	11 40.07	+ 2 40.2	1.096	2.044	10.8	19.3
3 2	11 30.83	+ 2 54.5	1.059	2.041	5.1	19.0
3 12	11 20.19	+ 3 15.8	1.046	2.039	1.1	18.7
3 22	11 9.74	+ 3 36.8	1.058	2.038	7.1	19.1
4 1	11 1.07	+ 3 50.6	1.094	2.037	12.7	19.4
4 11	10 55.33	+ 3 52.2	1.150	2.037	17.5	19.7

23025 1999 WR_{9} 3 10.1 347.°97 3.°0/13.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.11	− 6 52.7	2.382	3.127	13.6	17.7
2 11	11 39.75	− 7 2.2	2.284	3.124	11.1	17.6
2 21	11 34.59	− 6 56.4	2.207	3.122	8.2	17.4
3 2	11 28.07	− 6 36.0	2.157	3.120	5.2	17.2
3 12	11 20.85	− 6 3.4	2.134	3.118	3.1	17.0
3 22	11 13.70	− 5 22.7	2.139	3.116	4.4	17.1
4 1	11 7.38	− 4 38.7	2.173	3.115	7.4	17.3
4 11	11 2.52	− 3 56.6	2.233	3.114	10.4	17.5

408007 2012 DH_{94} 3 10.1 119.°98 2.°6/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.19	+ 6 54.3	1.809	2.615	15.0	21.8
2 11	11 43.35	+ 7 58.9	1.736	2.625	11.5	21.6
2 21	11 37.17	+ 9 15.7	1.686	2.635	7.5	21.4
3 2	11 29.27	+10 37.6	1.663	2.645	3.7	21.2
3 12	11 20.59	+11 56.3	1.668	2.654	3.3	21.2
3 22	11 12.16	+13 3.7	1.701	2.663	7.0	21.4
4 1	11 4.99	+13 54.0	1.761	2.672	10.9	21.6
4 11	10 59.81	+14 24.4	1.844	2.680	14.3	21.9

112294 2002 LU_{36} 3 10.1 251.°98 0.°8/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.14	− 1 12.5	1.921	2.697	15.3	20.7
2 11	11 43.49	− 0 46.4	1.813	2.681	12.2	20.5
2 21	11 37.47	− 0 2.4	1.727	2.663	8.5	20.2
3 2	11 29.53	+ 0 56.7	1.666	2.645	4.2	19.9
3 12	11 20.50	+ 2 5.6	1.634	2.627	0.9	19.6
3 22	11 11.40	+ 3 17.1	1.630	2.608	5.3	19.9
4 1	11 3.30	+ 4 23.7	1.654	2.588	9.8	20.1
4 11	10 57.10	+ 5 18.8	1.702	2.568	13.8	20.3

26156 1994 WT 3 10.1 153.°13 2.°5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.72	+ 9 8.0	2.218	3.013	12.9	19.5
2 11	11 44.86	+ 9 54.8	2.140	3.022	10.0	19.3
2 21	11 37.97	+10 49.3	2.085	3.031	6.6	19.1
3 2	11 29.58	+11 45.9	2.058	3.039	3.3	18.9
3 12	11 20.52	+12 38.4	2.061	3.046	3.1	18.9
3 22	11 11.68	+13 21.3	2.094	3.052	6.2	19.1
4 1	11 3.90	+13 50.6	2.155	3.058	9.6	19.3
4 11	10 57.87	+14 4.3	2.240	3.063	12.5	19.5

301607 2010 CP_{153} 3 10.1 269.°79 0.°6/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.39	+ 4 46.2	1.555	2.353	17.3	20.8
2 11	11 49.02	+ 4 43.2	1.454	2.336	13.8	20.5
2 21	11 41.57	+ 4 52.2	1.373	2.318	9.4	20.2
3 2	11 31.55	+ 5 9.9	1.317	2.300	4.3	19.9
3 12	11 20.03	+ 5 30.7	1.288	2.281	1.4	19.6
3 22	11 8.42	+ 5 48.5	1.287	2.262	6.8	19.9
4 1	10 58.17	+ 5 57.4	1.311	2.243	12.1	20.2
4 11	10 50.48	+ 5 53.6	1.358	2.224	16.7	20.4

303358 2004 TO_{346} 3 10.1 196.°37 0.°0/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.10	+ 2 6.8	1.870	2.652	15.5	21.2
2 11	11 46.48	+ 2 25.4	1.777	2.650	12.2	21.0
2 21	11 39.38	+ 2 57.9	1.707	2.647	8.2	20.7
3 2	11 30.36	+ 3 41.0	1.662	2.644	3.8	20.5
3 12	11 20.35	+ 4 28.9	1.646	2.640	0.9	20.2
3 22	11 10.44	+ 5 15.3	1.660	2.635	5.6	20.6
4 1	11 1.74	+ 5 54.0	1.700	2.629	10.0	20.8
4 11	10 55.09	+ 6 20.7	1.765	2.623	13.8	21.0

202914 1997 PA 3 10.1 197.°20 2.°6/12.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.21	− 5 16.6	2.170	2.910	14.9	21.0
2 11	11 47.05	− 5 21.7	2.066	2.907	12.1	20.8
2 21	11 39.64	− 5 10.9	1.984	2.902	8.8	20.6
3 2	11 30.45	− 4 44.8	1.929	2.897	5.2	20.4
3 12	11 20.32	− 4 6.3	1.903	2.890	2.7	20.2
3 22	11 10.22	− 3 20.2	1.906	2.883	4.8	20.3
4 1	11 1.12	− 2 32.3	1.939	2.875	8.5	20.5
4 11	10 53.85	− 1 48.3	1.998	2.865	12.0	20.7

370730 2004 RQ_{75} 3 10.1 204.°89 0.°8/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.08	+ 4 6.2	2.522	3.301	12.0	22.4
2 11	11 42.70	+ 4 40.4	2.423	3.296	9.3	22.2
2 21	11 36.51	+ 5 24.8	2.348	3.289	6.2	22.0
3 2	11 28.95	+ 6 15.7	2.301	3.283	2.8	21.8
3 12	11 20.69	+ 7 8.4	2.284	3.275	1.3	21.7
3 22	11 12.49	+ 7 57.8	2.297	3.267	4.8	21.9
4 1	11 5.11	+ 8 39.3	2.340	3.259	8.2	22.1
4 11	10 59.20	+ 9 9.6	2.408	3.249	11.2	22.3

121050 1999 CX_{49} 3 10.1 328.°78 6.°7/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.43	+14 17.9	1.237	2.083	18.1	18.6
2 11	11 43.33	+15 33.2	1.162	2.072	14.2	18.3
2 21	11 37.94	+16 58.6	1.108	2.061	10.0	18.0
3 2	11 29.90	+18 22.7	1.076	2.051	6.9	17.8
3 12	11 20.47	+19 31.9	1.068	2.041	7.9	17.9
3 22	11 11.21	+20 15.6	1.084	2.032	11.9	18.0
4 1	11 3.69	+20 27.9	1.122	2.024	16.3	18.3
4 11	10 59.01	+20 8.6	1.177	2.017	20.4	18.5

170141 2003 AQ_{76} 3 10.1 31.°30 7.°6/ 3.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.89	+21 39.6	1.586	2.417	15.5	19.1
2 11	11 44.85	+22 40.8	1.543	2.438	12.3	18.9
2 21	11 38.17	+23 38.4	1.523	2.460	9.3	18.8
3 2	11 29.68	+24 22.9	1.527	2.484	7.6	18.7
3 12	11 20.58	+24 46.4	1.557	2.507	8.4	18.8
3 22	11 12.08	+24 45.1	1.611	2.532	10.8	19.0
4 1	11 5.25	+24 18.8	1.689	2.557	13.7	19.3
4 11	11 0.74	+23 30.4	1.788	2.583	16.3	19.5

465141 2007 BH_{37} 3 10.1 26.°44 1.°1/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.35	− 0 36.5	1.654	2.444	16.8	21.4
2 11	11 43.00	− 0 28.6	1.572	2.447	13.3	21.2
2 21	11 37.14	− 0 3.5	1.511	2.451	9.2	21.0
3 2	11 29.35	+ 0 35.8	1.475	2.454	4.6	20.7
3 12	11 20.62	+ 1 23.8	1.465	2.458	1.2	20.5
3 22	11 12.08	+ 2 13.7	1.482	2.462	5.5	20.8
4 1	11 4.84	+ 2 58.5	1.526	2.466	10.0	21.0
4 11	10 59.74	+ 3 32.4	1.593	2.471	14.0	21.3

380454 2003 TC_{35} 3 10.1 155.°20 3.°9/14.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.67	−11 50.8	2.503	3.215	13.8	22.5
2 11	11 40.85	−11 45.1	2.407	3.221	11.5	22.4
2 21	11 35.27	−11 20.9	2.332	3.226	8.8	22.2
3 2	11 28.38	−10 38.7	2.282	3.231	6.0	22.0
3 12	11 20.85	− 9 40.9	2.260	3.236	4.0	21.9
3 22	11 13.42	− 8 32.3	2.268	3.240	4.6	21.9
4 1	11 6.83	− 7 18.8	2.305	3.244	7.2	22.1
4 11	11 1.69	− 6 6.5	2.368	3.247	9.9	22.3

414776 2010 PE_{59} 3 10.1 278.°87 2.°6/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.65	− 3 44.0	1.616	2.394	17.7	21.5
2 11	11 44.36	− 3 51.9	1.515	2.380	14.4	21.2
2 21	11 38.33	− 3 40.3	1.434	2.365	10.4	20.9
3 2	11 30.03	− 3 9.8	1.377	2.351	5.9	20.6
3 12	11 20.44	− 2 24.4	1.346	2.336	2.6	20.4
3 22	11 10.78	− 1 30.5	1.341	2.321	5.9	20.5
4 1	11 2.33	− 0 36.0	1.363	2.307	10.6	20.8
4 11	10 56.16	+ 0 11.3	1.408	2.292	15.1	21.0

494991 2010 CM_{229} 3 10.1 157.°82 11.°0/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.02	−30 31.8	2.065	2.654	19.4	21.5
2 11	11 45.03	−31 17.7	1.973	2.661	17.7	21.3
2 21	11 38.51	−31 33.7	1.894	2.668	15.7	21.2
3 2	11 30.01	−31 14.7	1.834	2.674	13.6	21.0
3 12	11 20.47	−30 18.6	1.795	2.679	11.9	20.9
3 22	11 11.04	−28 47.9	1.780	2.683	11.0	20.9
4 1	11 2.84	−26 49.9	1.790	2.687	11.5	20.9
4 11	10 56.77	−24 35.7	1.825	2.690	13.1	21.0

444628 2006 WQ_1 3 10.1 219.°68 13.°3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 58.82	+19 12.5	0.965	1.811	22.0	21.6
2 11	11 55.49	+22 30.4	0.897	1.801	17.9	21.3
2 21	11 47.29	+26 6.7	0.849	1.789	14.4	21.0
3 2	11 34.67	+29 35.3	0.825	1.775	13.4	20.9
3 12	11 19.33	+32 26.2	0.823	1.758	16.0	21.0
3 22	11 3.85	+34 18.2	0.842	1.740	20.5	21.1
4 1	10 50.95	+35 4.8	0.879	1.720	25.3	21.4
4 11	10 42.51	+34 53.3	0.928	1.698	29.6	21.6

138726 2000 SY_{176} 3 10.1 184.°34 5.°1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.95	−15 43.7	2.615	3.303	13.8	19.8
2 11	11 39.54	−15 54.5	2.513	3.303	11.8	19.6
2 21	11 34.42	−15 46.5	2.431	3.303	9.5	19.4
3 2	11 28.01	−15 18.8	2.373	3.302	7.1	19.3
3 12	11 20.96	−14 33.1	2.343	3.302	5.3	19.2
3 22	11 13.95	−13 32.9	2.340	3.302	5.4	19.2
4 1	11 7.73	−12 23.4	2.366	3.301	7.2	19.3
4 11	11 2.87	−11 10.9	2.419	3.301	9.7	19.4

430347 2013 YK_{104} 3 10.1 65.°84 4.°6/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.48	+15 35.7	2.255	3.071	12.0	21.0
2 11	11 40.86	+16 42.8	2.184	3.077	9.3	20.9
2 21	11 35.34	+17 53.3	2.138	3.082	6.5	20.7
3 2	11 28.42	+19 0.3	2.119	3.088	4.7	20.6
3 12	11 20.88	+19 57.1	2.129	3.094	5.3	20.6
3 22	11 13.54	+20 38.5	2.167	3.100	7.7	20.8
4 1	11 7.20	+21 1.3	2.231	3.106	10.5	21.0
4 11	11 2.47	+21 5.0	2.317	3.112	13.0	21.2

55431 2001 TG_{55} 3 10.1 208.°81 1.°7/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.48	− 3 32.5	2.423	3.180	13.0	19.6
2 11	11 40.76	− 3 25.4	2.326	3.179	10.5	19.4
2 21	11 35.26	− 3 4.3	2.252	3.178	7.4	19.2
3 2	11 28.41	− 2 31.0	2.203	3.176	4.1	19.0
3 12	11 20.88	− 1 48.8	2.184	3.175	1.7	18.8
3 22	11 13.43	− 1 2.2	2.194	3.173	4.1	19.0
4 1	11 6.81	− 0 16.3	2.233	3.171	7.4	19.2
4 11	11 1.65	+ 0 24.4	2.298	3.169	10.5	19.4

472370 2015 BX_{59} 3 10.1 323.°70 4.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.33	+10 43.5	1.825	2.647	14.2	20.4
2 11	11 40.53	+11 57.6	1.743	2.641	11.0	20.2
2 21	11 35.43	+13 21.9	1.684	2.634	7.4	20.0
3 2	11 28.58	+14 48.7	1.651	2.629	4.4	19.8
3 12	11 20.83	+16 9.0	1.645	2.623	4.9	19.8
3 22	11 13.22	+17 14.5	1.667	2.618	8.2	20.0
4 1	11 6.73	+17 59.7	1.715	2.613	11.9	20.2
4 11	11 2.15	+18 22.1	1.784	2.608	15.2	20.4

117662 2005 EU_{198} 3 10.1 268.°37 0.°5/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.87	+ 0 15.9	1.824	2.608	15.7	21.1
2 11	11 44.24	+ 0 31.9	1.716	2.588	12.6	20.9
2 21	11 38.10	+ 1 4.3	1.629	2.568	8.7	20.6
3 2	11 29.90	+ 1 50.6	1.567	2.547	4.2	20.3
3 12	11 20.51	+ 2 45.4	1.533	2.526	0.9	20.0
3 22	11 11.00	+ 3 42.1	1.527	2.505	5.7	20.3
4 1	11 2.54	+ 4 33.4	1.548	2.483	10.3	20.5
4 11	10 56.10	+ 5 13.2	1.593	2.461	14.5	20.7

424747 2008 SC_{305} 3 10.1 98.°29 1.°8/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.48	− 6 19.2	2.183	2.936	14.4	21.3
2 11	11 40.10	− 5 36.1	2.100	2.950	11.6	21.2
2 21	11 34.83	− 4 33.8	2.039	2.963	8.2	21.0
3 2	11 28.20	− 3 15.1	2.004	2.976	4.6	20.8
3 12	11 20.95	− 1 45.7	1.999	2.989	1.8	20.6
3 22	11 13.88	− 0 12.6	2.022	3.002	4.3	20.8
4 1	11 7.78	+ 1 16.8	2.075	3.014	7.8	21.0
4 11	11 3.27	+ 2 36.0	2.154	3.027	11.1	21.3

211230 2002 PO_{133} 3 10.1 251.°07 0.°9/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.69	− 1 2.4	1.921	2.698	15.3	21.2
2 11	11 43.93	− 0 42.9	1.815	2.682	12.3	21.0
2 21	11 37.78	− 0 6.5	1.730	2.666	8.5	20.7
3 2	11 29.72	+ 0 44.4	1.670	2.649	4.2	20.4
3 12	11 20.57	+ 1 44.8	1.638	2.631	1.0	20.1
3 22	11 11.35	+ 2 47.9	1.636	2.614	5.3	20.4
4 1	11 3.16	+ 3 46.6	1.660	2.595	9.7	20.6
4 11	10 56.87	+ 4 34.8	1.709	2.577	13.7	20.8

244704 2003 QM_{26} 3 10.1 247.°42 2.°4/11.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.63	− 3 11.1	1.933	2.693	15.8	21.2
2 11	11 47.07	− 3 23.8	1.822	2.675	12.9	21.0
2 21	11 39.96	− 3 20.9	1.731	2.657	9.3	20.7
3 2	11 30.76	− 3 3.1	1.666	2.638	5.2	20.4
3 12	11 20.33	− 2 33.2	1.629	2.619	2.4	20.2
3 22	11 9.76	− 1 55.9	1.621	2.598	5.3	20.4
4 1	11 0.23	− 1 17.4	1.640	2.578	9.7	20.6
4 11	10 52.69	− 0 43.6	1.685	2.556	13.7	20.8

78614 2002 SF_{58} 3 10.1 80.°46 5.°6/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.61	+18 49.5	2.142	2.958	12.6	19.3
2 11	11 43.34	+19 52.8	2.080	2.969	9.9	19.1
2 21	11 37.00	+20 56.3	2.042	2.981	7.2	19.0
3 2	11 29.18	+21 52.8	2.031	2.992	5.6	18.9
3 12	11 20.74	+22 35.6	2.048	3.004	6.3	18.9
3 22	11 12.60	+23 0.0	2.093	3.015	8.6	19.1
4 1	11 5.62	+23 4.0	2.163	3.026	11.3	19.3
4 11	11 0.44	+22 48.1	2.254	3.038	13.7	19.5

375430 2008 TA_{33} 3 10.1 113.°30 0.°7/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.29	+ 3 2.4	2.126	2.915	13.6	21.7
2 11	11 41.58	+ 3 38.4	2.043	2.921	10.6	21.5
2 21	11 35.87	+ 4 26.7	1.984	2.927	7.0	21.3
3 2	11 28.70	+ 5 23.1	1.951	2.933	3.1	21.1
3 12	11 20.84	+ 6 21.9	1.947	2.939	1.2	21.0
3 22	11 13.15	+ 7 17.1	1.972	2.945	5.1	21.2
4 1	11 6.47	+ 8 3.2	2.025	2.950	8.8	21.5
4 11	11 1.45	+ 8 36.5	2.102	2.956	12.1	21.7

299507 2006 CN_5 3 10.1 326.°75 2.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.70	+ 4 1.9	1.395	2.215	17.9	20.4
2 11	11 42.26	+ 5 6.4	1.315	2.212	13.9	20.1
2 21	11 36.96	+ 6 31.1	1.257	2.209	9.2	19.8
3 2	11 29.39	+ 8 8.5	1.222	2.206	4.2	19.5
3 12	11 20.67	+ 9 47.5	1.214	2.203	3.1	19.4
3 22	11 12.11	+11 16.5	1.231	2.201	8.0	19.7
4 1	11 5.02	+12 26.0	1.273	2.199	12.9	20.0
4 11	11 0.39	+13 10.6	1.336	2.197	17.2	20.2

52532 1996 TP_8 3 10.1 56.°32 2.°3/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.83	+10 7.7	2.160	2.960	13.1	18.9
2 11	11 44.27	+10 26.2	2.080	2.965	10.1	18.7
2 21	11 37.64	+10 50.2	2.023	2.969	6.7	18.5
3 2	11 29.50	+11 15.4	1.993	2.974	3.3	18.3
3 12	11 20.67	+11 36.6	1.992	2.978	2.8	18.3
3 22	11 12.07	+11 49.5	2.020	2.983	6.0	18.5
4 1	11 4.54	+11 51.1	2.076	2.988	9.4	18.7
4 11	10 58.78	+11 40.1	2.156	2.992	12.5	18.9

381635 2008 YM_{47} 3 10.1 45.°38 0.°9/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.30	+ 4 19.7	1.902	2.701	14.6	20.9
2 11	11 41.74	+ 4 48.2	1.830	2.714	11.3	20.7
2 21	11 36.04	+ 5 28.3	1.780	2.727	7.5	20.5
3 2	11 28.78	+ 6 15.6	1.757	2.740	3.3	20.2
3 12	11 20.84	+ 7 3.9	1.761	2.753	1.5	20.1
3 22	11 13.16	+ 7 47.2	1.794	2.767	5.5	20.4
4 1	11 6.65	+ 8 20.5	1.854	2.781	9.4	20.7
4 11	11 1.97	+ 8 40.4	1.937	2.795	12.8	20.9

222301 2000 SD_{273} 3 10.1 157.°19 0.°6/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.40	+ 3 39.8	2.324	3.103	12.9	21.4
2 11	11 43.79	+ 4 4.5	2.237	3.109	10.0	21.3
2 21	11 37.27	+ 4 39.5	2.174	3.115	6.7	21.1
3 2	11 29.32	+ 5 21.3	2.139	3.121	3.0	20.8
3 12	11 20.71	+ 6 4.9	2.133	3.126	1.1	20.7
3 22	11 12.26	+ 6 45.5	2.158	3.130	4.8	21.0
4 1	11 4.78	+ 7 18.7	2.211	3.134	8.3	21.2
4 11	10 58.91	+ 7 41.1	2.289	3.138	11.4	21.4

310273 Paulsmeyers 3 10.2 188.°41 2.°1/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.18	+ 6 32.3	1.922	2.718	14.6	21.5
2 11	11 45.69	+ 7 20.9	1.835	2.718	11.3	21.3
2 21	11 38.82	+ 8 21.5	1.770	2.717	7.5	21.1
3 2	11 30.13	+ 9 28.1	1.733	2.715	3.5	20.8
3 12	11 20.52	+10 33.5	1.724	2.712	2.8	20.7
3 22	11 11.06	+11 30.3	1.744	2.709	6.6	21.0
4 1	11 2.77	+12 13.0	1.792	2.705	10.6	21.2
4 11	10 56.46	+12 38.2	1.863	2.700	14.1	21.4

75463 1999 XV_{157} 3 10.2 108.°98 0.°6/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.04	+ 2 22.5	1.859	2.647	15.3	19.9
2 11	11 44.65	+ 3 4.1	1.788	2.665	11.9	19.7
2 21	11 37.99	+ 4 0.1	1.740	2.683	7.9	19.5
3 2	11 29.67	+ 5 5.3	1.718	2.700	3.5	19.3
3 12	11 20.65	+ 6 12.7	1.725	2.717	1.3	19.1
3 22	11 11.94	+ 7 15.2	1.761	2.734	5.6	19.5
4 1	11 4.50	+ 8 6.7	1.824	2.750	9.6	19.7
4 11	10 59.04	+ 8 43.3	1.911	2.765	13.1	20.0

384126 2008 YN_{11} 3 10.2 45.°33 4.°3/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.32	+12 59.4	1.853	2.674	14.1	20.4
2 11	11 41.86	+14 2.8	1.789	2.685	10.8	20.2
2 21	11 36.16	+15 11.9	1.748	2.697	7.3	20.0
3 2	11 28.85	+16 19.2	1.734	2.709	4.6	19.9
3 12	11 20.84	+17 16.8	1.747	2.721	5.1	19.9
3 22	11 13.14	+17 58.4	1.787	2.734	8.1	20.1
4 1	11 6.67	+18 20.3	1.853	2.747	11.4	20.3
4 11	11 2.12	+18 21.9	1.941	2.760	14.3	20.6

456828 2007 TS_{425} 3 10.2 356.°24 2.°5/ 8.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.75	+ 6 48.5	1.319	2.148	18.2	21.2
2 11	11 43.21	+ 7 24.7	1.245	2.145	14.2	20.9
2 21	11 37.65	+ 8 15.7	1.190	2.143	9.4	20.7
3 2	11 29.73	+ 9 14.7	1.158	2.142	4.4	20.4
3 12	11 20.63	+10 12.0	1.152	2.141	3.3	20.3
3 22	11 11.77	+10 58.5	1.171	2.141	8.1	20.6
4 1	11 4.51	+11 27.1	1.213	2.142	13.1	20.8
4 11	10 59.86	+11 34.3	1.276	2.144	17.4	21.1

8016 1990 QW_{10} 3 10.2 262.°87 0.°9/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.68	+ 4 17.1	1.617	2.417	16.7	18.1
2 11	11 46.75	+ 4 33.4	1.517	2.401	13.2	17.8
2 21	11 39.96	+ 5 3.8	1.439	2.385	8.9	17.5
3 2	11 30.83	+ 5 44.3	1.386	2.368	4.1	17.2
3 12	11 20.36	+ 6 28.4	1.359	2.352	1.6	16.9
3 22	11 9.84	+ 7 8.7	1.360	2.335	6.7	17.2
4 1	11 0.60	+ 7 38.5	1.388	2.317	11.7	17.5
4 11	10 53.72	+ 7 53.2	1.437	2.300	16.1	17.7

334220 2001 TV_{11} 3 10.2 162.°90 3.°2/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.39	−10 19.3	2.294	3.019	14.6	22.1
2 11	11 41.59	− 9 51.2	2.198	3.025	12.0	21.9
2 21	11 35.87	− 9 2.4	2.124	3.030	9.0	21.7
3 2	11 28.72	− 7 54.2	2.075	3.034	5.7	21.6
3 12	11 20.88	− 6 30.6	2.054	3.038	3.3	21.4
3 22	11 13.14	− 4 57.9	2.064	3.041	4.5	21.5
4 1	11 6.33	− 3 23.6	2.103	3.044	7.6	21.7
4 11	11 1.10	− 1 54.9	2.169	3.046	10.8	21.9

348808 2006 QR_{142} 3 10.2 139.°96 6.°1/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.68	−21 42.5	3.287	3.902	12.3	21.9
2 11	11 43.59	−22 24.6	3.190	3.916	10.9	21.8
2 21	11 36.95	−22 50.5	3.114	3.929	9.2	21.7
3 2	11 29.16	−22 58.4	3.062	3.941	7.6	21.6
3 12	11 20.79	−22 48.3	3.037	3.953	6.4	21.5
3 22	11 12.48	−22 21.8	3.041	3.964	6.2	21.5
4 1	11 4.87	−21 42.4	3.073	3.975	7.0	21.6
4 11	10 58.50	−20 54.7	3.131	3.985	8.5	21.7

376207 2011 DD_{12} 3 10.2 191.°45 1.°1/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.26	+ 3 14.3	2.135	2.925	13.5	21.6
2 11	11 41.63	+ 4 6.8	2.045	2.924	10.5	21.4
2 21	11 35.98	+ 5 12.8	1.978	2.922	7.0	21.1
3 2	11 28.81	+ 6 27.7	1.938	2.921	3.1	20.9
3 12	11 20.87	+ 7 44.8	1.928	2.919	1.7	20.8
3 22	11 13.03	+ 8 57.1	1.947	2.917	5.5	21.0
4 1	11 6.17	+ 9 58.6	1.994	2.914	9.2	21.2
4 11	11 0.97	+10 45.0	2.065	2.911	12.6	21.4

498696 2008 SV_{306} 3 10.2 220.°63 1.°5/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.30	+ 6 46.8	2.353	3.142	12.5	22.0
2 11	11 43.83	+ 7 13.6	2.256	3.134	9.7	21.8
2 21	11 37.38	+ 7 49.0	2.182	3.126	6.4	21.6
3 2	11 29.44	+ 8 28.8	2.136	3.118	3.0	21.3
3 12	11 20.73	+ 9 8.1	2.119	3.109	2.0	21.2
3 22	11 12.09	+ 9 42.1	2.132	3.099	5.4	21.4
4 1	11 4.36	+10 6.5	2.174	3.090	8.9	21.6
4 11	10 58.21	+10 18.9	2.241	3.080	12.0	21.8

498686 2008 SL_{267} 3 10.2 114.°47 0.°3/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.52	+ 2 5.1	2.134	2.919	13.7	22.0
2 11	11 41.75	+ 2 38.7	2.052	2.927	10.7	21.8
2 21	11 36.00	+ 3 25.1	1.992	2.934	7.1	21.6
3 2	11 28.79	+ 4 20.4	1.959	2.941	3.2	21.3
3 12	11 20.90	+ 5 19.0	1.955	2.948	1.0	21.2
3 22	11 13.17	+ 6 15.0	1.981	2.955	4.9	21.5
4 1	11 6.46	+ 7 2.8	2.034	2.962	8.7	21.7
4 11	11 1.41	+ 7 38.5	2.112	2.968	11.9	21.9

388368 2006 UD_{52} 3 10.2 78.°69 0.°0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.61	+ 1 14.3	2.370	3.150	12.7	21.6
2 11	11 40.04	+ 1 45.5	2.289	3.160	9.9	21.4
2 21	11 34.74	+ 2 28.7	2.231	3.171	6.6	21.2
3 2	11 28.18	+ 3 20.5	2.200	3.181	3.0	21.0
3 12	11 21.05	+ 4 15.8	2.199	3.192	0.7	20.9
3 22	11 14.08	+ 5 9.6	2.227	3.202	4.4	21.2
4 1	11 8.00	+ 5 56.9	2.283	3.213	7.8	21.4
4 11	11 3.38	+ 6 34.0	2.365	3.223	10.7	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
399413	2001 UW_{39}		3 10.2	116.°27	0.°2/ 9.9	18
	h m	° ′			°	m
2 1	11 51.41	+ 1 20.4	1.724	2.508	16.5	21.7
2 11	11 46.68	+ 1 54.9	1.653	2.527	12.9	21.5
2 21	11 39.45	+ 2 45.3	1.604	2.546	8.6	21.2
3 2	11 30.40	+ 3 46.8	1.582	2.563	3.9	21.0
3 12	11 20.56	+ 4 52.3	1.587	2.580	1.0	20.8
3 22	11 11.07	+ 5 54.1	1.621	2.596	5.7	21.2
4 1	11 3.00	+ 6 45.6	1.683	2.612	10.1	21.5
4 11	10 57.10	+ 7 22.4	1.768	2.627	13.8	21.7
518700	2008 YM_{175}		3 10.2	352.°25	4.°3/14.4	17
2 1	11 45.11	− 9 39.9	2.130	2.865	15.3	21.0
2 11	11 41.60	−10 1.8	2.034	2.863	12.7	20.8
2 21	11 36.03	−10 5.7	1.959	2.862	9.7	20.6
3 2	11 28.87	− 9 51.1	1.908	2.862	6.6	20.4
3 12	11 20.89	− 9 20.1	1.884	2.861	4.4	20.2
3 22	11 12.97	− 8 36.6	1.887	2.860	5.3	20.3
4 1	11 6.00	− 7 46.4	1.919	2.860	8.2	20.5
4 11	11 0.73	− 6 55.9	1.975	2.860	11.4	20.7
387198	2012 TJ_{304}		3 10.2	67.°82	0.°8/ 9.3	17
2 1	11 44.74	+ 3 50.1	2.237	3.027	13.0	21.1
2 11	11 40.97	+ 4 24.6	2.166	3.045	10.0	20.9
2 21	11 35.36	+ 5 9.6	2.118	3.062	6.6	20.8
3 2	11 28.46	+ 6 1.0	2.097	3.080	2.9	20.6
3 12	11 21.00	+ 6 53.3	2.105	3.097	1.3	20.5
3 22	11 13.79	+ 7 41.3	2.143	3.115	4.9	20.7
4 1	11 7.55	+ 8 20.3	2.208	3.132	8.3	21.0
4 11	11 2.89	+ 8 47.4	2.298	3.150	11.3	21.2
58629	1997 VL_8		3 10.2	87.°50	1.°3/ 8.9	18
2 1	11 51.10	+ 5 24.0	1.903	2.694	14.9	20.1
2 11	11 46.08	+ 5 56.1	1.841	2.721	11.5	19.9
2 21	11 38.84	+ 6 38.6	1.803	2.748	7.5	19.7
3 2	11 30.05	+ 7 26.5	1.791	2.773	3.4	19.5
3 12	11 20.66	+ 8 13.4	1.808	2.799	1.9	19.5
3 22	11 11.68	+ 8 53.4	1.854	2.824	5.7	19.8
4 1	11 4.03	+ 9 22.1	1.928	2.849	9.5	20.0
4 11	10 58.37	+ 9 37.1	2.026	2.873	12.8	20.3
403803	2011 UH_{49}		3 10.2	87.°02	2.°1/ 8.5	18
2 1	11 50.57	+ 6 31.3	1.529	2.339	17.1	21.9
2 11	11 46.38	+ 7 6.3	1.461	2.351	13.2	21.6
2 21	11 39.44	+ 7 53.8	1.415	2.364	8.7	21.4
3 2	11 30.45	+ 8 47.3	1.393	2.376	4.0	21.2
3 12	11 20.56	+ 9 38.8	1.398	2.388	2.8	21.1
3 22	11 11.04	+10 20.7	1.431	2.400	7.2	21.4
4 1	11 3.09	+10 47.4	1.489	2.412	11.6	21.7
4 11	10 57.55	+10 56.3	1.569	2.424	15.4	21.9
218686	2005 TK_{54}		3 10.2	104.°60	1.°7/ 8.4	18
2 1	11 46.86	+ 5 14.7	1.971	2.768	14.2	21.1
2 11	11 42.89	+ 6 8.9	1.899	2.783	11.0	20.9
2 21	11 36.80	+ 7 14.9	1.850	2.797	7.2	20.7
3 2	11 29.16	+ 8 27.1	1.829	2.812	3.3	20.5
3 12	11 20.85	+ 9 38.0	1.836	2.826	2.3	20.4
3 22	11 12.80	+10 40.9	1.873	2.839	6.0	20.7
4 1	11 5.90	+11 30.2	1.936	2.853	9.7	20.9
4 11	11 0.83	+12 3.0	2.024	2.866	12.9	21.2
500591	2012 UY_{101}		3 10.2	185.°40	2.°2/13.0	17
2 1	11 43.73	− 6 46.5	2.740	3.475	12.2	22.2
2 11	11 40.00	− 6 28.8	2.639	3.475	9.9	22.1
2 21	11 34.68	− 5 56.3	2.560	3.475	7.2	21.9
3 2	11 28.17	− 5 10.3	2.508	3.474	4.3	21.7
3 12	11 21.07	− 4 14.0	2.486	3.473	2.2	21.5
3 22	11 14.04	− 3 11.9	2.493	3.471	3.7	21.6
4 1	11 7.73	− 2 8.9	2.531	3.469	6.6	21.8
4 11	11 2.70	− 1 10.0	2.595	3.467	9.4	22.0
13112	Montmorency		3 10.2	84.°25	0.°4/ 9.8	18
2 1	11 46.11	+ 3 0.1	2.054	2.844	14.0	18.7
2 11	11 42.34	+ 3 23.2	1.969	2.846	10.9	18.5
2 21	11 36.48	+ 3 58.4	1.906	2.849	7.3	18.3
3 2	11 29.06	+ 4 42.0	1.869	2.851	3.3	18.1
3 12	11 20.89	+ 5 28.6	1.861	2.854	1.0	17.9
3 22	11 12.87	+ 6 12.6	1.882	2.856	5.1	18.2
4 1	11 5.89	+ 6 48.8	1.930	2.859	9.0	18.4
4 11	11 0.66	+ 7 13.4	2.002	2.861	12.4	18.6
472149	2014 CK_{20}		3 10.2	324.°13	6.°6/15.4	17
2 1	11 46.75	−12 32.6	2.021	2.741	16.4	20.1
2 11	11 43.26	−13 36.6	1.910	2.722	14.1	19.9
2 21	11 37.41	−14 23.7	1.819	2.705	11.4	19.7
3 2	11 29.64	−14 51.0	1.752	2.688	8.6	19.5
3 12	11 20.72	−14 57.6	1.710	2.671	6.7	19.3
3 22	11 11.64	−14 45.0	1.695	2.655	7.2	19.3
4 1	11 3.48	−14 17.6	1.706	2.639	9.6	19.4
4 11	10 57.15	−13 42.1	1.741	2.625	12.7	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
427671	2004 BR_{132}		3 10.2	269.°32	3.°7/ 5.7	17
	h m	° ′			°	m
2 1	11 43.28	+11 2.1	2.171	2.984	12.6	21.0
2 11	11 40.09	+12 19.6	2.091	2.984	9.6	20.8
2 21	11 34.95	+13 45.4	2.035	2.984	6.5	20.6
3 2	11 28.35	+15 12.4	2.007	2.983	3.9	20.4
3 12	11 21.05	+16 33.1	2.008	2.983	4.4	20.5
3 22	11 13.87	+17 40.6	2.037	2.983	7.3	20.6
4 1	11 7.65	+18 30.1	2.093	2.983	10.4	20.8
4 11	11 3.05	+18 59.5	2.172	2.983	13.3	21.0
209118	2003 SN_{174}		3 10.2	252.°53	0.°0/ 9.9	16
2 1	11 50.69	+ 2 23.9	1.782	2.570	15.9	21.7
2 11	11 46.49	+ 2 33.3	1.680	2.555	12.6	21.4
2 21	11 39.65	+ 2 56.6	1.599	2.540	8.6	21.1
3 2	11 30.68	+ 3 30.9	1.543	2.524	4.0	20.8
3 12	11 20.50	+ 4 10.7	1.515	2.508	0.9	20.5
3 22	11 10.27	+ 4 49.9	1.516	2.492	5.9	20.9
4 1	11 1.20	+ 5 22.2	1.543	2.475	10.6	21.1
4 11	10 54.28	+ 5 42.7	1.594	2.458	14.7	21.3
327357	2005 UR_{236}		3 10.2	164.°51	4.°4/15.5	18
2 1	11 45.73	−13 47.3	2.403	3.104	14.6	21.5
2 11	11 41.81	−13 36.4	2.304	3.109	12.3	21.3
2 21	11 36.02	−13 4.6	2.227	3.114	9.5	21.1
3 2	11 28.83	−12 12.0	2.174	3.118	6.7	21.0
3 12	11 20.94	−11 1.4	2.149	3.121	4.6	20.8
3 22	11 13.16	− 9 38.0	2.154	3.124	5.0	20.9
4 1	11 6.26	− 8 8.5	2.188	3.127	7.5	21.0
4 11	11 0.90	− 6 40.3	2.249	3.129	10.4	21.2
88471	2001 QL_{111}		3 10.2	339.°56	5.°0/14.3	18
2 1	11 46.76	− 9 16.6	1.686	2.438	18.1	19.8
2 11	11 43.49	− 9 48.1	1.594	2.435	15.1	19.6
2 21	11 37.63	− 9 58.2	1.522	2.432	11.5	19.3
3 2	11 29.73	− 9 45.8	1.472	2.430	7.8	19.1
3 12	11 20.73	− 9 12.8	1.448	2.428	5.2	19.0
3 22	11 11.78	− 8 24.2	1.451	2.426	6.3	19.0
4 1	11 4.06	− 7 27.3	1.479	2.424	9.9	19.2
4 11	10 58.51	− 6 30.8	1.531	2.423	13.7	19.4
501470	2014 BM_{20}		3 10.2	71.°80	4.°8/ 4.4	18
2 1	11 44.97	+15 45.4	2.199	3.015	12.3	20.9
2 11	11 41.24	+17 2.9	2.140	3.033	9.5	20.8
2 21	11 35.60	+18 23.2	2.106	3.050	6.7	20.6
3 2	11 28.59	+19 39.0	2.100	3.067	4.9	20.6
3 12	11 21.02	+20 43.1	2.122	3.084	5.6	20.6
3 22	11 13.72	+21 30.3	2.172	3.101	8.0	20.8
4 1	11 7.48	+21 57.8	2.248	3.118	10.6	21.0
4 11	11 2.89	+22 5.1	2.346	3.135	13.1	21.2
473232	2015 KE_{156}		3 10.2	300.°67	2.°3/13.1	16
2 1	11 40.52	− 9 21.9	2.265	3.006	14.3	21.3
2 11	11 38.05	− 8 23.9	2.142	2.982	11.8	21.0
2 21	11 33.70	− 7 1.4	2.042	2.959	8.6	20.8
3 2	11 27.85	− 5 16.1	1.968	2.935	5.1	20.5
3 12	11 21.16	− 3 12.9	1.923	2.912	2.3	20.3
3 22	11 14.39	− 0 59.8	1.909	2.889	4.4	20.4
4 1	11 8.39	+ 1 13.6	1.924	2.865	8.2	20.6
4 11	11 3.88	+ 3 18.1	1.967	2.842	11.8	20.8
330380	2006 XJ_4		3 10.2	23.°38	6.°6/15.5	18
2 1	11 45.06	−11 59.3	1.453	2.207	20.4	20.1
2 11	11 42.45	−12 42.3	1.376	2.214	17.2	19.9
2 21	11 37.05	−12 59.0	1.318	2.221	13.5	19.7
3 2	11 29.47	−12 47.4	1.280	2.230	9.6	19.5
3 12	11 20.81	−12 9.1	1.266	2.239	6.9	19.4
3 22	11 12.34	−11 10.1	1.276	2.248	7.4	19.4
4 1	11 5.33	− 9 59.7	1.312	2.259	10.6	19.6
4 11	11 0.73	− 8 48.4	1.369	2.270	14.3	19.9
125682	2001 XV_{83}		3 10.2	110.°45	1.°4/ 8.9	18
2 1	11 49.18	+ 3 10.7	1.627	2.426	16.7	20.7
2 11	11 45.14	+ 4 6.7	1.557	2.441	12.9	20.5
2 21	11 38.54	+ 5 19.0	1.510	2.457	8.5	20.2
3 2	11 30.04	+ 6 41.1	1.488	2.471	3.8	20.0
3 12	11 20.70	+ 8 4.1	1.495	2.486	2.1	19.9
3 22	11 11.70	+ 9 19.0	1.529	2.500	6.6	20.2
4 1	11 4.14	+10 18.6	1.590	2.513	11.0	20.5
4 11	10 58.80	+10 58.9	1.673	2.526	14.7	20.8
70552	1999 TF_{139}		3 10.2	38.°59	0.°3/10.5	18
2 1	11 45.71	+ 0 53.6	1.855	2.644	15.3	19.6
2 11	11 42.25	+ 1 11.5	1.773	2.649	12.0	19.4
2 21	11 36.53	+ 1 44.3	1.712	2.653	8.2	19.2
3 2	11 29.12	+ 2 28.3	1.677	2.658	3.8	18.9
3 12	11 20.90	+ 3 18.2	1.669	2.662	0.8	18.7
3 22	11 12.85	+ 4 7.5	1.690	2.667	5.2	19.0
4 1	11 5.96	+ 4 50.1	1.737	2.673	9.4	19.3
4 11	11 0.96	+ 5 21.4	1.809	2.678	13.0	19.5

246040 2006 UN_{176} 3 10.2 190.°81 0.°2/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.75	+ 1 13.7	2.664	3.439	11.5	21.4
2 11	11 39.28	+ 1 59.8	2.568	3.438	9.0	21.2
2 21	11 34.22	+ 2 57.9	2.497	3.437	6.0	21.0
3 2	11 27.98	+ 4 4.4	2.454	3.435	2.7	20.8
3 12	11 21.16	+ 5 14.6	2.441	3.434	0.8	20.7
3 22	11 14.41	+ 6 23.0	2.458	3.432	4.2	20.9
4 1	11 8.40	+ 7 24.7	2.505	3.429	7.4	21.1
4 11	11 3.68	+ 8 15.6	2.577	3.427	10.3	21.3

173992 2001 XM_{178} 3 10.2 110.°19 5.°0/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.95	+19 5.2	2.635	3.446	10.7	20.7
2 11	11 40.96	+20 25.1	2.575	3.461	8.3	20.5
2 21	11 35.29	+21 45.2	2.540	3.475	6.2	20.4
3 2	11 28.44	+22 59.2	2.534	3.490	5.0	20.4
3 12	11 21.07	+24 0.9	2.557	3.503	5.8	20.4
3 22	11 13.90	+24 46.0	2.608	3.517	7.7	20.6
4 1	11 7.63	+25 12.3	2.685	3.530	9.9	20.7
4 11	11 2.78	+25 19.8	2.785	3.543	12.0	20.9

281697 2008 WD_{60} 3 10.2 69.°74 2.°0/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.85	− 4 53.5	2.080	2.837	14.9	20.7
2 11	11 42.66	− 4 35.3	2.015	2.867	11.9	20.5
2 21	11 36.51	− 4 0.1	1.972	2.897	8.4	20.4
3 2	11 29.00	− 3 10.7	1.954	2.926	4.7	20.2
3 12	11 20.95	− 2 11.8	1.966	2.956	2.0	20.1
3 22	11 13.23	− 1 9.5	2.006	2.985	4.3	20.3
4 1	11 6.64	− 0 10.0	2.075	3.014	7.8	20.5
4 11	11 1.76	+ 0 41.6	2.169	3.042	11.0	20.8

506335 2017 OC_{29} 3 10.2 201.°49 5.°5/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.17	−15 17.4	2.497	3.183	14.4	21.6
2 11	11 42.98	−15 40.2	2.390	3.179	12.4	21.4
2 21	11 36.86	−15 44.2	2.304	3.175	9.9	21.3
3 2	11 29.26	−15 28.2	2.241	3.170	7.4	21.1
3 12	11 20.87	−14 53.0	2.206	3.165	5.7	21.0
3 22	11 12.47	−14 1.9	2.199	3.159	5.8	21.0
4 1	11 4.90	−13 0.1	2.221	3.153	7.8	21.1
4 11	10 58.84	−11 54.0	2.269	3.146	10.4	21.2

109117 2001 QE_{42} 3 10.2 146.°47 1.°0/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.64	− 1 42.6	2.237	2.998	13.9	20.4
2 11	11 44.08	− 1 24.3	2.150	3.008	11.0	20.2
2 21	11 37.54	− 0 51.7	2.087	3.018	7.6	20.0
3 2	11 29.53	− 0 7.5	2.050	3.027	3.9	19.8
3 12	11 20.83	+ 0 43.8	2.043	3.035	1.1	19.6
3 22	11 12.30	+ 1 36.9	2.066	3.043	4.4	19.9
4 1	11 4.78	+ 2 26.3	2.117	3.050	8.0	20.1
4 11	10 58.93	+ 3 7.4	2.194	3.057	11.3	20.3

164476 2006 EM_{25} 3 10.2 272.°59 0.°3/10.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.94	+ 0 4.4	1.587	2.382	17.2	21.1
2 11	11 43.90	+ 0 30.2	1.486	2.365	13.7	20.8
2 21	11 38.10	+ 1 15.7	1.406	2.349	9.5	20.5
3 2	11 30.04	+ 2 17.8	1.351	2.332	4.5	20.2
3 12	11 20.67	+ 3 29.8	1.322	2.315	0.9	19.9
3 22	11 11.23	+ 4 43.1	1.320	2.298	6.3	20.2
4 1	11 3.00	+ 5 48.4	1.343	2.280	11.4	20.4
4 11	10 57.06	+ 6 38.6	1.390	2.263	15.9	20.7

147680 2004 OL_2 3 10.2 247.°31 4.°2/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.47	−11 54.6	2.716	3.422	12.9	20.5
2 11	11 40.70	−12 12.5	2.606	3.414	10.9	20.3
2 21	11 35.25	−12 14.8	2.518	3.406	8.5	20.2
3 2	11 28.50	−12 0.9	2.454	3.397	6.1	20.0
3 12	11 21.05	−11 32.1	2.419	3.389	4.4	19.9
3 22	11 13.60	−10 51.5	2.412	3.380	4.8	19.9
4 1	11 6.86	−10 3.5	2.435	3.371	7.0	20.0
4 11	11 1.43	− 9 13.1	2.483	3.362	9.6	20.1

471824 2012 XU_{35} 3 10.2 212.°81 4.°4/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.27	+16 45.5	2.536	3.346	11.0	21.3
2 11	11 41.36	+17 44.8	2.456	3.344	8.6	21.2
2 21	11 35.66	+18 46.3	2.400	3.341	6.1	21.0
3 2	11 28.66	+19 44.3	2.373	3.339	4.5	20.9
3 12	11 21.03	+20 32.7	2.374	3.336	5.1	20.9
3 22	11 13.54	+21 7.0	2.404	3.333	7.3	21.1
4 1	11 6.91	+21 24.4	2.460	3.330	9.9	21.2
4 11	11 1.76	+21 24.3	2.540	3.326	12.3	21.4

36021 1999 NH_{49} 3 10.2 315.°98 4.°3/13.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.07	− 7 18.4	1.494	2.266	19.1	17.6
2 11	11 43.31	− 7 37.0	1.403	2.259	15.8	17.4
2 21	11 37.73	− 7 32.4	1.330	2.253	11.8	17.1
3 2	11 29.86	− 7 4.0	1.280	2.246	7.5	16.8
3 12	11 20.73	− 6 14.8	1.254	2.240	4.3	16.6
3 22	11 11.62	− 5 11.7	1.254	2.234	6.3	16.7
4 1	11 3.86	− 4 3.6	1.280	2.228	10.7	17.0
4 11	10 58.49	− 3 0.3	1.328	2.223	15.1	17.2

341722 2007 VM_{215} 3 10.2 224.°44 6.°7/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.22	+24 17.6	2.350	3.159	11.8	21.2
2 11	11 44.60	+25 18.9	2.278	3.157	9.6	21.0
2 21	11 37.91	+26 16.9	2.230	3.154	7.6	20.9
3 2	11 29.70	+27 4.5	2.210	3.152	6.7	20.8
3 12	11 20.81	+27 35.4	2.217	3.149	7.5	20.9
3 22	11 12.13	+27 45.5	2.251	3.147	9.4	21.0
4 1	11 4.56	+27 33.7	2.310	3.144	11.7	21.1
4 11	10 58.75	+27 1.1	2.391	3.141	13.9	21.3

247436 2002 ES_3 3 10.2 275.°91 0.°2/10.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.14	− 0 36.7	1.583	2.379	17.2	20.9
2 11	11 42.41	+ 0 2.0	1.488	2.368	13.7	20.6
2 21	11 37.03	+ 1 2.1	1.414	2.357	9.4	20.3
3 2	11 29.51	+ 2 19.9	1.364	2.346	4.4	20.0
3 12	11 20.82	+ 3 47.8	1.341	2.334	0.9	19.7
3 22	11 12.13	+ 5 16.1	1.345	2.323	6.2	20.1
4 1	11 4.67	+ 6 35.0	1.375	2.312	11.2	20.3
4 11	10 59.44	+ 7 37.0	1.428	2.300	15.6	20.5

9776 1993 VL_3 3 10.2 47.°38 1.°7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.29	+ 6 21.5	2.060	2.861	13.6	17.7
2 11	11 41.72	+ 7 0.9	1.977	2.863	10.5	17.5
2 21	11 36.08	+ 7 50.6	1.917	2.864	6.9	17.3
3 2	11 28.90	+ 8 45.7	1.883	2.866	3.2	17.1
3 12	11 20.98	+ 9 40.1	1.878	2.867	2.3	17.0
3 22	11 13.22	+10 27.5	1.902	2.869	5.9	17.2
4 1	11 6.50	+11 3.2	1.953	2.871	9.5	17.5
4 11	11 1.49	+11 24.1	2.027	2.873	12.8	17.7

371178 2005 YS_{82} 3 10.2 160.°73 2.°7/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.73	− 5 27.7	2.042	2.797	15.2	21.0
2 11	11 42.91	− 5 30.7	1.949	2.798	12.4	20.8
2 21	11 36.94	− 5 16.6	1.878	2.800	9.0	20.6
3 2	11 29.33	− 4 46.5	1.832	2.801	5.3	20.4
3 12	11 20.88	− 4 3.7	1.814	2.802	2.7	20.2
3 22	11 12.54	− 3 13.5	1.824	2.803	4.8	20.4
4 1	11 5.23	− 2 22.0	1.862	2.803	8.4	20.6
4 11	10 59.70	− 1 35.3	1.925	2.804	11.9	20.8

214883 Yuanxikun 3 10.2 107.°94 2.°7/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.88	+ 9 10.3	1.777	2.576	15.5	20.9
2 11	11 48.49	+ 9 46.9	1.712	2.597	11.9	20.7
2 21	11 40.61	+10 31.6	1.670	2.617	7.9	20.5
3 2	11 30.94	+11 18.2	1.655	2.636	3.9	20.3
3 12	11 20.56	+11 59.5	1.669	2.655	3.3	20.3
3 22	11 10.61	+12 29.5	1.711	2.673	6.9	20.5
4 1	11 2.14	+12 44.6	1.780	2.691	10.8	20.8
4 11	10 55.88	+12 43.3	1.872	2.708	14.1	21.0

281358 2007 VJ_{287} 3 10.2 20.°41 1.°3/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 40.62	+ 2 41.5	1.823	2.630	14.9	20.0
2 11	11 38.32	+ 3 45.2	1.748	2.636	11.5	19.8
2 21	11 33.91	+ 5 4.9	1.694	2.643	7.6	19.6
3 2	11 27.93	+ 6 34.6	1.667	2.651	3.3	19.4
3 12	11 21.21	+ 8 6.2	1.668	2.659	1.9	19.3
3 22	11 14.69	+ 9 31.0	1.696	2.668	6.0	19.5
4 1	11 9.26	+10 41.9	1.752	2.677	10.0	19.8
4 11	11 5.61	+11 34.3	1.830	2.687	13.5	20.0

107864 2001 FT_{80} 3 10.2 323.°57 3.°1/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.85	− 3 33.8	1.556	2.336	18.2	19.3
2 11	11 45.34	− 4 1.0	1.465	2.330	14.8	19.1
2 21	11 39.02	− 4 10.2	1.394	2.324	10.7	18.8
3 2	11 30.44	− 4 1.7	1.347	2.319	6.3	18.6
3 12	11 20.64	− 3 38.4	1.325	2.314	3.1	18.3
3 22	11 10.89	− 3 5.8	1.330	2.309	6.0	18.5
4 1	11 2.48	− 2 30.8	1.360	2.305	10.5	18.7
4 11	10 56.45	− 2 0.4	1.413	2.301	14.8	19.0

500351 2012 TQ_{10} 3 10.2 133.°91 3.°1/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.27	− 9 38.8	2.545	3.271	13.3	21.9
2 11	11 39.78	− 9 25.3	2.450	3.277	10.9	21.7
2 21	11 34.60	− 8 54.5	2.377	3.283	8.2	21.5
3 2	11 28.18	− 8 7.3	2.331	3.288	5.3	21.4
3 12	11 21.17	− 7 7.0	2.312	3.294	3.2	21.2
3 22	11 14.26	− 5 58.4	2.323	3.299	4.2	21.3
4 1	11 8.15	− 4 47.0	2.363	3.304	6.9	21.5
4 11	11 3.42	− 3 38.8	2.430	3.309	9.7	21.7

201447 2003 FQ_{50} 3 10.2 69.°77 3.°1/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.07	− 5 34.7	1.403	2.184	19.7	20.4
2 11	11 44.81	− 5 36.0	1.329	2.194	16.0	20.2
2 21	11 38.63	− 5 13.1	1.274	2.203	11.6	19.9
3 2	11 30.21	− 4 27.4	1.241	2.213	6.7	19.7
3 12	11 20.72	− 3 24.6	1.233	2.223	3.2	19.5
3 22	11 11.50	− 2 13.1	1.252	2.233	6.0	19.7
4 1	11 3.86	− 1 3.0	1.296	2.243	10.8	20.0
4 11	10 58.74	− 0 2.8	1.362	2.252	15.1	20.3

27580 Angelataylor 3 10.2 105.°39 2.°6/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.96	+ 8 21.0	1.987	2.792	13.9	19.3
2 11	11 43.02	+ 9 13.6	1.914	2.802	10.7	19.1
2 21	11 36.93	+10 15.5	1.864	2.812	7.0	18.9
3 2	11 29.29	+11 20.5	1.841	2.822	3.5	18.7
3 12	11 20.93	+12 21.5	1.847	2.832	3.2	18.7
3 22	11 12.82	+13 12.2	1.881	2.841	6.6	18.9
4 1	11 5.85	+13 47.9	1.942	2.851	10.1	19.2
4 11	11 0.71	+14 6.3	2.026	2.860	13.3	19.4

381469 2008 RE_{129} 3 10.2 192.°49 1.°0/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.29	+ 4 39.6	2.282	3.070	12.8	21.8
2 11	11 42.30	+ 5 9.5	2.192	3.070	10.0	21.6
2 21	11 36.39	+ 5 49.6	2.125	3.069	6.6	21.4
3 2	11 29.04	+ 6 36.0	2.085	3.067	3.0	21.1
3 12	11 20.98	+ 7 23.7	2.074	3.066	1.5	21.0
3 22	11 13.04	+ 8 7.4	2.093	3.064	5.1	21.3
4 1	11 6.01	+ 8 42.3	2.140	3.062	8.6	21.5
4 11	11 0.58	+ 9 5.4	2.212	3.060	11.8	21.7

310327 2011 UX_{177} 3 10.2 185.°18 1.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.44	+ 5 58.7	1.967	2.760	14.4	22.0
2 11	11 45.86	+ 6 45.7	1.879	2.760	11.2	21.8
2 21	11 38.96	+ 7 44.6	1.815	2.760	7.4	21.5
3 2	11 30.28	+ 8 50.0	1.777	2.759	3.4	21.3
3 12	11 20.71	+ 9 54.8	1.768	2.757	2.5	21.2
3 22	11 11.27	+10 51.9	1.789	2.754	6.3	21.4
4 1	11 2.97	+11 35.7	1.837	2.751	10.3	21.7
4 11	10 56.63	+12 2.8	1.909	2.747	13.8	21.9

467657 2008 TB_{150} 3 10.2 201.°98 0.°2/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.27	+ 1 30.3	2.278	3.057	13.1	22.3
2 11	11 41.55	+ 2 6.8	2.183	3.055	10.3	22.1
2 21	11 35.92	+ 2 56.5	2.111	3.052	6.9	21.9
3 2	11 28.84	+ 3 55.8	2.067	3.049	3.1	21.6
3 12	11 21.03	+ 4 59.3	2.052	3.045	0.9	21.4
3 22	11 13.30	+ 6 1.1	2.067	3.041	4.8	21.7
4 1	11 6.47	+ 6 55.6	2.110	3.037	8.4	21.9
4 11	11 1.20	+ 7 38.5	2.178	3.033	11.7	22.1

130282 2000 EZ_2 3 10.2 176.°82 0.°4/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.45	+ 0 18.9	2.475	3.245	12.5	21.0
2 11	11 41.49	+ 0 42.7	2.382	3.246	9.8	20.8
2 21	11 35.77	+ 1 18.6	2.311	3.247	6.7	20.6
3 2	11 28.74	+ 2 3.8	2.269	3.248	3.2	20.4
3 12	11 21.06	+ 2 53.9	2.255	3.248	0.6	20.1
3 22	11 13.49	+ 3 44.1	2.272	3.249	4.2	20.4
4 1	11 6.74	+ 4 29.6	2.318	3.248	7.6	20.6
4 11	11 1.44	+ 5 6.5	2.389	3.248	10.6	20.8

437331 2013 RZ_{47} 3 10.2 88.°65 0.°5/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.41	− 0 27.0	1.953	2.735	14.9	21.4
2 11	11 41.90	+ 0 2.1	1.871	2.742	11.7	21.2
2 21	11 36.25	+ 0 47.0	1.811	2.749	8.0	20.9
3 2	11 29.01	+ 1 44.2	1.777	2.757	3.8	20.7
3 12	11 21.01	+ 2 47.8	1.771	2.764	0.8	20.5
3 22	11 13.20	+ 3 51.2	1.793	2.771	4.9	20.8
4 1	11 6.49	+ 4 47.8	1.844	2.778	9.0	21.1
4 11	11 1.57	+ 5 32.7	1.918	2.786	12.5	21.3

499991 2011 OA_{15} 3 10.2 167.°43 6.°8/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.84	+32 10.4	3.336	4.127	9.1	22.4
2 11	11 42.29	+33 40.0	3.282	4.132	7.8	22.3
2 21	11 36.16	+35 3.2	3.254	4.137	7.0	22.3
3 2	11 28.87	+36 14.0	3.254	4.141	6.9	22.3
3 12	11 21.05	+37 7.5	3.282	4.145	7.7	22.3
3 22	11 13.36	+37 41.0	3.336	4.148	8.9	22.4
4 1	11 6.46	+37 53.7	3.413	4.150	10.3	22.5
4 11	11 0.86	+37 46.7	3.510	4.152	11.6	22.6

372449 2009 SP_{100} 3 10.2 194.°22 1.°1/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.16	− 3 29.6	2.211	2.973	14.0	21.9
2 11	11 41.55	− 2 50.9	2.113	2.971	11.2	21.7
2 21	11 35.96	− 1 54.7	2.038	2.969	7.8	21.5
3 2	11 28.88	− 0 43.8	1.990	2.966	4.0	21.2
3 12	11 21.04	+ 0 36.6	1.971	2.963	1.1	21.0
3 22	11 13.27	+ 1 59.6	1.982	2.960	4.5	21.2
4 1	11 6.42	+ 3 18.3	2.021	2.956	8.3	21.5
4 11	11 1.17	+ 4 26.7	2.086	2.952	11.7	21.7

17802 1998 FA_{71} 3 10.2 113.°42 3.°8/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.59	+15 32.6	2.411	3.213	11.8	17.9
2 11	11 44.69	+16 2.1	2.332	3.217	9.2	17.7
2 21	11 37.88	+16 33.2	2.279	3.221	6.3	17.5
3 2	11 29.69	+17 0.9	2.253	3.225	4.1	17.4
3 12	11 20.89	+17 20.1	2.256	3.229	4.3	17.4
3 22	11 12.31	+17 27.1	2.289	3.233	6.7	17.6
4 1	11 4.74	+17 19.8	2.349	3.236	9.5	17.7
4 11	10 58.82	+16 58.1	2.433	3.240	12.1	17.9

422673 1999 VF_{117} 3 10.2 146.°99 3.°2/ 6.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.79	+12 51.3	2.570	3.366	11.3	22.1
2 11	11 43.93	+13 38.6	2.494	3.377	8.7	21.9
2 21	11 37.30	+14 29.8	2.443	3.387	5.9	21.8
3 2	11 29.41	+15 19.7	2.421	3.396	3.5	21.6
3 12	11 20.95	+16 3.1	2.429	3.405	3.7	21.6
3 22	11 12.70	+16 35.6	2.467	3.413	6.2	21.8
4 1	11 5.38	+16 54.4	2.533	3.421	8.9	22.0
4 11	10 59.56	+16 58.4	2.624	3.428	11.4	22.2

352739 2008 TJ_{56} 3 10.2 22.°40 1.°1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.65	+ 4 23.2	1.238	2.061	19.6	20.7
2 11	11 45.64	+ 4 38.9	1.168	2.064	15.3	20.5
2 21	11 39.40	+ 5 11.2	1.117	2.068	10.2	20.2
3 2	11 30.65	+ 5 54.7	1.089	2.072	4.6	19.9
3 12	11 20.68	+ 6 40.7	1.085	2.077	1.9	19.7
3 22	11 11.03	+ 7 20.6	1.106	2.083	7.5	20.1
4 1	11 3.17	+ 7 46.9	1.151	2.089	12.8	20.4
4 11	10 58.12	+ 7 55.4	1.217	2.095	17.4	20.6

38848 2000 SN_{68} 3 10.2 120.°55 1.°8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.53	+ 6 37.3	1.662	2.463	16.3	20.2
2 11	11 47.77	+ 7 1.5	1.588	2.473	12.7	20.0
2 21	11 40.35	+ 7 36.7	1.536	2.482	8.4	19.8
3 2	11 30.95	+ 8 17.5	1.509	2.491	3.8	19.5
3 12	11 20.63	+ 8 56.9	1.510	2.500	2.4	19.4
3 22	11 10.64	+ 9 28.5	1.539	2.509	6.7	19.7
4 1	11 2.11	+ 9 47.3	1.594	2.517	11.0	20.0
4 11	10 55.90	+ 9 50.8	1.673	2.525	14.8	20.3

245362 2005 EC_{331} 3 10.2 285.°46 5.°0/15.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.96	−13 5.5	2.217	2.932	15.3	20.1
2 11	11 40.71	−13 18.9	2.116	2.928	12.9	19.9
2 21	11 35.48	−13 11.9	2.035	2.924	10.2	19.7
3 2	11 28.70	−12 43.9	1.978	2.921	7.3	19.5
3 12	11 21.12	−11 56.7	1.947	2.917	5.2	19.4
3 22	11 13.56	−10 54.6	1.944	2.913	5.6	19.4
4 1	11 6.91	− 9 43.8	1.969	2.909	8.1	19.6
4 11	11 1.86	− 8 31.7	2.019	2.906	11.1	19.7

312718 2010 RG_{44} 3 10.2 34.°31 3.°6/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.70	− 6 3.0	1.577	2.347	18.4	20.6
2 11	11 44.32	− 6 19.2	1.493	2.349	15.0	20.4
2 21	11 38.25	− 6 14.3	1.428	2.352	11.0	20.1
3 2	11 30.07	− 5 48.5	1.386	2.355	6.7	19.9
3 12	11 20.82	− 5 5.6	1.371	2.358	3.6	19.7
3 22	11 11.71	− 4 12.0	1.381	2.361	5.8	19.8
4 1	11 3.96	− 3 15.7	1.418	2.364	10.1	20.1
4 11	10 58.50	− 2 24.8	1.478	2.367	14.2	20.3

133183 2003 QU_{51} 3 10.2 304.°09 0.°4/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.05	+ 3 55.0	1.383	2.195	18.4	20.1
2 11	11 46.19	+ 3 53.3	1.278	2.168	14.7	19.7
2 21	11 40.11	+ 4 6.4	1.192	2.140	10.1	19.4
3 2	11 31.20	+ 4 31.3	1.129	2.112	4.7	19.0
3 12	11 20.53	+ 5 1.9	1.092	2.085	1.3	18.7
3 22	11 9.55	+ 5 30.8	1.080	2.058	7.3	19.0
4 1	10 59.89	+ 5 50.4	1.092	2.031	13.2	19.2
4 11	10 52.93	+ 5 55.2	1.124	2.005	18.3	19.4

202943 1999 EO 3 10.2 348.°04 0.°8/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 42.31	+ 2 46.9	1.840	2.643	14.9	20.5
2 11	11 39.73	+ 3 24.8	1.753	2.638	11.6	20.2
2 21	11 34.95	+ 4 17.7	1.687	2.634	7.8	20.0
3 2	11 28.49	+ 5 21.1	1.647	2.630	3.5	19.7
3 12	11 21.18	+ 6 28.1	1.635	2.627	1.4	19.6
3 22	11 13.98	+ 7 31.5	1.650	2.624	5.7	19.8
4 1	11 7.85	+ 8 24.5	1.691	2.622	9.9	20.1
4 11	11 3.55	+ 9 2.4	1.756	2.621	13.6	20.3

371003 2005 TB_{109} 3 10.2 231.°11 0.°3/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.25	+ 1 5.6	2.268	3.038	13.4	22.8
2 11	11 44.77	+ 1 21.1	2.160	3.025	10.7	22.5
2 21	11 38.19	+ 1 49.0	2.076	3.012	7.3	22.3
3 2	11 29.97	+ 2 26.7	2.018	2.998	3.5	22.0
3 12	11 20.85	+ 3 10.1	1.990	2.983	0.7	21.8
3 22	11 11.71	+ 3 53.8	1.991	2.967	4.7	22.1
4 1	11 3.45	+ 4 32.9	2.022	2.951	8.6	22.3
4 11	10 56.85	+ 5 2.9	2.077	2.934	12.1	22.5

88716 2001 SG_{22} 3 10.2 182.°90 0.°4/10.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.40	+ 0 31.7	2.185	2.957	13.8	20.8
2 11	11 44.05	+ 0 52.0	2.092	2.958	10.9	20.6
2 21	11 37.65	+ 1 25.6	2.022	2.958	7.4	20.4
3 2	11 29.68	+ 2 9.5	1.978	2.958	3.5	20.2
3 12	11 20.93	+ 2 59.0	1.964	2.957	0.7	19.9
3 22	11 12.29	+ 3 48.5	1.979	2.955	4.7	20.2
4 1	11 4.63	+ 4 32.6	2.023	2.954	8.5	20.5
4 11	10 58.66	+ 5 7.1	2.092	2.951	11.9	20.7

34166 Neildeshmukh 3 10.2 261.°49 4.°1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.83	− 8 21.8	1.651	2.409	18.2	18.2
2 11	11 43.73	− 8 28.7	1.550	2.398	15.1	18.0
2 21	11 37.96	− 8 12.3	1.469	2.387	11.3	17.7
3 2	11 30.01	− 7 31.9	1.411	2.375	7.2	17.5
3 12	11 20.83	− 6 30.8	1.379	2.364	4.2	17.2
3 22	11 11.60	− 5 15.4	1.374	2.352	6.0	17.3
4 1	11 3.56	− 3 55.1	1.394	2.340	10.2	17.5
4 11	10 57.72	− 2 39.4	1.439	2.328	14.5	17.7

312990 1999 TQ_{77} 3 10.2 125.°54 0.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.84	+ 0 19.7	1.946	2.722	15.2	21.7
2 11	11 45.28	+ 0 47.0	1.869	2.737	11.9	21.5
2 21	11 38.48	+ 1 29.1	1.814	2.751	8.1	21.3
3 2	11 30.04	+ 2 22.4	1.785	2.765	3.8	21.0
3 12	11 20.87	+ 3 21.0	1.785	2.778	0.7	20.8
3 22	11 11.94	+ 4 18.2	1.815	2.791	5.1	21.1
4 1	11 4.22	+ 5 8.2	1.872	2.803	9.1	21.4
4 11	10 58.42	+ 5 46.4	1.954	2.815	12.6	21.6

66246 1999 FC_{30} 3 10.2 314.°51 1.°1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 42.75	+ 1 45.6	1.338	2.158	18.5	19.2
2 11	11 41.05	+ 2 34.4	1.248	2.143	14.6	18.9
2 21	11 36.42	+ 3 46.5	1.178	2.129	9.8	18.5
3 2	11 29.38	+ 5 16.6	1.131	2.115	4.4	18.2
3 12	11 20.97	+ 6 54.9	1.109	2.101	1.9	18.0
3 22	11 12.56	+ 8 29.0	1.113	2.089	7.6	18.3
4 1	11 5.55	+ 9 47.8	1.140	2.076	13.1	18.5
4 11	11 1.06	+10 43.4	1.188	2.065	17.9	18.8

330459 2007 EL_{128} 3 10.2 236.°34 0.°3/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.05	− 0 25.1	2.089	2.867	14.2	21.8
2 11	11 41.64	+ 0 12.3	1.989	2.859	11.2	21.6
2 21	11 36.14	+ 1 5.8	1.913	2.851	7.7	21.3
3 2	11 29.03	+ 2 12.2	1.862	2.843	3.6	21.1
3 12	11 21.07	+ 3 25.7	1.841	2.834	0.7	20.8
3 22	11 13.15	+ 4 39.5	1.848	2.825	4.9	21.1
4 1	11 6.17	+ 5 46.7	1.884	2.816	9.0	21.3
4 11	11 0.88	+ 6 41.7	1.944	2.807	12.5	21.5

319566 2006 SH_{49} 3 10.2 127.°32 0.°5/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.78	+ 0 52.4	1.933	2.709	15.2	21.9
2 11	11 46.05	+ 1 3.9	1.853	2.721	12.0	21.7
2 21	11 39.03	+ 1 29.1	1.795	2.732	8.2	21.5
3 2	11 30.31	+ 2 4.8	1.763	2.743	3.9	21.3
3 12	11 20.81	+ 2 46.0	1.760	2.754	0.8	21.1
3 22	11 11.55	+ 3 27.0	1.787	2.764	5.0	21.4
4 1	11 3.50	+ 4 2.3	1.841	2.773	9.1	21.7
4 11	10 57.41	+ 4 27.6	1.919	2.782	12.7	21.9

109929 2001 SH_{33} 3 10.2 195.°64 0.°3/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.11	+ 2 48.4	3.104	3.872	10.2	21.5
2 11	11 40.88	+ 3 17.2	3.003	3.869	8.0	21.3
2 21	11 35.22	+ 3 54.7	2.927	3.865	5.3	21.1
3 2	11 28.49	+ 4 38.1	2.879	3.861	2.4	20.9
3 12	11 21.23	+ 5 23.7	2.863	3.856	0.7	20.7
3 22	11 14.02	+ 6 7.9	2.877	3.850	3.7	21.0
4 1	11 7.45	+ 6 46.9	2.922	3.844	6.6	21.2
4 11	11 2.03	+ 7 17.9	2.993	3.837	9.1	21.3

169670 2002 JT_{87} 3 10.2 274.°82 0.°8/10.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.01	− 0 30.2	1.627	2.418	17.0	20.7
2 11	11 43.84	− 0 13.2	1.531	2.407	13.6	20.4
2 21	11 38.01	+ 0 22.4	1.456	2.396	9.4	20.1
3 2	11 30.04	+ 1 13.8	1.405	2.385	4.6	19.8
3 12	11 20.88	+ 2 15.2	1.381	2.374	1.0	19.5
3 22	11 11.72	+ 3 18.5	1.384	2.363	5.9	19.8
4 1	11 3.80	+ 4 15.8	1.413	2.352	10.8	20.1
4 11	10 58.09	+ 5 0.2	1.465	2.341	15.1	20.3

141692 2002 JN_{146} 3 10.2 257.°01 1.°3/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.96	+ 3 9.8	1.898	2.691	14.9	21.3
2 11	11 43.51	+ 4 4.0	1.790	2.671	11.7	21.0
2 21	11 37.65	+ 5 15.2	1.705	2.650	7.8	20.7
3 2	11 29.85	+ 6 38.6	1.647	2.629	3.5	20.4
3 12	11 20.92	+ 8 6.7	1.617	2.608	2.0	20.3
3 22	11 11.89	+ 9 30.8	1.615	2.585	6.4	20.5
4 1	11 3.85	+10 42.8	1.641	2.563	10.8	20.7
4 11	10 57.72	+11 37.1	1.691	2.539	14.8	20.9

306895 2001 TT_{127} 3 10.2 23.°20 18.°2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 36.75	−34 5.5	1.002	1.683	31.8	18.9
2 11	11 37.43	−36 6.9	0.958	1.700	29.5	18.7
2 21	11 34.45	−37 16.1	0.921	1.719	26.9	18.6
3 2	11 28.54	−37 22.7	0.896	1.741	23.9	18.5
3 12	11 21.23	−36 21.8	0.882	1.765	21.1	18.4
3 22	11 14.35	−34 17.9	0.885	1.790	19.0	18.4
4 1	11 9.64	−31 25.1	0.904	1.818	18.2	18.4
4 11	11 8.18	−28 5.8	0.943	1.847	18.9	18.6

363790 2005 JE_{46} 3 10.2 176.°17 3.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.49	−10 48.6	2.238	2.939	15.5	22.6
2 11	11 50.37	−10 37.1	2.135	2.946	12.9	22.5
2 21	11 41.93	−10 4.8	2.054	2.950	9.7	22.2
3 2	11 31.70	− 9 11.9	1.999	2.953	6.3	22.0
3 12	11 20.55	− 8 1.6	1.974	2.954	3.9	21.9
3 22	11 9.48	− 6 39.7	1.980	2.953	5.1	22.0
4 1	10 59.50	− 5 13.7	2.017	2.950	8.4	22.2
4 11	10 51.42	− 3 51.4	2.082	2.946	11.8	22.4

369827 2012 HV_{79} 3 10.2 335.°45 0.°8/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.75	+ 0 47.7	1.562	2.361	17.3	20.4
2 11	11 43.67	+ 0 47.9	1.473	2.354	13.7	20.2
2 21	11 37.89	+ 1 4.4	1.406	2.348	9.5	19.9
3 2	11 29.97	+ 1 34.3	1.362	2.342	4.6	19.6
3 12	11 20.92	+ 2 12.5	1.344	2.337	1.0	19.3
3 22	11 11.96	+ 2 52.1	1.352	2.332	5.9	19.7
4 1	11 4.32	+ 3 26.3	1.387	2.328	10.7	19.9
4 11	10 58.95	+ 3 49.4	1.443	2.324	15.0	20.2

396690 2002 TC_{106} 3 10.2 120.°17 1.°1/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.62	− 2 4.2	1.557	2.338	18.1	21.9
2 11	11 46.47	− 1 37.4	1.483	2.352	14.3	21.7
2 21	11 39.60	− 0 49.9	1.429	2.366	9.9	21.5
3 2	11 30.67	+ 0 14.5	1.400	2.378	4.9	21.2
3 12	11 20.80	+ 1 28.5	1.398	2.391	1.2	21.0
3 22	11 11.23	+ 2 43.4	1.423	2.402	5.8	21.3
4 1	11 3.15	+ 3 50.4	1.476	2.414	10.5	21.6
4 11	10 57.44	+ 4 43.2	1.551	2.424	14.6	21.9

54817 2001 NB 3 10.2 175.°44 7.°7/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.62	−22 53.8	2.495	3.125	15.6	19.1
2 11	11 44.22	−23 29.6	2.393	3.128	13.8	19.0
2 21	11 37.80	−23 43.3	2.309	3.130	11.8	18.8
3 2	11 29.81	−23 32.3	2.248	3.132	9.7	18.7
3 12	11 20.98	−22 56.1	2.211	3.133	8.1	18.6
3 22	11 12.19	−21 57.5	2.201	3.133	7.7	18.5
4 1	11 4.30	−20 41.6	2.219	3.132	8.8	18.6
4 11	10 58.03	−19 16.0	2.263	3.131	10.8	18.7

522438 2016 CE_{318} 3 10.2 286.°29 7.°5/ 3.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.67	+22 14.1	1.905	2.721	13.9	20.9
2 11	11 47.31	+23 18.7	1.812	2.697	11.3	20.6
2 21	11 40.27	+24 23.2	1.741	2.673	8.8	20.4
3 2	11 31.07	+25 18.5	1.697	2.648	7.5	20.3
3 12	11 20.70	+25 55.6	1.679	2.624	8.4	20.3
3 22	11 10.35	+26 8.2	1.688	2.599	11.0	20.4
4 1	11 1.24	+25 53.4	1.720	2.575	14.1	20.5
4 11	10 54.34	+25 12.6	1.773	2.550	17.1	20.7

269196 2008 GK_{145} 3 10.2 226.°60 1.°4/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.34	+ 5 7.8	2.300	3.086	12.8	21.4
2 11	11 43.25	+ 5 50.9	2.198	3.075	10.0	21.2
2 21	11 37.16	+ 6 45.2	2.120	3.064	6.6	21.0
3 2	11 29.52	+ 7 46.4	2.069	3.052	3.0	20.7
3 12	11 21.06	+ 8 48.7	2.049	3.039	1.9	20.6
3 22	11 12.61	+ 9 46.2	2.058	3.025	5.5	20.8
4 1	11 5.03	+10 33.4	2.095	3.011	9.1	21.0
4 11	10 59.05	+11 6.7	2.157	2.997	12.4	21.2

336443 2008 UN_{305} 3 10.2 265.°58 3.°0/13.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.42	− 8 30.5	2.084	2.830	15.2	21.5
2 11	11 40.44	− 8 11.4	1.979	2.820	12.5	21.3
2 21	11 35.40	− 7 31.2	1.896	2.811	9.3	21.1
3 2	11 28.75	− 6 30.8	1.837	2.802	5.8	20.8
3 12	11 21.22	− 5 14.2	1.806	2.792	3.1	20.6
3 22	11 13.71	− 3 47.7	1.804	2.783	4.7	20.7
4 1	11 7.12	− 2 19.1	1.829	2.773	8.4	20.9
4 11	11 2.19	− 0 56.4	1.881	2.763	11.9	21.1

215147 1999 VK_{66} 3 10.2 95.°69 4.°2/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.45	+12 14.7	1.678	2.492	15.6	20.8
2 11	11 46.88	+13 8.2	1.614	2.507	12.0	20.6
2 21	11 39.71	+14 8.1	1.574	2.522	8.1	20.4
3 2	11 30.67	+15 6.7	1.559	2.536	4.8	20.2
3 12	11 20.84	+15 55.6	1.572	2.550	4.9	20.2
3 22	11 11.42	+16 28.3	1.612	2.565	8.3	20.5
4 1	11 3.48	+16 41.2	1.678	2.578	12.0	20.7
4 11	10 57.82	+16 34.0	1.766	2.592	15.2	20.9

314208 2005 MX_{30} 3 10.2 319.°18 3.°4/ 7.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.03	+ 7 58.5	1.525	2.348	16.4	21.0
2 11	11 42.41	+ 9 1.6	1.442	2.341	12.7	20.7
2 21	11 37.07	+10 19.1	1.382	2.334	8.5	20.4
3 2	11 29.61	+11 43.4	1.346	2.328	4.4	20.2
3 12	11 21.05	+13 4.2	1.336	2.321	4.2	20.1
3 22	11 12.60	+14 11.7	1.353	2.315	8.4	20.4
4 1	11 5.50	+14 58.7	1.395	2.310	12.8	20.6
4 11	11 0.70	+15 21.7	1.457	2.305	16.8	20.8

163692 2003 CY_{18} 3 10.2 272.°79 7.°6/ 5.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 57.82	+ 9 18.7	1.034	1.865	22.0	20.5
2 11	11 55.25	+11 9.0	0.922	1.824	17.7	20.1
2 21	11 47.96	+13 35.9	0.828	1.781	12.6	19.6
3 2	11 35.75	+16 30.3	0.756	1.734	8.0	19.2
3 12	11 19.48	+19 31.5	0.709	1.686	9.6	19.0
3 22	11 1.22	+22 12.0	0.685	1.634	16.5	19.1
4 1	10 43.95	+24 8.3	0.682	1.580	24.3	19.3
4 11	10 30.49	+25 10.5	0.693	1.524	31.6	19.5

190167 2005 UW_{158} 3 10.2 209.°88 3.°4/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.67	+ 8 38.9	1.815	2.618	15.0	21.2
2 11	11 46.40	+ 9 47.8	1.724	2.612	11.7	21.0
2 21	11 39.58	+11 9.2	1.657	2.604	7.8	20.7
3 2	11 30.73	+12 35.8	1.616	2.596	4.2	20.5
3 12	11 20.81	+13 58.5	1.604	2.587	4.1	20.5
3 22	11 10.95	+15 8.4	1.621	2.577	7.9	20.7
4 1	11 2.30	+15 59.1	1.664	2.566	11.9	20.9
4 11	10 55.77	+16 27.7	1.730	2.554	15.6	21.1

189465 1999 RO_{200} 3 10.2 229.°60 4.°7/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.92	−11 37.3	2.454	3.159	14.2	20.6
2 11	11 44.46	−12 6.1	2.341	3.148	12.0	20.4
2 21	11 37.99	−12 18.5	2.249	3.137	9.4	20.2
3 2	11 29.93	−12 13.5	2.182	3.125	6.7	20.0
3 12	11 20.98	−11 51.8	2.143	3.112	4.8	19.8
3 22	11 11.96	−11 16.4	2.133	3.099	5.4	19.8
4 1	11 3.75	−10 31.9	2.152	3.086	7.9	20.0
4 11	10 57.07	− 9 44.2	2.197	3.072	10.8	20.1

369318 2009 SS_{118} 3 10.2 212.°30 1.°3/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.28	− 2 26.5	2.208	2.970	14.0	22.0
2 11	11 43.26	− 2 9.8	2.107	2.964	11.2	21.8
2 21	11 37.20	− 1 37.8	2.028	2.958	7.9	21.5
3 2	11 29.56	− 0 52.5	1.976	2.951	4.1	21.3
3 12	11 21.08	+ 0 1.6	1.952	2.944	1.3	21.1
3 22	11 12.64	+ 0 59.2	1.958	2.937	4.5	21.3
4 1	11 5.12	+ 1 54.2	1.993	2.929	8.3	21.5
4 11	10 59.24	+ 2 41.3	2.053	2.920	11.8	21.7

393885 2005 TU_{76} 3 10.2 131.°29 4.°1/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.17	+ 9 55.7	1.631	2.443	16.1	20.9
2 11	11 46.80	+11 13.3	1.564	2.456	12.4	20.7
2 21	11 39.76	+12 41.7	1.520	2.468	8.3	20.4
3 2	11 30.75	+14 11.8	1.502	2.480	4.7	20.3
3 12	11 20.84	+15 33.4	1.512	2.492	4.9	20.3
3 22	11 11.28	+16 37.8	1.550	2.502	8.5	20.5
4 1	11 3.20	+17 19.7	1.613	2.512	12.4	20.8
4 11	10 57.44	+17 37.6	1.698	2.521	15.9	21.0

497469 2005 YD_{145} 3 10.2 52.°67 6.°0/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.58	−11 29.7	1.849	2.577	17.5	20.6
2 11	11 45.44	−12 21.6	1.765	2.585	14.8	20.4
2 21	11 38.85	−12 53.6	1.699	2.593	11.6	20.2
3 2	11 30.36	−13 3.7	1.657	2.601	8.3	20.1
3 12	11 20.92	−12 52.6	1.641	2.610	6.1	19.9
3 22	11 11.61	−12 23.9	1.652	2.618	6.7	20.0
4 1	11 3.51	−11 43.5	1.689	2.627	9.4	20.2
4 11	10 57.46	−10 59.0	1.751	2.636	12.6	20.4

432826 2011 HU_{8} 3 10.2 353.°91 0.°7/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 40.93	− 2 8.9	1.620	2.416	16.8	20.9
2 11	11 38.99	− 1 27.5	1.534	2.413	13.4	20.6
2 21	11 34.66	− 0 24.1	1.468	2.410	9.2	20.4
3 2	11 28.47	+ 0 57.4	1.427	2.407	4.5	20.1
3 12	11 21.33	+ 2 29.5	1.413	2.406	0.9	19.8
3 22	11 14.31	+ 4 2.6	1.425	2.405	5.6	20.1
4 1	11 8.47	+ 5 27.1	1.464	2.405	10.3	20.4
4 11	11 4.65	+ 6 35.6	1.525	2.405	14.4	20.6

493697 2015 TM_{70} 3 10.2 144.°05 1.°1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.65	+ 4 57.4	1.511	2.312	17.7	21.7
2 11	11 49.03	+ 5 13.4	1.434	2.318	13.8	21.5
2 21	11 41.46	+ 5 42.7	1.377	2.323	9.3	21.2
3 2	11 31.61	+ 6 20.6	1.345	2.328	4.2	21.0
3 12	11 20.67	+ 6 59.9	1.340	2.332	1.8	20.8
3 22	11 10.00	+ 7 33.3	1.363	2.336	6.8	21.1
4 1	11 0.92	+ 7 55.0	1.411	2.340	11.6	21.4
4 11	10 54.40	+ 8 1.6	1.482	2.343	15.8	21.7

140435 2001 TX_{103} 3 10.2 219.°90 2.°2/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.56	− 5 23.9	2.507	3.253	12.9	20.2
2 11	11 40.89	− 5 17.8	2.405	3.249	10.5	20.0
2 21	11 35.47	− 4 57.0	2.326	3.245	7.6	19.8
3 2	11 28.72	− 4 22.8	2.273	3.241	4.5	19.6
3 12	11 21.29	− 3 38.3	2.249	3.237	2.2	19.5
3 22	11 13.90	− 2 47.8	2.254	3.232	4.0	19.6
4 1	11 7.30	− 1 56.4	2.288	3.228	7.2	19.8
4 11	11 2.10	− 1 9.1	2.349	3.223	10.2	20.0

503487 2016 EA_{181} 3 10.2 321.°00 0.°6/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.39	+ 1 29.9	1.463	2.271	17.8	20.7
2 11	11 42.99	+ 1 27.6	1.363	2.250	14.2	20.4
2 21	11 37.72	+ 1 41.8	1.284	2.229	9.9	20.1
3 2	11 30.05	+ 2 10.1	1.227	2.209	4.8	19.8
3 12	11 20.97	+ 2 47.2	1.196	2.189	1.0	19.4
3 22	11 11.77	+ 3 25.9	1.191	2.171	6.4	19.8
4 1	11 3.84	+ 3 58.7	1.210	2.153	11.7	20.0
4 11	10 58.33	+ 4 19.3	1.250	2.136	16.5	20.2

522521 2016 EP_{235} 3 10.2 345.°14 2.°4/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.94	+ 7 46.3	1.670	2.484	15.7	21.3
2 11	11 43.60	+ 8 17.3	1.588	2.481	12.2	21.1
2 21	11 37.71	+ 8 59.1	1.527	2.477	8.1	20.9
3 2	11 29.87	+ 9 45.9	1.492	2.475	3.9	20.6
3 12	11 21.05	+10 30.6	1.484	2.472	3.0	20.5
3 22	11 12.39	+11 6.2	1.502	2.470	7.0	20.8
4 1	11 5.03	+11 27.3	1.546	2.468	11.3	21.0
4 11	10 59.81	+11 31.2	1.613	2.467	15.1	21.2

265620 2005 SJ_{132} 3 10.2 84.°79 4.°2/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.73	+14 31.5	1.814	2.622	14.8	20.4
2 11	11 48.53	+14 58.0	1.742	2.630	11.5	20.2
2 21	11 40.79	+15 27.5	1.693	2.638	7.9	20.0
3 2	11 31.19	+15 53.5	1.670	2.646	4.8	19.8
3 12	11 20.78	+16 9.3	1.676	2.654	4.8	19.9
3 22	11 10.74	+16 10.4	1.709	2.661	7.9	20.0
4 1	11 2.14	+15 54.6	1.769	2.669	11.5	20.3
4 11	10 55.75	+15 22.2	1.852	2.677	14.7	20.5

309130 2006 XU_{25} 3 10.2 146.°25 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.47	+ 1 59.7	2.085	2.866	14.1	21.2
2 11	11 44.16	+ 2 34.5	2.002	2.874	11.0	21.0
2 21	11 37.75	+ 3 22.6	1.942	2.883	7.4	20.8
3 2	11 29.78	+ 4 20.0	1.909	2.891	3.3	20.5
3 12	11 21.09	+ 5 20.8	1.905	2.898	1.0	20.4
3 22	11 12.57	+ 6 18.7	1.931	2.905	5.1	20.7
4 1	11 5.13	+ 7 8.0	1.984	2.911	8.9	20.9
4 11	10 59.45	+ 7 44.8	2.063	2.917	12.3	21.1

17673 Houkidaisen 3 10.2 257.°25 2.°1/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.13	+ 7 58.9	2.516	3.312	11.5	19.4
2 11	11 40.59	+ 8 46.8	2.416	3.300	8.9	19.2
2 21	11 35.29	+ 9 43.2	2.341	3.287	5.9	19.0
3 2	11 28.66	+10 43.6	2.293	3.275	2.9	18.8
3 12	11 21.32	+11 42.4	2.276	3.262	2.6	18.7
3 22	11 14.01	+12 34.5	2.288	3.248	5.6	18.9
4 1	11 7.48	+13 15.2	2.328	3.235	8.7	19.1
4 11	11 2.33	+13 41.8	2.392	3.222	11.6	19.2

13529 Yokaboshi 3 10.2 35.°04 2.°5/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.50	− 2 11.2	1.252	2.052	20.6	16.9
2 11	11 46.33	− 2 30.3	1.180	2.058	16.6	16.6
2 21	11 39.93	− 2 28.1	1.127	2.065	11.8	16.3
3 2	11 30.99	− 2 6.1	1.096	2.072	6.4	16.1
3 12	11 20.82	− 1 29.6	1.089	2.080	2.5	15.8
3 22	11 10.95	− 0 46.3	1.107	2.088	6.5	16.1
4 1	11 2.85	− 0 5.0	1.149	2.097	11.7	16.4
4 11	10 57.55	+ 0 26.8	1.212	2.106	16.3	16.7

298876 2004 SW_{23} 3 10.2 234.°04 3.°1/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.60	+10 7.3	1.777	2.579	15.3	21.2
2 11	11 48.81	+10 40.2	1.682	2.568	12.0	20.9
2 21	11 41.28	+11 21.8	1.610	2.556	8.1	20.6
3 2	11 31.58	+12 6.1	1.563	2.543	4.2	20.4
3 12	11 20.69	+12 45.5	1.545	2.530	3.8	20.3
3 22	11 9.85	+13 13.4	1.555	2.516	7.6	20.5
4 1	11 0.29	+13 24.9	1.592	2.502	11.9	20.7
4 11	10 52.99	+13 18.3	1.651	2.487	15.7	20.9

242095 2002 TN_{376} 3 10.2 174.°72 5.°9/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.35	+21 39.1	2.504	3.314	11.2	21.1
2 11	11 43.07	+22 52.3	2.433	3.316	8.9	20.9
2 21	11 36.91	+24 4.6	2.387	3.317	6.9	20.8
3 2	11 29.37	+25 9.1	2.369	3.318	5.9	20.7
3 12	11 21.19	+25 59.3	2.380	3.319	6.6	20.8
3 22	11 13.19	+26 31.1	2.418	3.319	8.6	20.9
4 1	11 6.14	+26 42.2	2.482	3.319	10.9	21.1
4 11	11 0.67	+26 33.2	2.567	3.319	13.0	21.2

172395 2003 AN_{84} 3 10.2 21.°39 2.°6/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 40.88	− 6 47.1	1.816	2.586	16.3	19.8
2 11	11 38.61	− 6 24.0	1.736	2.593	13.2	19.6
2 21	11 34.20	− 5 39.1	1.676	2.602	9.6	19.4
3 2	11 28.20	− 4 34.6	1.641	2.611	5.6	19.2
3 12	11 21.44	− 3 15.9	1.632	2.621	2.6	19.0
3 22	11 14.87	− 1 50.9	1.651	2.632	4.8	19.2
4 1	11 9.39	− 0 27.7	1.696	2.643	8.7	19.5
4 11	11 5.70	+ 0 46.1	1.767	2.655	12.3	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
219818	2002 BN_{23}		3 10.2	103.°28	4.°4/ 6.4	18
	h m	° ′			°	m
2 1	11 52.40	+14 57.7	1.954	2.761	14.0	20.1
2 11	11 47.28	+15 38.1	1.887	2.774	10.8	19.9
2 21	11 39.84	+16 21.5	1.843	2.787	7.5	19.7
3 2	11 30.72	+17 0.9	1.826	2.799	4.8	19.6
3 12	11 20.92	+17 29.8	1.838	2.812	5.0	19.6
3 22	11 11.48	+17 43.5	1.878	2.824	7.8	19.8
4 1	11 3.36	+17 39.6	1.945	2.836	11.1	20.0
4 11	10 57.28	+17 18.3	2.034	2.847	14.0	20.2
9436	Shudo		3 10.2	301.°59	2.°3/ 8.4	18
2 1	11 45.55	+ 5 48.8	1.532	2.349	16.7	17.4
2 11	11 42.94	+ 6 33.3	1.439	2.333	13.1	17.1
2 21	11 37.56	+ 7 33.9	1.366	2.317	8.7	16.8
3 2	11 29.94	+ 8 44.5	1.318	2.301	4.1	16.5
3 12	11 21.05	+ 9 56.5	1.296	2.285	3.0	16.4
3 22	11 12.15	+11 0.2	1.300	2.270	7.7	16.6
4 1	11 4.52	+11 47.7	1.329	2.254	12.5	16.8
4 11	10 59.20	+12 14.2	1.379	2.240	16.8	17.0
199868	2007 EF_{145}		3 10.2	235.°30	1.°6/ 8.9	17
2 1	11 51.28	+ 5 6.8	1.761	2.556	15.8	21.4
2 11	11 47.06	+ 5 44.4	1.661	2.543	12.4	21.2
2 21	11 40.16	+ 6 36.2	1.583	2.528	8.3	20.9
3 2	11 31.09	+ 7 37.3	1.531	2.513	3.8	20.6
3 12	11 20.81	+ 8 40.2	1.507	2.498	2.3	20.4
3 22	11 10.48	+ 9 37.0	1.512	2.481	6.8	20.7
4 1	11 1.35	+10 20.9	1.543	2.464	11.4	20.9
4 11	10 54.39	+10 47.3	1.597	2.446	15.5	21.1
399315	1996 TP_{25}		3 10.2	141.°27	1.°4/ 8.9	18
2 1	11 51.29	+ 5 7.2	1.952	2.740	14.7	22.0
2 11	11 46.46	+ 5 43.7	1.874	2.752	11.4	21.8
2 21	11 39.34	+ 6 31.7	1.819	2.763	7.5	21.5
3 2	11 30.54	+ 7 26.1	1.792	2.774	3.4	21.3
3 12	11 20.96	+ 8 20.4	1.793	2.784	1.9	21.2
3 22	11 11.63	+ 9 8.3	1.823	2.793	5.9	21.5
4 1	11 3.53	+ 9 44.6	1.881	2.801	9.8	21.7
4 11	10 57.38	+10 6.3	1.964	2.809	13.2	22.0
161999	1989 RC		3 10.2	244.°73	1.°6/ 8.4	18
2 1	11 50.94	+ 5 11.8	2.473	3.248	12.3	24.0
2 11	11 46.08	+ 6 7.2	2.351	3.222	9.6	23.7
2 21	11 39.16	+ 7 15.0	2.253	3.195	6.5	23.5
3 2	11 30.54	+ 8 30.8	2.184	3.166	3.0	23.2
3 12	11 20.93	+ 9 48.6	2.146	3.135	2.1	23.1
3 22	11 11.15	+11 1.7	2.140	3.104	5.7	23.3
4 1	11 2.11	+12 4.1	2.164	3.071	9.3	23.4
4 11	10 54.59	+12 51.8	2.213	3.036	12.7	23.6
248667	2006 JX_{16}		3 10.2	245.°79	0.°1/10.4	17
2 1	11 44.83	+ 0 30.6	2.432	3.205	12.6	21.7
2 11	11 41.22	+ 1 3.1	2.325	3.192	9.9	21.5
2 21	11 35.78	+ 1 48.7	2.241	3.178	6.8	21.3
3 2	11 28.92	+ 2 44.7	2.184	3.164	3.2	21.0
3 12	11 21.30	+ 3 46.3	2.157	3.150	0.6	20.8
3 22	11 13.67	+ 4 48.0	2.160	3.136	4.4	21.0
4 1	11 6.83	+ 5 44.3	2.191	3.121	8.0	21.2
4 11	11 1.42	+ 6 30.7	2.248	3.106	11.3	21.4
28110	1998 SG_{30}		3 10.2	297.°79	0.°9/ 9.6	18
2 1	11 48.54	+ 3 44.7	1.350	2.164	18.6	19.2
2 11	11 45.64	+ 4 2.2	1.261	2.153	14.7	18.9
2 21	11 39.58	+ 4 36.7	1.192	2.141	10.0	18.6
3 2	11 30.94	+ 5 24.0	1.146	2.129	4.6	18.2
3 12	11 20.85	+ 6 16.2	1.125	2.118	1.7	18.0
3 22	11 10.76	+ 7 4.3	1.130	2.107	7.4	18.3
4 1	11 2.20	+ 7 40.0	1.159	2.096	12.8	18.6
4 11	10 56.32	+ 7 58.0	1.209	2.085	17.6	18.8
458748	2011 QJ_{72}		3 10.2	144.°77	0.°0/10.1	18
2 1	11 52.72	+ 1 42.2	1.934	2.710	15.3	22.2
2 11	11 47.60	+ 2 5.4	1.854	2.722	12.0	22.0
2 21	11 40.13	+ 2 42.4	1.796	2.734	8.1	21.8
3 2	11 30.91	+ 3 29.3	1.764	2.745	3.7	21.6
3 12	11 20.89	+ 4 20.3	1.762	2.755	0.8	21.4
3 22	11 11.11	+ 5 9.2	1.790	2.765	5.3	21.7
4 1	11 2.59	+ 5 50.3	1.845	2.773	9.4	22.0
4 11	10 56.07	+ 6 19.4	1.925	2.781	12.9	22.2
432558	2010 JQ_{79}		3 10.2	247.°35	5.°3/ 3.3	17
2 1	11 45.34	+18 50.6	2.462	3.275	11.2	21.2
2 11	11 41.62	+20 5.0	2.378	3.266	8.9	21.1
2 21	11 36.03	+21 21.4	2.320	3.257	6.6	20.9
3 2	11 29.02	+22 32.9	2.289	3.247	5.3	20.8
3 12	11 21.29	+23 32.7	2.287	3.238	6.1	20.8
3 22	11 13.65	+24 15.7	2.313	3.228	8.3	20.9
4 1	11 6.89	+24 38.7	2.365	3.218	10.8	21.1
4 11	11 1.66	+24 41.4	2.439	3.208	13.2	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
458464	2011 BG_{44}		3 10.2	262.°25	2.°0/12.1	17
	h m	° ′			°	m
2 1	11 46.04	− 3 46.4	1.963	2.730	15.4	21.2
2 11	11 42.61	− 3 38.4	1.864	2.722	12.4	21.0
2 21	11 36.95	− 3 12.9	1.785	2.714	8.8	20.7
3 2	11 29.54	− 2 31.6	1.732	2.705	4.9	20.5
3 12	11 21.18	− 1 38.4	1.706	2.697	2.0	20.2
3 22	11 12.84	− 0 39.5	1.709	2.689	4.9	20.4
4 1	11 5.51	+ 0 18.5	1.739	2.680	8.9	20.6
4 11	10 59.99	+ 1 9.1	1.794	2.671	12.7	20.9
465950	2011 BR_{33}		3 10.2	123.°04	2.°3/ 7.8	17
2 1	11 46.05	+ 6 40.9	1.950	2.753	14.1	21.6
2 11	11 42.47	+ 7 40.7	1.872	2.759	10.9	21.3
2 21	11 36.72	+ 8 52.1	1.817	2.765	7.2	21.1
3 2	11 29.36	+10 9.0	1.789	2.771	3.4	20.9
3 12	11 21.23	+11 23.5	1.790	2.776	3.0	20.9
3 22	11 13.29	+12 28.6	1.819	2.782	6.5	21.1
4 1	11 6.46	+13 18.5	1.875	2.787	10.2	21.3
4 11	11 1.46	+13 50.1	1.954	2.792	13.5	21.6
27687	1981 EM_{23}		3 10.2	99.°79	1.°0/ 9.1	18
2 1	11 48.41	+ 6 9.2	2.551	3.333	11.8	19.3
2 11	11 43.61	+ 6 28.6	2.477	3.352	9.1	19.1
2 21	11 37.11	+ 6 55.2	2.428	3.371	6.0	18.9
3 2	11 29.42	+ 7 25.4	2.407	3.389	2.7	18.7
3 12	11 21.23	+ 7 55.2	2.416	3.407	1.5	18.7
3 22	11 13.28	+ 8 20.6	2.455	3.425	4.6	18.9
4 1	11 6.25	+ 8 38.4	2.523	3.442	7.6	19.1
4 11	11 0.69	+ 8 46.5	2.617	3.459	10.4	19.3
415956	2001 XY_{75}		3 10.2	137.°36	2.°5/ 7.4	18
2 1	11 49.16	+ 9 9.3	2.445	3.235	12.0	22.4
2 11	11 44.32	+10 3.8	2.371	3.251	9.2	22.2
2 21	11 37.67	+11 5.2	2.322	3.266	6.1	22.1
3 2	11 29.71	+12 8.2	2.301	3.281	3.2	21.9
3 12	11 21.18	+13 6.9	2.311	3.295	3.0	21.9
3 22	11 12.86	+13 56.2	2.352	3.308	5.8	22.1
4 1	11 5.52	+14 32.3	2.420	3.320	8.8	22.3
4 11	10 59.73	+14 53.4	2.514	3.331	11.5	22.5
286340	2001 XS_{43}		3 10.2	118.°80	2.°1/12.5	17
2 1	11 46.99	− 4 4.1	2.588	3.333	12.6	20.6
2 11	11 42.62	− 4 11.5	2.497	3.342	10.1	20.5
2 21	11 36.54	− 4 6.5	2.430	3.350	7.3	20.3
3 2	11 29.21	− 3 50.1	2.389	3.358	4.2	20.1
3 12	11 21.28	− 3 25.1	2.378	3.366	2.1	20.0
3 22	11 13.47	− 2 55.1	2.397	3.374	3.9	20.1
4 1	11 6.49	− 2 24.0	2.444	3.382	6.9	20.3
4 11	11 0.92	− 1 56.0	2.518	3.389	9.7	20.5
317035	2001 RZ_{7}		3 10.2	196.°05	2.°5/13.0	18
2 1	11 44.99	− 7 46.7	2.077	2.824	15.3	21.3
2 11	11 41.63	− 7 12.8	1.979	2.822	12.4	21.1
2 21	11 36.19	− 6 17.3	1.902	2.820	9.1	20.9
3 2	11 29.15	− 5 2.0	1.850	2.818	5.3	20.6
3 12	11 21.28	− 3 31.9	1.827	2.815	2.5	20.4
3 22	11 13.48	− 1 54.4	1.832	2.812	4.6	20.6
4 1	11 6.65	− 0 17.6	1.867	2.809	8.4	20.8
4 11	11 1.52	+ 1 10.6	1.928	2.805	12.0	21.0
21178	1994 CJ_{17}		3 10.2	115.°05	3.°5/ 6.9	18
2 1	11 48.91	+ 8 57.5	1.705	2.517	15.5	19.0
2 11	11 44.95	+10 8.1	1.637	2.529	11.9	18.8
2 21	11 38.50	+11 29.6	1.591	2.541	7.9	18.6
3 2	11 30.20	+12 54.0	1.572	2.552	4.2	18.4
3 12	11 21.07	+14 11.8	1.581	2.563	4.3	18.4
3 22	11 12.25	+15 15.1	1.617	2.574	7.8	18.7
4 1	11 4.79	+15 58.3	1.680	2.584	11.7	18.9
4 11	10 59.47	+16 19.5	1.764	2.594	15.1	19.1
501056	2013 SO_{14}		3 10.3	205.°08	0.°7/10.9	17
2 1	11 45.16	− 1 38.0	2.015	2.790	14.7	22.0
2 11	11 41.80	− 1 3.1	1.922	2.789	11.7	21.8
2 21	11 36.31	− 0 11.1	1.851	2.787	8.0	21.5
3 2	11 29.21	+ 0 55.0	1.806	2.785	4.0	21.3
3 12	11 21.28	+ 2 9.3	1.789	2.782	0.8	21.0
3 22	11 13.44	+ 3 24.8	1.802	2.780	4.9	21.3
4 1	11 6.59	+ 4 34.3	1.842	2.777	8.9	21.5
4 11	11 1.49	+ 5 32.0	1.907	2.774	12.5	21.8
55237	2001 RK_{81}		3 10.3	190.°22	0.°4/ 9.8	17
2 1	11 49.85	+ 3 23.7	2.150	2.930	13.8	20.0
2 11	11 45.27	+ 3 42.2	2.057	2.929	10.8	19.8
2 21	11 38.56	+ 4 11.8	1.987	2.928	7.3	19.6
3 2	11 30.23	+ 4 49.2	1.944	2.926	3.3	19.3
3 12	11 21.09	+ 5 29.4	1.931	2.924	1.0	19.1
3 22	11 12.05	+ 6 7.2	1.947	2.921	5.1	19.4
4 1	11 4.02	+ 6 37.7	1.991	2.918	8.9	19.6
4 11	10 57.76	+ 6 57.5	2.061	2.914	12.3	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
264692	2002 AU_{41}		3 10.3	37.°34	2.°1/12.0	18
	h m	° ′			°	m
2 1	11 45.87	− 3 22.0	1.523	2.310	18.2	20.2
2 11	11 42.85	− 3 19.9	1.453	2.323	14.5	20.0
2 21	11 37.24	− 2 57.3	1.403	2.337	10.3	19.7
3 2	11 29.67	− 2 16.7	1.376	2.351	5.6	19.5
3 12	11 21.23	− 1 23.8	1.375	2.366	2.1	19.3
3 22	11 13.08	− 0 26.0	1.400	2.381	5.5	19.6
4 1	11 6.36	+ 0 28.5	1.451	2.397	9.9	19.9
4 11	11 1.86	+ 1 13.1	1.526	2.413	13.9	20.1
425689	2011 AK_{57}		3 10.3	202.°99	2.°8/12.8	17
2 1	11 47.36	− 5 33.3	1.936	2.693	15.9	21.6
2 11	11 43.63	− 5 37.9	1.842	2.692	12.9	21.4
2 21	11 37.63	− 5 24.4	1.769	2.691	9.4	21.2
3 2	11 29.86	− 4 53.9	1.721	2.690	5.6	21.0
3 12	11 21.18	− 4 9.8	1.701	2.689	2.9	20.8
3 22	11 12.57	− 3 17.5	1.708	2.687	5.0	20.9
4 1	11 5.04	− 2 23.7	1.743	2.686	8.8	21.2
4 11	10 59.38	− 1 34.8	1.803	2.684	12.5	21.4
353478	2011 SM_{37}		3 10.3	59.°56	1.°9/12.8	17
2 1	11 41.80	− 6 3.3	2.488	3.237	12.9	21.0
2 11	11 38.71	− 5 37.3	2.401	3.247	10.4	20.8
2 21	11 33.98	− 4 55.2	2.336	3.257	7.5	20.6
3 2	11 28.06	− 3 59.2	2.297	3.266	4.3	20.5
3 12	11 21.58	− 2 53.4	2.287	3.276	2.0	20.3
3 22	11 15.23	− 1 43.1	2.307	3.286	3.8	20.5
4 1	11 9.68	− 0 33.9	2.355	3.296	6.9	20.7
4 11	11 5.48	+ 0 28.9	2.430	3.306	9.8	20.9
313019	1999 WR_{19}		3 10.3	128.°56	0.°0/10.1	18
2 1	11 50.46	+ 1 16.4	1.943	2.721	15.1	21.8
2 11	11 45.83	+ 1 44.1	1.865	2.735	11.8	21.6
2 21	11 38.94	+ 2 26.0	1.810	2.749	8.0	21.3
3 2	11 30.39	+ 3 18.2	1.782	2.762	3.7	21.1
3 12	11 21.09	+ 4 14.6	1.782	2.775	0.8	20.9
3 22	11 12.04	+ 5 8.9	1.811	2.787	5.2	21.2
4 1	11 4.20	+ 5 55.2	1.869	2.798	9.2	21.5
4 11	10 58.29	+ 6 29.2	1.951	2.809	12.7	21.7
522234	2016 AR_{269}		3 10.3	215.°85	6.°6/ 2.4	17
2 1	11 47.33	+19 45.1	2.075	2.893	12.9	20.9
2 11	11 43.56	+21 23.1	1.999	2.888	10.2	20.8
2 21	11 37.54	+23 3.4	1.948	2.883	7.8	20.6
3 2	11 29.80	+24 37.0	1.924	2.877	6.6	20.5
3 12	11 21.20	+25 54.6	1.929	2.872	7.7	20.6
3 22	11 12.72	+26 49.7	1.960	2.865	10.1	20.7
4 1	11 5.34	+27 19.0	2.016	2.859	12.8	20.9
4 11	10 59.82	+27 22.7	2.092	2.852	15.4	21.0
39375	2002 CW_{100}		3 10.3	331.°13	1.°7/ 9.0	18
2 1	11 44.43	+ 4 42.0	1.262	2.091	18.9	18.4
2 11	11 42.57	+ 5 12.1	1.178	2.079	14.8	18.1
2 21	11 37.59	+ 6 0.5	1.114	2.067	10.0	17.8
3 2	11 30.06	+ 7 1.4	1.072	2.056	4.5	17.4
3 12	11 21.13	+ 8 5.6	1.054	2.046	2.5	17.2
3 22	11 12.26	+ 9 2.7	1.061	2.037	8.0	17.5
4 1	11 4.93	+ 9 43.7	1.091	2.028	13.4	17.8
4 11	11 0.29	+10 3.2	1.141	2.021	18.2	18.1
417156	2005 WM_{20}		3 10.3	157.°07	6.°1/17.2	15
2 1	11 47.46	−17 9.6	2.310	2.990	15.6	21.3
2 11	11 43.39	−17 31.7	2.214	2.996	13.4	21.1
2 21	11 37.31	−17 32.5	2.137	3.001	10.9	20.9
3 2	11 29.67	−17 10.3	2.084	3.006	8.3	20.8
3 12	11 21.25	−16 26.2	2.057	3.010	6.4	20.7
3 22	11 12.91	−15 24.1	2.057	3.014	6.4	20.7
4 1	11 5.50	−14 10.1	2.086	3.018	8.2	20.8
4 11	10 59.75	−12 51.6	2.141	3.021	10.8	20.9
500506	2012 TF_{287}		3 10.3	123.°97	1.°6/ 8.4	17
2 1	11 45.61	+ 6 54.4	2.475	3.267	11.8	21.8
2 11	11 41.64	+ 7 31.1	2.393	3.274	9.1	21.6
2 21	11 35.94	+ 8 15.8	2.336	3.281	6.0	21.4
3 2	11 28.97	+ 9 4.3	2.306	3.288	2.8	21.2
3 12	11 21.43	+ 9 51.4	2.306	3.295	2.0	21.1
3 22	11 14.04	+10 32.6	2.336	3.301	5.1	21.4
4 1	11 7.51	+11 3.8	2.393	3.308	8.2	21.6
4 11	11 2.44	+11 22.8	2.476	3.314	11.0	21.8
406348	2007 RL_{127}		3 10.3	231.°06	1.°2/ 9.2	17
2 1	11 52.03	+ 5 5.2	1.937	2.724	14.8	22.5
2 11	11 47.39	+ 5 30.3	1.835	2.712	11.6	22.3
2 21	11 40.27	+ 6 7.3	1.755	2.698	7.8	22.0
3 2	11 31.16	+ 6 52.0	1.702	2.684	3.6	21.7
3 12	11 20.94	+ 7 38.4	1.678	2.669	1.8	21.6
3 22	11 10.71	+ 8 20.2	1.683	2.654	6.1	21.8
4 1	11 1.57	+ 8 51.6	1.715	2.638	10.4	22.0
4 11	10 54.43	+ 9 9.0	1.772	2.621	14.2	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
397526	2007 TN_{174}		3 10.3	163.°02	0.°3/ 9.9	18
	h m	° ′			°	m
2 1	11 49.69	+ 1 27.5	2.021	2.799	14.6	22.1
2 11	11 45.24	+ 2 5.6	1.935	2.805	11.4	21.9
2 21	11 38.59	+ 2 58.2	1.871	2.811	7.7	21.7
3 2	11 30.28	+ 4 1.3	1.835	2.816	3.5	21.4
3 12	11 21.15	+ 5 8.5	1.827	2.820	0.9	21.2
3 22	11 12.19	+ 6 13.1	1.850	2.824	5.2	21.5
4 1	11 4.33	+ 7 8.8	1.900	2.827	9.3	21.8
4 11	10 58.31	+ 7 51.1	1.975	2.829	12.7	22.0
424728	2008 SL_{227}		3 10.3	225.°48	2.°1/12.2	17
2 1	11 47.30	− 3 31.2	2.109	2.869	14.6	21.0
2 11	11 43.40	− 3 33.6	2.012	2.866	11.8	20.8
2 21	11 37.39	− 3 20.7	1.937	2.863	8.4	20.6
3 2	11 29.75	− 2 54.0	1.888	2.860	4.7	20.4
3 12	11 21.26	− 2 16.8	1.867	2.857	2.1	20.2
3 22	11 12.84	− 1 34.0	1.875	2.854	4.6	20.3
4 1	11 5.39	− 0 51.1	1.910	2.850	8.3	20.6
4 11	10 59.66	− 0 13.7	1.971	2.847	11.8	20.8
298826	2004 RY_{102}		3 10.3	104.°16	2.°3/11.9	18
2 1	11 53.39	− 2 50.4	1.619	2.390	18.0	21.8
2 11	11 48.56	− 3 1.5	1.546	2.406	14.4	21.6
2 21	11 41.02	− 2 54.5	1.492	2.421	10.2	21.3
3 2	11 31.44	− 2 31.2	1.463	2.437	5.6	21.1
3 12	11 20.93	− 1 56.1	1.461	2.451	2.3	20.9
3 22	11 10.73	− 1 15.4	1.487	2.466	5.5	21.2
4 1	11 2.05	− 0 35.9	1.539	2.480	9.9	21.5
4 11	10 55.72	− 0 3.7	1.616	2.493	13.8	21.7
512536	2016 SN_4		3 10.3	270.°35	6.°1/17.7	17
2 1	11 43.92	−18 38.6	2.671	3.336	14.0	21.3
2 11	11 40.56	−18 58.9	2.548	3.316	12.2	21.2
2 21	11 35.41	−18 59.8	2.445	3.297	10.2	21.0
3 2	11 28.84	−18 39.5	2.365	3.277	8.0	20.8
3 12	11 21.46	−17 58.4	2.311	3.257	6.4	20.7
3 22	11 13.98	−16 58.8	2.285	3.236	6.3	20.6
4 1	11 7.19	−15 45.7	2.287	3.216	7.8	20.7
4 11	11 1.75	−14 25.6	2.315	3.195	10.1	20.8
316280	2010 PO_{61}		3 10.3	224.°26	0.°2/10.1	17
2 1	11 48.97	+ 1 22.8	2.018	2.798	14.6	21.7
2 11	11 44.88	+ 1 54.4	1.917	2.788	11.5	21.4
2 21	11 38.50	+ 2 40.9	1.837	2.777	7.8	21.2
3 2	11 30.32	+ 3 38.9	1.785	2.766	3.6	20.9
3 12	11 21.15	+ 4 42.6	1.761	2.754	0.9	20.7
3 22	11 11.98	+ 5 45.2	1.766	2.741	5.3	21.0
4 1	11 3.82	+ 6 40.2	1.799	2.728	9.6	21.2
4 11	10 57.50	+ 7 22.5	1.857	2.714	13.3	21.4
493512	2015 CH_3		3 10.3	158.°35	0.°9/11.3	17
2 1	11 45.78	− 1 52.0	2.233	3.000	13.7	21.5
2 11	11 42.03	− 1 26.9	2.142	3.003	10.9	21.3
2 21	11 36.35	− 0 46.8	2.074	3.006	7.5	21.1
3 2	11 29.23	+ 0 5.4	2.032	3.009	3.8	20.9
3 12	11 21.40	+ 1 5.2	2.019	3.012	1.0	20.7
3 22	11 13.68	+ 2 6.7	2.036	3.014	4.4	20.9
4 1	11 6.89	+ 3 4.1	2.081	3.017	8.0	21.2
4 11	11 1.68	+ 3 52.4	2.152	3.018	11.3	21.4
432997	2012 QR_{22}		3 10.3	190.°92	1.°2/11.7	17
2 1	11 44.81	− 2 53.9	2.417	3.176	13.0	22.2
2 11	11 41.17	− 2 30.4	2.320	3.176	10.4	22.0
2 21	11 35.73	− 1 52.3	2.246	3.175	7.3	21.8
3 2	11 28.94	− 1 1.8	2.198	3.173	3.8	21.6
3 12	11 21.47	− 0 3.3	2.180	3.172	1.2	21.4
3 22	11 14.07	+ 0 58.2	2.191	3.170	4.1	21.6
4 1	11 7.50	+ 1 57.0	2.231	3.168	7.5	21.8
4 11	11 2.37	+ 2 48.2	2.297	3.165	10.7	22.0
11490	1988 TE		3 10.3	163.°30	0.°6/10.9	18
2 1	11 49.98	− 0 38.9	2.141	2.907	14.3	19.1
2 11	11 45.36	− 0 13.9	2.052	2.914	11.3	18.9
2 21	11 38.62	+ 0 25.6	1.986	2.920	7.7	18.7
3 2	11 30.30	+ 1 16.6	1.946	2.925	3.8	18.4
3 12	11 21.20	+ 2 14.2	1.936	2.929	0.8	18.2
3 22	11 12.24	+ 3 12.2	1.956	2.933	4.7	18.5
4 1	11 4.33	+ 4 4.9	2.004	2.936	8.5	18.7
4 11	10 58.17	+ 4 47.4	2.078	2.938	12.0	19.0
170133	2003 AB_{36}		3 10.3	123.°55	4.°2/ 4.8	18 R
2 1	11 45.82	+15 24.2	2.533	3.340	11.1	20.4
2 11	11 41.79	+16 35.1	2.464	3.352	8.6	20.3
2 21	11 36.03	+17 49.0	2.422	3.364	6.0	20.1
3 2	11 29.03	+18 59.6	2.407	3.375	4.3	20.0
3 12	11 21.47	+20 0.7	2.423	3.386	4.9	20.1
3 22	11 14.11	+20 47.6	2.467	3.397	7.1	20.2
4 1	11 7.64	+21 17.4	2.538	3.407	9.6	20.4
4 11	11 2.64	+21 29.3	2.632	3.417	11.9	20.6

415814 2001 PQ_{67} 3 10.3 194.°15 2.°5/ 7.6 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.68	+10 26.7	2.461	3.249	12.0	22.2
2 11	11 46.44	+11 1.5	2.368	3.246	9.3	22.0
2 21	11 39.24	+11 42.0	2.300	3.243	6.2	21.8
3 2	11 30.56	+12 23.7	2.260	3.239	3.3	21.6
3 12	11 21.15	+13 1.2	2.251	3.234	3.0	21.6
3 22	11 11.84	+13 30.0	2.272	3.228	5.9	21.8
4 1	11 3.47	+13 46.5	2.321	3.222	9.1	22.0
4 11	10 56.71	+13 49.3	2.396	3.215	11.9	22.2

140862 2001 VB_3 3 10.3 206.°63 3.°7/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.93	+15 5.1	2.539	3.341	11.3	20.1
2 11	11 43.48	+15 46.3	2.454	3.339	8.7	20.0
2 21	11 37.21	+16 30.1	2.393	3.336	6.1	19.8
3 2	11 29.60	+17 11.5	2.361	3.333	4.0	19.6
3 12	11 21.35	+17 45.0	2.358	3.329	4.3	19.7
3 22	11 13.24	+18 6.6	2.384	3.326	6.7	19.8
4 1	11 6.01	+18 13.5	2.438	3.322	9.4	20.0
4 11	11 0.29	+18 5.1	2.515	3.318	11.9	20.1

147716 2005 KY_{12} 3 10.3 182.°58 0.°2/10.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.23	+ 0 54.3	3.034	3.798	10.5	21.6
2 11	11 40.30	+ 1 21.1	2.936	3.798	8.2	21.4
2 21	11 34.94	+ 1 57.6	2.863	3.798	5.6	21.2
3 2	11 28.52	+ 2 41.4	2.818	3.798	2.6	21.0
3 12	11 21.58	+ 3 28.7	2.804	3.797	0.5	20.8
3 22	11 14.72	+ 4 15.8	2.820	3.796	3.5	21.1
4 1	11 8.50	+ 4 58.7	2.867	3.794	6.4	21.3
4 11	11 3.43	+ 5 34.4	2.939	3.792	9.0	21.4

505430 2013 RR_{70} 3 10.3 229.°38 4.°7/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.05	−11 12.3	2.181	2.899	15.4	21.9
2 11	11 44.07	−11 34.0	2.074	2.891	13.0	21.7
2 21	11 37.92	−11 37.0	1.987	2.882	10.1	21.4
3 2	11 30.06	−11 20.3	1.925	2.873	7.0	21.2
3 12	11 21.24	−10 45.4	1.890	2.864	4.9	21.1
3 22	11 12.39	− 9 56.1	1.884	2.854	5.6	21.1
4 1	11 4.45	− 8 58.2	1.905	2.844	8.4	21.3
4 11	10 58.22	− 7 58.7	1.952	2.833	11.6	21.4

190062 2004 RZ_{315} 3 10.3 209.°39 0.°8/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.46	+ 4 46.8	2.288	3.069	13.0	20.9
2 11	11 44.90	+ 5 5.8	2.191	3.064	10.2	20.7
2 21	11 38.31	+ 5 34.4	2.117	3.059	6.8	20.5
3 2	11 30.17	+ 6 9.3	2.071	3.053	3.1	20.2
3 12	11 21.24	+ 6 45.5	2.055	3.047	1.3	20.1
3 22	11 12.39	+ 7 18.4	2.068	3.040	5.0	20.3
4 1	11 4.47	+ 7 43.6	2.110	3.033	8.7	20.5
4 11	10 58.19	+ 7 58.1	2.177	3.026	11.9	20.7

2925 Beatty 3 10.3 22.°08 1.°6/11.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.73	− 1 54.2	1.134	1.953	21.2	16.5
2 11	11 42.03	− 1 47.8	1.071	1.961	16.9	16.2
2 21	11 37.14	− 1 16.6	1.026	1.971	11.8	15.9
3 2	11 29.80	− 0 24.0	1.002	1.982	6.0	15.7
3 12	11 21.33	+ 0 41.8	1.001	1.994	1.6	15.4
3 22	11 13.22	+ 1 50.1	1.025	2.007	6.6	15.8
4 1	11 6.90	+ 2 50.5	1.071	2.022	12.0	16.1
4 11	11 3.33	+ 3 34.8	1.138	2.037	16.7	16.4

374612 2006 DU_{212} 3 10.3 214.°41 1.°0/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.61	+ 4 43.4	2.196	2.984	13.3	21.6
2 11	11 43.54	+ 5 10.1	2.103	2.980	10.4	21.3
2 21	11 37.43	+ 5 47.3	2.032	2.976	6.9	21.1
3 2	11 29.78	+ 6 31.3	1.989	2.971	3.1	20.9
3 12	11 21.33	+ 7 16.6	1.975	2.967	1.5	20.7
3 22	11 12.97	+ 7 58.0	1.990	2.962	5.2	21.0
4 1	11 5.57	+ 8 30.6	2.033	2.957	8.9	21.2
4 11	10 59.83	+ 8 51.1	2.101	2.951	12.2	21.4

35920 1999 JJ_{101} 3 10.3 22.°35 6.°3/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.61	+15 5.6	1.247	2.085	18.5	18.3
2 11	11 47.27	+15 58.2	1.185	2.089	14.4	18.1
2 21	11 40.59	+16 56.2	1.143	2.094	10.1	17.8
3 2	11 31.37	+17 49.3	1.124	2.099	6.7	17.7
3 12	11 21.02	+18 26.3	1.130	2.105	7.1	17.7
3 22	11 11.11	+18 39.7	1.160	2.111	10.8	17.9
4 1	11 3.13	+18 26.4	1.212	2.119	15.1	18.2
4 11	10 58.04	+17 47.9	1.284	2.126	18.9	18.4

326180 2012 BY_{131} 3 10.3 111.°83 0.°5/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.39	− 1 32.9	1.789	2.569	16.1	20.9
2 11	11 43.69	− 0 50.4	1.713	2.582	12.7	20.7
2 21	11 37.66	+ 0 10.8	1.657	2.595	8.7	20.5
3 2	11 29.89	+ 1 26.6	1.627	2.607	4.2	20.2
3 12	11 21.33	+ 2 49.7	1.626	2.619	0.8	20.0
3 22	11 13.00	+ 4 11.9	1.653	2.630	5.3	20.3
4 1	11 5.90	+ 5 25.2	1.707	2.642	9.5	20.6
4 11	11 0.78	+ 6 24.0	1.785	2.652	13.3	20.8

341704 2007 VX_{168} 3 10.3 57.°21 1.°8/12.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.54	− 3 42.7	2.185	2.948	14.1	20.8
2 11	11 41.08	− 3 32.0	2.101	2.958	11.3	20.7
2 21	11 35.72	− 3 5.9	2.040	2.967	8.0	20.5
3 2	11 28.95	− 2 26.3	2.004	2.977	4.4	20.3
3 12	11 21.52	− 1 37.4	1.996	2.987	1.8	20.1
3 22	11 14.25	− 0 44.5	2.017	2.997	4.2	20.3
4 1	11 7.94	+ 0 6.8	2.066	3.007	7.8	20.5
4 11	11 3.21	+ 0 51.3	2.140	3.017	11.0	20.7

22525 1998 FB_{12} 3 10.3 203.°58 0.°3/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.04	+ 0 32.8	1.745	2.525	16.5	18.6
2 11	11 47.62	+ 0 54.6	1.651	2.521	13.1	18.4
2 21	11 40.54	+ 1 33.2	1.578	2.516	9.0	18.1
3 2	11 31.34	+ 2 25.4	1.530	2.511	4.3	17.8
3 12	11 21.01	+ 3 24.9	1.511	2.504	0.8	17.5
3 22	11 10.72	+ 4 24.3	1.520	2.497	5.8	17.9
4 1	11 1.69	+ 5 16.4	1.556	2.488	10.5	18.1
4 11	10 54.85	+ 5 55.4	1.616	2.479	14.6	18.3

149452 2003 CM_{17} 3 10.3 281.°39 4.°3/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.44	+10 24.6	1.843	2.662	14.2	19.9
2 11	11 41.68	+11 54.2	1.747	2.643	11.0	19.6
2 21	11 36.54	+13 36.9	1.675	2.625	7.5	19.4
3 2	11 29.50	+15 24.5	1.629	2.606	4.6	19.1
3 12	11 21.39	+17 6.9	1.612	2.588	5.3	19.1
3 22	11 13.24	+18 34.3	1.622	2.569	8.8	19.3
4 1	11 6.13	+19 39.5	1.658	2.550	12.6	19.5
4 11	11 0.95	+20 19.2	1.715	2.531	16.1	19.7

387409 2013 TM_3 3 10.3 167.°64 2.°9/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.38	+ 9 7.8	2.108	2.912	13.2	21.1
2 11	11 42.64	+10 5.5	2.026	2.914	10.2	20.9
2 21	11 36.84	+11 12.1	1.967	2.915	6.7	20.7
3 2	11 29.50	+12 21.7	1.937	2.917	3.6	20.5
3 12	11 21.42	+13 27.1	1.935	2.918	3.5	20.5
3 22	11 13.48	+14 22.0	1.961	2.919	6.6	20.7
4 1	11 6.56	+15 1.5	2.015	2.919	10.1	20.9
4 11	11 1.35	+15 23.4	2.092	2.920	13.1	21.1

457044 2008 CA_{206} 3 10.3 292.°98 8.°1/ 1.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.42	+18 54.3	1.613	2.448	15.1	21.2
2 11	11 42.79	+20 56.2	1.540	2.439	12.0	21.0
2 21	11 37.44	+23 3.8	1.491	2.431	9.2	20.8
3 2	11 29.94	+25 4.5	1.467	2.422	8.1	20.7
3 12	11 21.31	+26 45.6	1.469	2.413	9.5	20.8
3 22	11 12.80	+27 57.4	1.497	2.405	12.4	20.9
4 1	11 5.63	+28 35.4	1.547	2.396	15.7	21.1
4 11	11 0.77	+28 40.2	1.615	2.388	18.7	21.3

369972 1996 RT_{14} 3 10.3 175.°25 0.°2/10.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.55	+ 2 46.8	2.602	3.369	12.0	23.1
2 11	11 44.65	+ 3 9.0	2.508	3.373	9.4	23.0
2 21	11 37.97	+ 3 41.0	2.438	3.375	6.3	22.8
3 2	11 29.97	+ 4 19.8	2.396	3.377	2.9	22.5
3 12	11 21.33	+ 5 1.2	2.385	3.378	0.8	22.4
3 22	11 12.79	+ 5 40.8	2.405	3.379	4.3	22.6
4 1	11 5.09	+ 6 14.6	2.455	3.378	7.6	22.8
4 11	10 58.85	+ 6 39.4	2.530	3.377	10.5	23.0

306198 2011 PF_{10} 3 10.3 159.°66 0.°5/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.79	− 0 53.0	2.969	3.728	10.8	21.5
2 11	11 39.98	− 0 24.8	2.876	3.733	8.5	21.3
2 21	11 34.74	+ 0 14.2	2.806	3.738	5.9	21.2
3 2	11 28.45	+ 1 1.7	2.765	3.742	2.9	21.0
3 12	11 21.65	+ 1 54.0	2.753	3.747	0.6	20.8
3 22	11 14.94	+ 2 47.0	2.773	3.750	3.5	21.0
4 1	11 8.91	+ 3 36.5	2.822	3.754	6.4	21.2
4 11	11 4.04	+ 4 19.0	2.898	3.757	9.0	21.4

321266 2009 DK_{87} 3 10.3 357.°97 2.°1/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.78	+ 7 40.0	1.839	2.651	14.5	20.5
2 11	11 41.71	+ 8 10.4	1.757	2.648	11.3	20.2
2 21	11 36.38	+ 8 50.5	1.697	2.647	7.5	20.0
3 2	11 29.34	+ 9 35.3	1.663	2.646	3.5	19.8
3 12	11 21.47	+10 18.1	1.657	2.645	2.7	19.7
3 22	11 13.75	+10 53.0	1.678	2.646	6.4	19.9
4 1	11 7.17	+11 14.9	1.725	2.647	10.3	20.2
4 11	11 2.48	+11 21.3	1.794	2.648	13.8	20.4

75019 1999 UZ_7 3 10.3 87.°86 3.°5/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.30	+10 5.1	1.617	2.431	16.1	19.4
2 11	11 46.23	+10 51.6	1.547	2.440	12.4	19.2
2 21	11 39.50	+11 47.3	1.499	2.449	8.3	19.0
3 2	11 30.79	+12 44.7	1.477	2.457	4.4	18.8
3 12	11 21.18	+13 35.5	1.482	2.466	4.2	18.8
3 22	11 11.89	+14 12.5	1.514	2.474	7.9	19.0
4 1	11 4.06	+14 31.1	1.571	2.483	11.9	19.3
4 11	10 58.52	+14 30.0	1.651	2.491	15.5	19.5

141810 2002 NB_{40} 3 10.3 179.°63 0.°6/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.48	+ 2 57.0	2.282	3.058	13.2	21.7
2 11	11 44.88	+ 3 33.0	2.190	3.060	10.3	21.5
2 21	11 38.28	+ 4 20.9	2.121	3.061	6.9	21.3
3 2	11 30.16	+ 5 16.8	2.080	3.061	3.1	21.0
3 12	11 21.30	+ 6 15.4	2.069	3.061	1.1	20.9
3 22	11 12.54	+ 7 10.8	2.088	3.060	5.0	21.1
4 1	11 4.74	+ 7 57.8	2.136	3.058	8.6	21.4
4 11	10 58.58	+ 8 32.7	2.209	3.056	11.8	21.6

288262 2003 YZ_{142} 3 10.3 62.°27 4.°0/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.85	+14 18.5	2.102	2.911	13.0	20.4
2 11	11 44.53	+14 57.9	2.026	2.915	10.1	20.2
2 21	11 38.08	+15 40.9	1.973	2.918	7.0	20.0
3 2	11 30.06	+16 21.3	1.948	2.922	4.4	19.9
3 12	11 21.33	+16 53.0	1.951	2.926	4.6	19.9
3 22	11 12.83	+17 11.2	1.982	2.929	7.3	20.1
4 1	11 5.44	+17 13.1	2.040	2.933	10.5	20.3
4 11	10 59.87	+16 58.3	2.120	2.937	13.4	20.4

283397 2000 RV_{100} 3 10.3 89.°07 7.°2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.84	−26 38.2	2.679	3.283	15.1	20.2
2 11	11 40.33	−26 37.4	2.589	3.300	13.4	20.0
2 21	11 35.11	−26 12.2	2.517	3.318	11.5	19.9
3 2	11 28.65	−25 21.1	2.466	3.336	9.5	19.8
3 12	11 21.63	−24 5.3	2.440	3.353	7.9	19.7
3 22	11 14.79	−22 28.7	2.441	3.370	7.2	19.7
4 1	11 8.83	−20 37.6	2.471	3.387	7.9	19.8
4 11	11 4.32	−18 40.1	2.528	3.404	9.5	19.9

84847 2003 AW_{28} 3 10.3 95.°43 4.°1/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.57	+13 47.0	2.332	3.144	11.8	19.9
2 11	11 41.01	+15 2.6	2.263	3.154	9.1	19.8
2 21	11 35.62	+16 23.0	2.218	3.163	6.3	19.6
3 2	11 28.90	+17 41.4	2.202	3.173	4.3	19.5
3 12	11 21.59	+18 50.9	2.215	3.183	4.8	19.6
3 22	11 14.46	+19 46.0	2.256	3.192	7.3	19.7
4 1	11 8.27	+20 23.0	2.324	3.202	10.0	19.9
4 11	11 3.62	+20 40.9	2.415	3.211	12.5	20.1

166141 2002 DF_{15} 3 10.3 4.°64 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 39.48	− 1 32.3	1.184	2.008	20.2	20.1
2 11	11 38.71	− 0 25.3	1.111	2.007	15.9	19.8
2 21	11 34.97	+ 1 11.8	1.057	2.007	10.8	19.5
3 2	11 28.87	+ 3 12.4	1.025	2.008	4.9	19.2
3 12	11 21.58	+ 5 23.6	1.018	2.011	1.4	18.9
3 22	11 14.49	+ 7 30.2	1.035	2.014	7.4	19.3
4 1	11 8.97	+ 9 18.0	1.076	2.018	13.0	19.6
4 11	11 6.02	+10 38.1	1.138	2.024	17.8	19.9

246427 2007 VK_{56} 3 10.3 257.°76 3.°7/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.23	+ 9 44.5	1.767	2.578	15.1	21.1
2 11	11 45.55	+10 44.3	1.669	2.560	11.8	20.9
2 21	11 39.24	+11 56.1	1.594	2.542	8.0	20.6
3 2	11 30.81	+13 12.7	1.544	2.523	4.4	20.3
3 12	11 21.17	+14 25.1	1.522	2.504	4.4	20.3
3 22	11 11.47	+15 24.8	1.528	2.485	8.2	20.5
4 1	11 2.93	+16 5.2	1.560	2.465	12.4	20.7
4 11	10 56.52	+16 23.2	1.613	2.444	16.2	20.9

210540 1999 RW 3 10.3 211.°34 2.°8/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.88	− 5 50.5	2.146	2.888	15.0	21.2
2 11	11 46.27	− 5 56.1	2.040	2.880	12.3	21.0
2 21	11 39.41	− 5 45.3	1.956	2.873	9.0	20.8
3 2	11 30.79	− 5 18.3	1.897	2.864	5.4	20.5
3 12	11 21.19	− 4 38.3	1.867	2.854	2.9	20.3
3 22	11 11.56	− 3 49.7	1.867	2.844	4.8	20.4
4 1	11 2.90	− 2 58.7	1.895	2.833	8.5	20.6
4 11	10 56.01	− 2 11.2	1.949	2.821	12.1	20.8

333760 2011 BS_{83} 3 10.3 298.°28 7.°3/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.26	−13 36.6	1.855	2.573	17.8	20.2
2 11	11 44.91	−14 37.4	1.739	2.549	15.4	20.0
2 21	11 38.95	−15 19.1	1.641	2.525	12.5	19.7
3 2	11 30.76	−15 38.0	1.566	2.501	9.6	19.5
3 12	11 21.16	−15 32.5	1.516	2.477	7.5	19.3
3 22	11 11.25	−15 4.3	1.492	2.453	7.9	19.3
4 1	11 2.28	−14 18.6	1.494	2.429	10.6	19.4
4 11	10 55.34	−13 23.7	1.519	2.406	14.0	19.5

125731 2001 XK_{112} 3 10.3 87.°91 1.°7/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.99	− 3 50.5	1.863	2.633	15.9	20.2
2 11	11 42.57	− 3 28.4	1.781	2.642	12.8	20.0
2 21	11 36.92	− 2 47.3	1.721	2.651	9.0	19.8
3 2	11 29.59	− 1 50.0	1.685	2.660	4.8	19.6
3 12	11 21.46	− 0 42.0	1.677	2.669	1.7	19.4
3 22	11 13.51	+ 0 29.6	1.698	2.678	4.8	19.6
4 1	11 6.71	+ 1 37.4	1.746	2.687	8.9	19.9
4 11	11 1.78	+ 2 35.0	1.818	2.695	12.6	20.1

506203 2016 GR_{211} 3 10.3 217.°11 1.°5/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.25	− 4 58.2	2.329	3.081	13.7	22.4
2 11	11 41.68	− 4 20.4	2.224	3.074	11.0	22.2
2 21	11 36.20	− 3 24.6	2.141	3.066	7.8	21.9
3 2	11 29.25	− 2 13.2	2.084	3.057	4.3	21.7
3 12	11 21.52	− 0 50.8	2.057	3.048	1.5	21.5
3 22	11 13.80	+ 0 36.2	2.059	3.039	4.2	21.7
4 1	11 6.92	+ 2 0.7	2.092	3.029	7.9	21.9
4 11	11 1.54	+ 3 16.5	2.150	3.018	11.3	22.1

288617 2004 NB_{12} 3 10.3 242.°83 2.°4/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.16	+ 5 54.7	1.706	2.510	15.8	21.2
2 11	11 45.55	+ 6 52.2	1.609	2.496	12.4	21.0
2 21	11 39.27	+ 8 5.5	1.534	2.482	8.3	20.7
3 2	11 30.83	+ 9 28.4	1.484	2.467	3.9	20.4
3 12	11 21.18	+10 51.8	1.463	2.451	3.1	20.3
3 22	11 11.48	+12 6.5	1.469	2.435	7.5	20.5
4 1	11 2.98	+13 4.6	1.502	2.418	12.0	20.7
4 11	10 56.65	+13 41.4	1.557	2.401	16.1	20.9

388801 2008 BK_7 3 10.3 345.°20 1.°3/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.96	− 2 4.3	2.235	3.004	13.6	21.0
2 11	11 40.69	− 1 55.9	2.140	3.002	10.9	20.8
2 21	11 35.53	− 1 33.3	2.067	2.999	7.6	20.6
3 2	11 28.93	− 0 58.7	2.021	2.997	4.0	20.4
3 12	11 21.60	− 0 15.9	2.003	2.995	1.3	20.2
3 22	11 14.35	+ 0 30.2	2.013	2.993	4.3	20.4
4 1	11 7.97	+ 1 14.3	2.052	2.991	7.9	20.6
4 11	11 3.14	+ 1 51.5	2.115	2.990	11.2	20.8

186554 2002 XW_{28} 3 10.3 45.°86 2.°8/ 8.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.58	+ 7 34.0	1.489	2.308	17.0	20.2
2 11	11 44.27	+ 8 20.0	1.425	2.320	13.1	20.0
2 21	11 38.25	+ 9 18.0	1.382	2.333	8.6	19.7
3 2	11 30.24	+10 21.0	1.363	2.346	4.2	19.5
3 12	11 21.35	+11 19.9	1.371	2.359	3.5	19.5
3 22	11 12.82	+12 6.7	1.406	2.373	7.6	19.8
4 1	11 5.81	+12 35.9	1.465	2.386	11.9	20.0
4 11	11 1.12	+12 45.1	1.546	2.401	15.6	20.3

80286 1999 XZ_{43} 3 10.3 146.°07 0.°7/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.41	− 0 9.3	1.503	2.293	18.3	19.9
2 11	11 47.41	+ 0 3.3	1.423	2.298	14.5	19.7
2 21	11 40.51	+ 0 34.6	1.363	2.302	10.0	19.4
3 2	11 31.37	+ 1 21.2	1.327	2.307	4.9	19.1
3 12	11 21.10	+ 2 16.6	1.317	2.310	1.0	18.9
3 22	11 11.04	+ 3 12.7	1.335	2.314	6.1	19.2
4 1	11 2.49	+ 4 1.6	1.379	2.317	11.0	19.5
4 11	10 56.40	+ 4 37.3	1.445	2.320	15.3	19.8

433947 1995 UZ_{12} 3 10.3 225.°40 2.°1/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.74	− 6 57.8	2.924	3.654	11.6	22.7
2 11	11 40.10	− 6 37.5	2.810	3.644	9.5	22.5
2 21	11 34.94	− 6 2.7	2.720	3.633	6.9	22.3
3 2	11 28.62	− 5 14.6	2.657	3.622	4.2	22.1
3 12	11 21.68	− 4 16.3	2.623	3.610	2.1	21.9
3 22	11 14.74	− 3 11.8	2.620	3.598	3.6	22.0
4 1	11 8.43	− 2 6.1	2.647	3.585	6.4	22.2
4 11	11 3.30	− 1 4.0	2.701	3.572	9.1	22.3

455319 2002 KM_8 3 10.3 315.°54 9.°2/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.55	+17 47.7	1.258	2.109	17.5	20.4
2 11	11 42.39	+19 38.1	1.165	2.075	14.1	20.1
2 21	11 37.91	+21 41.3	1.093	2.041	10.8	19.8
3 2	11 30.49	+23 43.7	1.044	2.007	9.2	19.6
3 12	11 21.23	+25 28.4	1.018	1.974	11.0	19.6
3 22	11 11.69	+26 40.6	1.015	1.942	15.0	19.7
4 1	11 3.62	+27 11.5	1.032	1.911	19.5	19.9
4 11	10 58.45	+27 0.2	1.064	1.880	23.7	20.0

81563 2000 HO_{30} 3 10.3 249.°56 7.°9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.90	+22 54.5	1.971	2.790	13.4	19.6
2 11	11 45.09	+24 35.8	1.892	2.777	10.9	19.4
2 21	11 38.80	+26 17.7	1.837	2.764	8.8	19.2
3 2	11 30.55	+27 50.0	1.809	2.751	7.9	19.1
3 12	11 21.28	+29 2.8	1.808	2.737	9.1	19.2
3 22	11 12.08	+29 49.2	1.832	2.722	11.5	19.3
4 1	11 4.07	+30 6.3	1.880	2.708	14.3	19.4
4 11	10 58.10	+29 55.0	1.947	2.693	16.8	19.6

375272 2008 HE_{38} 3 10.3 221.°68 6.°0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.47	+21 24.5	2.455	3.260	11.5	21.3
2 11	11 45.72	+22 39.2	2.369	3.249	9.2	21.1
2 21	11 38.90	+23 54.1	2.308	3.237	7.1	21.0
3 2	11 30.51	+25 1.9	2.275	3.224	6.0	20.9
3 12	11 21.30	+25 55.5	2.271	3.211	6.9	20.9
3 22	11 12.17	+26 29.9	2.295	3.197	9.0	21.0
4 1	11 3.99	+26 42.5	2.345	3.183	11.5	21.2
4 11	10 57.48	+26 33.6	2.417	3.167	13.8	21.3

503781 2016 QN_{68} 3 10.3 276.°23 0.°3/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.13	− 0 5.1	2.450	3.224	12.5	21.6
2 11	11 39.93	+ 0 24.6	2.347	3.214	9.8	21.4
2 21	11 34.97	+ 1 7.5	2.267	3.204	6.7	21.2
3 2	11 28.67	+ 2 0.7	2.214	3.194	3.2	21.0
3 12	11 21.68	+ 2 59.9	2.190	3.184	0.6	20.7
3 22	11 14.70	+ 3 59.7	2.196	3.173	4.2	21.0
4 1	11 8.49	+ 4 54.7	2.230	3.163	7.7	21.2
4 11	11 3.67	+ 5 40.5	2.290	3.153	10.9	21.4

42061 2000 YE_{116} 3 10.3 151.°20 1.°7/ 8.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.66	+ 5 51.9	2.065	2.854	14.0	19.7
2 11	11 45.95	+ 6 37.7	1.985	2.864	10.8	19.6
2 21	11 39.06	+ 7 34.4	1.929	2.873	7.1	19.3
3 2	11 30.56	+ 8 36.8	1.900	2.881	3.3	19.1
3 12	11 21.31	+ 9 38.1	1.900	2.889	2.3	19.1
3 22	11 12.27	+10 32.0	1.930	2.896	5.9	19.3
4 1	11 4.35	+11 13.3	1.988	2.903	9.6	19.5
4 11	10 58.28	+11 39.3	2.070	2.908	12.9	19.8

390448 2013 YG_{76} 3 10.3 39.°43 5.°7/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.25	+17 48.3	2.034	2.856	12.9	20.4
2 11	11 41.86	+19 3.9	1.970	2.864	10.1	20.2
2 21	11 36.35	+20 21.4	1.930	2.872	7.4	20.1
3 2	11 29.30	+21 32.9	1.917	2.880	5.7	20.0
3 12	11 21.58	+22 30.5	1.932	2.888	6.5	20.0
3 22	11 14.09	+23 8.8	1.973	2.897	8.9	20.2
4 1	11 7.74	+23 25.1	2.039	2.906	11.7	20.4
4 11	11 3.17	+23 19.6	2.127	2.915	14.3	20.6

3774 Megumi 3 10.3 326.°20 4.°3/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.17	− 9 21.8	2.157	2.891	15.1	16.0
2 11	11 42.57	− 9 46.9	2.059	2.887	12.6	15.8
2 21	11 36.90	− 9 54.6	1.981	2.884	9.7	15.6
3 2	11 29.63	− 9 44.4	1.927	2.881	6.5	15.4
3 12	11 21.50	− 9 18.1	1.900	2.878	4.4	15.3
3 22	11 13.39	− 8 39.4	1.902	2.875	5.2	15.3
4 1	11 6.22	− 7 53.8	1.931	2.872	8.2	15.5
4 11	11 0.71	− 7 7.6	1.985	2.870	11.3	15.7

500600 2012 UW_{119} 3 10.3 96.°57 9.°2/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.35	−32 48.3	2.738	3.283	15.7	21.6
2 11	11 41.66	−33 21.0	2.649	3.299	14.4	21.5
2 21	11 36.11	−33 29.0	2.576	3.315	12.9	21.4
3 2	11 29.18	−33 9.6	2.521	3.330	11.3	21.3
3 12	11 21.60	−32 21.9	2.489	3.346	10.0	21.2
3 22	11 14.17	−31 8.3	2.480	3.361	9.3	21.2
4 1	11 7.65	−29 33.7	2.498	3.376	9.4	21.3
4 11	11 2.67	−27 45.7	2.540	3.391	10.4	21.3

272535 2005 UZ_{306} 3 10.3 184.°13 1.°7/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.02	+ 6 43.8	2.348	3.135	12.5	21.9
2 11	11 44.49	+ 7 21.6	2.258	3.135	9.7	21.7
2 21	11 38.01	+ 8 8.2	2.191	3.135	6.4	21.5
3 2	11 30.08	+ 8 59.4	2.153	3.134	3.0	21.3
3 12	11 21.42	+ 9 49.7	2.144	3.133	2.1	21.2
3 22	11 12.87	+10 33.6	2.165	3.131	5.4	21.4
4 1	11 5.26	+11 7.0	2.215	3.128	8.8	21.6
4 11	10 59.23	+11 27.1	2.290	3.125	11.9	21.8

359803 2011 UJ_{245} 3 10.3 288.°93 2.°3/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.89	+ 6 57.4	1.497	2.310	17.2	20.8
2 11	11 46.32	+ 7 29.1	1.415	2.307	13.4	20.5
2 21	11 39.86	+ 8 13.8	1.353	2.303	9.0	20.3
3 2	11 31.12	+ 9 5.5	1.317	2.299	4.2	20.0
3 12	11 21.21	+ 9 55.9	1.306	2.296	3.0	19.9
3 22	11 11.45	+10 36.8	1.323	2.293	7.5	20.2
4 1	11 3.17	+11 2.0	1.364	2.289	12.3	20.4
4 11	10 57.34	+11 8.3	1.427	2.286	16.4	20.6

295296 2008 GE_{108} 3 10.3 356.°31 4.°4/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.57	+13 17.0	1.547	2.367	16.4	20.9
2 11	11 47.49	+13 47.8	1.471	2.366	12.8	20.7
2 21	11 40.54	+14 24.1	1.416	2.365	8.7	20.4
3 2	11 31.38	+14 58.7	1.387	2.364	5.2	20.2
3 12	11 21.17	+15 23.3	1.383	2.364	5.1	20.2
3 22	11 11.22	+15 31.9	1.407	2.364	8.7	20.4
4 1	11 2.82	+15 21.1	1.454	2.364	12.8	20.6
4 11	10 56.88	+14 50.7	1.524	2.365	16.5	20.9

217917 2001 SN_{313} 3 10.3 137.°55 1.°5/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.65	+ 3 12.6	1.994	2.787	14.3	20.5
2 11	11 42.19	+ 4 24.1	1.913	2.794	11.0	20.3
2 21	11 36.61	+ 5 50.8	1.855	2.801	7.3	20.1
3 2	11 29.47	+ 7 26.5	1.825	2.808	3.3	19.9
3 12	11 21.57	+ 9 3.3	1.824	2.814	2.1	19.8
3 22	11 13.82	+10 32.8	1.852	2.820	5.9	20.1
4 1	11 7.14	+11 48.0	1.908	2.826	9.8	20.3
4 11	11 2.21	+12 44.8	1.988	2.831	13.1	20.5

371153 2005 XJ_{54} 3 10.3 120.°89 0.°7/11.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.13	− 0 34.8	2.048	2.820	14.6	22.5
2 11	11 44.02	− 0 17.4	1.965	2.830	11.6	22.3
2 21	11 37.79	+ 0 14.5	1.904	2.839	7.9	22.1
3 2	11 30.00	+ 0 57.9	1.870	2.848	3.9	21.9
3 12	11 21.46	+ 1 48.0	1.864	2.857	0.9	21.7
3 22	11 13.11	+ 2 38.8	1.888	2.866	4.7	22.0
4 1	11 5.83	+ 3 24.8	1.939	2.874	8.6	22.2
4 11	11 0.33	+ 4 1.1	2.015	2.882	12.0	22.4

517651 2015 BJ_{543} 3 10.3 260.°64 1.°0/11.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.02	− 2 4.9	2.024	2.798	14.7	21.9
2 11	11 41.77	− 1 40.6	1.928	2.793	11.7	21.7
2 21	11 36.41	− 0 59.5	1.854	2.788	8.2	21.4
3 2	11 29.42	− 0 4.2	1.806	2.784	4.2	21.2
3 12	11 21.58	+ 1 0.1	1.786	2.779	1.1	20.9
3 22	11 13.79	+ 2 7.1	1.794	2.774	4.7	21.2
4 1	11 6.98	+ 3 9.9	1.831	2.769	8.8	21.4
4 11	11 1.89	+ 4 2.6	1.891	2.764	12.4	21.6

351482 2005 QJ_{79} 3 10.3 168.°80 0.°9/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.60	− 1 32.3	1.832	2.602	16.2	22.1
2 11	11 47.06	− 1 6.9	1.744	2.607	12.9	21.8
2 21	11 40.04	− 0 23.7	1.678	2.612	8.9	21.6
3 2	11 31.12	+ 0 34.2	1.637	2.615	4.4	21.3
3 12	11 21.24	+ 1 40.8	1.625	2.618	1.0	21.1
3 22	11 11.50	+ 2 48.8	1.642	2.620	5.3	21.4
4 1	11 2.99	+ 3 50.8	1.687	2.621	9.7	21.7
4 11	10 56.56	+ 4 40.7	1.756	2.621	13.5	21.9

362025 2008 YR_{62} 3 10.3 73.°39 0.°2/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.51	− 0 5.9	1.429	2.227	18.7	21.5
2 11	11 45.82	+ 0 26.7	1.367	2.246	14.6	21.3
2 21	11 39.32	+ 1 19.3	1.324	2.266	9.9	21.0
3 2	11 30.76	+ 2 26.7	1.305	2.286	4.6	20.8
3 12	11 21.33	+ 3 40.4	1.313	2.306	0.9	20.5
3 22	11 12.32	+ 4 51.0	1.348	2.326	6.1	21.0
4 1	11 4.92	+ 5 50.3	1.408	2.346	10.9	21.3
4 11	10 59.96	+ 6 32.9	1.491	2.365	15.0	21.6

115811 2003 UH_{240} 3 10.3 132.°88 0.°0/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.79	+ 1 36.2	2.255	3.033	13.3	20.6
2 11	11 42.80	+ 1 58.2	2.169	3.038	10.4	20.5
2 21	11 36.90	+ 2 32.3	2.105	3.044	7.0	20.3
3 2	11 29.57	+ 3 15.1	2.069	3.050	3.3	20.0
3 12	11 21.56	+ 4 1.9	2.062	3.055	0.7	19.8
3 22	11 13.70	+ 4 47.6	2.084	3.060	4.5	20.1
4 1	11 6.78	+ 5 27.2	2.134	3.065	8.2	20.3
4 11	11 1.45	+ 5 56.9	2.210	3.069	11.3	20.6

171573 1999 UH_{43} 3 10.3 88.°19 2.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.46	− 5 49.5	1.734	2.491	17.5	20.3
2 11	11 46.85	− 5 50.0	1.666	2.516	14.1	20.1
2 21	11 39.77	− 5 30.4	1.618	2.540	10.1	19.9
3 2	11 30.92	− 4 52.4	1.595	2.564	5.9	19.7
3 12	11 21.31	− 4 1.0	1.599	2.587	2.9	19.6
3 22	11 12.05	− 3 2.7	1.631	2.610	5.2	19.8
4 1	11 4.20	− 2 4.9	1.691	2.633	9.1	20.1
4 11	10 58.50	− 1 14.2	1.775	2.655	12.7	20.3

17952 Folsom 3 10.3 303.°42 4.°8/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.10	− 7 54.2	1.477	2.246	19.5	19.0
2 11	11 44.38	− 8 21.3	1.382	2.235	16.2	18.7
2 21	11 38.76	− 8 25.4	1.306	2.225	12.3	18.5
3 2	11 30.73	− 8 5.0	1.251	2.215	8.0	18.2
3 12	11 21.32	− 7 22.3	1.221	2.205	4.9	18.0
3 22	11 11.84	− 6 23.5	1.217	2.195	6.6	18.0
4 1	11 3.68	− 5 17.4	1.237	2.186	10.9	18.2
4 11	10 57.96	− 4 14.0	1.280	2.177	15.4	18.5

192573 1998 XL 3 10.3 154.°67 5.°3/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.30	+14 52.2	1.826	2.635	14.7	20.2
2 11	11 48.36	+16 5.5	1.756	2.644	11.4	20.0
2 21	11 40.87	+17 23.9	1.709	2.652	8.0	19.8
3 2	11 31.48	+18 38.7	1.689	2.659	5.5	19.7
3 12	11 21.22	+19 40.9	1.698	2.666	6.1	19.8
3 22	11 11.25	+20 23.6	1.735	2.672	9.0	19.9
4 1	11 2.66	+20 43.3	1.797	2.676	12.4	20.2
4 11	10 56.27	+20 40.1	1.881	2.681	15.4	20.4

170959 2005 BN_{31} 3 10.3 183.°41 2.°5/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.05	+ 6 52.0	1.941	2.739	14.4	21.2
2 11	11 44.97	+ 7 54.5	1.856	2.740	11.1	21.0
2 21	11 38.59	+ 9 9.3	1.794	2.740	7.4	20.8
3 2	11 30.45	+10 30.1	1.759	2.740	3.6	20.6
3 12	11 21.42	+11 48.7	1.753	2.739	3.1	20.5
3 22	11 12.52	+12 57.5	1.775	2.737	6.8	20.7
4 1	11 4.75	+13 50.3	1.825	2.735	10.6	21.0
4 11	10 58.88	+14 24.0	1.899	2.732	14.1	21.2

406510 2007 VG_{151} 3 10.3 135.°84 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.58	− 0 38.7	1.943	2.714	15.3	22.3
2 11	11 46.03	− 0 15.3	1.863	2.727	12.1	22.1
2 21	11 39.20	+ 0 23.8	1.804	2.739	8.3	21.8
3 2	11 30.69	+ 1 15.1	1.772	2.750	4.1	21.6
3 12	11 21.39	+ 2 13.1	1.768	2.761	0.8	21.4
3 22	11 12.31	+ 3 11.3	1.794	2.771	4.9	21.7
4 1	11 4.41	+ 4 3.3	1.847	2.781	9.0	22.0
4 11	10 58.44	+ 4 44.3	1.926	2.790	12.6	22.2

26108 1991 LF_2 3 10.3 98.°56 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.90	+ 0 27.2	2.193	2.970	13.6	18.5
2 11	11 42.15	+ 0 53.9	2.111	2.979	10.7	18.3
2 21	11 36.48	+ 1 33.9	2.051	2.989	7.3	18.1
3 2	11 29.39	+ 2 23.9	2.019	2.999	3.4	17.8
3 12	11 21.65	+ 3 18.7	2.015	3.008	0.6	17.6
3 22	11 14.08	+ 4 12.8	2.041	3.018	4.5	17.9
4 1	11 7.48	+ 5 0.8	2.094	3.027	8.2	18.2
4 11	11 2.48	+ 5 38.4	2.173	3.036	11.4	18.4

495867 2004 NZ_{15} 3 10.3 199.°16 3.°9/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.77	−11 46.5	2.857	3.551	12.6	23.0
2 11	11 44.07	−11 57.0	2.746	3.547	10.6	22.8
2 21	11 37.67	−11 52.0	2.655	3.541	8.2	22.6
3 2	11 29.95	−11 31.3	2.592	3.535	5.8	22.5
3 12	11 21.53	−10 56.4	2.557	3.528	4.0	22.3
3 22	11 13.11	−10 10.4	2.552	3.520	4.5	22.4
4 1	11 5.38	− 9 17.8	2.577	3.511	6.8	22.5
4 11	10 58.97	− 8 23.6	2.630	3.502	9.3	22.6

310921 2003 SS_{135} 3 10.3 94.°13 1.°3/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.94	+ 4 30.6	1.653	2.452	16.5	21.0
2 11	11 46.60	+ 5 5.4	1.586	2.469	12.8	20.8
2 21	11 39.71	+ 5 53.6	1.540	2.485	8.5	20.6
3 2	11 30.94	+ 6 49.6	1.519	2.502	3.8	20.4
3 12	11 21.36	+ 7 46.0	1.527	2.518	1.9	20.3
3 22	11 12.13	+ 8 35.3	1.562	2.534	6.3	20.6
4 1	11 4.34	+ 9 11.8	1.624	2.550	10.6	20.9
4 11	10 58.78	+ 9 32.2	1.709	2.565	14.3	21.1

1826 Miller 3 10.3 85.°67 4.°4/15.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.24	−11 12.6	2.252	2.972	14.9	16.2
2 11	11 42.47	−11 30.5	2.163	2.980	12.5	16.0
2 21	11 36.74	−11 30.0	2.094	2.989	9.6	15.8
3 2	11 29.55	−11 10.8	2.049	2.997	6.7	15.6
3 12	11 21.63	−10 35.0	2.032	3.006	4.6	15.5
3 22	11 13.83	− 9 46.7	2.043	3.014	5.2	15.6
4 1	11 6.97	− 8 51.6	2.082	3.022	7.7	15.7
4 11	11 1.71	− 7 56.0	2.147	3.031	10.6	15.9

106656 2000 WE_{142} 3 10.3 151.°96 3.°5/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.83	+ 8 48.6	1.832	2.638	14.8	20.0
2 11	11 44.88	+10 9.4	1.756	2.646	11.4	19.8
2 21	11 38.55	+11 41.6	1.704	2.653	7.6	19.6
3 2	11 30.43	+13 17.5	1.680	2.659	4.2	19.4
3 12	11 21.46	+14 47.3	1.684	2.664	4.3	19.4
3 22	11 12.68	+16 2.9	1.716	2.670	7.8	19.7
4 1	11 5.14	+16 58.1	1.775	2.674	11.5	19.9
4 11	10 59.61	+17 30.7	1.856	2.678	14.8	20.1

71849 2000 UB_{102} 3 10.3 15.°41 2.°9/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.23	− 3 42.9	1.407	2.195	19.4	19.1
2 11	11 45.18	− 3 59.4	1.327	2.196	15.7	18.9
2 21	11 39.19	− 3 54.9	1.266	2.198	11.3	18.6
3 2	11 30.87	− 3 30.3	1.227	2.201	6.4	18.3
3 12	11 21.36	− 2 50.0	1.213	2.203	2.9	18.1
3 22	11 12.00	− 2 1.3	1.225	2.206	6.0	18.3
4 1	11 4.15	− 1 12.4	1.262	2.210	10.9	18.6
4 11	10 58.82	− 0 31.4	1.321	2.214	15.3	18.9

309281 2007 RL_{149} 3 10.3 249.°50 4.°1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.27	− 7 38.7	1.730	2.483	17.6	20.6
2 11	11 45.66	− 7 56.5	1.628	2.472	14.6	20.3
2 21	11 39.41	− 7 53.5	1.546	2.461	11.0	20.1
3 2	11 30.99	− 7 29.3	1.487	2.450	7.0	19.8
3 12	11 21.33	− 6 46.1	1.455	2.439	4.2	19.6
3 22	11 11.59	− 5 49.5	1.449	2.427	5.9	19.7
4 1	11 3.00	− 4 47.2	1.470	2.415	10.0	19.9
4 11	10 56.57	− 3 47.6	1.516	2.402	14.1	20.1

208904 2002 TS_{170} 3 10.3 109.°74 11.°5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.45	−27 0.7	1.307	1.984	25.7	19.6
2 11	11 44.33	−27 21.5	1.229	1.993	23.0	19.4
2 21	11 38.90	−26 57.7	1.163	2.002	19.7	19.2
3 2	11 30.82	−25 42.0	1.113	2.011	16.1	19.0
3 12	11 21.38	−23 33.6	1.083	2.020	12.9	18.9
3 22	11 12.17	−20 40.8	1.076	2.028	11.5	18.8
4 1	11 4.75	−17 20.6	1.095	2.036	12.9	18.9
4 11	11 0.21	−13 55.1	1.137	2.043	16.1	19.1

278755 2008 SG_{111} 3 10.3 316.°26 1.°7/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.64	+ 5 39.9	1.976	2.776	14.1	20.7
2 11	11 42.28	+ 6 22.2	1.889	2.775	10.9	20.5
2 21	11 36.76	+ 7 16.4	1.826	2.773	7.2	20.3
3 2	11 29.61	+ 8 17.2	1.789	2.772	3.3	20.0
3 12	11 21.64	+ 9 18.1	1.780	2.770	2.2	19.9
3 22	11 13.79	+10 12.3	1.800	2.769	6.0	20.2
4 1	11 6.98	+10 54.4	1.846	2.767	9.8	20.4
4 11	11 1.96	+11 20.7	1.916	2.766	13.3	20.6

215068 2009 DU_{129} 3 10.3 266.°88 1.°4/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.54	− 4 32.3	2.534	3.287	12.6	21.1
2 11	11 39.48	− 3 58.1	2.422	3.274	10.2	20.8
2 21	11 34.71	− 3 7.6	2.334	3.260	7.2	20.6
3 2	11 28.63	− 2 3.1	2.272	3.245	3.9	20.4
3 12	11 21.84	− 0 48.5	2.240	3.231	1.4	20.2
3 22	11 15.04	+ 0 30.5	2.237	3.216	3.9	20.3
4 1	11 8.94	+ 1 47.8	2.264	3.202	7.3	20.5
4 11	11 4.17	+ 2 57.8	2.317	3.187	10.5	20.7

437425 2013 XE_{20} 3 10.3 289.°59 6.°6/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.60	+21 9.3	2.328	3.148	11.6	20.4
2 11	11 40.52	+22 58.9	2.257	3.145	9.3	20.3
2 21	11 35.49	+24 49.6	2.211	3.141	7.3	20.1
3 2	11 29.00	+26 32.9	2.193	3.138	6.6	20.1
3 12	11 21.77	+28 0.4	2.204	3.134	7.6	20.1
3 22	11 14.63	+29 6.2	2.242	3.131	9.7	20.3
4 1	11 8.40	+29 47.1	2.304	3.128	12.1	20.4
4 11	11 3.77	+30 3.1	2.387	3.124	14.3	20.6

406450 2007 TP_{397} 3 10.3 245.°53 5.°1/ 5.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.48	+12 24.7	1.674	2.494	15.4	20.8
2 11	11 45.06	+13 44.1	1.589	2.485	12.0	20.6
2 21	11 38.96	+15 13.7	1.527	2.475	8.3	20.4
3 2	11 30.75	+16 44.7	1.491	2.466	5.4	20.2
3 12	11 21.41	+18 6.5	1.482	2.456	6.0	20.2
3 22	11 12.14	+19 9.8	1.500	2.446	9.4	20.3
4 1	11 4.16	+19 48.8	1.543	2.435	13.3	20.5
4 11	10 58.40	+20 1.7	1.607	2.424	16.9	20.8

409992 2006 VT_{152} 3 10.3 118.°13 0.°9/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.74	+ 3 7.2	2.183	2.962	13.6	22.7
2 11	11 45.03	+ 3 55.9	2.112	2.984	10.6	22.6
2 21	11 38.34	+ 4 56.6	2.064	3.005	7.0	22.4
3 2	11 30.24	+ 6 4.4	2.044	3.026	3.1	22.2
3 12	11 21.54	+ 7 13.1	2.054	3.046	1.4	22.1
3 22	11 13.11	+ 8 16.4	2.094	3.065	5.1	22.4
4 1	11 5.76	+ 9 9.0	2.163	3.083	8.6	22.6
4 11	11 0.12	+ 9 47.7	2.256	3.100	11.7	22.8

467770 2009 VL_{47} 3 10.3 281.°83 3.°7/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.42	− 9 0.8	1.926	2.673	16.3	21.0
2 11	11 41.55	− 8 55.3	1.823	2.663	13.5	20.8
2 21	11 36.44	− 8 27.9	1.739	2.652	10.1	20.6
3 2	11 29.54	− 7 38.8	1.680	2.642	6.5	20.3
3 12	11 21.66	− 6 31.4	1.648	2.632	3.8	20.1
3 22	11 13.75	− 5 11.9	1.643	2.621	5.2	20.2
4 1	11 6.84	− 3 48.4	1.665	2.611	8.9	20.4
4 11	11 1.74	− 2 29.2	1.713	2.601	12.6	20.6

153655 2001 TQ_{118} 3 10.3 76.°45 3.°3/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.64	− 4 8.3	1.796	2.548	17.1	20.2
2 11	11 50.07	− 4 49.1	1.724	2.570	13.8	20.0
2 21	11 41.96	− 5 14.1	1.672	2.592	10.0	19.8
3 2	11 31.99	− 5 23.6	1.646	2.613	6.0	19.6
3 12	11 21.20	− 5 19.8	1.648	2.634	3.3	19.5
3 22	11 10.75	− 5 6.6	1.679	2.655	5.4	19.7
4 1	11 1.73	− 4 49.3	1.737	2.676	9.1	19.9
4 11	10 54.92	− 4 33.2	1.820	2.697	12.6	20.2

466214 2012 SZ_1 3 10.3 172.°09 2.°7/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.26	−10 6.2	3.153	3.861	11.3	22.7
2 11	11 40.35	− 9 44.8	3.050	3.865	9.3	22.6
2 21	11 35.04	− 9 8.6	2.969	3.868	7.0	22.4
3 2	11 28.70	− 8 18.7	2.916	3.870	4.5	22.3
3 12	11 21.86	− 7 17.7	2.892	3.873	2.8	22.1
3 22	11 15.08	− 6 9.5	2.899	3.874	3.5	22.2
4 1	11 8.93	− 4 58.8	2.937	3.875	5.8	22.3
4 11	11 3.89	− 3 50.4	3.002	3.875	8.3	22.5

467451 2006 CK_{14} 3 10.3 38.°13 2.°6/ 7.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.75	+ 5 36.4	1.564	2.382	16.3	20.6
2 11	11 41.20	+ 6 46.9	1.500	2.395	12.5	20.4
2 21	11 36.19	+ 8 12.2	1.458	2.409	8.2	20.2
3 2	11 29.36	+ 9 44.6	1.441	2.424	3.9	20.0
3 12	11 21.73	+11 13.9	1.451	2.439	3.3	20.0
3 22	11 14.40	+12 31.0	1.488	2.454	7.3	20.2
4 1	11 8.42	+13 28.9	1.551	2.470	11.5	20.5
4 11	11 4.53	+14 4.3	1.635	2.487	15.0	20.8

99384 2001 YP_{113} 3 10.3 201.°85 11.°0/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 58.53	−22 54.4	2.012	2.643	18.9	18.9
2 11	11 52.95	−24 43.4	1.910	2.640	17.0	18.7
2 21	11 44.44	−26 12.1	1.826	2.636	14.9	18.5
3 2	11 33.43	−27 13.7	1.764	2.632	12.7	18.4
3 12	11 20.87	−27 43.4	1.726	2.627	11.3	18.3
3 22	11 8.02	−27 40.4	1.713	2.621	11.1	18.3
4 1	10 56.29	−27 8.5	1.726	2.615	12.3	18.3
4 11	10 46.84	−26 16.4	1.762	2.609	14.4	18.4

273090 2006 EX_{46} 3 10.3 238.°37 1.°4/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.41	+ 5 16.8	2.068	2.863	13.7	21.2
2 11	11 42.81	+ 5 54.4	1.977	2.859	10.7	21.0
2 21	11 37.09	+ 6 43.5	1.910	2.856	7.1	20.8
3 2	11 29.78	+ 7 39.4	1.869	2.852	3.2	20.6
3 12	11 21.64	+ 8 36.0	1.857	2.848	1.9	20.5
3 22	11 13.60	+ 9 27.1	1.874	2.844	5.7	20.7
4 1	11 6.56	+10 7.3	1.918	2.840	9.5	20.9
4 11	11 1.24	+10 33.0	1.986	2.836	12.9	21.1

252250 2001 QG_{107} 3 10.3 126.°16 13.°0/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.96	−38 35.7	2.376	2.870	18.8	20.3
2 11	11 48.33	−40 5.8	2.293	2.884	17.7	20.2
2 21	11 41.08	−41 9.0	2.224	2.897	16.4	20.1
3 2	11 31.74	−41 39.2	2.169	2.910	15.1	20.0
3 12	11 21.24	−41 32.9	2.134	2.923	13.9	20.0
3 22	11 10.75	−40 50.0	2.118	2.935	13.2	19.9
4 1	11 1.48	−39 34.7	2.125	2.946	13.1	19.9
4 11	10 54.36	−37 55.1	2.153	2.957	13.6	20.0

61670 2000 QA_{119} 3 10.3 226.°36 1.°6/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.13	− 3 17.3	2.131	2.892	14.5	20.2
2 11	11 43.36	− 3 5.1	2.029	2.885	11.7	19.9
2 21	11 37.50	− 2 36.6	1.950	2.878	8.3	19.7
3 2	11 29.99	− 1 53.9	1.896	2.871	4.5	19.5
3 12	11 21.61	− 1 0.8	1.871	2.863	1.6	19.3
3 22	11 13.25	− 0 3.2	1.875	2.855	4.5	19.4
4 1	11 5.82	+ 0 53.0	1.907	2.846	8.4	19.7
4 11	11 0.08	+ 1 41.9	1.965	2.838	12.0	19.9

402970 2007 UB_{49} 3 10.3 139.°12 4.°1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.26	+11 44.2	1.804	2.613	14.9	21.7
2 11	11 46.80	+12 43.6	1.732	2.621	11.5	21.5
2 21	11 39.85	+13 50.5	1.683	2.630	7.8	21.3
3 2	11 31.06	+14 57.2	1.661	2.637	4.6	21.1
3 12	11 21.43	+15 55.5	1.666	2.645	4.8	21.1
3 22	11 12.07	+16 38.5	1.700	2.652	8.0	21.3
4 1	11 4.04	+17 2.0	1.760	2.658	11.6	21.6
4 11	10 58.13	+17 4.9	1.842	2.664	14.9	21.8

399408 2001 TB_{143} 3 10.3 152.°61 2.°5/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.91	+ 7 50.5	1.989	2.781	14.3	22.6
2 11	11 47.82	+ 8 42.2	1.912	2.792	11.1	22.4
2 21	11 40.41	+ 9 43.7	1.857	2.802	7.3	22.2
3 2	11 31.30	+10 48.9	1.831	2.812	3.6	22.0
3 12	11 21.39	+11 50.6	1.834	2.820	3.1	22.0
3 22	11 11.71	+12 42.2	1.866	2.828	6.6	22.2
4 1	11 3.26	+13 18.8	1.926	2.834	10.3	22.4
4 11	10 56.77	+13 38.1	2.011	2.840	13.5	22.7

27130 Dipaola 3 10.3 143.°95 1.°5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.05	+ 5 7.7	2.155	2.942	13.5	18.8
2 11	11 44.64	+ 5 55.6	2.075	2.952	10.5	18.6
2 21	11 38.19	+ 6 54.5	2.019	2.963	6.9	18.4
3 2	11 30.24	+ 7 59.4	1.990	2.972	3.2	18.2
3 12	11 21.60	+ 9 4.0	1.991	2.981	2.0	18.1
3 22	11 13.14	+10 2.0	2.022	2.990	5.5	18.4
4 1	11 5.74	+10 48.3	2.081	2.997	9.1	18.6
4 11	11 0.05	+11 19.8	2.164	3.005	12.3	18.8

273045 2006 DX_{138} 3 10.3 163.°03 1.°8/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.74	+ 6 32.9	2.279	3.072	12.7	21.2
2 11	11 42.80	+ 7 19.0	2.194	3.075	9.8	21.0
2 21	11 36.95	+ 8 14.8	2.133	3.078	6.5	20.8
3 2	11 29.68	+ 9 15.3	2.099	3.081	3.1	20.6
3 12	11 21.72	+10 14.7	2.095	3.083	2.3	20.5
3 22	11 13.88	+11 7.2	2.120	3.086	5.5	20.7
4 1	11 6.99	+11 48.1	2.174	3.087	9.0	20.9
4 11	11 1.67	+12 14.7	2.251	3.089	12.0	21.1

439109 2011 SB_{75} 3 10.3 242.°63 2.°7/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.96	− 6 5.6	2.518	3.258	13.0	21.4
2 11	11 42.10	− 6 15.1	2.416	3.254	10.7	21.3
2 21	11 36.46	− 6 10.7	2.336	3.250	7.9	21.1
3 2	11 29.46	− 5 52.9	2.282	3.246	4.9	20.9
3 12	11 21.75	− 5 24.1	2.256	3.242	2.7	20.7
3 22	11 14.07	− 4 48.0	2.260	3.237	4.1	20.8
4 1	11 7.18	− 4 9.1	2.293	3.233	7.1	21.0
4 11	11 1.69	− 3 32.1	2.352	3.229	10.1	21.2

461432 2001 WT_{15} 3 10.3 129.°00 9.°4/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.39	−34 7.3	2.972	3.480	15.1	21.5
2 11	11 47.81	−35 1.8	2.886	3.503	13.9	21.4
2 21	11 40.25	−35 33.7	2.815	3.525	12.5	21.3
3 2	11 31.20	−35 39.6	2.764	3.546	11.2	21.2
3 12	11 21.41	−35 18.1	2.736	3.566	10.0	21.2
3 22	11 11.75	−34 30.5	2.732	3.585	9.4	21.2
4 1	11 3.04	−33 20.8	2.754	3.603	9.6	21.2
4 11	10 55.97	−31 55.8	2.801	3.620	10.4	21.3

341359 Gregneumann 3 10.3 146.°21 1.°7/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.97	− 2 39.6	2.455	3.208	13.0	21.5
2 11	11 43.61	− 2 42.6	2.363	3.213	10.4	21.4
2 21	11 37.43	− 2 33.1	2.293	3.218	7.4	21.2
3 2	11 29.89	− 2 12.7	2.250	3.222	4.1	21.0
3 12	11 21.68	− 1 44.3	2.236	3.227	1.7	20.8
3 22	11 13.58	− 1 11.8	2.252	3.231	4.0	21.0
4 1	11 6.34	− 0 39.7	2.297	3.235	7.3	21.2
4 11	11 0.59	− 0 12.0	2.368	3.238	10.3	21.4

270146 2001 SX_{36} 3 10.3 126.°46 1.°3/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.78	+ 5 41.3	2.188	2.972	13.4	21.8
2 11	11 45.88	+ 6 12.8	2.112	2.988	10.4	21.7
2 21	11 38.97	+ 6 53.7	2.060	3.003	6.9	21.5
3 2	11 30.58	+ 7 39.6	2.036	3.018	3.1	21.3
3 12	11 21.56	+ 8 24.9	2.041	3.032	1.8	21.2
3 22	11 12.77	+ 9 4.4	2.076	3.045	5.3	21.4
4 1	11 5.07	+ 9 33.9	2.139	3.058	8.8	21.7
4 11	10 59.11	+ 9 50.7	2.227	3.070	11.9	21.9

303293 2004 SU_4 3 10.3 199.°97 0.°6/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.35	− 0 0.2	1.891	2.665	15.6	21.9
2 11	11 46.92	+ 0 16.4	1.796	2.662	12.4	21.6
2 21	11 40.04	+ 0 48.6	1.722	2.658	8.6	21.4
3 2	11 31.23	+ 1 33.5	1.675	2.654	4.2	21.1
3 12	11 21.41	+ 2 25.9	1.655	2.648	0.8	20.8
3 22	11 11.63	+ 3 19.3	1.665	2.642	5.3	21.2
4 1	11 3.00	+ 4 7.1	1.702	2.636	9.6	21.4
4 11	10 56.37	+ 4 44.1	1.764	2.629	13.5	21.6

501391 2013 YR_{75} 3 10.4 69.°91 2.°7/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.97	+ 8 34.2	2.214	3.019	12.6	21.3
2 11	11 40.70	+ 9 37.8	2.138	3.026	9.7	21.1
2 21	11 35.56	+10 50.3	2.085	3.033	6.4	20.9
3 2	11 29.04	+12 5.8	2.060	3.040	3.4	20.7
3 12	11 21.87	+13 17.3	2.064	3.047	3.3	20.7
3 22	11 14.86	+14 18.8	2.097	3.054	6.3	20.9
4 1	11 8.79	+15 5.4	2.157	3.061	9.5	21.1
4 11	11 4.28	+15 34.8	2.241	3.068	12.4	21.3

42979 1999 TR_{220} 3 10.4 221.°75 3.°1/13.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.18	− 7 12.3	1.954	2.701	16.1	19.8
2 11	11 44.45	− 7 6.9	1.851	2.694	13.2	19.6
2 21	11 38.40	− 6 41.4	1.769	2.686	9.7	19.3
3 2	11 30.49	− 5 56.3	1.712	2.678	6.0	19.1
3 12	11 21.56	− 4 55.3	1.682	2.669	3.1	18.9
3 22	11 12.62	− 3 44.4	1.681	2.659	5.1	19.0
4 1	11 4.70	− 2 31.1	1.707	2.650	9.0	19.2
4 11	10 58.65	− 1 23.2	1.759	2.639	12.8	19.4

135353 2001 TH_{75} 3 10.4 123.°42 0.°4/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.92	+ 2 58.0	2.722	3.495	11.4	21.0
2 11	11 41.77	+ 3 27.5	2.640	3.509	8.8	20.8
2 21	11 36.05	+ 4 6.4	2.583	3.522	5.9	20.7
3 2	11 29.20	+ 4 51.3	2.554	3.535	2.7	20.5
3 12	11 21.85	+ 5 38.0	2.555	3.548	0.8	20.3
3 22	11 14.65	+ 6 22.3	2.586	3.560	4.0	20.6
4 1	11 8.24	+ 7 0.2	2.647	3.571	7.1	20.8
4 11	11 3.14	+ 7 28.9	2.734	3.583	9.8	21.0

458757 2011 RX_{16} 3 10.4 196.°27 0.°5/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.89	+ 1 10.3	1.974	2.752	14.9	22.9
2 11	11 45.67	+ 1 57.1	1.879	2.749	11.7	22.7
2 21	11 39.14	+ 3 0.2	1.806	2.746	7.9	22.4
3 2	11 30.80	+ 4 15.5	1.760	2.741	3.6	22.2
3 12	11 21.52	+ 5 36.0	1.743	2.736	1.1	22.0
3 22	11 12.28	+ 6 53.9	1.756	2.730	5.5	22.3
4 1	11 4.12	+ 8 2.1	1.797	2.723	9.7	22.5
4 11	10 57.84	+ 8 55.2	1.863	2.715	13.5	22.7

384166 2009 BR_{20} 3 10.4 322.°62 3.°9/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.67	− 7 37.0	2.073	2.817	15.4	20.9
2 11	11 43.12	− 8 4.0	1.973	2.811	12.7	20.7
2 21	11 37.41	− 8 14.6	1.893	2.804	9.6	20.5
3 2	11 30.00	− 8 8.1	1.838	2.797	6.3	20.2
3 12	11 21.67	− 7 46.5	1.810	2.791	4.0	20.1
3 22	11 13.34	− 7 13.5	1.810	2.785	5.2	20.1
4 1	11 5.96	− 6 34.5	1.837	2.780	8.4	20.3
4 11	11 0.31	− 5 55.5	1.889	2.774	11.8	20.5

264415 2000 PR_{10} 3 10.4 242.°46 4.°6/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.85	+14 31.8	2.368	3.173	11.9	20.7
2 11	11 43.85	+15 54.6	2.268	3.154	9.3	20.5
2 21	11 37.82	+17 24.2	2.193	3.135	6.6	20.3
3 2	11 30.18	+18 53.6	2.147	3.116	4.7	20.1
3 12	11 21.64	+20 14.9	2.131	3.095	5.4	20.1
3 22	11 13.05	+21 21.3	2.144	3.074	8.0	20.3
4 1	11 5.31	+22 8.2	2.184	3.052	11.0	20.4
4 11	10 59.15	+22 33.6	2.247	3.029	13.8	20.6

130736 2000 ST_{241} 3 10.4 149.°74 2.°1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.29	+ 7 28.6	1.773	2.570	15.6	19.8
2 11	11 48.44	+ 7 58.3	1.694	2.577	12.1	19.6
2 21	11 41.01	+ 8 38.1	1.638	2.583	8.1	19.4
3 2	11 31.64	+ 9 22.5	1.607	2.589	3.8	19.2
3 12	11 21.37	+10 4.6	1.606	2.595	2.7	19.1
3 22	11 11.33	+10 37.9	1.632	2.600	6.7	19.3
4 1	11 2.66	+10 57.8	1.686	2.604	10.8	19.6
4 11	10 56.17	+11 1.9	1.762	2.608	14.4	19.8

273797 2007 FV_{18} 3 10.4 254.°51 0.°2/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.08	+ 1 14.9	1.953	2.739	14.7	21.7
2 11	11 42.74	+ 1 47.5	1.858	2.733	11.6	21.4
2 21	11 37.18	+ 2 35.5	1.785	2.726	7.9	21.2
3 2	11 29.89	+ 3 35.1	1.738	2.719	3.7	20.9
3 12	11 21.70	+ 4 40.4	1.719	2.712	0.8	20.7
3 22	11 13.56	+ 5 44.3	1.728	2.705	5.3	21.0
4 1	11 6.43	+ 6 40.3	1.765	2.697	9.5	21.2
4 11	11 1.10	+ 7 23.3	1.826	2.690	13.2	21.4

459312 2012 GY_{33} 3 10.4 353.°53 1.°2/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 54.54	+ 7 39.8	1.529	2.334	17.3	20.2
2 11	11 49.92	+ 7 21.8	1.446	2.332	13.6	19.9
2 21	11 42.31	+ 7 11.5	1.383	2.329	9.2	19.7
3 2	11 32.35	+ 7 5.0	1.345	2.328	4.2	19.4
3 12	11 21.22	+ 6 57.7	1.334	2.327	1.8	19.2
3 22	11 10.29	+ 6 45.0	1.351	2.326	6.6	19.5
4 1	11 0.92	+ 6 23.7	1.393	2.326	11.4	19.8
4 11	10 54.10	+ 5 52.0	1.458	2.326	15.6	20.0

1415 Malautra 3 10.4 323.°94 1.°2/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.88	+ 0 19.3	1.290	2.097	19.8	15.3
2 11	11 46.11	+ 0 11.4	1.205	2.089	15.8	15.1
2 21	11 40.12	+ 0 22.6	1.139	2.082	11.1	14.8
3 2	11 31.48	+ 0 50.5	1.095	2.075	5.6	14.4
3 12	11 21.38	+ 1 29.4	1.076	2.069	1.3	14.1
3 22	11 11.32	+ 2 11.3	1.081	2.063	6.7	14.4
4 1	11 2.85	+ 2 47.9	1.111	2.057	12.2	14.7
4 11	10 57.14	+ 3 12.1	1.162	2.052	17.1	15.0

4779 Whitley 3 10.4 11.°51 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.88	+ 1 10.8	2.024	2.813	14.2	17.0
2 11	11 40.84	+ 1 32.1	1.939	2.815	11.2	16.8
2 21	11 35.78	+ 2 7.0	1.876	2.817	7.6	16.6
3 2	11 29.19	+ 2 52.2	1.839	2.820	3.6	16.3
3 12	11 21.86	+ 3 42.4	1.830	2.823	0.7	16.1
3 22	11 14.65	+ 4 31.9	1.849	2.826	4.8	16.4
4 1	11 8.44	+ 5 14.9	1.895	2.830	8.7	16.6
4 11	11 3.91	+ 5 47.1	1.965	2.835	12.1	16.9

55520 2001 VM_{44} 3 10.4 226.°92 8.°2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.33	+25 8.7	2.012	2.828	13.3	18.3
2 11	11 46.14	+26 40.2	1.942	2.822	10.9	18.2
2 21	11 39.48	+28 9.0	1.896	2.816	9.0	18.0
3 2	11 30.96	+29 25.3	1.876	2.810	8.3	18.0
3 12	11 21.52	+30 20.4	1.882	2.804	9.3	18.0
3 22	11 12.26	+30 48.7	1.914	2.797	11.5	18.1
4 1	11 4.25	+30 48.4	1.970	2.790	14.0	18.3
4 11	10 58.31	+30 21.6	2.044	2.783	16.3	18.5

410053 2007 AJ_{27} 3 10.4 100.°33 1.°9/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.73	+ 4 58.9	1.950	2.745	14.4	21.3
2 11	11 43.77	+ 6 2.8	1.881	2.764	11.1	21.1
2 21	11 37.67	+ 7 19.2	1.837	2.783	7.3	20.9
3 2	11 30.03	+ 8 41.8	1.819	2.801	3.4	20.7
3 12	11 21.72	+10 2.6	1.830	2.819	2.4	20.6
3 22	11 13.68	+11 14.4	1.871	2.837	6.1	20.9
4 1	11 6.81	+12 11.4	1.938	2.854	9.8	21.2
4 11	11 1.77	+12 50.5	2.030	2.871	13.0	21.4

162951 2001 QU_{55} 3 10.4 109.°10 2.°0/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.96	+ 7 1.8	2.497	3.290	11.7	20.4
2 11	11 41.18	+ 8 3.1	2.423	3.305	9.0	20.2
2 21	11 35.74	+ 9 12.8	2.374	3.320	5.9	20.0
3 2	11 29.09	+10 26.0	2.354	3.335	2.9	19.9
3 12	11 21.90	+11 36.6	2.363	3.349	2.5	19.9
3 22	11 14.89	+12 39.1	2.403	3.363	5.3	20.1
4 1	11 8.74	+13 29.4	2.470	3.377	8.3	20.3
4 11	11 4.00	+14 4.8	2.563	3.391	11.0	20.5

473115 2015 HU_{175} 3 10.4 290.°39 0.°6/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.83	+ 2 5.8	2.372	3.156	12.5	20.8
2 11	11 39.76	+ 2 52.4	2.278	3.154	9.8	20.6
2 21	11 34.93	+ 3 51.8	2.209	3.151	6.5	20.4
3 2	11 28.78	+ 5 0.2	2.166	3.148	2.9	20.2
3 12	11 21.96	+ 6 11.8	2.153	3.145	1.1	20.0
3 22	11 15.21	+ 7 20.7	2.169	3.143	4.7	20.3
4 1	11 9.27	+ 8 21.4	2.214	3.140	8.2	20.5
4 11	11 4.75	+ 9 9.6	2.284	3.137	11.3	20.7

331794 2003 MG_6 3 10.4 234.°97 3.°4/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.18	− 9 8.2	2.518	3.239	13.5	21.1
2 11	11 43.18	− 9 10.8	2.402	3.225	11.2	20.9
2 21	11 37.29	− 8 56.9	2.308	3.211	8.5	20.7
3 2	11 29.92	− 8 26.7	2.239	3.196	5.6	20.5
3 12	11 21.73	− 7 42.2	2.200	3.180	3.5	20.4
3 22	11 13.47	− 6 47.3	2.189	3.164	4.5	20.4
4 1	11 5.95	− 5 47.5	2.208	3.147	7.4	20.5
4 11	10 59.86	− 4 48.5	2.253	3.130	10.5	20.7

379937 2012 LG_8 3 10.4 216.°81 4.°0/15.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.50	−11 44.3	2.484	3.193	14.0	21.7
2 11	11 42.64	−11 44.5	2.373	3.185	11.7	21.5
2 21	11 36.92	−11 26.3	2.284	3.176	9.1	21.3
3 2	11 29.74	−10 49.5	2.219	3.167	6.2	21.1
3 12	11 21.77	− 9 56.2	2.183	3.158	4.2	21.0
3 22	11 13.78	− 8 50.7	2.176	3.148	4.8	21.0
4 1	11 6.57	− 7 38.7	2.198	3.137	7.4	21.1
4 11	11 0.83	− 6 26.8	2.246	3.126	10.4	21.3

502324 2015 BM_{164} 3 10.4 161.°17 2.°5/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.57	+ 8 42.3	2.178	2.977	13.0	21.9
2 11	11 43.56	+ 9 30.6	2.095	2.980	10.0	21.7
2 21	11 37.53	+10 27.4	2.036	2.983	6.7	21.5
3 2	11 29.99	+11 27.2	2.005	2.986	3.4	21.3
3 12	11 21.73	+12 23.7	2.003	2.988	3.1	21.3
3 22	11 13.62	+13 10.9	2.030	2.990	6.2	21.5
4 1	11 6.51	+13 44.4	2.084	2.992	9.6	21.7
4 11	11 1.08	+14 2.0	2.162	2.993	12.6	21.9

243116 2007 RT_{165} 3 10.4 293.°43 1.°2/11.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.61	− 2 9.7	1.459	2.255	18.4	20.9
2 11	11 43.42	− 1 49.3	1.353	2.230	14.9	20.6
2 21	11 38.32	− 1 5.2	1.265	2.205	10.6	20.3
3 2	11 30.71	+ 0 0.9	1.201	2.180	5.4	19.9
3 12	11 21.55	+ 1 22.9	1.162	2.155	1.3	19.6
3 22	11 12.12	+ 2 51.3	1.149	2.130	6.4	19.8
4 1	11 3.88	+ 4 14.8	1.161	2.105	12.0	20.1
4 11	10 58.05	+ 5 23.8	1.194	2.080	17.1	20.3

160167 2001 UH_{131} 3 10.4 12.°45 2.°9/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.59	+ 8 31.3	1.621	2.437	16.0	20.2
2 11	11 44.28	+ 9 11.5	1.544	2.438	12.4	20.0
2 21	11 38.37	+10 2.5	1.489	2.439	8.2	19.8
3 2	11 30.49	+10 57.7	1.459	2.441	4.1	19.5
3 12	11 21.64	+11 49.1	1.456	2.443	3.5	19.5
3 22	11 13.00	+12 29.2	1.480	2.445	7.4	19.7
4 1	11 5.71	+12 52.9	1.529	2.448	11.6	20.0
4 11	11 0.61	+12 57.6	1.600	2.451	15.3	20.2

306977 2001 VB_{82} 3 10.4 210.°33 5.°2/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.44	−13 10.9	2.170	2.879	15.7	21.0
2 11	11 43.67	−13 28.2	2.067	2.875	13.3	20.8
2 21	11 37.76	−13 25.0	1.984	2.871	10.5	20.6
3 2	11 30.18	−13 0.3	1.924	2.866	7.5	20.5
3 12	11 21.69	−12 15.5	1.892	2.861	5.4	20.3
3 22	11 13.19	−11 14.8	1.887	2.855	5.8	20.3
4 1	11 5.63	−10 4.6	1.910	2.850	8.4	20.5
4 11	10 59.77	− 8 52.6	1.959	2.843	11.5	20.6

90298 2003 EA_{32} 3 10.4 261.°55 2.°1/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.12	− 4 30.2	1.965	2.728	15.5	20.2
2 11	11 42.85	− 4 17.2	1.861	2.717	12.5	20.0
2 21	11 37.33	− 3 45.7	1.778	2.705	9.0	19.7
3 2	11 30.02	− 2 56.9	1.721	2.693	5.1	19.5
3 12	11 21.72	− 1 55.3	1.690	2.681	2.1	19.2
3 22	11 13.39	− 0 47.1	1.689	2.669	4.8	19.4
4 1	11 6.04	+ 0 20.5	1.714	2.656	9.0	19.6
4 11	11 0.48	+ 1 20.4	1.765	2.644	12.8	19.8

504938 2011 CC_{78} 3 10.4 44.°24 1.°0/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 41.91	− 2 20.8	1.656	2.449	16.7	20.2
2 11	11 39.72	− 0 25.0	1.581	2.461	13.0	20.0
2 21	11 35.22	+ 1 56.5	1.529	2.473	8.6	19.8
3 2	11 28.99	+ 4 35.6	1.504	2.487	3.8	19.5
3 12	11 21.95	+ 7 19.6	1.508	2.500	1.7	19.4
3 22	11 15.13	+ 9 54.8	1.542	2.514	6.4	19.7
4 1	11 9.51	+12 9.7	1.604	2.528	10.8	20.0
4 11	11 5.83	+13 57.1	1.690	2.542	14.6	20.3

329329 2000 WW_{37} 3 10.4 186.°43 3.°9/15.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.59	−12 33.7	2.671	3.369	13.3	21.7
2 11	11 42.52	−12 26.3	2.565	3.369	11.2	21.6
2 21	11 36.72	−12 0.8	2.480	3.368	8.6	21.4
3 2	11 29.61	−11 17.5	2.421	3.367	6.0	21.2
3 12	11 21.83	−10 18.6	2.391	3.364	4.0	21.1
3 22	11 14.08	− 9 8.3	2.390	3.361	4.5	21.1
4 1	11 7.09	− 7 52.4	2.420	3.358	6.9	21.3
4 11	11 1.47	− 6 36.9	2.476	3.354	9.6	21.4

336700 2010 CK_{28} 3 10.4 89.°87 5.°6/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.33	−13 8.9	2.130	2.841	15.9	21.0
2 11	11 43.59	−13 42.5	2.034	2.842	13.5	20.8
2 21	11 37.70	−13 56.5	1.958	2.843	10.7	20.6
3 2	11 30.15	−13 49.5	1.906	2.845	7.8	20.4
3 12	11 21.72	−13 22.6	1.880	2.846	5.8	20.3
3 22	11 13.33	−12 39.3	1.882	2.847	6.1	20.3
4 1	11 5.91	−11 45.2	1.910	2.848	8.5	20.5
4 11	11 0.23	−10 47.7	1.964	2.849	11.4	20.6

371021 2005 UM_{63} 3 10.4 89.°75 0.°0/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.56	+ 1 0.1	1.876	2.661	15.3	21.6
2 11	11 43.82	+ 1 26.5	1.798	2.671	12.0	21.4
2 21	11 37.83	+ 2 7.8	1.741	2.681	8.1	21.2
3 2	11 30.17	+ 3 0.1	1.710	2.691	3.8	21.0
3 12	11 21.73	+ 3 57.4	1.708	2.701	0.7	20.7
3 22	11 13.50	+ 4 53.1	1.734	2.711	5.2	21.1
4 1	11 6.43	+ 5 40.9	1.787	2.721	9.3	21.4
4 11	11 1.25	+ 6 16.4	1.864	2.730	12.8	21.6

16419 Kovalev 3 10.4 158.°87 1.°6/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.88	+ 5 45.5	1.772	2.566	15.7	18.6
2 11	11 48.15	+ 6 17.2	1.692	2.572	12.3	18.4
2 21	11 40.86	+ 7 0.8	1.633	2.577	8.2	18.2
3 2	11 31.62	+ 7 51.2	1.600	2.582	3.8	17.9
3 12	11 21.44	+ 8 41.2	1.596	2.586	2.2	17.8
3 22	11 11.47	+ 9 24.1	1.620	2.590	6.4	18.1
4 1	11 2.83	+ 9 54.4	1.671	2.593	10.6	18.4
4 11	10 56.37	+10 9.1	1.746	2.595	14.4	18.6

369771 2012 GR_{13} 3 10.4 345.°07 2.°6/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.11	+ 4 13.1	1.572	2.389	16.3	20.3
2 11	11 40.16	+ 5 37.7	1.489	2.385	12.6	20.0
2 21	11 35.70	+ 7 21.8	1.429	2.381	8.3	19.7
3 2	11 29.30	+ 9 17.7	1.395	2.378	3.9	19.5
3 12	11 21.89	+11 14.1	1.387	2.375	3.4	19.4
3 22	11 14.59	+12 59.6	1.407	2.373	7.7	19.7
4 1	11 8.51	+14 24.8	1.452	2.371	12.1	19.9
4 11	11 4.53	+15 24.5	1.519	2.369	16.1	20.2

417595 2006 VS_{94} 3 10.4 32.°51 4.°8/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.53	+11 43.3	1.329	2.164	17.8	20.8
2 11	11 44.59	+12 39.7	1.274	2.177	13.7	20.6
2 21	11 38.70	+13 44.8	1.238	2.191	9.2	20.4
3 2	11 30.63	+14 49.2	1.227	2.206	5.4	20.2
3 12	11 21.66	+15 42.3	1.241	2.221	5.6	20.3
3 22	11 13.14	+16 16.5	1.280	2.237	9.3	20.5
4 1	11 6.34	+16 27.4	1.342	2.254	13.4	20.8
4 11	11 2.07	+16 14.8	1.424	2.272	17.1	21.1

206331 2003 OK_{8} 3 10.4 186.°03 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.39	+ 1 18.2	1.971	2.747	15.0	21.0
2 11	11 46.81	+ 1 37.1	1.879	2.747	11.9	20.8
2 21	11 39.90	+ 2 10.0	1.809	2.747	8.1	20.5
3 2	11 31.18	+ 2 53.6	1.765	2.745	3.8	20.3
3 12	11 21.53	+ 3 42.6	1.750	2.744	0.7	20.0
3 22	11 11.98	+ 4 30.9	1.765	2.741	5.2	20.4
4 1	11 3.54	+ 5 12.6	1.807	2.738	9.4	20.6
4 11	10 57.03	+ 5 43.2	1.874	2.734	13.0	20.8

461431 2001 VR_{21} 3 10.4 174.°37 10.°6/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 59.40	+39 45.9	2.448	3.215	12.6	21.7
2 11	11 52.93	+41 15.3	2.401	3.218	11.4	21.6
2 21	11 43.87	+42 31.0	2.377	3.221	10.7	21.6
3 2	11 32.93	+43 23.9	2.378	3.223	10.7	21.6
3 12	11 21.23	+43 47.9	2.404	3.224	11.5	21.7
3 22	11 9.94	+43 40.6	2.452	3.225	12.8	21.7
4 1	11 0.18	+43 3.3	2.522	3.225	14.3	21.9
4 11	10 52.71	+42 0.5	2.609	3.224	15.7	22.0

394834 2008 SF_{163} 3 10.4 249.°65 0.°4/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.12	+ 0 50.4	1.665	2.455	16.7	21.8
2 11	11 45.72	+ 1 32.7	1.561	2.438	13.3	21.5
2 21	11 39.60	+ 2 35.2	1.479	2.421	9.1	21.2
3 2	11 31.22	+ 3 53.8	1.421	2.403	4.2	20.8
3 12	11 21.51	+ 5 21.0	1.391	2.384	1.2	20.6
3 22	11 11.68	+ 6 47.4	1.388	2.364	6.4	20.9
4 1	11 2.99	+ 8 3.3	1.413	2.344	11.4	21.1
4 11	10 56.50	+ 9 1.8	1.460	2.323	15.9	21.3

95197 2002 BV_{16} 3 10.4 334.°33 1.°2/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.44	− 0 27.6	1.750	2.535	16.2	19.7
2 11	11 44.07	− 0 30.2	1.659	2.531	13.0	19.5
2 21	11 38.23	− 0 17.3	1.589	2.526	9.1	19.2
3 2	11 30.47	+ 0 8.9	1.544	2.522	4.6	19.0
3 12	11 21.68	+ 0 44.0	1.525	2.518	1.3	18.7
3 22	11 12.97	+ 1 22.0	1.534	2.514	5.2	19.0
4 1	11 5.43	+ 1 56.9	1.569	2.511	9.7	19.2
4 11	10 59.92	+ 2 23.2	1.628	2.508	13.7	19.4

13855 1999 XX_{105} 3 10.4 171.°68 1.°8/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.34	+ 5 5.5	2.047	2.839	14.0	19.0
2 11	11 44.32	+ 6 2.3	1.962	2.842	10.8	18.8
2 21	11 38.14	+ 7 11.8	1.900	2.845	7.2	18.6
3 2	11 30.34	+ 8 28.5	1.865	2.847	3.3	18.4
3 12	11 21.72	+ 9 45.1	1.859	2.849	2.3	18.3
3 22	11 13.24	+10 54.3	1.883	2.850	6.0	18.5
4 1	11 5.81	+11 50.3	1.935	2.850	9.8	18.7
4 11	11 0.16	+12 29.3	2.010	2.850	13.1	19.0

27849 Suyumbika 3 10.4 222.°13 2.°3/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.44	+ 7 21.5	1.863	2.658	15.0	18.8
2 11	11 47.91	+ 8 0.9	1.767	2.649	11.7	18.6
2 21	11 40.81	+ 8 51.6	1.693	2.638	7.9	18.3
3 2	11 31.68	+ 9 48.2	1.646	2.627	3.8	18.0
3 12	11 21.45	+10 43.5	1.627	2.615	2.9	17.9
3 22	11 11.22	+11 30.2	1.637	2.602	6.9	18.2
4 1	11 2.16	+12 2.6	1.674	2.589	11.1	18.4
4 11	10 55.19	+12 17.7	1.735	2.575	14.8	18.6

198988 2005 VN_{99} 3 10.4 156.°17 3.°5/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.61	− 6 36.4	1.728	2.479	17.7	20.8
2 11	11 48.10	− 6 48.0	1.641	2.486	14.5	20.6
2 21	11 40.94	− 6 39.4	1.574	2.492	10.7	20.3
3 2	11 31.72	− 6 10.8	1.532	2.497	6.5	20.1
3 12	11 21.45	− 5 25.8	1.516	2.502	3.5	19.9
3 22	11 11.31	− 4 30.5	1.528	2.506	5.6	20.1
4 1	11 2.49	− 3 32.5	1.568	2.510	9.6	20.3
4 11	10 55.90	− 2 39.3	1.632	2.513	13.5	20.5

326690 2002 XY_{107} 3 10.4 32.°07 12.°1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.26	+27 42.8	1.286	2.129	17.7	19.7
2 11	11 45.52	+29 47.4	1.252	2.144	14.8	19.6
2 21	11 39.46	+31 41.7	1.239	2.160	12.7	19.5
3 2	11 31.00	+33 10.8	1.248	2.176	12.1	19.5
3 12	11 21.63	+34 3.1	1.280	2.194	13.4	19.6
3 22	11 12.91	+34 14.1	1.333	2.212	15.7	19.8
4 1	11 6.21	+33 45.6	1.405	2.231	18.3	20.0
4 11	11 2.33	+32 43.8	1.494	2.251	20.6	20.3

464966 2005 WQ_{165} 3 10.4 163.°39 2.°3/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.00	+ 8 27.9	2.263	3.056	12.8	22.6
2 11	11 44.59	+ 9 13.8	2.179	3.061	9.8	22.4
2 21	11 38.19	+10 7.9	2.120	3.066	6.5	22.2
3 2	11 30.32	+11 5.1	2.089	3.070	3.3	22.0
3 12	11 21.75	+11 59.1	2.087	3.073	2.8	21.9
3 22	11 13.33	+12 44.5	2.115	3.076	5.9	22.1
4 1	11 5.89	+13 17.0	2.171	3.078	9.3	22.3
4 11	11 0.10	+13 34.5	2.251	3.080	12.3	22.5

60784 2000 GC_{178} 3 10.4 288.°26 4.°0/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.64	− 6 28.6	1.454	2.229	19.4	19.1
2 11	11 45.02	− 6 46.9	1.352	2.211	16.1	18.9
2 21	11 39.41	− 6 42.1	1.268	2.193	12.0	18.5
3 2	11 31.25	− 6 13.1	1.206	2.174	7.5	18.2
3 12	11 21.52	− 5 22.8	1.169	2.156	4.1	18.0
3 22	11 11.58	− 4 17.5	1.157	2.137	6.5	18.1
4 1	11 2.90	− 3 7.0	1.170	2.119	11.4	18.3
4 11	10 56.71	− 2 1.4	1.206	2.101	16.2	18.5

371944 2008 EW_{140} 3 10.4 298.°54 0.°0/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.50	+ 4 13.4	1.665	2.457	16.7	20.9
2 11	11 49.08	+ 3 54.0	1.566	2.444	13.3	20.7
2 21	11 41.82	+ 3 44.6	1.489	2.431	9.1	20.4
3 2	11 32.23	+ 3 42.9	1.437	2.418	4.3	20.1
3 12	11 21.35	+ 3 44.8	1.411	2.405	0.8	19.8
3 22	11 10.44	+ 3 45.7	1.414	2.392	6.0	20.1
4 1	11 0.81	+ 3 41.4	1.444	2.380	10.8	20.4
4 11	10 53.52	+ 3 28.3	1.496	2.367	15.1	20.6

107235 2001 BR_{54} 3 10.4 53.°39 3.°9/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.07	− 7 49.8	1.525	2.291	19.1	19.8
2 11	11 44.07	− 7 56.1	1.445	2.298	15.7	19.6
2 21	11 38.36	− 7 38.2	1.385	2.305	11.6	19.3
3 2	11 30.55	− 6 56.3	1.347	2.312	7.2	19.1
3 12	11 21.70	− 5 55.1	1.334	2.320	4.0	18.9
3 22	11 13.03	− 4 42.1	1.348	2.328	5.8	19.0
4 1	11 5.75	− 3 26.8	1.387	2.335	10.0	19.3
4 11	11 0.77	− 2 18.3	1.450	2.343	14.1	19.6

247423 2002 CW_{287} 3 10.4 230.°50 1.°9/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.22	− 3 41.3	2.654	3.401	12.3	20.7
2 11	11 42.22	− 3 45.9	2.551	3.396	9.9	20.5
2 21	11 36.53	− 3 38.4	2.471	3.392	7.1	20.3
3 2	11 29.55	− 3 19.8	2.417	3.387	4.1	20.1
3 12	11 21.91	− 2 52.8	2.393	3.382	1.9	20.0
3 22	11 14.29	− 2 20.9	2.399	3.378	3.8	20.1
4 1	11 7.42	− 1 48.1	2.434	3.373	6.9	20.3
4 11	11 1.88	− 1 18.6	2.495	3.367	9.8	20.5

99728 2002 JX_{54} 3 10.4 287.°33 1.°5/ 9.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.10	+ 4 41.4	1.572	2.379	16.8	19.9
2 11	11 45.06	+ 5 11.8	1.473	2.361	13.2	19.6
2 21	11 39.22	+ 5 57.9	1.396	2.343	8.9	19.3
3 2	11 31.07	+ 6 54.8	1.343	2.326	4.1	18.9
3 12	11 21.58	+ 7 55.0	1.316	2.308	2.1	18.8
3 22	11 12.01	+ 8 49.9	1.316	2.290	7.0	19.0
4 1	11 3.68	+ 9 31.8	1.342	2.272	12.0	19.2
4 11	10 57.65	+ 9 55.6	1.389	2.254	16.4	19.5

344834 2004 FH_{83} 3 10.4 307.°30 0.°3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.39	+ 0 4.5	1.271	2.083	19.7	20.7
2 11	11 44.25	+ 0 26.1	1.185	2.073	15.8	20.4
2 21	11 38.95	+ 1 10.7	1.117	2.063	10.9	20.1
3 2	11 31.01	+ 2 14.9	1.071	2.053	5.2	19.7
3 12	11 21.60	+ 3 30.4	1.050	2.043	0.9	19.4
3 22	11 12.18	+ 4 46.6	1.054	2.034	7.0	19.8
4 1	11 4.29	+ 5 52.7	1.081	2.025	12.7	20.1
4 11	10 59.12	+ 6 40.3	1.129	2.017	17.8	20.3

54911 2001 OM_{83} 3 10.4 108.°79 4.°6/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.27	+17 53.9	2.665	3.470	10.7	19.2
2 11	11 42.88	+19 7.6	2.607	3.490	8.3	19.1
2 21	11 36.83	+20 21.8	2.574	3.511	6.1	19.0
3 2	11 29.62	+21 30.6	2.571	3.531	4.7	18.9
3 12	11 21.92	+22 28.1	2.597	3.551	5.3	19.0
3 22	11 14.44	+23 10.2	2.652	3.570	7.2	19.1
4 1	11 7.87	+23 34.6	2.734	3.588	9.5	19.3
4 11	11 2.73	+23 41.2	2.839	3.607	11.6	19.5

345654 2006 TS_{41} 3 10.4 118.°93 2.°4/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.47	+10 20.5	2.739	3.532	10.8	21.6
2 11	11 42.21	+11 3.4	2.665	3.546	8.3	21.5
2 21	11 36.37	+11 51.4	2.615	3.560	5.5	21.3
3 2	11 29.41	+12 40.0	2.595	3.573	2.9	21.1
3 12	11 21.96	+13 24.4	2.604	3.587	2.8	21.1
3 22	11 14.69	+14 0.6	2.644	3.599	5.3	21.3
4 1	11 8.22	+14 25.6	2.712	3.612	8.0	21.5
4 11	11 3.09	+14 37.8	2.805	3.624	10.4	21.7

26591 Robertreeves 3 10.4 246.°39 1.°5/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.09	+ 4 58.5	1.927	2.723	14.6	18.3
2 11	11 44.41	+ 5 37.4	1.830	2.712	11.4	18.1
2 21	11 38.40	+ 6 29.3	1.756	2.701	7.6	17.8
3 2	11 30.55	+ 7 29.6	1.708	2.690	3.5	17.5
3 12	11 21.72	+ 8 31.4	1.688	2.679	2.0	17.4
3 22	11 12.89	+ 9 27.8	1.697	2.667	6.1	17.7
4 1	11 5.11	+10 12.4	1.732	2.655	10.3	17.9
4 11	10 59.22	+10 41.3	1.791	2.642	14.0	18.1

168271 2007 PE_{6} 3 10.4 136.°83 2.°6/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 55.13	+ 9 38.0	2.005	2.795	14.3	20.4
2 11	11 49.50	+10 9.7	1.930	2.810	11.0	20.2
2 21	11 41.54	+10 48.4	1.880	2.823	7.4	20.0
3 2	11 31.88	+11 28.5	1.856	2.836	3.7	19.8
3 12	11 21.49	+12 3.9	1.863	2.848	3.1	19.7
3 22	11 11.39	+12 29.3	1.898	2.860	6.4	20.0
4 1	11 2.59	+12 41.1	1.962	2.870	10.1	20.2
4 11	10 55.80	+12 38.2	2.050	2.880	13.3	20.4

204226 2004 CK_{102} 3 10.4 86.°04 3.°8/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.52	− 9 43.4	2.269	2.996	14.7	20.5
2 11	11 42.68	− 9 54.1	2.184	3.009	12.1	20.3
2 21	11 36.92	− 9 47.0	2.119	3.021	9.2	20.1
3 2	11 29.75	− 9 22.4	2.079	3.033	6.1	20.0
3 12	11 21.89	− 8 43.1	2.067	3.045	3.9	19.9
3 22	11 14.18	− 7 53.3	2.083	3.058	4.8	19.9
4 1	11 7.42	− 6 58.7	2.128	3.070	7.5	20.1
4 11	11 2.24	− 6 5.3	2.199	3.082	10.5	20.3

255693 2006 QP_{62} 3 10.4 223.°23 1.°9/ 8.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.54	+ 6 43.0	2.107	2.897	13.7	21.5
2 11	11 46.11	+ 7 23.1	2.008	2.887	10.7	21.3
2 21	11 39.45	+ 8 13.9	1.931	2.876	7.1	21.0
3 2	11 31.02	+ 9 10.5	1.882	2.864	3.4	20.8
3 12	11 21.64	+10 6.7	1.862	2.851	2.4	20.7
3 22	11 12.26	+10 56.0	1.872	2.838	6.1	20.9
4 1	11 3.88	+11 33.2	1.910	2.824	10.0	21.1
4 11	10 57.29	+11 55.0	1.971	2.809	13.4	21.3

231158 2005 UW_{66} 3 10.4 101.°82 0.°4/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.08	+ 0 29.9	2.030	2.810	14.5	21.5
2 11	11 43.21	+ 1 25.5	1.958	2.829	11.3	21.3
2 21	11 37.30	+ 2 36.5	1.908	2.848	7.5	21.1
3 2	11 29.91	+ 3 57.9	1.886	2.867	3.4	20.9
3 12	11 21.88	+ 5 22.7	1.893	2.885	0.9	20.7
3 22	11 14.08	+ 6 43.4	1.929	2.903	5.0	21.1
4 1	11 7.39	+ 7 53.6	1.993	2.921	8.8	21.3
4 11	11 2.43	+ 8 48.7	2.083	2.938	12.1	21.6

124943 2001 TW_{79} 3 10.4 5.°85 3.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.12	− 7 15.2	1.296	2.084	20.7	19.5
2 11	11 42.28	− 7 10.8	1.217	2.084	17.0	19.2
2 21	11 37.46	− 6 37.7	1.155	2.084	12.5	19.0
3 2	11 30.25	− 5 36.6	1.114	2.085	7.5	18.7
3 12	11 21.78	− 4 13.5	1.098	2.086	3.7	18.4
3 22	11 13.45	− 2 38.6	1.106	2.089	6.3	18.6
4 1	11 6.65	− 1 4.0	1.139	2.091	11.2	18.9
4 11	11 2.40	+ 0 18.8	1.193	2.094	15.9	19.2

58933 1998 ON_{10} 3 10.4 152.°44 0.°5/10.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.22	− 0 17.1	2.284	3.047	13.6	20.9
2 11	11 45.49	+ 0 7.9	2.197	3.057	10.7	20.7
2 21	11 38.78	+ 0 46.3	2.134	3.067	7.3	20.5
3 2	11 30.62	+ 1 34.9	2.097	3.076	3.6	20.3
3 12	11 21.75	+ 2 29.1	2.091	3.084	0.7	20.1
3 22	11 13.05	+ 3 23.3	2.114	3.091	4.4	20.4
4 1	11 5.32	+ 4 12.3	2.167	3.098	8.0	20.6
4 11	10 59.24	+ 4 51.8	2.245	3.103	11.3	20.8

498892 2008 YB_{144} 3 10.4 176.°11 3.°2/ 6.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.88	+10 55.5	2.402	3.206	11.8	21.5
2 11	11 41.35	+12 2.6	2.319	3.207	9.1	21.4
2 21	11 36.02	+13 16.9	2.261	3.207	6.1	21.2
3 2	11 29.34	+14 32.3	2.231	3.208	3.6	21.0
3 12	11 22.01	+15 42.3	2.231	3.208	3.8	21.0
3 22	11 14.78	+16 41.2	2.260	3.208	6.5	21.2
4 1	11 8.41	+17 24.6	2.316	3.208	9.5	21.4
4 11	11 3.52	+17 50.6	2.396	3.208	12.2	21.6

470533 2008 DF_{23} 3 10.4 68.°36 12.°5/14.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	12 14.82	− 8 41.2	0.890	1.658	29.4	20.9
2 11	12 7.88	−11 58.7	0.836	1.678	25.1	20.7
2 21	11 55.66	−14 56.6	0.797	1.699	20.0	20.5
3 2	11 39.00	−17 19.8	0.777	1.720	15.2	20.3
3 12	11 20.13	−18 56.5	0.780	1.740	12.6	20.2
3 22	11 1.94	−19 43.8	0.806	1.761	13.7	20.3
4 1	10 47.13	−19 50.4	0.854	1.782	17.2	20.6
4 11	10 37.29	−19 33.2	0.920	1.802	21.2	20.9

456829 2007 TE_{427} 3 10.4 39.°05 1.°9/ 8.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.46	+ 5 28.9	1.292	2.115	18.9	21.2
2 11	11 45.43	+ 6 0.3	1.231	2.127	14.7	21.0
2 21	11 39.37	+ 6 46.9	1.188	2.140	9.7	20.8
3 2	11 31.03	+ 7 42.1	1.170	2.153	4.4	20.5
3 12	11 21.69	+ 8 36.6	1.176	2.167	2.6	20.4
3 22	11 12.77	+ 9 21.5	1.208	2.182	7.5	20.7
4 1	11 5.56	+ 9 50.3	1.264	2.197	12.3	21.1
4 11	11 0.97	+ 9 59.8	1.341	2.213	16.5	21.3

175150 2005 EZ_{32} 3 10.4 317.°42 0.°3/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.68	+ 2 39.4	1.401	2.213	18.2	20.8
2 11	11 44.24	+ 2 49.7	1.308	2.197	14.5	20.5
2 21	11 38.83	+ 3 17.3	1.235	2.182	9.9	20.2
3 2	11 30.96	+ 3 58.5	1.185	2.167	4.6	19.8
3 12	11 21.67	+ 4 46.6	1.160	2.153	1.1	19.5
3 22	11 12.33	+ 5 33.3	1.160	2.139	6.8	19.9
4 1	11 4.36	+ 6 10.4	1.185	2.126	12.2	20.1
4 11	10 58.90	+ 6 31.9	1.231	2.114	16.9	20.4

10933 1998 DC_{24} 3 10.4 51.°64 1.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.32	− 6 46.1	1.543	2.318	18.5	17.0
2 11	11 41.65	− 5 49.4	1.480	2.343	14.8	16.8
2 21	11 36.52	− 4 26.2	1.437	2.368	10.4	16.6
3 2	11 29.62	− 2 41.6	1.419	2.393	5.6	16.4
3 12	11 21.98	− 0 44.5	1.427	2.419	1.8	16.2
3 22	11 14.70	+ 1 13.6	1.463	2.445	5.2	16.5
4 1	11 8.80	+ 3 2.1	1.527	2.471	9.7	16.8
4 11	11 5.00	+ 4 32.8	1.614	2.497	13.6	17.1

165357 2000 WJ_{74} 3 10.4 50.°21 2.°7/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.66	− 3 11.9	1.315	2.106	20.3	20.2
2 11	11 47.06	− 3 27.2	1.253	2.125	16.3	20.0
2 21	11 40.42	− 3 20.8	1.209	2.143	11.6	19.8
3 2	11 31.51	− 2 54.6	1.188	2.163	6.4	19.5
3 12	11 21.61	− 2 14.2	1.192	2.182	2.7	19.4
3 22	11 12.13	− 1 27.1	1.221	2.202	6.0	19.6
4 1	11 4.41	− 0 42.0	1.275	2.223	10.8	19.9
4 11	10 59.33	− 0 5.9	1.352	2.243	15.1	20.2

91002 1998 BZ_{11} 3 10.4 54.°35 1.°4/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.24	− 1 17.7	1.303	2.102	20.0	18.9
2 11	11 46.72	− 1 12.7	1.243	2.122	15.9	18.7
2 21	11 40.17	− 0 46.6	1.202	2.142	11.0	18.4
3 2	11 31.39	− 0 3.1	1.183	2.162	5.6	18.2
3 12	11 21.64	+ 0 50.7	1.190	2.183	1.4	18.0
3 22	11 12.36	+ 1 46.1	1.223	2.204	6.1	18.3
4 1	11 4.83	+ 2 34.5	1.280	2.225	11.1	18.7
4 11	10 59.94	+ 3 9.6	1.360	2.246	15.4	19.0

497831 2006 UZ_{20} 3 10.4 167.°39 3.°3/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.96	−11 39.5	2.899	3.603	12.2	22.0
2 11	11 40.34	−11 28.4	2.797	3.607	10.2	21.9
2 21	11 35.20	−11 0.9	2.718	3.610	7.8	21.7
3 2	11 28.93	−10 17.9	2.664	3.612	5.3	21.6
3 12	11 22.11	− 9 21.6	2.639	3.615	3.5	21.4
3 22	11 15.36	− 8 16.0	2.644	3.617	4.0	21.5
4 1	11 9.28	− 7 6.2	2.678	3.618	6.3	21.6
4 11	11 4.41	− 5 57.3	2.741	3.620	8.8	21.8

259144 2002 XW_{81} 3 10.4 101.°53 7.°0/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.66	+20 27.9	1.880	2.696	14.1	20.3
2 11	11 47.02	+21 54.4	1.828	2.714	11.1	20.2
2 21	11 39.97	+23 20.0	1.799	2.732	8.4	20.0
3 2	11 31.19	+24 35.2	1.796	2.750	7.0	20.0
3 12	11 21.70	+25 31.6	1.821	2.767	7.8	20.1
3 22	11 12.61	+26 3.8	1.873	2.783	10.2	20.2
4 1	11 4.92	+26 10.2	1.949	2.800	12.9	20.4
4 11	10 59.34	+25 52.6	2.046	2.816	15.4	20.6

434511 2005 SW_{126} 3 10.4 235.°93 0.°2/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.01	+ 2 35.3	2.748	3.522	11.3	22.0
2 11	11 41.25	+ 2 59.7	2.644	3.513	8.8	21.8
2 21	11 35.87	+ 3 33.9	2.565	3.504	5.9	21.6
3 2	11 29.28	+ 4 15.0	2.514	3.495	2.7	21.4
3 12	11 22.06	+ 4 59.3	2.492	3.485	0.7	21.2
3 22	11 14.85	+ 5 42.3	2.501	3.475	4.0	21.5
4 1	11 8.35	+ 6 20.1	2.538	3.465	7.2	21.6
4 11	11 3.10	+ 6 49.2	2.602	3.455	10.1	21.8

121304 1999 RA_{206} 3 10.4 209.°60 2.°3/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.53	− 5 14.8	2.553	3.291	12.9	20.4
2 11	11 44.15	− 5 15.6	2.446	3.284	10.5	20.2
2 21	11 37.92	− 5 2.5	2.361	3.277	7.7	20.0
3 2	11 30.27	− 4 36.5	2.303	3.270	4.6	19.8
3 12	11 21.87	− 4 0.1	2.274	3.262	2.3	19.6
3 22	11 13.46	− 3 17.4	2.275	3.253	4.0	19.7
4 1	11 5.83	− 2 33.1	2.306	3.244	7.2	19.9
4 11	10 59.64	− 1 51.9	2.363	3.234	10.3	20.1

288595 2004 JP_{27} 3 10.4 249.°87 5.°8/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.71	+22 35.5	2.688	3.494	10.6	20.6
2 11	11 43.50	+23 40.2	2.602	3.481	8.5	20.5
2 21	11 37.46	+24 43.9	2.541	3.467	6.7	20.3
3 2	11 30.04	+25 40.3	2.507	3.453	5.8	20.2
3 12	11 21.92	+26 23.4	2.503	3.439	6.5	20.3
3 22	11 13.86	+26 49.0	2.526	3.424	8.4	20.4
4 1	11 6.65	+26 55.0	2.575	3.410	10.6	20.5
4 11	11 0.90	+26 41.4	2.646	3.395	12.7	20.6

82261 2001 KZ_{12} 3 10.4 293.°08 0.°3/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.35	+ 0 48.8	1.363	2.171	18.9	19.6
2 11	11 44.72	+ 1 24.4	1.280	2.167	14.9	19.3
2 21	11 39.10	+ 2 21.7	1.217	2.163	10.2	19.1
3 2	11 31.05	+ 3 36.2	1.176	2.159	4.7	18.7
3 12	11 21.71	+ 4 59.0	1.162	2.155	1.1	18.5
3 22	11 12.46	+ 6 19.3	1.173	2.151	6.9	18.8
4 1	11 4.71	+ 7 27.1	1.209	2.147	12.2	19.1
4 11	10 59.51	+ 8 15.2	1.266	2.144	16.9	19.4

377130 2003 GX_{34} 3 10.4 267.°78 5.°6/ 4.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.18	+16 36.6	2.134	2.947	12.8	20.6
2 11	11 44.45	+17 57.2	2.034	2.923	10.1	20.4
2 21	11 38.46	+19 23.7	1.959	2.899	7.3	20.2
3 2	11 30.64	+20 48.3	1.910	2.875	5.6	20.1
3 12	11 21.79	+22 2.2	1.891	2.850	6.4	20.0
3 22	11 12.86	+22 58.3	1.899	2.824	9.2	20.2
4 1	11 4.86	+23 31.8	1.933	2.798	12.3	20.3
4 11	10 58.65	+23 41.3	1.988	2.772	15.3	20.4

426200 2012 KU_2 3 10.4 319.°28 1.°6/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.52	+ 3 57.8	1.626	2.436	16.2	21.1
2 11	11 42.04	+ 4 45.6	1.537	2.427	12.7	20.8
2 21	11 37.03	+ 5 50.3	1.470	2.418	8.5	20.5
3 2	11 30.01	+ 7 6.3	1.427	2.410	3.9	20.2
3 12	11 21.92	+ 8 25.1	1.411	2.402	2.2	20.1
3 22	11 13.89	+ 9 37.6	1.422	2.394	6.8	20.4
4 1	11 7.05	+10 36.0	1.458	2.387	11.4	20.6
4 11	11 2.31	+11 15.0	1.517	2.380	15.4	20.8

166095 2002 CW_{142} 3 10.4 297.°70 3.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.66	− 5 49.1	1.492	2.268	19.0	20.0
2 11	11 44.84	− 6 4.3	1.398	2.258	15.6	19.8
2 21	11 39.15	− 5 57.4	1.323	2.249	11.5	19.5
3 2	11 31.10	− 5 28.1	1.270	2.239	7.0	19.2
3 12	11 21.70	− 4 39.9	1.242	2.230	3.6	19.0
3 22	11 12.26	− 3 39.6	1.240	2.221	6.1	19.1
4 1	11 4.13	− 2 36.1	1.264	2.212	10.8	19.3
4 11	10 58.40	− 1 38.6	1.309	2.203	15.3	19.5

287491 2003 BK_{19} 3 10.4 63.°09 5.°2/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.65	+11 32.9	1.278	2.110	18.5	20.3
2 11	11 47.22	+12 42.8	1.222	2.123	14.3	20.1
2 21	11 40.61	+14 2.7	1.186	2.137	9.7	19.9
3 2	11 31.64	+15 22.1	1.173	2.151	5.8	19.7
3 12	11 21.65	+16 29.0	1.186	2.165	6.1	19.7
3 22	11 12.15	+17 14.3	1.224	2.179	9.9	20.0
4 1	11 4.49	+17 33.3	1.285	2.194	14.2	20.3
4 11	10 59.58	+17 26.1	1.366	2.208	18.0	20.5

386571 2009 DS_{129} 3 10.4 31.°25 2.°1/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.40	− 6 5.3	2.105	2.864	14.7	21.3
2 11	11 39.68	− 5 37.1	2.017	2.869	11.9	21.1
2 21	11 35.03	− 4 49.9	1.951	2.875	8.5	20.9
3 2	11 28.94	− 3 45.9	1.910	2.881	4.9	20.7
3 12	11 22.15	− 2 30.0	1.897	2.887	2.1	20.5
3 22	11 15.49	− 1 8.9	1.913	2.894	4.3	20.7
4 1	11 9.75	+ 0 10.3	1.957	2.901	7.9	20.9
4 11	11 5.60	+ 1 21.1	2.026	2.908	11.3	21.1

42646 1998 FF_{69} 3 10.4 12.°95 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.63	+ 0 44.2	1.279	2.094	19.5	18.7
2 11	11 43.42	+ 1 1.4	1.206	2.096	15.4	18.5
2 21	11 38.20	+ 1 39.3	1.152	2.099	10.5	18.2
3 2	11 30.60	+ 2 33.7	1.121	2.103	5.0	17.9
3 12	11 21.83	+ 3 36.4	1.114	2.107	0.9	17.6
3 22	11 13.29	+ 4 37.9	1.132	2.112	6.6	18.0
4 1	11 6.34	+ 5 29.0	1.174	2.118	11.9	18.3
4 11	11 1.97	+ 6 3.2	1.237	2.125	16.5	18.6

429945 2012 UP_8 3 10.4 199.°79 0.°9/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.94	− 2 39.8	2.411	3.173	13.0	21.6
2 11	11 40.64	− 2 4.6	2.314	3.172	10.3	21.4
2 21	11 35.58	− 1 14.1	2.240	3.170	7.2	21.2
3 2	11 29.18	− 0 11.1	2.192	3.169	3.7	21.0
3 12	11 22.12	+ 0 59.6	2.174	3.167	0.9	20.7
3 22	11 15.11	+ 2 12.4	2.186	3.165	4.0	21.0
4 1	11 8.90	+ 3 21.3	2.226	3.162	7.6	21.2
4 11	11 4.11	+ 4 21.1	2.293	3.160	10.7	21.4

464155 2014 YW_{35} 3 10.4 86.°89 0.°3/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.75	+ 1 3.7	1.817	2.602	15.7	21.5
2 11	11 44.91	+ 1 17.7	1.735	2.608	12.4	21.3
2 21	11 38.70	+ 1 46.4	1.675	2.614	8.5	21.1
3 2	11 30.71	+ 2 26.3	1.640	2.620	4.0	20.8
3 12	11 21.84	+ 3 12.1	1.633	2.626	0.7	20.6
3 22	11 13.16	+ 3 57.3	1.654	2.632	5.2	20.9
4 1	11 5.67	+ 4 36.0	1.702	2.638	9.5	21.2
4 11	11 0.17	+ 5 3.6	1.774	2.644	13.2	21.4

380645 2004 XA_{138} 3 10.4 189.°61 2.°5/ 7.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.66	+ 9 44.3	2.636	3.427	11.2	22.0
2 11	11 43.35	+10 35.7	2.545	3.426	8.6	21.8
2 21	11 37.31	+11 33.9	2.480	3.424	5.8	21.6
3 2	11 29.98	+12 34.0	2.443	3.422	3.1	21.4
3 12	11 22.00	+13 30.5	2.437	3.419	3.0	21.4
3 22	11 14.11	+14 18.6	2.460	3.415	5.6	21.6
4 1	11 7.01	+14 54.4	2.512	3.411	8.6	21.8
4 11	11 1.31	+15 15.8	2.590	3.406	11.2	21.9

210982 2001 VZ_{125} 3 10.4 123.°31 1.°4/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.28	− 3 35.4	2.657	3.407	12.2	21.3
2 11	11 41.42	− 3 17.3	2.569	3.418	9.7	21.2
2 21	11 35.96	− 2 46.1	2.504	3.428	6.9	21.0
3 2	11 29.33	− 2 3.8	2.466	3.439	3.8	20.8
3 12	11 22.14	− 1 14.1	2.458	3.449	1.4	20.6
3 22	11 15.08	− 0 21.3	2.480	3.459	3.6	20.8
4 1	11 8.80	+ 0 29.8	2.531	3.469	6.7	21.0
4 11	11 3.84	+ 1 15.0	2.609	3.478	9.5	21.2

412104 2013 GK_6 3 10.4 237.°81 1.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.90	+ 5 35.5	1.708	2.510	15.9	21.9
2 11	11 46.16	+ 6 13.9	1.617	2.502	12.5	21.7
2 21	11 39.79	+ 7 6.1	1.547	2.493	8.3	21.4
3 2	11 31.33	+ 8 6.9	1.502	2.484	3.9	21.1
3 12	11 21.75	+ 9 8.3	1.485	2.475	2.4	21.0
3 22	11 12.20	+10 2.7	1.496	2.466	6.8	21.2
4 1	11 3.88	+10 43.3	1.533	2.456	11.3	21.5
4 11	10 57.73	+11 6.1	1.593	2.446	15.3	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
114437	2003 AR_{12}		3 10.4	149.°58	3.°3/ 6.3	18
	h m	° ′			°	m
2 1	11 48.95	+10 41.0	2.405	3.200	12.0	20.2
2 11	11 44.45	+11 58.8	2.329	3.212	9.2	20.0
2 21	11 38.08	+13 23.7	2.279	3.223	6.2	19.8
3 2	11 30.34	+14 49.3	2.258	3.234	3.7	19.7
3 12	11 21.96	+16 8.6	2.268	3.244	3.9	19.7
3 22	11 13.75	+17 15.4	2.307	3.253	6.6	19.9
4 1	11 6.48	+18 5.6	2.375	3.261	9.5	20.1
4 11	11 0.78	+18 37.5	2.466	3.268	12.2	20.3
291207	2006 AB_{82}		3 10.4	166.°03	1.°3/11.8	17
2 1	11 47.36	− 2 45.1	2.221	2.981	14.0	21.6
2 11	11 43.44	− 2 27.7	2.128	2.984	11.2	21.4
2 21	11 37.54	− 1 55.1	2.058	2.987	7.9	21.2
3 2	11 30.14	− 1 9.5	2.014	2.989	4.2	21.0
3 12	11 21.99	− 0 15.3	1.999	2.991	1.3	20.8
3 22	11 13.94	+ 0 42.0	2.014	2.993	4.3	21.0
4 1	11 6.82	+ 1 36.6	2.057	2.994	8.0	21.2
4 11	11 1.32	+ 2 23.4	2.125	2.995	11.3	21.4
160941	2002 AM_{9}		3 10.4	69.°42	5.°3/16.1	17
2 1	11 47.52	−13 32.6	2.461	3.158	14.4	19.9
2 11	11 43.45	−14 11.5	2.365	3.162	12.2	19.7
2 21	11 37.50	−14 33.4	2.290	3.167	9.7	19.5
3 2	11 30.12	−14 37.1	2.240	3.172	7.2	19.4
3 12	11 22.00	−14 23.4	2.217	3.177	5.5	19.3
3 22	11 13.92	−13 54.9	2.221	3.182	5.7	19.3
4 1	11 6.69	−13 16.1	2.254	3.187	7.6	19.4
4 11	11 0.96	−12 32.6	2.313	3.192	10.1	19.6
267294	2001 SX_{176}		3 10.4	146.°63	1.°2/12.0	18
2 1	11 47.43	− 4 56.4	2.587	3.328	12.7	21.9
2 11	11 43.12	− 4 9.4	2.498	3.341	10.2	21.8
2 21	11 37.12	− 3 6.5	2.431	3.354	7.1	21.6
3 2	11 29.88	− 1 50.5	2.393	3.366	3.8	21.4
3 12	11 22.06	− 0 26.4	2.385	3.377	1.2	21.2
3 22	11 14.38	+ 1 0.0	2.409	3.387	3.8	21.4
4 1	11 7.53	+ 2 22.6	2.463	3.397	7.0	21.6
4 11	11 2.08	+ 3 36.0	2.544	3.405	10.0	21.8
57853	2001 XG_{98}		3 10.4	186.°89	1.°8/ 8.4	18
2 1	11 49.57	+ 7 16.2	2.463	3.248	12.1	19.7
2 11	11 44.95	+ 7 54.9	2.371	3.247	9.4	19.6
2 21	11 38.46	+ 8 41.9	2.303	3.246	6.2	19.4
3 2	11 30.55	+ 9 32.8	2.264	3.245	3.0	19.1
3 12	11 21.94	+10 22.3	2.254	3.242	2.2	19.1
3 22	11 13.42	+11 5.4	2.275	3.239	5.3	19.3
4 1	11 5.77	+11 37.9	2.325	3.236	8.6	19.5
4 11	10 59.65	+11 57.4	2.399	3.231	11.5	19.7
239111	2006 HQ_{80}		3 10.4	229.°25	4.°8/16.4	17
2 1	11 45.12	−14 54.6	2.556	3.247	14.0	21.4
2 11	11 41.62	−14 57.5	2.444	3.238	12.0	21.2
2 21	11 36.31	−14 40.8	2.352	3.228	9.5	21.0
3 2	11 29.59	−14 4.0	2.284	3.219	7.0	20.8
3 12	11 22.11	−13 8.5	2.243	3.208	5.1	20.7
3 22	11 14.61	−11 58.2	2.232	3.198	5.2	20.7
4 1	11 7.85	−10 38.9	2.249	3.187	7.4	20.8
4 11	11 2.49	− 9 17.4	2.292	3.176	10.1	21.0
226007	2002 ED_{19}		3 10.4	358.°72	7.°7/16.9	18
2 1	11 44.83	−15 4.2	1.612	2.341	19.6	19.4
2 11	11 42.44	−15 56.7	1.523	2.339	16.9	19.2
2 21	11 37.42	−16 24.0	1.452	2.337	13.8	18.9
3 2	11 30.27	−16 22.7	1.402	2.336	10.5	18.7
3 12	11 21.97	−15 52.7	1.375	2.336	8.1	18.6
3 22	11 13.69	−14 58.3	1.373	2.337	8.1	18.6
4 1	11 6.65	−13 47.3	1.396	2.338	10.5	18.7
4 11	11 1.82	−12 30.0	1.441	2.341	13.8	18.9
142852	2002 VM_{24}		3 10.4	73.°25	0.°8/ 9.7	18
2 1	11 49.34	+ 3 3.8	1.648	2.446	16.6	20.2
2 11	11 45.47	+ 3 36.4	1.581	2.463	12.9	20.0
2 21	11 39.10	+ 4 23.8	1.536	2.480	8.6	19.8
3 2	11 30.89	+ 5 20.6	1.516	2.498	3.9	19.5
3 12	11 21.89	+ 6 19.5	1.523	2.515	1.4	19.4
3 22	11 13.22	+ 7 13.1	1.558	2.533	5.9	19.7
4 1	11 5.94	+ 7 55.2	1.619	2.550	10.3	20.0
4 11	11 0.81	+ 8 21.8	1.703	2.567	14.0	20.3
206797	2004 DL_{37}		3 10.4	21.°24	3.°0/ 8.4	18
2 1	11 53.84	+12 20.6	1.682	2.492	15.8	19.5
2 11	11 48.96	+12 15.4	1.612	2.500	12.3	19.3
2 21	11 41.44	+12 13.7	1.563	2.510	8.3	19.0
3 2	11 31.98	+12 10.4	1.540	2.520	4.3	18.8
3 12	11 21.70	+12 0.5	1.545	2.531	3.5	18.8
3 22	11 11.80	+11 40.3	1.577	2.543	7.0	19.0
4 1	11 3.41	+11 8.0	1.636	2.555	11.0	19.3
4 11	10 57.31	+10 23.6	1.718	2.569	14.5	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
368229	2001 TV_{217}		3 10.4	151.°91	5.°6/16.5	16
	h m	° ′			°	m
2 1	11 47.39	−15 10.8	2.124	2.823	16.3	21.8
2 11	11 43.67	−15 21.4	2.029	2.828	13.9	21.6
2 21	11 37.82	−15 9.3	1.955	2.834	11.0	21.4
3 2	11 30.32	−14 33.5	1.903	2.838	8.1	21.2
3 12	11 22.00	−13 35.8	1.878	2.843	5.9	21.1
3 22	11 13.75	−12 21.3	1.881	2.847	6.0	21.1
4 1	11 6.50	−10 57.0	1.911	2.851	8.4	21.3
4 11	11 1.01	− 9 31.3	1.968	2.854	11.3	21.4
272918	2006 BX_{185}		3 10.4	239.°09	0.°0/10.3	17
2 1	11 45.94	+ 0 59.8	2.089	2.870	14.1	21.3
2 11	11 42.53	+ 1 32.1	1.994	2.866	11.1	21.1
2 21	11 37.05	+ 2 18.9	1.921	2.861	7.5	20.8
3 2	11 29.97	+ 3 16.7	1.875	2.856	3.5	20.6
3 12	11 22.06	+ 4 19.9	1.857	2.850	0.7	20.3
3 22	11 14.21	+ 5 22.1	1.868	2.845	4.9	20.6
4 1	11 7.30	+ 6 17.2	1.908	2.840	8.9	20.9
4 11	11 2.07	+ 7 0.3	1.971	2.834	12.4	21.1
433069	2012 TX_{31}		3 10.4	152.°79	2.°5/13.8	17
2 1	11 44.64	− 8 20.7	2.722	3.448	12.5	22.0
2 11	11 40.95	− 8 1.6	2.626	3.454	10.2	21.8
2 21	11 35.68	− 7 26.6	2.552	3.460	7.5	21.7
3 2	11 29.24	− 6 37.2	2.505	3.466	4.7	21.5
3 12	11 22.22	− 5 36.6	2.486	3.471	2.6	21.4
3 22	11 15.28	− 4 29.2	2.498	3.476	3.7	21.4
4 1	11 9.08	− 3 20.4	2.540	3.480	6.5	21.6
4 11	11 4.16	− 2 15.4	2.609	3.485	9.3	21.8
310744	2002 QH_{110}		3 10.4	283.°28	2.°0/11.9	17
2 1	11 48.76	− 2 25.6	1.650	2.430	17.3	21.3
2 11	11 45.41	− 2 30.5	1.554	2.420	14.0	21.1
2 21	11 39.40	− 2 17.3	1.478	2.411	10.0	20.8
3 2	11 31.21	− 1 47.4	1.426	2.402	5.4	20.5
3 12	11 21.83	− 1 5.1	1.401	2.392	2.0	20.3
3 22	11 12.42	− 0 16.7	1.402	2.383	5.5	20.5
4 1	11 4.22	+ 0 30.4	1.430	2.374	10.2	20.7
4 11	10 58.22	+ 1 9.4	1.481	2.365	14.5	20.9
246944	1999 RD_{109}		3 10.4	181.°99	1.°0/11.8	17
2 1	11 46.57	− 3 8.3	2.849	3.593	11.6	21.8
2 11	11 42.38	− 2 38.2	2.747	3.595	9.2	21.6
2 21	11 36.61	− 1 55.0	2.670	3.595	6.5	21.4
3 2	11 29.67	− 1 1.1	2.621	3.595	3.4	21.2
3 12	11 22.14	− 0 0.2	2.602	3.594	1.0	21.0
3 22	11 14.66	+ 1 3.1	2.614	3.592	3.5	21.2
4 1	11 7.88	+ 2 4.1	2.656	3.590	6.6	21.4
4 11	11 2.35	+ 2 58.3	2.726	3.586	9.4	21.6
352119	2007 EO_{139}		3 10.4	260.°21	3.°1/ 7.9	17
2 1	11 51.33	+ 8 14.4	1.544	2.356	16.8	22.0
2 11	11 47.72	+ 8 58.3	1.449	2.340	13.2	21.7
2 21	11 41.13	+ 9 55.7	1.376	2.325	8.9	21.4
3 2	11 32.09	+10 59.8	1.327	2.309	4.5	21.1
3 12	11 21.66	+12 1.6	1.305	2.292	3.8	21.0
3 22	11 11.16	+12 51.8	1.310	2.275	8.2	21.2
4 1	11 2.01	+13 23.5	1.340	2.258	13.0	21.5
4 11	10 55.31	+13 33.4	1.391	2.241	17.3	21.7
269955	2000 SR_{218}		3 10.4	183.°54	0.°4/ 9.9	16
2 1	11 46.46	+ 0 54.0	2.602	3.369	12.0	21.5
2 11	11 42.46	+ 1 48.0	2.505	3.370	9.4	21.4
2 21	11 36.75	+ 2 55.0	2.432	3.370	6.3	21.2
3 2	11 29.76	+ 4 11.2	2.388	3.369	2.9	20.9
3 12	11 22.13	+ 5 31.2	2.375	3.368	0.8	20.8
3 22	11 14.55	+ 6 49.2	2.392	3.365	4.3	21.0
4 1	11 7.75	+ 7 59.5	2.440	3.363	7.7	21.2
4 11	11 2.31	+ 8 58.0	2.513	3.359	10.6	21.4
26021	4177 P–L		3 10.4	292.°81	1.°4/11.4	18 R
2 1	11 50.60	− 0 4.4	1.624	2.410	17.3	19.1
2 11	11 46.90	− 0 17.6	1.528	2.400	13.9	18.8
2 21	11 40.43	− 0 15.6	1.453	2.390	9.8	18.5
3 2	11 31.72	+ 0 0.0	1.402	2.380	5.1	18.2
3 12	11 21.74	+ 0 25.2	1.378	2.370	1.4	18.0
3 22	11 11.75	+ 0 54.2	1.380	2.361	5.7	18.2
4 1	11 3.01	+ 1 20.8	1.409	2.351	10.5	18.5
4 11	10 56.56	+ 1 39.3	1.461	2.342	14.9	18.7
36403	2000 OW_{47}		3 10.4	223.°95	0.°2/10.2	17
2 1	11 51.81	+ 2 2.1	2.077	2.851	14.4	20.4
2 11	11 47.23	+ 2 27.3	1.971	2.839	11.4	20.1
2 21	11 40.33	+ 3 6.2	1.888	2.826	7.8	19.9
3 2	11 31.57	+ 3 55.5	1.831	2.812	3.6	19.6
3 12	11 21.78	+ 4 49.8	1.804	2.797	0.8	19.4
3 22	11 11.93	+ 5 42.9	1.806	2.781	5.3	19.6
4 1	11 3.06	+ 6 28.8	1.837	2.765	9.5	19.9
4 11	10 56.02	+ 7 2.9	1.893	2.747	13.2	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
277456	2005 UQ_{512}		3 10.4	178.°98	2.°1/ 8.0	16
	h m	° ′			°	m
2 1	11 49.91	+ 8 36.0	2.506	3.292	11.9	22.1
2 11	11 45.17	+ 9 17.2	2.417	3.294	9.2	21.9
2 21	11 38.58	+10 5.5	2.352	3.296	6.1	21.7
3 2	11 30.62	+10 56.5	2.316	3.296	3.1	21.5
3 12	11 21.98	+11 44.9	2.311	3.296	2.6	21.5
3 22	11 13.45	+12 25.6	2.335	3.296	5.5	21.7
4 1	11 5.80	+12 55.0	2.388	3.294	8.6	21.9
4 11	10 59.66	+13 10.9	2.466	3.292	11.4	22.1
173953	2001 XL_{11}		3 10.4	162.°23	4.°2/16.2	17
2 1	11 47.22	−14 8.2	3.158	3.834	11.8	21.3
2 11	11 42.77	−14 26.6	3.056	3.840	10.0	21.2
2 21	11 36.82	−14 30.3	2.976	3.846	8.0	21.1
3 2	11 29.77	−14 19.0	2.921	3.851	5.9	20.9
3 12	11 22.15	−13 53.8	2.895	3.855	4.4	20.8
3 22	11 14.58	−13 17.3	2.899	3.860	4.6	20.8
4 1	11 7.66	−12 33.1	2.933	3.863	6.2	21.0
4 11	11 1.91	−11 45.7	2.993	3.866	8.3	21.1
160293	2003 DK_{24}		3 10.4	325.°75	10.°4/28.3	18
2 1	11 42.06	+22 8.3	1.379	2.229	16.3	18.9
2 11	11 40.95	+24 22.8	1.302	2.206	13.4	18.7
2 21	11 36.82	+26 42.7	1.246	2.183	11.1	18.5
3 2	11 30.15	+28 52.9	1.215	2.161	10.5	18.4
3 12	11 22.04	+30 37.6	1.208	2.139	12.3	18.4
3 22	11 13.91	+31 45.3	1.222	2.119	15.5	18.5
4 1	11 7.25	+32 10.6	1.256	2.100	19.0	18.7
4 11	11 3.20	+31 55.1	1.306	2.082	22.2	18.8
377864	2006 BZ_{254}		3 10.4	3.°83	0.°4/10.0	17
2 1	11 45.49	+ 1 47.6	1.895	2.686	14.9	21.3
2 11	11 42.36	+ 2 23.1	1.808	2.686	11.7	21.0
2 21	11 37.02	+ 3 13.8	1.743	2.686	7.9	20.8
3 2	11 30.00	+ 4 15.5	1.704	2.686	3.6	20.5
3 12	11 22.12	+ 5 21.6	1.694	2.687	1.0	20.3
3 22	11 14.36	+ 6 25.2	1.711	2.687	5.4	20.7
4 1	11 7.66	+ 7 19.5	1.755	2.687	9.5	20.9
4 11	11 2.78	+ 7 59.9	1.823	2.688	13.1	21.1
309222	2007 PU_{21}		3 10.4	107.°84	2.°5/ 7.6	18
2 1	11 49.01	+ 3 25.2	1.833	2.625	15.3	20.8
2 11	11 44.98	+ 5 16.9	1.767	2.649	11.8	20.6
2 21	11 38.67	+ 7 25.2	1.725	2.671	7.7	20.4
3 2	11 30.70	+ 9 41.4	1.712	2.693	3.6	20.2
3 12	11 22.01	+11 54.1	1.728	2.715	3.2	20.2
3 22	11 13.61	+13 53.0	1.775	2.735	7.0	20.4
4 1	11 6.46	+15 30.3	1.850	2.755	10.8	20.7
4 11	11 1.26	+16 42.4	1.949	2.774	14.0	21.0
15958	1998 BE_{33}		3 10.4	70.°05	0.°2/10.2	18
2 1	11 47.87	− 0 27.6	1.771	2.555	16.1	18.6
2 11	11 44.04	+ 0 33.5	1.713	2.586	12.5	18.4
2 21	11 37.98	+ 1 52.1	1.676	2.616	8.4	18.2
3 2	11 30.35	+ 3 22.3	1.666	2.647	3.8	18.0
3 12	11 22.10	+ 4 55.8	1.684	2.677	0.9	17.8
3 22	11 14.23	+ 6 23.8	1.731	2.707	5.3	18.2
4 1	11 7.65	+ 7 39.1	1.806	2.736	9.4	18.5
4 11	11 3.02	+ 8 37.1	1.905	2.766	12.8	18.8
134666	1999 VM_{156}		3 10.4	204.°10	0.°4/10.8	17
2 1	11 50.01	− 0 0.7	2.150	2.918	14.2	21.2
2 11	11 45.67	+ 0 23.9	2.050	2.913	11.2	21.0
2 21	11 39.18	+ 1 3.0	1.973	2.907	7.7	20.7
3 2	11 31.01	+ 1 53.6	1.922	2.901	3.8	20.5
3 12	11 21.95	+ 2 50.8	1.901	2.894	0.6	20.2
3 22	11 12.91	+ 3 48.6	1.909	2.886	4.8	20.5
4 1	11 4.83	+ 4 40.9	1.946	2.878	8.8	20.7
4 11	10 58.47	+ 5 22.9	2.008	2.869	12.3	20.9
155149	2005 UE_{61}		3 10.4	145.°60	0.°6/10.9	18
2 1	11 47.98	− 0 26.3	2.065	2.838	14.5	21.1
2 11	11 44.07	− 0 3.0	1.978	2.843	11.5	20.9
2 21	11 38.05	+ 0 35.1	1.913	2.848	7.9	20.6
3 2	11 30.45	+ 1 25.0	1.875	2.853	3.9	20.4
3 12	11 22.07	+ 2 21.3	1.865	2.858	0.7	20.2
3 22	11 13.82	+ 3 18.1	1.884	2.862	4.7	20.5
4 1	11 6.60	+ 4 9.3	1.931	2.866	8.6	20.7
4 11	11 1.11	+ 4 50.2	2.004	2.870	12.1	20.9
406424	2007 TJ_{182}		3 10.4	152.°26	3.°6/ 6.7	18
2 1	11 52.54	+11 43.1	2.122	2.919	13.4	21.9
2 11	11 47.50	+12 42.9	2.047	2.930	10.3	21.8
2 21	11 40.28	+13 49.0	1.997	2.940	7.0	21.6
3 2	11 31.46	+14 55.0	1.974	2.949	4.1	21.4
3 12	11 21.89	+15 53.5	1.980	2.958	4.2	21.4
3 22	11 12.55	+16 38.6	2.016	2.965	7.1	21.6
4 1	11 4.36	+17 6.6	2.080	2.972	10.4	21.8
4 11	10 58.01	+17 16.2	2.167	2.978	13.3	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
458921	2011 UL_{279}		3 10.4	184.°79	4.°0/ 6.8	18
	h m	° ′			°	m
2 1	11 52.99	+12 8.4	1.866	2.670	14.6	21.9
2 11	11 48.28	+13 0.6	1.784	2.671	11.4	21.7
2 21	11 41.05	+14 0.0	1.726	2.671	7.8	21.5
3 2	11 31.90	+14 59.3	1.694	2.670	4.6	21.3
3 12	11 21.80	+15 50.7	1.690	2.669	4.7	21.3
3 22	11 11.87	+16 27.5	1.715	2.667	7.9	21.5
4 1	11 3.21	+16 45.6	1.766	2.664	11.6	21.7
4 11	10 56.66	+16 43.7	1.840	2.661	14.9	21.9
381199	2007 RT_{45}		3 10.4	135.°01	1.°2/11.8	17
2 1	11 48.70	− 1 35.7	2.532	3.286	12.6	21.3
2 11	11 44.18	− 1 34.0	2.443	3.295	10.1	21.2
2 21	11 37.89	− 1 20.7	2.377	3.304	7.0	21.0
3 2	11 30.31	− 0 57.5	2.338	3.313	3.7	20.8
3 12	11 22.11	− 0 27.8	2.329	3.321	1.2	20.6
3 22	11 14.03	+ 0 4.8	2.350	3.329	3.8	20.8
4 1	11 6.81	+ 0 35.8	2.401	3.337	7.1	21.0
4 11	11 1.03	+ 1 1.7	2.477	3.344	10.0	21.2
55715	3536 $T\text{-}_3$		3 10.4	134.°64	2.°2/ 8.4	18
2 1	11 51.30	+ 7 53.1	2.009	2.803	14.1	20.7
2 11	11 46.65	+ 8 28.5	1.932	2.813	10.9	20.5
2 21	11 39.76	+ 9 12.7	1.878	2.823	7.3	20.3
3 2	11 31.23	+10 0.4	1.851	2.832	3.5	20.0
3 12	11 21.94	+10 45.4	1.852	2.840	2.7	20.0
3 22	11 12.88	+11 21.8	1.883	2.849	6.1	20.2
4 1	11 4.98	+11 45.6	1.942	2.856	9.8	20.5
4 11	10 58.98	+11 54.4	2.024	2.864	13.0	20.7
340125	2005 XH_5		3 10.4	293.°08	9.°6/15.2	17
2 1	12 1.19	−16 47.7	2.081	2.743	17.6	19.9
2 11	11 55.30	−18 48.3	1.955	2.717	15.6	19.7
2 21	11 46.39	−20 36.7	1.849	2.691	13.3	19.5
3 2	11 34.75	−22 6.4	1.767	2.665	11.1	19.3
3 12	11 21.21	−23 11.9	1.713	2.639	9.7	19.1
3 22	11 6.98	−23 50.1	1.686	2.612	10.1	19.1
4 1	10 53.50	−24 2.3	1.688	2.586	12.0	19.1
4 11	10 42.09	−23 54.4	1.714	2.560	14.7	19.2
303832	2005 SB_{130}		3 10.4	236.°47	1.°9/13.2	18
2 1	11 43.83	− 6 52.5	3.114	3.841	11.0	21.7
2 11	11 40.25	− 6 28.9	2.995	3.826	9.0	21.5
2 21	11 35.22	− 5 51.3	2.899	3.811	6.6	21.3
3 2	11 29.08	− 5 1.2	2.830	3.795	4.0	21.1
3 12	11 22.34	− 4 1.2	2.791	3.778	2.0	21.0
3 22	11 15.57	− 2 55.4	2.783	3.761	3.3	21.0
4 1	11 9.37	− 1 48.4	2.805	3.744	6.1	21.2
4 11	11 4.25	− 0 44.8	2.856	3.726	8.7	21.3
235943	2005 EF_{141}		3 10.4	1.°89	7.°4/16.9	17
2 1	11 45.69	−14 54.9	1.757	2.478	18.5	19.4
2 11	11 42.90	−15 50.3	1.667	2.477	16.0	19.2
2 21	11 37.64	−16 22.8	1.596	2.476	13.0	19.0
3 2	11 30.40	−16 29.2	1.545	2.477	9.9	18.9
3 12	11 22.08	−16 9.6	1.519	2.478	7.7	18.7
3 22	11 13.79	−15 27.4	1.518	2.479	7.7	18.7
4 1	11 6.64	−14 29.2	1.542	2.482	10.0	18.9
4 11	11 1.54	−13 24.1	1.590	2.485	13.0	19.0
263464	2008 ET_{35}		3 10.4	195.°52	1.°2/ 9.1	18
2 1	11 47.09	+ 2 57.4	2.104	2.890	13.8	20.6
2 11	11 43.42	+ 3 55.5	2.012	2.888	10.8	20.4
2 21	11 37.66	+ 5 8.1	1.942	2.885	7.2	20.2
3 2	11 30.30	+ 6 30.4	1.900	2.882	3.3	19.9
3 12	11 22.12	+ 7 55.3	1.888	2.879	1.7	19.8
3 22	11 14.00	+ 9 15.3	1.905	2.875	5.6	20.0
4 1	11 6.84	+10 23.7	1.950	2.871	9.4	20.3
4 11	11 1.37	+11 16.1	2.019	2.866	12.8	20.5
498787	2008 UJ_{168}		3 10.4	40.°03	1.°7/ 8.7	17
2 1	11 46.56	+ 6 10.8	2.023	2.821	13.9	21.6
2 11	11 43.03	+ 6 49.1	1.938	2.823	10.8	21.4
2 21	11 37.40	+ 7 38.1	1.877	2.824	7.1	21.1
3 2	11 30.16	+ 8 32.8	1.843	2.825	3.3	20.9
3 12	11 22.15	+ 9 27.0	1.837	2.826	2.2	20.8
3 22	11 14.27	+10 14.5	1.859	2.828	5.8	21.1
4 1	11 7.43	+10 50.1	1.909	2.829	9.6	21.3
4 11	11 2.33	+11 10.9	1.982	2.831	12.9	21.5
96713	1999 KG_5		3 10.4	61.°17	1.°1/11.3	18
2 1	11 48.77	− 1 39.4	1.393	2.188	19.2	19.6
2 11	11 45.57	− 1 21.7	1.325	2.201	15.2	19.4
2 21	11 39.48	− 0 42.5	1.276	2.215	10.5	19.1
3 2	11 31.22	+ 0 14.4	1.250	2.229	5.3	18.9
3 12	11 21.96	+ 1 21.5	1.250	2.243	1.2	18.6
3 22	11 13.02	+ 2 29.7	1.276	2.257	5.9	19.0
4 1	11 5.67	+ 3 29.9	1.328	2.272	10.9	19.3
4 11	11 0.77	+ 4 15.7	1.402	2.286	15.2	19.6

79275 1995 SB_{21} 3 10.4 119.°40 3.°8/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.48	−10 45.2	2.497	3.213	13.7	19.5
2 11	11 41.81	−10 50.1	2.403	3.220	11.4	19.3
2 21	11 36.38	−10 37.8	2.331	3.227	8.7	19.2
3 2	11 29.64	−10 8.7	2.284	3.234	5.9	19.0
3 12	11 22.26	− 9 25.1	2.264	3.240	3.9	18.9
3 22	11 14.96	− 8 31.0	2.274	3.247	4.5	18.9
4 1	11 8.47	− 7 31.8	2.312	3.253	7.0	19.1
4 11	11 3.41	− 6 33.3	2.377	3.259	9.8	19.3

454651 2014 QZ_{276} 3 10.4 113.°12 2.°0/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.26	− 2 42.6	1.717	2.486	17.2	21.3
2 11	11 47.80	− 2 46.4	1.638	2.498	13.8	21.0
2 21	11 40.76	− 2 32.7	1.580	2.509	9.7	20.8
3 2	11 31.78	− 2 3.4	1.547	2.521	5.3	20.6
3 12	11 21.86	− 1 23.2	1.541	2.532	2.0	20.4
3 22	11 12.18	− 0 38.1	1.563	2.543	5.2	20.6
4 1	11 3.85	+ 0 5.1	1.612	2.553	9.5	20.9
4 11	10 57.70	+ 0 40.6	1.686	2.563	13.4	21.2

93273 2000 SE_{177} 3 10.4 65.°67 5.°5/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.50	−14 8.1	1.832	2.552	17.9	19.1
2 11	11 43.17	−14 15.6	1.757	2.571	15.1	18.9
2 21	11 37.56	−13 57.9	1.701	2.591	11.8	18.7
3 2	11 30.24	−13 14.6	1.667	2.610	8.4	18.6
3 12	11 22.16	−12 9.0	1.659	2.630	5.8	18.5
3 22	11 14.31	−10 47.5	1.678	2.650	6.1	18.5
4 1	11 7.66	− 9 18.8	1.725	2.669	8.7	18.7
4 11	11 2.96	− 7 51.9	1.796	2.689	11.9	18.9

433654 2014 BN_{11} 3 10.5 93.°97 2.°6/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.85	+ 8 37.7	2.305	3.106	12.3	21.0
2 11	11 41.39	+ 9 40.7	2.229	3.116	9.4	20.8
2 21	11 36.12	+10 52.1	2.178	3.125	6.2	20.6
3 2	11 29.51	+12 6.1	2.155	3.135	3.3	20.5
3 12	11 22.30	+13 16.2	2.161	3.144	3.2	20.5
3 22	11 15.24	+14 16.5	2.196	3.153	6.0	20.7
4 1	11 9.09	+15 2.5	2.259	3.163	9.2	20.9
4 11	11 4.45	+15 31.9	2.346	3.172	11.9	21.1

171448 Guchaohao 3 10.5 245.°32 1.°6/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.64	+ 4 46.8	1.876	2.667	15.1	21.9
2 11	11 46.66	+ 5 29.4	1.770	2.649	11.9	21.7
2 21	11 40.17	+ 6 26.5	1.687	2.631	8.0	21.4
3 2	11 31.62	+ 7 33.4	1.630	2.612	3.7	21.1
3 12	11 21.88	+ 8 42.7	1.602	2.593	2.2	20.9
3 22	11 12.03	+ 9 46.7	1.602	2.572	6.5	21.2
4 1	11 3.22	+10 38.3	1.630	2.551	10.9	21.4
4 11	10 56.41	+11 12.7	1.681	2.529	14.9	21.6

269573 2009 WC_{179} 3 10.5 195.°28 1.°9/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.33	+ 7 27.5	2.007	2.804	14.0	20.7
2 11	11 45.23	+ 7 56.1	1.921	2.804	10.9	20.4
2 21	11 38.90	+ 8 33.8	1.858	2.803	7.3	20.2
3 2	11 30.89	+ 9 16.0	1.821	2.802	3.5	20.0
3 12	11 22.04	+ 9 56.5	1.813	2.802	2.4	19.9
3 22	11 13.31	+10 29.8	1.833	2.801	6.0	20.1
4 1	11 5.68	+10 51.4	1.880	2.799	9.8	20.3
4 11	10 59.88	+10 58.7	1.952	2.798	13.2	20.6

208258 2000 VQ_{61} 3 10.5 201.°78 1.°7/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.97	+ 5 0.5	2.100	2.886	13.8	21.6
2 11	11 45.71	+ 5 57.0	2.004	2.882	10.8	21.4
2 21	11 39.25	+ 7 6.6	1.933	2.876	7.2	21.2
3 2	11 31.07	+ 8 24.0	1.888	2.870	3.3	20.9
3 12	11 22.00	+ 9 42.0	1.873	2.863	2.3	20.8
3 22	11 12.96	+10 53.5	1.888	2.855	6.0	21.0
4 1	11 4.91	+11 52.1	1.932	2.846	9.9	21.2
4 11	10 58.63	+12 33.8	1.999	2.836	13.3	21.4

79462 1997 YB_{13} 3 10.5 64.°77 0.°4/10.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.37	+ 2 28.6	2.061	2.846	14.1	20.4
2 11	11 43.41	+ 2 58.4	1.995	2.869	11.0	20.3
2 21	11 37.48	+ 3 40.2	1.952	2.893	7.3	20.1
3 2	11 30.13	+ 4 29.9	1.935	2.917	3.3	19.9
3 12	11 22.20	+ 5 21.8	1.947	2.940	0.9	19.7
3 22	11 14.56	+ 6 10.3	1.988	2.964	4.8	20.1
4 1	11 8.01	+ 6 50.3	2.057	2.987	8.5	20.3
4 11	11 3.17	+ 7 18.5	2.151	3.010	11.6	20.6

531 Zerlina 3 10.5 296.°74 7.°7/20.3 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.02	−24 57.1	2.053	2.698	18.2	16.7
2 11	11 40.70	−24 33.2	1.929	2.677	16.3	16.4
2 21	11 36.12	−23 35.2	1.821	2.656	13.8	16.2
3 2	11 29.71	−21 59.0	1.734	2.635	11.0	16.0
3 12	11 22.25	−19 44.9	1.672	2.615	8.6	15.8
3 22	11 14.71	−16 58.4	1.638	2.594	7.8	15.7
4 1	11 8.12	−13 50.8	1.633	2.574	9.4	15.7
4 11	11 3.34	−10 36.7	1.657	2.554	12.5	15.9

205848 2002 ER_{47} 3 10.5 35.°94 0.°8/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.72	− 0 48.9	1.201	2.014	20.6	20.7
2 11	11 44.36	− 0 32.1	1.139	2.027	16.3	20.5
2 21	11 38.87	+ 0 7.7	1.096	2.040	11.2	20.2
3 2	11 31.00	+ 1 6.2	1.074	2.055	5.5	20.0
3 12	11 22.06	+ 2 14.5	1.077	2.070	1.0	19.7
3 22	11 13.50	+ 3 22.5	1.104	2.086	6.5	20.1
4 1	11 6.70	+ 4 20.3	1.156	2.102	11.8	20.4
4 11	11 2.58	+ 5 1.0	1.228	2.119	16.3	20.8

321164 2008 VU_{19} 3 10.5 101.°45 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.26	+ 2 23.1	2.151	2.935	13.6	21.3
2 11	11 42.63	+ 2 56.5	2.068	2.942	10.6	21.1
2 21	11 37.04	+ 3 42.4	2.008	2.949	7.1	20.9
3 2	11 29.99	+ 4 37.0	1.975	2.956	3.3	20.7
3 12	11 22.24	+ 5 34.6	1.970	2.963	0.9	20.5
3 22	11 14.64	+ 6 29.4	1.995	2.970	4.8	20.8
4 1	11 8.02	+ 7 16.0	2.047	2.976	8.5	21.0
4 11	11 3.01	+ 7 50.4	2.125	2.983	11.8	21.2

502639 2015 CD_{35} 3 10.5 274.°12 5.°4/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.26	+15 55.7	2.020	2.837	13.2	21.1
2 11	11 43.83	+17 11.1	1.929	2.821	10.4	20.8
2 21	11 38.12	+18 32.1	1.862	2.805	7.5	20.6
3 2	11 30.60	+19 51.0	1.822	2.789	5.5	20.5
3 12	11 22.12	+20 59.1	1.810	2.773	6.3	20.5
3 22	11 13.65	+21 49.3	1.825	2.757	9.0	20.6
4 1	11 6.20	+22 17.1	1.865	2.740	12.3	20.8
4 11	11 0.59	+22 21.5	1.927	2.724	15.3	20.9

82683 2001 PZ_{26} 3 10.5 150.°87 0.°2/10.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.21	+ 2 8.3	2.671	3.442	11.6	20.5
2 11	11 42.19	+ 2 36.4	2.582	3.449	9.1	20.4
2 21	11 36.55	+ 3 14.7	2.517	3.455	6.1	20.2
3 2	11 29.71	+ 4 0.0	2.480	3.461	2.8	20.0
3 12	11 22.31	+ 4 48.2	2.473	3.466	0.6	19.8
3 22	11 15.01	+ 5 34.8	2.497	3.472	4.0	20.1
4 1	11 8.48	+ 6 15.6	2.549	3.476	7.2	20.3
4 11	11 3.28	+ 6 47.3	2.628	3.481	10.0	20.5

495182 2012 SX_{10} 3 10.5 166.°53 0.°5/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.41	− 0 1.0	3.303	4.052	10.0	22.1
2 11	11 42.78	+ 0 14.1	3.207	4.058	7.9	21.9
2 21	11 36.77	+ 0 38.0	3.135	4.064	5.4	21.8
3 2	11 29.78	+ 1 8.8	3.092	4.068	2.7	21.6
3 12	11 22.30	+ 1 43.5	3.080	4.073	0.6	21.4
3 22	11 14.90	+ 2 18.9	3.099	4.076	3.2	21.6
4 1	11 8.12	+ 2 51.9	3.149	4.079	5.9	21.8
4 11	11 2.44	+ 3 19.5	3.227	4.081	8.3	22.0

364597 2007 RC_{178} 3 10.5 105.°66 3.°6/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.47	+10 38.6	1.625	2.434	16.2	21.4
2 11	11 48.86	+11 17.7	1.556	2.445	12.6	21.1
2 21	11 41.52	+12 4.7	1.508	2.456	8.5	20.9
3 2	11 32.15	+12 52.8	1.487	2.466	4.5	20.7
3 12	11 21.87	+13 33.7	1.492	2.476	4.1	20.7
3 22	11 11.93	+14 0.9	1.525	2.486	7.8	20.9
4 1	11 3.50	+14 10.5	1.584	2.496	11.8	21.2
4 11	10 57.43	+14 1.3	1.665	2.505	15.4	21.4

115052 2003 RD_{6} 3 10.5 285.°90 12.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.93	−29 14.6	1.123	1.810	28.7	20.2
2 11	11 43.90	−29 5.6	0.996	1.771	26.6	19.8
2 21	11 40.06	−27 53.7	0.878	1.731	23.4	19.4
3 2	11 32.37	−25 15.1	0.775	1.690	19.1	19.0
3 12	11 21.67	−20 47.4	0.690	1.648	14.3	18.5
3 22	11 9.65	−14 23.1	0.630	1.604	12.0	18.1
4 1	10 58.70	− 6 27.0	0.599	1.560	16.2	18.1
4 11	10 51.15	+ 2 0.1	0.596	1.516	24.1	18.3

120124 2003 FO_{98} 3 10.5 5.°90 3.°5/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.25	− 5 37.1	1.768	2.528	17.0	19.8
2 11	11 45.56	− 6 2.9	1.678	2.528	14.0	19.5
2 21	11 39.37	− 6 10.8	1.608	2.528	10.3	19.3
3 2	11 31.21	− 6 0.9	1.562	2.529	6.4	19.1
3 12	11 22.03	− 5 35.8	1.543	2.529	3.6	18.9
3 22	11 12.91	− 5 0.3	1.551	2.530	5.4	19.0
4 1	11 4.98	− 4 20.9	1.586	2.531	9.3	19.2
4 11	10 59.11	− 3 44.1	1.645	2.532	13.1	19.5

264731 2002 CF_{92} 3 10.5 316.°07 3.°8/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.15	− 5 6.8	1.769	2.529	17.0	20.3
2 11	11 46.39	− 5 46.5	1.670	2.520	14.0	20.0
2 21	11 40.04	− 6 10.3	1.591	2.511	10.4	19.8
3 2	11 31.59	− 6 17.5	1.537	2.502	6.5	19.5
3 12	11 21.95	− 6 9.6	1.508	2.493	3.8	19.3
3 22	11 12.27	− 5 50.4	1.507	2.485	5.7	19.4
4 1	11 3.71	− 5 25.4	1.533	2.477	9.6	19.6
4 11	10 57.25	− 5 0.9	1.583	2.470	13.5	19.8

274466 2008 SU_{69} 3 10.5 225.°16 0.°1/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.18	+ 1 47.0	2.134	2.912	13.9	21.1
2 11	11 44.25	+ 2 1.4	2.039	2.909	11.0	20.9
2 21	11 38.23	+ 2 28.2	1.967	2.905	7.5	20.6
3 2	11 30.60	+ 3 4.3	1.921	2.902	3.5	20.4
3 12	11 22.15	+ 3 45.1	1.904	2.898	0.6	20.1
3 22	11 13.76	+ 4 25.4	1.917	2.894	4.8	20.4
4 1	11 6.34	+ 5 0.0	1.957	2.890	8.6	20.7
4 11	11 0.60	+ 5 24.9	2.022	2.885	12.1	20.9

211167 2002 HT_{8} 3 10.5 224.°00 3.°2/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.28	+ 9 29.4	1.817	2.621	15.0	21.0
2 11	11 47.12	+10 14.4	1.727	2.614	11.7	20.8
2 21	11 40.41	+11 9.1	1.661	2.607	7.9	20.5
3 2	11 31.71	+12 7.3	1.620	2.600	4.1	20.3
3 12	11 21.96	+13 1.3	1.607	2.592	3.8	20.3
3 22	11 12.28	+13 43.7	1.623	2.583	7.4	20.4
4 1	11 3.80	+14 9.6	1.664	2.575	11.4	20.7
4 11	10 57.42	+14 16.4	1.729	2.565	15.1	20.9

135412 2001 UC_{21} 3 10.5 108.°55 4.°1/15.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.00	−10 42.2	2.440	3.155	14.0	19.7
2 11	11 43.04	−10 59.2	2.348	3.164	11.7	19.6
2 21	11 37.26	−10 59.5	2.278	3.172	9.0	19.4
3 2	11 30.10	−10 42.9	2.232	3.180	6.2	19.2
3 12	11 22.26	−10 11.4	2.214	3.188	4.2	19.1
3 22	11 14.52	− 9 28.6	2.225	3.196	4.8	19.2
4 1	11 7.63	− 8 39.6	2.265	3.204	7.2	19.3
4 11	11 2.22	− 7 50.0	2.330	3.212	10.0	19.5

271278 2003 UC_{217} 3 10.5 225.°77 2.°9/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.17	− 8 22.8	2.522	3.249	13.3	21.9
2 11	11 42.45	− 8 13.7	2.411	3.240	11.0	21.7
2 21	11 36.92	− 7 47.8	2.322	3.229	8.2	21.5
3 2	11 29.98	− 7 5.7	2.259	3.219	5.2	21.3
3 12	11 22.28	− 6 10.4	2.224	3.208	3.0	21.2
3 22	11 14.55	− 5 6.2	2.219	3.196	4.2	21.2
4 1	11 7.56	− 3 58.8	2.243	3.184	7.2	21.4
4 11	11 1.98	− 2 54.2	2.294	3.172	10.3	21.6

415005 2011 FM_{105} 3 10.5 41.°87 3.°3/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.38	+ 8 11.7	1.444	2.267	17.2	20.4
2 11	11 44.25	+ 9 8.9	1.391	2.289	13.2	20.2
2 21	11 38.43	+10 17.5	1.360	2.311	8.7	20.0
3 2	11 30.69	+11 29.2	1.353	2.334	4.4	19.8
3 12	11 22.18	+12 34.4	1.372	2.358	3.9	19.8
3 22	11 14.13	+13 24.9	1.418	2.382	7.8	20.1
4 1	11 7.63	+13 55.7	1.488	2.407	11.9	20.4
4 11	11 3.44	+14 5.2	1.579	2.431	15.5	20.7

400536 2008 UD_{111} 3 10.5 221.°73 0.°6/10.9 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.39	+ 0 5.7	1.797	2.572	16.2	22.4
2 11	11 48.09	+ 0 19.6	1.697	2.563	13.0	22.2
2 21	11 41.16	+ 0 49.8	1.618	2.554	9.0	21.9
3 2	11 32.11	+ 1 33.6	1.564	2.543	4.4	21.6
3 12	11 21.88	+ 2 25.7	1.539	2.532	0.8	21.3
3 22	11 11.61	+ 3 19.2	1.542	2.520	5.5	21.6
4 1	11 2.50	+ 4 7.2	1.573	2.508	10.2	21.8
4 11	10 55.50	+ 4 43.9	1.627	2.495	14.3	22.1

30642 6532 P–L 3 10.5 171.°48 1.°1/ 9.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.94	+ 5 16.8	2.437	3.213	12.4	21.2
2 11	11 46.04	+ 5 46.5	2.347	3.218	9.7	21.0
2 21	11 39.24	+ 6 25.2	2.281	3.222	6.5	20.8
3 2	11 31.02	+ 7 9.3	2.243	3.225	3.0	20.6
3 12	11 22.11	+ 7 53.7	2.236	3.227	1.5	20.5
3 22	11 13.32	+ 8 33.6	2.259	3.228	4.9	20.7
4 1	11 5.44	+ 9 4.9	2.311	3.229	8.3	20.9
4 11	10 59.11	+ 9 24.8	2.388	3.229	11.3	21.1

172032 2001 VW_{132} 3 10.5 173.°21 3.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.07	− 8 42.0	2.618	3.341	13.0	20.6
2 11	11 42.22	− 8 49.3	2.518	3.343	10.7	20.4
2 21	11 36.67	− 8 41.6	2.440	3.344	8.1	20.2
3 2	11 29.83	− 8 19.2	2.388	3.344	5.3	20.0
3 12	11 22.33	− 7 44.3	2.365	3.345	3.3	19.9
3 22	11 14.87	− 7 0.6	2.371	3.346	4.2	20.0
4 1	11 8.17	− 6 12.6	2.405	3.346	6.8	20.1
4 11	11 2.82	− 5 25.5	2.467	3.346	9.6	20.3

488747 2004 RM_{346} 3 10.5 208.°93 2.°7/13.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.68	− 6 44.7	2.103	2.842	15.3	23.2
2 11	11 46.37	− 6 32.4	1.997	2.835	12.6	23.0
2 21	11 39.79	− 6 1.0	1.911	2.827	9.2	22.8
3 2	11 31.42	− 5 11.4	1.852	2.818	5.5	22.5
3 12	11 22.04	− 4 7.2	1.820	2.808	2.7	22.3
3 22	11 12.63	− 2 54.5	1.819	2.797	4.8	22.4
4 1	11 4.18	− 1 40.4	1.846	2.785	8.6	22.6
4 11	10 57.50	− 0 32.1	1.899	2.773	12.3	22.8

430105 2013 SZ_{86} 3 10.5 123.°07 1.°3/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.51	− 2 33.7	2.185	2.946	14.1	21.6
2 11	11 43.60	− 2 18.2	2.099	2.955	11.3	21.5
2 21	11 37.70	− 1 47.6	2.035	2.964	7.9	21.3
3 2	11 30.34	− 1 4.5	1.997	2.972	4.2	21.0
3 12	11 22.26	− 0 13.1	1.988	2.980	1.3	20.8
3 22	11 14.33	+ 0 41.2	2.008	2.988	4.3	21.1
4 1	11 7.36	+ 1 32.5	2.057	2.995	7.9	21.3
4 11	11 2.03	+ 2 16.0	2.131	3.003	11.2	21.5

135679 2002 NW_{51} 3 10.5 188.°47 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.78	+ 0 27.2	2.159	2.929	14.0	20.9
2 11	11 45.47	+ 0 55.5	2.064	2.928	11.1	20.7
2 21	11 39.05	+ 1 38.0	1.991	2.927	7.6	20.5
3 2	11 31.01	+ 2 31.5	1.946	2.925	3.6	20.2
3 12	11 22.14	+ 3 30.6	1.929	2.922	0.6	20.0
3 22	11 13.32	+ 4 29.4	1.943	2.919	4.8	20.3
4 1	11 5.48	+ 5 21.9	1.985	2.915	8.7	20.5
4 11	10 59.35	+ 6 3.5	2.052	2.911	12.1	20.7

125100 2001 UA_{34} 3 10.5 138.°94 5.°1/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.67	+12 51.1	1.640	2.456	15.8	19.8
2 11	11 47.53	+14 8.7	1.572	2.465	12.3	19.6
2 21	11 40.70	+15 34.4	1.526	2.472	8.4	19.4
3 2	11 31.82	+16 58.7	1.506	2.480	5.5	19.2
3 12	11 22.00	+18 11.5	1.513	2.487	5.9	19.2
3 22	11 12.45	+19 4.7	1.548	2.493	9.2	19.4
4 1	11 4.36	+19 33.6	1.608	2.499	12.9	19.7
4 11	10 58.57	+19 37.9	1.688	2.505	16.3	19.9

192658 1999 RU_{130} 3 10.5 211.°46 3.°2/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.36	− 6 47.8	2.381	3.111	14.0	20.8
2 11	11 45.81	− 7 6.6	2.275	3.106	11.5	20.7
2 21	11 39.24	− 7 10.8	2.191	3.100	8.6	20.4
3 2	11 31.11	− 7 0.5	2.133	3.094	5.4	20.2
3 12	11 22.12	− 6 37.6	2.104	3.087	3.2	20.1
3 22	11 13.11	− 6 5.7	2.104	3.080	4.6	20.2
4 1	11 4.95	− 5 29.3	2.133	3.072	7.7	20.3
4 11	10 58.36	− 4 53.7	2.189	3.064	10.8	20.5

410017 2006 WO_{158} 3 10.5 149.°76 1.°0/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.03	+ 4 37.2	2.137	2.919	13.8	21.8
2 11	11 46.35	+ 5 7.1	2.054	2.928	10.7	21.6
2 21	11 39.57	+ 5 47.7	1.995	2.936	7.2	21.4
3 2	11 31.22	+ 6 34.8	1.962	2.944	3.3	21.1
3 12	11 22.12	+ 7 22.8	1.959	2.951	1.5	21.0
3 22	11 13.20	+ 8 6.0	1.986	2.957	5.2	21.3
4 1	11 5.34	+ 8 39.8	2.041	2.963	9.0	21.5
4 11	10 59.24	+ 9 1.0	2.120	2.968	12.2	21.7

63600 2001 QY_{65} 3 10.5 338.°50 2.°7/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.75	− 4 52.6	2.176	2.928	14.5	18.4
2 11	11 43.91	− 5 9.3	2.080	2.926	11.8	18.2
2 21	11 38.02	− 5 11.2	2.005	2.925	8.6	18.0
3 2	11 30.54	− 4 59.1	1.956	2.923	5.2	17.8
3 12	11 22.24	− 4 35.5	1.935	2.922	2.7	17.7
3 22	11 13.98	− 4 4.3	1.942	2.921	4.5	17.8
4 1	11 6.66	− 3 30.6	1.977	2.920	7.9	18.0
4 11	11 0.98	− 2 59.4	2.038	2.919	11.3	18.2

142246 2002 RR_{100} 3 10.5 67.°68 1.°8/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.07	− 6 20.0	1.616	2.382	18.2	20.2
2 11	11 44.48	− 5 29.5	1.556	2.413	14.5	20.0
2 21	11 38.45	− 4 14.8	1.516	2.444	10.2	19.8
3 2	11 30.69	− 2 40.5	1.501	2.475	5.5	19.6
3 12	11 22.24	− 0 55.0	1.514	2.506	1.8	19.4
3 22	11 14.21	+ 0 51.5	1.555	2.536	5.1	19.7
4 1	11 7.59	+ 2 29.4	1.624	2.566	9.3	20.0
4 11	11 3.08	+ 3 51.2	1.717	2.596	13.1	20.3

461153 2015 TC_{115} 3 10.5 210.°59 1.°4/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.86	− 3 21.0	1.486	2.272	18.6	21.6
2 11	11 44.96	− 2 51.8	1.400	2.270	15.0	21.3
2 21	11 39.24	− 1 58.6	1.333	2.269	10.5	21.1
3 2	11 31.27	− 0 44.3	1.289	2.267	5.5	20.8
3 12	11 22.11	+ 0 43.8	1.272	2.265	1.4	20.5
3 22	11 13.02	+ 2 15.8	1.281	2.262	5.9	20.8
4 1	11 5.30	+ 3 41.0	1.317	2.260	11.0	21.1
4 11	10 59.94	+ 4 50.9	1.375	2.257	15.5	21.3

89346 2001 VH_{66} 3 10.5 114.°60 4.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 55.33	+12 31.9	1.654	2.463	16.1	20.0
2 11	11 50.22	+13 23.8	1.591	2.479	12.4	19.8
2 21	11 42.39	+14 22.1	1.550	2.495	8.5	19.6
3 2	11 32.57	+15 18.7	1.534	2.510	5.0	19.4
3 12	11 21.91	+16 4.9	1.547	2.525	5.0	19.5
3 22	11 11.66	+16 34.4	1.587	2.540	8.4	19.7
4 1	11 2.98	+16 43.7	1.653	2.554	12.1	20.0
4 11	10 56.68	+16 32.8	1.742	2.567	15.4	20.2

409197 2003 UB_{377} 3 10.5 69.°22 0.°3/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.68	+ 0 58.4	1.556	2.350	17.5	21.6
2 11	11 46.14	+ 1 12.5	1.477	2.355	13.9	21.4
2 21	11 39.87	+ 1 43.5	1.418	2.359	9.5	21.1
3 2	11 31.50	+ 2 27.9	1.383	2.364	4.5	20.9
3 12	11 22.08	+ 3 19.1	1.375	2.368	0.7	20.6
3 22	11 12.85	+ 4 9.7	1.394	2.373	5.8	21.0
4 1	11 5.01	+ 4 52.5	1.439	2.377	10.6	21.2
4 11	10 59.47	+ 5 21.9	1.506	2.382	14.8	21.5

163239 2002 EU_{156} 3 10.5 85.°77 0.°4/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.17	+ 1 19.4	1.542	2.335	17.7	21.4
2 11	11 47.09	+ 1 56.5	1.478	2.356	13.8	21.2
2 21	11 40.33	+ 2 51.0	1.435	2.377	9.3	21.0
3 2	11 31.62	+ 3 57.6	1.417	2.398	4.3	20.7
3 12	11 22.08	+ 5 8.1	1.426	2.419	1.0	20.5
3 22	11 12.93	+ 6 13.9	1.462	2.439	6.0	20.9
4 1	11 5.29	+ 7 7.6	1.525	2.459	10.6	21.2
4 11	10 59.97	+ 7 44.8	1.611	2.478	14.5	21.5

150682 2001 OS_{49} 3 10.5 129.°52 0.°7/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.87	+ 2 28.5	2.147	2.926	13.8	21.1
2 11	11 44.64	+ 3 14.2	2.068	2.940	10.8	20.9
2 21	11 38.39	+ 4 12.7	2.013	2.954	7.2	20.7
3 2	11 30.66	+ 5 19.6	1.986	2.967	3.2	20.5
3 12	11 22.26	+ 6 28.7	1.987	2.980	1.2	20.3
3 22	11 14.05	+ 7 33.5	2.019	2.992	5.0	20.6
4 1	11 6.87	+ 8 28.4	2.079	3.003	8.7	20.9
4 11	11 1.39	+ 9 9.6	2.164	3.014	11.9	21.1

21251 1995 YX_3 3 10.5 159.°00 5.°1/ 4.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.00	+17 16.0	2.353	3.162	11.8	19.2
2 11	11 43.92	+18 36.1	2.280	3.167	9.3	19.0
2 21	11 37.90	+19 58.7	2.233	3.172	6.7	18.9
3 2	11 30.44	+21 16.7	2.214	3.176	5.2	18.8
3 12	11 22.30	+22 22.8	2.224	3.180	5.9	18.8
3 22	11 14.31	+23 11.8	2.263	3.184	8.1	19.0
4 1	11 7.29	+23 40.5	2.327	3.187	10.7	19.1
4 11	11 1.88	+23 48.6	2.414	3.189	13.1	19.3

113626 2002 TZ_{65} 3 10.5 28.°73 0.°4/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.52	+ 0 19.2	2.045	2.826	14.3	19.8
2 11	11 42.24	+ 0 40.4	1.958	2.829	11.3	19.6
2 21	11 36.91	+ 1 15.8	1.894	2.832	7.7	19.4
3 2	11 30.02	+ 2 2.3	1.855	2.835	3.7	19.2
3 12	11 22.38	+ 2 54.6	1.845	2.838	0.6	18.9
3 22	11 14.85	+ 3 47.0	1.863	2.842	4.7	19.2
4 1	11 8.31	+ 4 33.6	1.909	2.845	8.6	19.5
4 11	11 3.45	+ 5 9.8	1.979	2.849	12.0	19.7

8360 1990 FD_1 3 10.5 346.°62 8.°5/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.90	+19 58.1	1.520	2.359	15.6	15.9
2 11	11 42.69	+21 50.9	1.454	2.354	12.5	15.7
2 21	11 37.70	+23 46.9	1.410	2.350	9.7	15.5
3 2	11 30.53	+25 33.6	1.392	2.346	8.5	15.5
3 12	11 22.28	+26 58.5	1.398	2.342	9.8	15.5
3 22	11 14.22	+27 53.0	1.429	2.340	12.7	15.7
4 1	11 7.59	+28 13.3	1.481	2.338	15.9	15.9
4 11	11 3.31	+28 0.9	1.552	2.336	18.9	16.1

133632 2003 UA_{141} 3 10.5 152.°49 4.°1/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.52	+12 19.9	1.943	2.746	14.2	20.6
2 11	11 47.77	+13 19.6	1.868	2.754	11.0	20.4
2 21	11 40.65	+14 25.8	1.818	2.762	7.5	20.2
3 2	11 31.77	+15 31.4	1.794	2.769	4.5	20.1
3 12	11 22.08	+16 28.4	1.799	2.776	4.7	20.1
3 22	11 12.61	+17 10.5	1.833	2.782	7.7	20.3
4 1	11 4.39	+17 33.7	1.893	2.787	11.2	20.5
4 11	10 58.16	+17 37.2	1.976	2.791	14.3	20.7

22653 1998 QW_2 3 10.5 342.°54 23.°2/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 19.04	−46 0.5	1.906	2.316	24.6	17.9
2 11	12 13.37	−50 37.8	1.823	2.305	24.2	17.7
2 21	12 2.02	−54 56.0	1.756	2.296	23.8	17.6
3 2	11 44.00	−58 38.8	1.706	2.287	23.5	17.6
3 12	11 19.47	−61 28.6	1.672	2.279	23.2	17.5
3 22	10 50.57	−63 12.3	1.654	2.273	23.2	17.5
4 1	10 21.66	−63 46.9	1.649	2.267	23.4	17.5
4 11	9 57.45	−63 23.8	1.657	2.262	23.8	17.5

375662 2009 DB_{48} 3 10.5 54.°19 3.°1/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 41.70	−14 41.6	1.059	1.836	25.1	20.2
2 11	11 40.99	−12 58.3	0.987	1.846	20.7	19.9
2 21	11 36.96	−10 20.3	0.931	1.856	15.3	19.6
3 2	11 30.30	− 6 51.2	0.896	1.866	8.9	19.3
3 12	11 22.34	− 2 47.3	0.886	1.877	3.4	19.0
3 22	11 14.68	+ 1 25.0	0.904	1.888	6.8	19.3
4 1	11 8.84	+ 5 17.9	0.947	1.900	13.0	19.6
4 11	11 5.88	+ 8 31.1	1.014	1.911	18.4	20.0

284101 2005 QV_{68} 3 10.5 225.°85 1.°7/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.79	+ 9 9.1	2.921	3.703	10.4	21.2
2 11	11 44.16	+ 9 31.0	2.818	3.693	8.1	21.1
2 21	11 37.90	+ 9 58.1	2.741	3.683	5.4	20.9
3 2	11 30.43	+10 27.0	2.692	3.672	2.7	20.7
3 12	11 22.33	+10 53.8	2.674	3.661	2.1	20.6
3 22	11 14.26	+11 15.0	2.686	3.649	4.7	20.8
4 1	11 6.89	+11 27.7	2.728	3.637	7.6	20.9
4 11	11 0.79	+11 30.1	2.796	3.625	10.2	21.1

198569 2004 XE_{168} 3 10.5 354.°42 1.°7/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.33	+ 4 53.1	1.577	2.393	16.3	19.9
2 11	11 41.20	+ 5 32.5	1.495	2.389	12.7	19.6
2 21	11 36.57	+ 6 27.0	1.435	2.385	8.5	19.4
3 2	11 29.98	+ 7 30.9	1.399	2.382	3.9	19.1
3 12	11 22.40	+ 8 36.2	1.389	2.380	2.3	19.0
3 22	11 14.94	+ 9 34.4	1.406	2.379	6.7	19.2
4 1	11 8.72	+10 18.5	1.448	2.379	11.2	19.5
4 11	11 4.59	+10 44.2	1.512	2.380	15.2	19.7

414886 2010 WB_{46} 3 10.5 200.°36 10.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.17	+29 38.9	1.856	2.668	14.4	21.0
2 11	11 48.75	+31 18.7	1.797	2.667	12.2	20.8
2 21	11 41.56	+32 51.2	1.761	2.665	10.6	20.7
3 2	11 32.27	+34 5.2	1.750	2.664	10.2	20.7
3 12	11 22.02	+34 51.5	1.764	2.662	11.3	20.8
3 22	11 12.06	+35 5.2	1.802	2.660	13.3	20.9
4 1	11 3.62	+34 46.0	1.862	2.658	15.6	21.0
4 11	10 57.54	+33 57.7	1.939	2.656	17.7	21.2

309052 2006 UU_{267} 3 10.5 109.°68 0.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.64	+ 2 8.6	2.021	2.795	14.7	21.6
2 11	11 47.61	+ 2 27.4	1.948	2.816	11.5	21.4
2 21	11 40.40	+ 2 58.5	1.899	2.836	7.8	21.2
3 2	11 31.61	+ 3 38.2	1.876	2.856	3.6	21.0
3 12	11 22.15	+ 4 21.1	1.882	2.875	0.7	20.8
3 22	11 12.97	+ 5 1.8	1.918	2.894	4.9	21.1
4 1	11 4.99	+ 5 35.3	1.982	2.912	8.7	21.4
4 11	10 58.90	+ 5 58.1	2.071	2.929	12.1	21.6

505931 2015 FK_{19} 3 10.5 242.°17 4.°0/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.86	+13 12.7	2.367	3.176	11.8	21.7
2 11	11 41.53	+14 25.7	2.282	3.172	9.1	21.5
2 21	11 36.35	+15 44.8	2.222	3.167	6.3	21.3
3 2	11 29.76	+17 3.5	2.190	3.162	4.2	21.2
3 12	11 22.47	+18 14.8	2.187	3.157	4.7	21.2
3 22	11 15.25	+19 12.9	2.213	3.152	7.2	21.3
4 1	11 8.89	+19 53.6	2.265	3.147	10.1	21.5
4 11	11 4.01	+20 15.1	2.341	3.142	12.7	21.7

174160 2002 PA_{66} 3 10.5 119.°03 4.°1/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.97	− 8 52.9	1.876	2.613	17.0	20.9
2 11	11 46.69	− 9 8.9	1.793	2.625	14.0	20.7
2 21	11 40.02	− 9 4.8	1.730	2.637	10.6	20.5
3 2	11 31.53	− 8 40.3	1.690	2.648	6.9	20.3
3 12	11 22.16	− 7 58.6	1.678	2.659	4.3	20.1
3 22	11 12.95	− 7 4.9	1.694	2.670	5.4	20.2
4 1	11 4.94	− 6 6.2	1.737	2.680	8.8	20.4
4 11	10 58.92	− 5 10.0	1.805	2.690	12.3	20.7

507977 2015 BH_{98} 3 10.5 56.°11 8.°7/17.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.81	−18 0.6	2.017	2.690	17.8	20.6
2 11	11 49.10	−19 28.9	1.923	2.692	15.6	20.4
2 21	11 41.82	−20 37.6	1.848	2.695	13.1	20.3
3 2	11 32.49	−21 22.2	1.795	2.698	10.7	20.1
3 12	11 21.97	−21 40.3	1.768	2.701	9.0	20.0
3 22	11 11.39	−21 32.9	1.766	2.704	8.9	20.0
4 1	11 1.90	−21 4.4	1.791	2.707	10.4	20.1
4 11	10 54.44	−20 22.4	1.840	2.710	12.8	20.2

259217 2003 BK_{16} 3 10.5 75.°10 1.°3/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.26	+ 4 59.4	1.716	2.511	16.1	20.1
2 11	11 47.61	+ 5 27.4	1.656	2.536	12.5	20.0
2 21	11 40.51	+ 6 7.1	1.617	2.561	8.3	19.8
3 2	11 31.68	+ 6 53.3	1.604	2.586	3.8	19.5
3 12	11 22.16	+ 7 39.2	1.620	2.611	1.8	19.5
3 22	11 13.05	+ 8 18.3	1.663	2.636	5.9	19.8
4 1	11 5.37	+ 8 45.8	1.734	2.660	10.0	20.1
4 11	10 59.83	+ 8 59.0	1.828	2.684	13.5	20.3

326951 2004 FV_{15} 3 10.5 261.°32 8.°0/ 7.5 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 11.01	+20 54.0	1.159	1.974	21.1	20.8
2 11	12 4.36	+21 2.2	1.082	1.967	17.2	20.5
2 21	11 53.07	+21 5.6	1.023	1.961	12.7	20.3
3 2	11 37.99	+20 52.2	0.986	1.954	8.8	20.0
3 12	11 21.01	+20 11.1	0.975	1.947	8.6	20.0
3 22	11 4.50	+18 58.4	0.990	1.941	12.4	20.2
4 1	10 50.70	+17 17.1	1.029	1.934	17.3	20.4
4 11	10 41.00	+15 15.2	1.088	1.927	21.8	20.7

425347 2010 BP_{32} 3 10.5 349.°80 0.°4/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.33	+ 0 32.4	1.786	2.579	15.6	20.7
2 11	11 41.70	+ 0 48.8	1.697	2.574	12.4	20.4
2 21	11 36.77	+ 1 20.9	1.629	2.570	8.5	20.2
3 2	11 30.06	+ 2 5.7	1.586	2.566	4.1	19.9
3 12	11 22.43	+ 2 57.6	1.570	2.563	0.7	19.6
3 22	11 14.87	+ 3 49.8	1.581	2.561	5.2	20.0
4 1	11 8.40	+ 4 35.8	1.619	2.559	9.5	20.2
4 11	11 3.81	+ 5 10.2	1.680	2.558	13.4	20.4

384241 2009 DG_{76} 3 10.5 350.°07 2.°0/ 8.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 43.96	+ 6 16.8	1.964	2.770	14.0	21.2
2 11	11 41.18	+ 7 5.5	1.879	2.767	10.8	21.0
2 21	11 36.28	+ 8 6.0	1.816	2.765	7.2	20.7
3 2	11 29.79	+ 9 12.8	1.780	2.762	3.4	20.5
3 12	11 22.48	+10 18.9	1.772	2.760	2.6	20.4
3 22	11 15.28	+11 17.4	1.791	2.759	6.2	20.6
4 1	11 9.08	+12 2.6	1.838	2.758	9.9	20.9
4 11	11 4.60	+12 31.0	1.907	2.757	13.3	21.1

11969 Gay–Lussac 3 10.5 94.°67 1.°1/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.99	− 1 23.5	2.022	2.793	14.8	18.7
2 11	11 44.16	− 1 12.0	1.938	2.801	11.8	18.5
2 21	11 38.20	− 0 45.5	1.877	2.809	8.2	18.3
3 2	11 30.65	− 0 6.6	1.841	2.818	4.2	18.1
3 12	11 22.34	+ 0 40.1	1.833	2.826	1.1	17.8
3 22	11 14.18	+ 1 28.8	1.854	2.834	4.6	18.1
4 1	11 7.08	+ 2 13.8	1.903	2.842	8.4	18.3
4 11	11 1.74	+ 2 50.3	1.977	2.850	11.9	18.6

206220 2002 VS_{56} 3 10.5 97.°36 0.°9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.98	+ 3 47.9	2.502	3.281	12.1	21.4
2 11	11 42.82	+ 4 31.3	2.432	3.304	9.3	21.2
2 21	11 36.99	+ 5 24.4	2.385	3.326	6.2	21.1
3 2	11 29.98	+ 6 23.2	2.367	3.349	2.8	20.9
3 12	11 22.47	+ 7 22.4	2.379	3.371	1.3	20.8
3 22	11 15.17	+ 8 16.9	2.421	3.392	4.5	21.1
4 1	11 8.76	+ 9 2.4	2.492	3.413	7.6	21.3
4 11	11 3.78	+ 9 36.2	2.589	3.434	10.4	21.5

8828 1988 RC_{7} 3 10.5 127.°14 0.°7/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.14	− 2 46.0	1.982	2.746	15.3	17.6
2 11	11 45.03	− 1 56.3	1.903	2.763	12.1	17.4
2 21	11 38.77	− 0 48.0	1.846	2.779	8.3	17.2
3 2	11 30.91	+ 0 34.7	1.816	2.794	4.1	17.0
3 12	11 22.31	+ 2 5.1	1.815	2.808	0.7	16.8
3 22	11 13.92	+ 3 35.1	1.844	2.822	4.8	17.1
4 1	11 6.65	+ 4 57.1	1.901	2.835	8.8	17.4
4 11	11 1.21	+ 6 5.4	1.984	2.847	12.3	17.6

480199 2015 FB_{343} 3 10.5 272.°66 6.°7/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 56.31	+26 6.9	2.540	3.331	11.6	21.0
2 11	11 50.45	+26 48.5	2.444	3.309	9.6	20.9
2 21	11 42.38	+27 25.7	2.373	3.288	7.7	20.7
3 2	11 32.62	+27 51.6	2.330	3.266	6.7	20.6
3 12	11 22.00	+28 0.3	2.315	3.244	7.4	20.6
3 22	11 11.48	+27 48.2	2.329	3.222	9.2	20.7
4 1	11 1.99	+27 14.2	2.368	3.200	11.6	20.8
4 11	10 54.31	+26 20.1	2.431	3.177	13.8	20.9

456732 2007 TP_{9} 3 10.5 131.°52 0.°8/ 9.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.17	+ 3 45.9	1.906	2.689	15.2	22.1
2 11	11 48.25	+ 4 12.0	1.830	2.703	11.9	21.9
2 21	11 40.98	+ 4 50.3	1.775	2.716	7.9	21.7
3 2	11 31.96	+ 5 36.4	1.747	2.729	3.6	21.4
3 12	11 22.15	+ 6 24.2	1.749	2.741	1.3	21.3
3 22	11 12.58	+ 7 7.6	1.779	2.753	5.5	21.6
4 1	11 4.26	+ 7 41.4	1.837	2.763	9.5	21.9
4 11	10 57.96	+ 8 2.1	1.920	2.774	13.1	22.1

43658 2002 FV 3 10.5 229.°87 0.°7/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.91	+ 3 45.6	1.913	2.697	15.1	20.0
2 11	11 47.57	+ 4 6.9	1.812	2.687	11.9	19.8
2 21	11 40.76	+ 4 41.0	1.735	2.676	8.1	19.5
3 2	11 31.99	+ 5 24.2	1.683	2.664	3.7	19.2
3 12	11 22.12	+ 6 10.6	1.660	2.652	1.3	19.0
3 22	11 12.24	+ 6 54.0	1.665	2.640	5.7	19.3
4 1	11 3.43	+ 7 28.5	1.699	2.626	10.1	19.5
4 11	10 56.61	+ 7 49.9	1.756	2.613	13.9	19.7

127571 2003 AM_{17} 3 10.5 237.°34 10.°9/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 59.72	−14 24.9	1.348	2.072	23.1	19.4
2 11	11 55.21	−16 26.7	1.257	2.066	20.2	19.2
2 21	11 46.92	−18 8.6	1.182	2.060	16.8	18.9
3 2	11 35.28	−19 22.3	1.128	2.054	13.4	18.7
3 12	11 21.49	−20 1.3	1.097	2.047	11.1	18.5
3 22	11 7.35	−20 4.5	1.090	2.040	11.5	18.5
4 1	10 54.81	−19 37.5	1.106	2.033	14.3	18.7
4 11	10 45.45	−18 51.9	1.144	2.026	18.0	18.9

244768 2003 SP_{126} 3 10.5 210.°73 3.°6/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.67	− 7 57.7	1.904	2.646	16.6	20.8
2 11	11 45.84	− 8 3.3	1.804	2.642	13.7	20.6
2 21	11 39.59	− 7 48.7	1.725	2.637	10.2	20.3
3 2	11 31.44	− 7 14.0	1.669	2.632	6.5	20.1
3 12	11 22.22	− 6 22.2	1.641	2.626	3.7	19.9
3 22	11 13.00	− 5 18.9	1.641	2.619	5.3	20.0
4 1	11 4.84	− 4 11.5	1.669	2.612	9.0	20.2
4 11	10 58.62	− 3 7.8	1.722	2.605	12.8	20.4

473734 2016 CL_{222} 3 10.5 306.°99 1.°0/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.95	− 0 50.2	1.512	2.309	17.8	20.9
2 11	11 43.65	− 0 40.7	1.410	2.289	14.4	20.7
2 21	11 38.56	− 0 11.4	1.328	2.268	10.1	20.3
3 2	11 31.11	+ 0 35.8	1.268	2.248	5.2	20.0
3 12	11 22.26	+ 1 35.2	1.234	2.228	1.1	19.7
3 22	11 13.24	+ 2 38.9	1.227	2.208	6.1	19.9
4 1	11 5.40	+ 3 37.8	1.244	2.189	11.3	20.2
4 11	10 59.86	+ 4 24.0	1.283	2.170	16.1	20.4

34433 2000 SE_{37} 3 10.5 292.°76 1.°1/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.00	+ 4 40.8	2.263	3.054	12.8	19.6
2 11	11 41.75	+ 5 14.7	2.164	3.043	10.0	19.3
2 21	11 36.58	+ 5 59.5	2.089	3.033	6.7	19.1
3 2	11 29.93	+ 6 51.5	2.040	3.022	3.1	18.9
3 12	11 22.50	+ 7 45.1	2.020	3.012	1.6	18.7
3 22	11 15.09	+ 8 34.8	2.030	3.001	5.1	19.0
4 1	11 8.51	+ 9 15.5	2.067	2.991	8.8	19.2
4 11	11 3.46	+ 9 43.6	2.128	2.981	12.0	19.3

424652 2008 QS_{20} 3 10.5 275.°74 5.°1/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.46	−11 8.6	1.995	2.722	16.4	20.7
2 11	11 44.11	−11 34.2	1.887	2.709	13.9	20.4
2 21	11 38.45	−11 40.1	1.799	2.696	10.8	20.2
3 2	11 30.92	−11 24.6	1.734	2.682	7.6	20.0
3 12	11 22.31	−10 49.0	1.695	2.669	5.3	19.8
3 22	11 13.59	− 9 57.4	1.683	2.656	5.9	19.8
4 1	11 5.81	− 8 56.0	1.699	2.642	9.0	20.0
4 11	10 59.84	− 7 52.7	1.740	2.628	12.4	20.1

117183 2004 RY_{78} 3 10.5 44.°23 2.°2/12.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.56	− 6 9.3	1.288	2.080	20.6	18.9
2 11	11 42.59	− 5 32.4	1.220	2.092	16.6	18.6
2 21	11 37.70	− 4 25.7	1.170	2.104	11.8	18.4
3 2	11 30.57	− 2 53.0	1.142	2.117	6.5	18.1
3 12	11 22.39	− 1 3.5	1.139	2.131	2.2	17.9
3 22	11 14.51	+ 0 50.3	1.162	2.145	5.9	18.2
4 1	11 8.20	+ 2 35.6	1.210	2.159	11.1	18.5
4 11	11 4.36	+ 4 2.4	1.280	2.174	15.6	18.8

211462 2003 BE_{92} 3 10.5 233.°51 2.°1/12.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.11	− 3 44.3	2.505	3.251	12.9	20.3
2 11	11 43.94	− 3 56.2	2.403	3.248	10.5	20.1
2 21	11 37.94	− 3 55.7	2.323	3.244	7.6	19.9
3 2	11 30.54	− 3 43.6	2.270	3.239	4.4	19.7
3 12	11 22.40	− 3 22.5	2.246	3.235	2.1	19.6
3 22	11 14.29	− 2 55.8	2.252	3.231	4.0	19.7
4 1	11 6.97	− 2 27.6	2.287	3.226	7.2	19.9
4 11	11 1.08	− 2 2.2	2.348	3.222	10.2	20.0

374136 2004 TW_{132} 3 10.5 194.°90 3.°3/14.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.60	− 8 39.1	2.491	3.213	13.6	21.7
2 11	11 44.36	− 8 44.9	2.387	3.211	11.3	21.5
2 21	11 38.25	− 8 34.7	2.305	3.208	8.5	21.3
3 2	11 30.70	− 8 8.7	2.248	3.205	5.5	21.1
3 12	11 22.38	− 7 29.4	2.220	3.201	3.4	21.0
3 22	11 14.08	− 6 40.5	2.221	3.196	4.4	21.0
4 1	11 6.58	− 5 47.3	2.252	3.191	7.3	21.2
4 11	11 0.54	− 4 55.4	2.309	3.186	10.3	21.4

192656 1999 RF_{121} 3 10.5 249.°65 1.°7/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.16	− 5 23.0	2.399	3.145	13.5	21.1
2 11	11 42.65	− 4 50.3	2.280	3.126	10.9	20.8
2 21	11 37.23	− 3 59.7	2.184	3.106	7.9	20.6
3 2	11 30.28	− 2 52.9	2.114	3.086	4.4	20.4
3 12	11 22.45	− 1 34.0	2.074	3.065	1.7	20.1
3 22	11 14.53	− 0 8.8	2.063	3.043	4.2	20.3
4 1	11 7.34	+ 1 15.6	2.083	3.021	7.8	20.5
4 11	11 1.60	+ 2 32.7	2.128	2.998	11.3	20.6

228023 2008 FZ_{69} 3 10.5 209.°20 4.°6/ 5.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.04	+16 16.8	2.321	3.121	12.3	20.9
2 11	11 47.17	+17 8.9	2.233	3.115	9.6	20.7
2 21	11 40.19	+18 3.9	2.170	3.109	6.8	20.6
3 2	11 31.61	+18 55.5	2.134	3.102	4.8	20.4
3 12	11 22.23	+19 37.0	2.128	3.094	5.2	20.4
3 22	11 12.94	+20 3.5	2.150	3.085	7.7	20.6
4 1	11 4.65	+20 12.2	2.200	3.076	10.6	20.7
4 11	10 58.07	+20 2.4	2.273	3.067	13.3	20.9

123051 2000 SN_{295} 3 10.5 85.°38 5.°5/ 5.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.67	+18 55.9	1.977	2.780	14.0	19.2
2 11	11 50.74	+19 37.2	1.922	2.803	11.0	19.0
2 21	11 42.46	+20 17.4	1.891	2.827	7.9	18.9
3 2	11 32.57	+20 49.4	1.887	2.850	5.8	18.8
3 12	11 22.09	+21 6.8	1.911	2.873	6.1	18.9
3 22	11 12.10	+21 6.1	1.963	2.895	8.5	19.1
4 1	11 3.57	+20 46.2	2.042	2.917	11.3	19.3
4 11	10 57.15	+20 8.8	2.143	2.939	13.9	19.5

139859 2001 RR_{64} 3 10.5 63.°95 2.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.98	− 4 50.5	2.246	2.995	14.2	19.6
2 11	11 44.00	− 5 4.7	2.154	2.999	11.5	19.5
2 21	11 38.05	− 5 4.4	2.085	3.003	8.4	19.3
3 2	11 30.60	− 4 50.5	2.041	3.008	5.0	19.1
3 12	11 22.41	− 4 25.7	2.025	3.012	2.6	18.9
3 22	11 14.31	− 3 54.0	2.038	3.017	4.3	19.0
4 1	11 7.13	− 3 20.1	2.080	3.022	7.6	19.2
4 11	11 1.55	− 2 49.1	2.147	3.026	10.8	19.4

10607 Amandahatton 3 10.5 235.°25 6.°7/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.00	+21 44.4	2.211	3.020	12.5	18.3
2 11	11 46.61	+23 1.1	2.127	3.008	10.1	18.1
2 21	11 39.96	+24 18.1	2.068	2.996	7.8	17.9
3 2	11 31.55	+25 27.2	2.035	2.984	6.7	17.8
3 12	11 22.24	+26 20.4	2.031	2.971	7.5	17.8
3 22	11 13.00	+26 52.1	2.054	2.957	9.8	18.0
4 1	11 4.82	+26 59.7	2.101	2.943	12.4	18.1
4 11	10 58.47	+26 43.8	2.170	2.929	14.9	18.2

341742 2007 VB_{266} 3 10.5 101.°62 5.°4/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.59	−15 16.7	2.418	3.110	14.7	20.6
2 11	11 42.10	−15 36.2	2.322	3.114	12.6	20.4
2 21	11 36.76	−15 36.3	2.246	3.119	10.1	20.3
3 2	11 30.00	−15 15.9	2.193	3.123	7.5	20.1
3 12	11 22.53	−14 36.6	2.167	3.127	5.6	20.0
3 22	11 15.11	−13 41.8	2.169	3.132	5.7	20.0
4 1	11 8.52	−12 37.0	2.199	3.136	7.6	20.1
4 11	11 3.43	−11 29.0	2.255	3.140	10.1	20.3

239924 2000 UR_{40} 3 10.5 195.°15 2.°9/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.10	+ 9 9.3	2.132	2.924	13.5	21.6
2 11	11 47.38	+10 2.3	2.040	2.921	10.5	21.3
2 21	11 40.43	+11 4.4	1.973	2.917	7.0	21.1
3 2	11 31.77	+12 9.7	1.934	2.913	3.7	20.9
3 12	11 22.22	+13 11.3	1.924	2.908	3.4	20.9
3 22	11 12.74	+14 2.5	1.944	2.902	6.6	21.1
4 1	11 4.30	+14 38.7	1.992	2.895	10.2	21.3
4 11	10 57.67	+14 57.4	2.063	2.887	13.4	21.5

263661 2008 GS_{103} 3 10.5 61.°88 1.°2/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.89	− 5 6.8	1.608	2.386	17.7	20.3
2 11	11 42.24	− 4 10.8	1.535	2.401	14.2	20.1
2 21	11 37.15	− 2 50.0	1.484	2.417	9.9	19.9
3 2	11 30.24	− 1 9.0	1.456	2.433	5.1	19.7
3 12	11 22.50	+ 0 43.5	1.456	2.449	1.3	19.4
3 22	11 15.02	+ 2 36.8	1.484	2.465	5.2	19.8
4 1	11 8.82	+ 4 20.4	1.539	2.481	9.8	20.0
4 11	11 4.68	+ 5 46.6	1.618	2.498	13.7	20.3

21897 1999 VG_7 3 10.5 225.°80 0.°4/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.37	+ 2 37.5	2.111	2.895	13.9	19.6
2 11	11 43.70	+ 3 4.0	2.018	2.892	10.9	19.4
2 21	11 37.95	+ 3 43.1	1.948	2.888	7.4	19.2
3 2	11 30.60	+ 4 31.2	1.904	2.885	3.4	18.9
3 12	11 22.43	+ 5 22.9	1.888	2.881	0.9	18.7
3 22	11 14.33	+ 6 12.5	1.902	2.878	5.0	19.0
4 1	11 7.18	+ 6 54.4	1.944	2.874	8.9	19.2
4 11	11 1.72	+ 7 24.7	2.010	2.870	12.3	19.4

89916 2002 EN_{32} 3 10.5 239.°40 4.°8/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.08	+12 48.9	1.766	2.579	15.0	20.0
2 11	11 47.17	+13 53.5	1.677	2.568	11.7	19.8
2 21	11 40.62	+15 6.7	1.611	2.557	8.1	19.5
3 2	11 31.97	+16 20.4	1.571	2.546	5.2	19.3
3 12	11 22.19	+17 25.3	1.559	2.534	5.5	19.3
3 22	11 12.44	+18 13.5	1.574	2.522	8.9	19.5
4 1	11 3.93	+18 39.8	1.615	2.509	12.7	19.7
4 11	10 57.57	+18 42.6	1.677	2.496	16.2	19.9

159389 1998 QW_3 3 10.5 244.°80 0.°6/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.32	− 1 32.3	2.784	3.535	11.7	21.3
2 11	11 43.26	− 1 2.2	2.661	3.513	9.3	21.1
2 21	11 37.48	− 0 19.0	2.562	3.491	6.5	20.9
3 2	11 30.36	+ 0 35.1	2.491	3.468	3.3	20.6
3 12	11 22.47	+ 1 36.3	2.451	3.444	0.7	20.4
3 22	11 14.48	+ 2 40.0	2.441	3.419	3.8	20.6
4 1	11 7.12	+ 3 40.9	2.462	3.393	7.2	20.7
4 11	11 1.00	+ 4 34.5	2.509	3.367	10.2	20.9

500357 2012 TT_{18} 3 10.5 132.°40 0.°1/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.43	+ 1 49.2	2.721	3.489	11.5	22.9
2 11	11 42.35	+ 2 18.0	2.636	3.501	9.0	22.7
2 21	11 36.70	+ 2 56.9	2.575	3.512	6.0	22.6
3 2	11 29.91	+ 3 42.7	2.543	3.523	2.8	22.4
3 12	11 22.58	+ 4 31.4	2.540	3.533	0.6	22.2
3 22	11 15.37	+ 5 18.6	2.568	3.543	3.9	22.5
4 1	11 8.94	+ 6 0.1	2.625	3.553	7.0	22.7
4 11	11 3.80	+ 6 32.9	2.708	3.562	9.7	22.9

153920 2001 YW_{20} 3 10.5 125.°07 1.°0/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.42	+ 4 13.5	1.937	2.727	14.7	21.2
2 11	11 45.39	+ 4 42.0	1.856	2.734	11.5	21.0
2 21	11 39.11	+ 5 22.6	1.797	2.740	7.7	20.8
3 2	11 31.14	+ 6 10.8	1.764	2.746	3.5	20.6
3 12	11 22.35	+ 7 0.6	1.759	2.751	1.5	20.4
3 22	11 13.74	+ 7 45.7	1.784	2.757	5.5	20.7
4 1	11 6.25	+ 8 20.9	1.835	2.762	9.5	21.0
4 11	11 0.64	+ 8 42.7	1.911	2.767	13.0	21.2

328712 2009 TA_{13} 3 10.5 159.°94 7.°2/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.64	+26 18.4	2.436	3.234	11.8	21.5
2 11	11 48.30	+27 33.5	2.373	3.241	9.7	21.4
2 21	11 40.85	+28 44.1	2.335	3.248	7.9	21.3
3 2	11 31.88	+29 42.3	2.325	3.254	7.2	21.2
3 12	11 22.24	+30 21.9	2.343	3.259	8.0	21.3
3 22	11 12.85	+30 38.9	2.387	3.264	9.8	21.4
4 1	11 4.59	+30 32.5	2.457	3.268	11.8	21.5
4 11	10 58.13	+30 4.4	2.547	3.271	13.8	21.7

327893 2007 BC_{58} 3 10.5 41.°90 3.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.63	+ 6 53.5	1.447	2.270	17.2	19.9
2 11	11 43.04	+ 8 6.1	1.388	2.285	13.2	19.7
2 21	11 37.78	+ 9 33.1	1.349	2.301	8.7	19.5
3 2	11 30.56	+11 5.5	1.336	2.318	4.4	19.2
3 12	11 22.47	+12 32.5	1.349	2.335	4.0	19.3
3 22	11 14.74	+13 44.6	1.389	2.353	8.0	19.5
4 1	11 8.48	+14 35.0	1.453	2.371	12.2	19.8
4 11	11 4.48	+15 1.4	1.538	2.389	15.8	20.1

105267 2000 QB_{22} 3 10.5 130.°62 0.°3/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.23	+ 0 51.2	1.803	2.580	16.2	20.9
2 11	11 48.48	+ 1 6.0	1.725	2.593	12.8	20.7
2 21	11 41.25	+ 1 35.7	1.668	2.605	8.7	20.5
3 2	11 32.16	+ 2 16.8	1.637	2.616	4.2	20.2
3 12	11 22.19	+ 3 3.6	1.634	2.627	0.7	20.0
3 22	11 12.46	+ 3 49.8	1.660	2.638	5.3	20.3
4 1	11 4.03	+ 4 29.2	1.714	2.648	9.6	20.6
4 11	10 57.70	+ 4 57.3	1.791	2.657	13.3	20.9

498246 2007 UF_{90} 3 10.5 90.°14 0.°1/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.28	+ 2 1.2	2.354	3.129	12.9	22.2
2 11	11 43.22	+ 2 26.8	2.278	3.146	10.0	22.0
2 21	11 37.38	+ 3 3.4	2.225	3.164	6.7	21.8
3 2	11 30.24	+ 3 47.7	2.200	3.181	3.1	21.6
3 12	11 22.54	+ 4 34.8	2.204	3.197	0.6	21.5
3 22	11 15.02	+ 5 19.9	2.238	3.214	4.3	21.8
4 1	11 8.44	+ 5 58.4	2.301	3.231	7.7	22.0
4 11	11 3.37	+ 6 27.1	2.389	3.247	10.7	22.2

436742 2011 VG_{16} 3 10.5 244.°49 5.°2/ 3.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.40	+21 57.0	2.897	3.696	10.1	21.6
2 11	11 44.79	+22 51.3	2.805	3.680	8.1	21.4
2 21	11 38.44	+23 44.7	2.737	3.664	6.2	21.3
3 2	11 30.78	+24 31.7	2.699	3.647	5.2	21.2
3 12	11 22.43	+25 6.9	2.689	3.630	5.8	21.2
3 22	11 14.13	+25 26.4	2.708	3.613	7.7	21.3
4 1	11 6.59	+25 28.4	2.754	3.595	9.8	21.4
4 11	11 0.43	+25 12.7	2.822	3.576	11.9	21.5

295270 2008 GQ_{72} 3 10.5 259.°82 0.°5/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.85	− 0 38.0	2.050	2.823	14.6	22.3
2 11	11 44.33	− 0 10.8	1.938	2.804	11.7	22.1
2 21	11 38.58	+ 0 32.8	1.849	2.784	8.1	21.8
3 2	11 31.00	+ 1 30.2	1.785	2.764	4.0	21.5
3 12	11 22.37	+ 2 36.4	1.750	2.743	0.7	21.2
3 22	11 13.62	+ 3 44.6	1.743	2.722	5.0	21.5
4 1	11 5.75	+ 4 47.9	1.765	2.700	9.3	21.7
4 11	10 59.62	+ 5 40.2	1.811	2.678	13.1	21.9

503426 2016 EY_{17} 3 10.5 242.°32 5.°4/ 4.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.99	+14 2.9	1.964	2.780	13.6	21.0
2 11	11 43.73	+15 42.9	1.877	2.769	10.6	20.7
2 21	11 38.17	+17 31.7	1.814	2.759	7.5	20.5
3 2	11 30.79	+19 20.4	1.779	2.748	5.5	20.4
3 12	11 22.42	+20 58.8	1.773	2.736	6.3	20.4
3 22	11 14.07	+22 18.5	1.794	2.725	9.3	20.6
4 1	11 6.75	+23 13.7	1.841	2.712	12.6	20.7
4 11	11 1.30	+23 42.7	1.909	2.700	15.6	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
144728	2004 GE_{37}		3 10.5	299.°01	4.°2/15.3	17
	h m	° ′			°	m
2 1	11 43.61	−11 32.0	2.274	2.997	14.7	20.5
2 11	11 40.75	−11 32.8	2.167	2.987	12.4	20.3
2 21	11 35.98	−11 13.9	2.080	2.977	9.6	20.1
3 2	11 29.71	−10 35.0	2.017	2.967	6.6	19.9
3 12	11 22.62	− 9 38.4	1.981	2.958	4.4	19.7
3 22	11 15.51	− 8 28.8	1.974	2.948	4.9	19.7
4 1	11 9.20	− 7 12.6	1.994	2.939	7.7	19.9
4 11	11 4.41	− 5 56.9	2.041	2.930	10.8	20.1
187808	1999 RA_{214}		3 10.5	160.°96	0.°8/ 9.8	18
2 1	11 50.83	+ 1 39.0	1.559	2.353	17.5	20.8
2 11	11 47.11	+ 2 27.4	1.478	2.358	13.8	20.6
2 21	11 40.62	+ 3 34.9	1.418	2.362	9.3	20.3
3 2	11 31.97	+ 4 56.1	1.383	2.365	4.2	20.1
3 12	11 22.23	+ 6 22.0	1.376	2.369	1.5	19.9
3 22	11 12.66	+ 7 43.0	1.396	2.371	6.5	20.2
4 1	11 4.49	+ 8 50.3	1.443	2.373	11.3	20.5
4 11	10 58.65	+ 9 38.3	1.512	2.375	15.5	20.7
7238	Kobori		3 10.5	251.°83	2.°8/12.9	18
2 1	11 49.02	− 5 34.9	1.725	2.488	17.3	17.4
2 11	11 45.68	− 5 33.7	1.622	2.476	14.2	17.1
2 21	11 39.72	− 5 11.6	1.540	2.463	10.4	16.9
3 2	11 31.61	− 4 29.2	1.481	2.451	6.1	16.6
3 12	11 22.28	− 3 30.3	1.448	2.437	2.9	16.3
3 22	11 12.84	− 2 21.7	1.444	2.424	5.4	16.5
4 1	11 4.52	− 1 11.6	1.466	2.410	9.9	16.7
4 11	10 58.31	− 0 8.5	1.511	2.396	14.2	16.9
158987	2004 RC_{342}		3 10.5	117.°74	2.°1/12.9	18
2 1	11 45.63	− 6 41.7	2.162	2.910	14.7	20.4
2 11	11 42.23	− 6 7.4	2.075	2.920	11.9	20.2
2 21	11 36.88	− 5 13.7	2.010	2.930	8.6	20.0
3 2	11 30.07	− 4 3.1	1.970	2.939	4.9	19.8
3 12	11 22.57	− 2 40.6	1.959	2.949	2.1	19.7
3 22	11 15.21	− 1 12.9	1.978	2.958	4.2	19.8
4 1	11 8.79	+ 0 12.4	2.025	2.967	7.8	20.0
4 11	11 3.98	+ 1 29.0	2.098	2.975	11.1	20.3
419535	2010 LS_4		3 10.5	242.°84	3.°9/13.7	16
2 1	11 53.14	− 7 36.5	2.080	2.811	15.7	21.5
2 11	11 48.53	− 8 1.2	1.963	2.793	13.1	21.3
2 21	11 41.49	− 8 9.3	1.867	2.774	9.9	21.0
3 2	11 32.42	− 7 59.9	1.796	2.755	6.5	20.8
3 12	11 22.14	− 7 34.5	1.753	2.735	4.0	20.6
3 22	11 11.64	− 6 56.7	1.739	2.714	5.4	20.6
4 1	11 2.05	− 6 12.1	1.753	2.693	9.0	20.8
4 11	10 54.29	− 5 27.4	1.793	2.670	12.7	21.0
233599	2007 RN_{158}		3 10.5	154.°14	1.°2/ 9.1	17
2 1	11 47.36	+ 5 25.8	2.460	3.244	12.1	21.4
2 11	11 43.31	+ 5 59.8	2.374	3.249	9.4	21.3
2 21	11 37.48	+ 6 42.9	2.311	3.254	6.2	21.1
3 2	11 30.33	+ 7 31.1	2.276	3.258	2.9	20.8
3 12	11 22.54	+ 8 19.5	2.271	3.262	1.6	20.8
3 22	11 14.87	+ 9 3.2	2.296	3.266	4.8	21.0
4 1	11 8.06	+ 9 38.0	2.349	3.269	8.1	21.2
4 11	11 2.69	+10 1.0	2.428	3.272	11.0	21.4
331781	2003 FQ_{131}		3 10.5	5.°78	1.°4/11.9	18
2 1	11 38.58	− 6 2.9	1.360	2.158	19.4	19.5
2 11	11 37.88	− 5 4.0	1.281	2.158	15.6	19.3
2 21	11 34.55	− 3 33.7	1.221	2.159	11.0	19.0
3 2	11 29.16	− 1 36.3	1.184	2.162	5.8	18.7
3 12	11 22.73	+ 0 38.2	1.173	2.165	1.4	18.4
3 22	11 16.45	+ 2 56.0	1.187	2.170	5.8	18.7
4 1	11 11.49	+ 5 3.0	1.227	2.176	11.0	19.0
4 11	11 8.75	+ 6 48.3	1.290	2.183	15.6	19.3
191710	2004 RW_{195}		3 10.5	241.°12	3.°0/13.3	17
2 1	11 49.37	− 5 58.6	2.130	2.875	15.0	20.7
2 11	11 45.37	− 6 13.1	2.026	2.866	12.3	20.5
2 21	11 39.18	− 6 11.6	1.942	2.858	9.1	20.2
3 2	11 31.26	− 5 54.4	1.884	2.849	5.6	20.0
3 12	11 22.38	− 5 23.9	1.854	2.839	3.1	19.8
3 22	11 13.46	− 4 44.4	1.852	2.830	4.8	19.9
4 1	11 5.45	− 4 1.2	1.878	2.820	8.3	20.1
4 11	10 59.17	− 3 20.4	1.930	2.810	11.8	20.3
332673	2009 BV_{38}		3 10.5	77.°65	4.°2/ 5.3	18
2 1	11 47.87	+13 14.4	2.263	3.068	12.4	20.8
2 11	11 43.70	+14 41.5	2.213	3.100	9.5	20.7
2 21	11 37.68	+16 12.6	2.188	3.131	6.5	20.6
3 2	11 30.37	+17 40.5	2.191	3.162	4.4	20.5
3 12	11 22.57	+18 57.8	2.225	3.193	4.8	20.6
3 22	11 15.07	+19 59.1	2.287	3.223	7.2	20.8
4 1	11 8.62	+20 41.1	2.376	3.252	9.9	21.0
4 11	11 3.77	+21 3.2	2.488	3.281	12.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
153899	2001 XJ_{215}		3 10.5	79.°44	0.°2/10.7	18
	h m	° ′			°	m
2 1	11 49.52	− 0 13.2	1.876	2.654	15.6	20.2
2 11	11 45.33	+ 0 25.2	1.813	2.681	12.2	20.1
2 21	11 38.95	+ 1 19.3	1.772	2.709	8.2	19.9
3 2	11 31.02	+ 2 24.7	1.756	2.736	3.9	19.7
3 12	11 22.46	+ 3 34.6	1.770	2.763	0.6	19.5
3 22	11 14.23	+ 4 41.8	1.812	2.790	4.9	19.8
4 1	11 7.25	+ 5 40.1	1.882	2.816	8.9	20.1
4 11	11 2.16	+ 6 24.9	1.977	2.841	12.3	20.4
58092	4053 T_{-3}		3 10.5	90.°82	0.°7/ 9.6	18
2 1	11 44.80	+ 3 6.3	2.451	3.233	12.2	19.4
2 11	11 41.30	+ 3 48.9	2.371	3.244	9.5	19.3
2 21	11 36.11	+ 4 42.3	2.315	3.256	6.3	19.1
3 2	11 29.68	+ 5 42.6	2.286	3.268	2.9	18.9
3 12	11 22.69	+ 6 44.5	2.287	3.279	1.1	18.7
3 22	11 15.84	+ 7 42.7	2.318	3.291	4.5	19.0
4 1	11 9.83	+ 8 32.4	2.378	3.302	7.7	19.2
4 11	11 5.22	+ 9 10.2	2.462	3.314	10.6	19.4
458818	2011 TG_8		3 10.5	205.°51	0.°0/10.4	18
2 1	11 49.52	− 0 32.0	1.870	2.647	15.7	21.9
2 11	11 45.74	+ 0 14.2	1.774	2.642	12.4	21.7
2 21	11 39.56	+ 1 19.1	1.699	2.637	8.5	21.4
3 2	11 31.48	+ 2 39.0	1.650	2.630	4.1	21.2
3 12	11 22.37	+ 4 6.8	1.630	2.624	0.7	20.9
3 22	11 13.27	+ 5 33.9	1.639	2.616	5.5	21.2
4 1	11 5.25	+ 6 52.3	1.676	2.608	9.9	21.4
4 11	10 59.18	+ 7 55.4	1.737	2.599	13.8	21.7
87947	2000 SJ_{360}		3 10.5	115.°24	6.°1/ 3.6	18
2 1	11 48.79	+18 10.5	2.016	2.832	13.3	20.2
2 11	11 44.88	+19 42.9	1.954	2.843	10.4	20.0
2 21	11 38.74	+21 17.3	1.916	2.854	7.7	19.8
3 2	11 30.98	+22 44.9	1.906	2.864	6.2	19.8
3 12	11 22.48	+23 57.1	1.924	2.875	7.0	19.8
3 22	11 14.21	+24 47.7	1.969	2.885	9.4	20.0
4 1	11 7.12	+25 13.9	2.038	2.895	12.2	20.2
4 11	11 1.90	+25 16.1	2.129	2.904	14.7	20.4
31621	1999 GH_{19}		3 10.5	268.°78	0.°4/11.1	18
2 1	11 43.99	− 1 24.4	2.464	3.230	12.6	19.1
2 11	11 40.89	− 0 43.9	2.351	3.213	10.0	18.8
2 21	11 36.01	+ 0 11.8	2.261	3.195	6.9	18.6
3 2	11 29.73	+ 1 19.9	2.199	3.177	3.4	18.4
3 12	11 22.68	+ 2 35.7	2.165	3.159	0.6	18.1
3 22	11 15.57	+ 3 53.2	2.162	3.140	4.2	18.3
4 1	11 9.17	+ 5 6.3	2.188	3.121	7.8	18.5
4 11	11 4.13	+ 6 9.5	2.239	3.103	11.1	18.7
469154	2015 GQ_{27}		3 10.5	257.°03	1.°8/12.8	17
2 1	11 43.56	− 5 43.1	2.482	3.230	13.0	21.6
2 11	11 40.50	− 5 14.5	2.375	3.221	10.6	21.4
2 21	11 35.70	− 4 29.2	2.291	3.212	7.6	21.2
3 2	11 29.56	− 3 29.0	2.233	3.203	4.4	21.0
3 12	11 22.72	− 2 17.8	2.203	3.193	1.8	20.8
3 22	11 15.87	− 1 1.2	2.204	3.184	3.9	20.9
4 1	11 9.76	+ 0 14.8	2.233	3.174	7.2	21.1
4 11	11 5.01	+ 1 24.3	2.289	3.165	10.4	21.3
485057	2010 CK_{183}		3 10.5	287.°49	0.°0/10.5	17
2 1	11 46.94	+ 0 20.0	1.440	2.243	18.3	21.4
2 11	11 44.59	+ 0 51.7	1.342	2.225	14.6	21.1
2 21	11 39.32	+ 1 45.6	1.263	2.207	10.1	20.8
3 2	11 31.57	+ 2 58.1	1.207	2.189	4.8	20.4
3 12	11 22.35	+ 4 21.4	1.178	2.171	0.9	20.1
3 22	11 12.98	+ 5 45.3	1.174	2.153	6.7	20.4
4 1	11 4.88	+ 6 59.2	1.195	2.135	12.2	20.7
4 11	10 59.22	+ 7 54.9	1.238	2.117	17.1	20.9
479592	2014 DD_4		3 10.5	319.°34	6.°7/14.6	18
2 1	11 54.94	−10 39.0	2.054	2.766	16.4	20.4
2 11	11 50.15	−12 9.1	1.936	2.745	14.1	20.1
2 21	11 42.75	−13 26.9	1.839	2.724	11.3	19.9
3 2	11 33.13	−14 28.9	1.767	2.703	8.6	19.7
3 12	11 22.08	−15 12.5	1.722	2.683	6.8	19.5
3 22	11 10.69	−15 37.3	1.705	2.663	7.4	19.5
4 1	11 0.16	−15 46.0	1.716	2.643	10.0	19.6
4 11	10 51.54	−15 43.7	1.752	2.625	13.2	19.8
62967	2000 VM_{45}		3 10.5	11.°65	3.°7/ 8.1	18
2 1	11 51.33	+10 18.9	1.326	2.152	18.3	18.8
2 11	11 47.98	+10 47.3	1.255	2.153	14.3	18.6
2 21	11 41.45	+11 25.4	1.204	2.155	9.6	18.3
3 2	11 32.44	+12 5.9	1.176	2.157	5.1	18.0
3 12	11 22.24	+12 39.5	1.173	2.159	4.3	18.0
3 22	11 12.32	+12 58.6	1.196	2.163	8.6	18.3
4 1	11 4.11	+12 58.6	1.243	2.166	13.3	18.5
4 11	10 58.61	+12 38.2	1.310	2.171	17.5	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
455568	2004 RN_{31}		3 10.5	175.°88	0.°7/ 9.9	18
	h m	° ′			°	m
2 1	11 52.56	+ 3 5.7	1.870	2.652	15.4	22.1
2 11	11 48.02	+ 3 35.3	1.782	2.655	12.1	21.9
2 21	11 41.02	+ 4 18.7	1.717	2.657	8.2	21.7
3 2	11 32.14	+ 5 11.6	1.677	2.659	3.8	21.4
3 12	11 22.29	+ 6 7.7	1.667	2.659	1.2	21.2
3 22	11 12.56	+ 7 0.1	1.685	2.659	5.7	21.5
4 1	11 4.03	+ 7 42.7	1.731	2.659	9.9	21.8
4 11	10 57.52	+ 8 11.3	1.801	2.657	13.7	22.0
29955	1999 JE_{90}		3 10.5	335.°02	4.°1/ 5.7	18
2 1	11 44.84	+12 50.1	2.161	2.974	12.6	18.7
2 11	11 41.72	+14 1.4	2.080	2.972	9.7	18.5
2 21	11 36.62	+15 19.2	2.024	2.970	6.7	18.3
3 2	11 30.02	+16 36.8	1.995	2.969	4.4	18.1
3 12	11 22.67	+17 46.7	1.995	2.967	4.8	18.2
3 22	11 15.42	+18 42.5	2.022	2.965	7.5	18.3
4 1	11 9.12	+19 19.9	2.076	2.964	10.6	18.5
4 11	11 4.45	+19 37.2	2.152	2.962	13.4	18.7
50840	2000 FQ_{43}		3 10.5	58.°21	1.°3/ 9.0	18
2 1	11 43.76	+ 2 9.4	1.950	2.744	14.5	18.6
2 11	11 40.97	+ 3 24.0	1.875	2.756	11.2	18.4
2 21	11 36.13	+ 4 54.6	1.823	2.768	7.4	18.2
3 2	11 29.77	+ 6 35.0	1.798	2.781	3.3	17.9
3 12	11 22.72	+ 8 16.9	1.802	2.793	1.8	17.8
3 22	11 15.84	+ 9 51.6	1.835	2.806	5.7	18.1
4 1	11 10.00	+11 12.1	1.896	2.819	9.5	18.4
4 11	11 5.85	+12 13.9	1.981	2.832	12.8	18.6
36093	1999 RA_{103}		3 10.5	186.°54	2.°5/13.8	18
2 1	11 45.01	− 7 35.7	2.903	3.628	11.8	18.6
2 11	11 41.29	− 7 30.3	2.800	3.628	9.7	18.5
2 21	11 36.06	− 7 11.2	2.720	3.627	7.2	18.3
3 2	11 29.69	− 6 39.1	2.666	3.626	4.5	18.1
3 12	11 22.73	− 5 56.7	2.641	3.625	2.6	18.0
3 22	11 15.81	− 5 7.6	2.646	3.623	3.6	18.1
4 1	11 9.55	− 4 16.0	2.681	3.622	6.2	18.2
4 11	11 4.47	− 3 26.5	2.743	3.620	8.8	18.4
159643	2002 CG_{133}		3 10.5	297.°63	0.°9/11.3	17
2 1	11 49.87	+ 0 49.6	1.870	2.650	15.5	19.6
2 11	11 46.07	+ 0 41.6	1.770	2.639	12.4	19.4
2 21	11 39.83	+ 0 46.6	1.692	2.628	8.7	19.1
3 2	11 31.64	+ 1 2.6	1.639	2.617	4.4	18.8
3 12	11 22.38	+ 1 25.8	1.614	2.607	1.0	18.6
3 22	11 13.10	+ 1 51.2	1.617	2.596	5.1	18.8
4 1	11 4.89	+ 2 13.6	1.647	2.586	9.5	19.1
4 11	10 58.63	+ 2 28.1	1.701	2.576	13.4	19.3
402267	2005 QE_{166}		3 10.5	43.°79	2.°7/13.1	15
2 1	11 54.99	− 9 41.4	1.376	2.129	21.4	20.4
2 11	11 49.75	− 8 35.6	1.346	2.192	17.0	20.3
2 21	11 41.85	− 7 1.4	1.336	2.256	12.0	20.1
3 2	11 32.27	− 5 5.6	1.349	2.318	6.7	20.0
3 12	11 22.35	− 2 59.4	1.390	2.380	2.7	19.9
3 22	11 13.34	− 0 55.3	1.460	2.441	5.3	20.2
4 1	11 6.23	+ 0 55.9	1.557	2.501	9.6	20.6
4 11	11 1.58	+ 2 27.2	1.679	2.560	13.2	20.9
198656	2005 BH_{13}		3 10.5	71.°48	1.°7/ 8.8	18
2 1	11 47.06	+ 6 4.8	2.034	2.831	13.9	20.4
2 11	11 43.51	+ 6 43.3	1.950	2.833	10.8	20.2
2 21	11 37.85	+ 7 32.5	1.890	2.836	7.1	20.0
3 2	11 30.61	+ 8 27.4	1.856	2.838	3.3	19.7
3 12	11 22.59	+ 9 21.8	1.851	2.841	2.2	19.7
3 22	11 14.70	+10 9.6	1.874	2.843	5.8	19.9
4 1	11 7.83	+10 45.7	1.924	2.846	9.5	20.1
4 11	11 2.70	+11 7.0	1.999	2.848	12.8	20.3
33767	1999 RK_{102}		3 10.5	213.°49	4.°7/15.3	18
2 1	11 49.73	−11 51.2	2.429	3.132	14.4	19.5
2 11	11 45.42	−12 17.3	2.321	3.126	12.2	19.3
2 21	11 39.12	−12 26.6	2.233	3.120	9.5	19.1
3 2	11 31.24	−12 18.1	2.170	3.112	6.8	19.0
3 12	11 22.49	−11 52.7	2.135	3.105	4.8	18.8
3 22	11 13.69	−11 13.6	2.129	3.097	5.3	18.8
4 1	11 5.70	−10 25.5	2.152	3.088	7.7	19.0
4 11	10 59.25	− 9 34.7	2.200	3.079	10.6	19.1
171983	2001 TX_{161}		3 10.5	139.°34	0.°5/11.1	17
2 1	11 46.60	− 0 3.7	2.547	3.312	12.3	21.5
2 11	11 42.68	+ 0 15.1	2.458	3.318	9.7	21.3
2 21	11 37.06	+ 0 45.5	2.391	3.324	6.7	21.1
3 2	11 30.18	+ 1 24.9	2.352	3.330	3.3	20.9
3 12	11 22.69	+ 2 9.4	2.342	3.336	0.6	20.7
3 22	11 15.30	+ 2 54.3	2.363	3.341	3.9	20.9
4 1	11 8.72	+ 3 35.4	2.412	3.346	7.2	21.2
4 11	11 3.51	+ 4 8.8	2.488	3.351	10.1	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
329831	2004 RT_{324}		3 10.5	196.°16	4.°3/15.6	17 R
	h m	° ′			°	m
2 1	11 46.95	−12 44.8	2.421	3.125	14.4	21.3
2 11	11 43.22	−12 44.1	2.316	3.123	12.1	21.1
2 21	11 37.59	−12 24.0	2.232	3.120	9.4	20.9
3 2	11 30.50	−11 44.2	2.172	3.117	6.6	20.8
3 12	11 22.63	−10 46.9	2.140	3.113	4.5	20.6
3 22	11 14.77	− 9 36.6	2.137	3.109	4.9	20.6
4 1	11 7.73	− 8 19.5	2.163	3.104	7.4	20.8
4 11	11 2.18	− 7 2.4	2.216	3.099	10.4	20.9
465693	2009 SY_{285}		3 10.5	135.°55	0.°2/10.8	16
2 1	11 48.18	− 0 8.2	2.154	2.925	14.0	22.7
2 11	11 44.21	+ 0 25.6	2.070	2.935	11.1	22.5
2 21	11 38.24	+ 1 14.0	2.009	2.944	7.5	22.3
3 2	11 30.77	+ 2 13.2	1.974	2.953	3.6	22.1
3 12	11 22.59	+ 3 17.9	1.969	2.962	0.5	21.8
3 22	11 14.56	+ 4 21.8	1.993	2.970	4.6	22.2
4 1	11 7.52	+ 5 19.0	2.045	2.978	8.3	22.4
4 11	11 2.13	+ 6 4.8	2.123	2.986	11.6	22.6
353983	2000 GM_{43}		3 10.5	306.°70	1.°1/ 9.8	17
2 1	11 48.20	+ 3 54.6	1.308	2.126	19.0	21.3
2 11	11 45.89	+ 4 12.4	1.215	2.108	15.1	21.0
2 21	11 40.38	+ 4 48.1	1.141	2.090	10.3	20.6
3 2	11 32.15	+ 5 37.2	1.090	2.073	4.8	20.3
3 12	11 22.32	+ 6 31.8	1.064	2.056	1.7	20.0
3 22	11 12.35	+ 7 22.3	1.062	2.040	7.5	20.3
4 1	11 3.82	+ 8 0.0	1.085	2.024	13.2	20.6
4 11	10 58.00	+ 8 18.7	1.127	2.009	18.2	20.8
496838	1998 SS_{40}		3 10.6	186.°40	0.°5/ 9.9	17
2 1	11 47.87	+ 3 12.0	2.311	3.090	13.0	22.4
2 11	11 43.90	+ 3 38.0	2.218	3.090	10.1	22.2
2 21	11 38.02	+ 4 15.1	2.149	3.089	6.8	22.0
3 2	11 30.68	+ 4 59.7	2.107	3.088	3.1	21.8
3 12	11 22.61	+ 5 47.0	2.095	3.088	0.9	21.6
3 22	11 14.62	+ 6 31.8	2.112	3.086	4.7	21.9
4 1	11 7.52	+ 7 9.4	2.157	3.085	8.3	22.1
4 11	11 1.96	+ 7 36.1	2.228	3.083	11.4	22.3
20178	1996 XE_{31}		3 10.6	325.°32	9.°0/17.1	18
2 1	11 46.92	−15 31.1	1.476	2.207	21.1	17.8
2 11	11 44.65	−16 42.2	1.381	2.196	18.4	17.6
2 21	11 39.42	−17 28.1	1.302	2.185	15.2	17.3
3 2	11 31.67	−17 43.7	1.243	2.175	11.9	17.1
3 12	11 22.40	−17 26.8	1.207	2.165	9.4	16.9
3 22	11 12.96	−16 40.0	1.194	2.156	9.4	16.9
4 1	11 4.79	−15 31.0	1.205	2.147	11.9	17.0
4 11	10 59.11	−14 11.4	1.238	2.139	15.5	17.2
130590	2000 RG_{87}		3 10.6	224.°53	0.°5/11.0	18
2 1	11 50.97	− 0 36.3	2.020	2.787	15.0	21.7
2 11	11 46.79	− 0 11.4	1.914	2.776	12.0	21.4
2 21	11 40.26	+ 0 29.7	1.830	2.764	8.3	21.2
3 2	11 31.86	+ 1 24.3	1.772	2.751	4.1	20.9
3 12	11 22.40	+ 2 27.2	1.743	2.737	0.7	20.6
3 22	11 12.87	+ 3 31.7	1.744	2.722	5.0	20.9
4 1	11 4.31	+ 4 30.9	1.773	2.706	9.3	21.1
4 11	10 57.59	+ 5 19.2	1.827	2.690	13.2	21.3
47382	1999 XX_{98}		3 10.6	285.°79	5.°1/ 6.1	18
2 1	11 49.26	+13 9.0	1.628	2.450	15.7	18.3
2 11	11 46.00	+14 12.0	1.542	2.438	12.3	18.0
2 21	11 39.99	+15 23.8	1.479	2.426	8.5	17.8
3 2	11 31.79	+16 35.8	1.440	2.415	5.5	17.6
3 12	11 22.41	+17 38.1	1.428	2.403	5.9	17.5
3 22	11 13.08	+18 22.5	1.443	2.392	9.4	17.7
4 1	11 5.05	+18 43.4	1.481	2.380	13.3	17.9
4 11	10 59.29	+18 39.7	1.541	2.369	17.0	18.1
245017	2004 DM_{39}		3 10.6	106.°38	1.°9/ 8.2	17
2 1	11 44.63	+ 6 3.9	2.242	3.039	12.8	20.8
2 11	11 41.45	+ 7 2.4	2.157	3.041	9.9	20.6
2 21	11 36.38	+ 8 11.9	2.096	3.042	6.5	20.4
3 2	11 29.91	+ 9 27.0	2.063	3.044	3.1	20.2
3 12	11 22.74	+10 41.2	2.058	3.046	2.4	20.2
3 22	11 15.68	+11 48.0	2.083	3.048	5.7	20.4
4 1	11 9.50	+12 42.2	2.135	3.050	9.1	20.6
4 11	11 4.84	+13 20.4	2.212	3.051	12.1	20.8
221095	2005 SK_{96}		3 10.6	194.°67	0.°7/ 9.7	13 C
2 1	11 48.40	+ 2 43.7	2.354	3.130	12.9	22.3
2 11	11 44.31	+ 3 27.1	2.258	3.127	10.1	22.1
2 21	11 38.30	+ 4 22.8	2.185	3.124	6.8	21.9
3 2	11 30.82	+ 5 27.1	2.140	3.121	3.1	21.6
3 12	11 22.59	+ 6 34.3	2.124	3.116	1.2	21.5
3 22	11 14.40	+ 7 38.3	2.139	3.111	4.8	21.7
4 1	11 7.06	+ 8 33.9	2.183	3.106	8.4	21.9
4 11	11 1.26	+ 9 16.8	2.252	3.100	11.6	22.1

19634 1999 RG_{45} 3 10.6 245.°41 1.°1/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.75	− 1 27.2	2.778	3.531	11.6	18.4
2 11	11 42.79	− 1 20.9	2.667	3.519	9.3	18.2
2 21	11 37.17	− 1 3.6	2.578	3.506	6.5	18.0
3 2	11 30.27	− 0 36.8	2.518	3.492	3.5	17.8
3 12	11 22.69	− 0 3.5	2.486	3.479	1.1	17.5
3 22	11 15.08	+ 0 32.6	2.486	3.465	3.6	17.7
4 1	11 8.12	+ 1 7.6	2.514	3.450	6.8	17.9
4 11	11 2.43	+ 1 37.5	2.570	3.436	9.7	18.1

298852 2004 RK_{235} 3 10.6 80.°21 1.°5/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.89	− 2 15.4	1.490	2.271	18.8	21.0
2 11	11 48.59	− 2 4.8	1.427	2.294	15.0	20.8
2 21	11 41.50	− 1 34.2	1.384	2.318	10.4	20.6
3 2	11 32.36	− 0 46.9	1.364	2.341	5.4	20.4
3 12	11 22.35	+ 0 10.6	1.371	2.364	1.5	20.2
3 22	11 12.76	+ 1 10.0	1.406	2.386	5.5	20.5
4 1	11 4.77	+ 2 3.6	1.467	2.409	10.2	20.8
4 11	10 59.21	+ 2 45.2	1.551	2.430	14.2	21.1

145233 2005 JB_{80} 3 10.6 298.°74 0.°5/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.72	+ 0 8.6	2.090	2.869	14.1	20.6
2 11	11 42.63	+ 0 23.8	1.980	2.849	11.3	20.4
2 21	11 37.42	+ 0 53.4	1.893	2.830	7.8	20.1
3 2	11 30.52	+ 1 34.9	1.831	2.810	3.9	19.8
3 12	11 22.64	+ 2 23.8	1.797	2.791	0.7	19.5
3 22	11 14.68	+ 3 14.6	1.792	2.771	4.8	19.8
4 1	11 7.58	+ 4 1.2	1.815	2.752	8.9	20.0
4 11	11 2.12	+ 4 38.4	1.861	2.733	12.6	20.2

385843 2006 JY_{25} 3 10.6 88.°13 17.°0/ 7.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	13 48.14	+15 45.6	0.317	1.134	54.6	20.3
2 11	13 16.90	+20 47.3	0.322	1.208	40.7	20.1
2 21	12 37.78	+25 7.1	0.340	1.277	27.6	19.9
3 2	11 55.82	+27 46.6	0.376	1.340	18.6	20.0
3 12	11 19.05	+28 26.9	0.432	1.397	17.6	20.3
3 22	10 52.36	+27 38.6	0.508	1.448	22.2	20.9
4 1	10 36.23	+26 1.6	0.600	1.494	27.2	21.5
4 11	10 28.80	+24 3.3	0.703	1.534	31.3	22.0

422800 2001 XT_{191} 3 10.6 9.°78 9.°4/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.99	−17 53.9	1.586	2.297	20.6	19.8
2 11	11 44.38	−19 10.5	1.502	2.298	18.1	19.6
2 21	11 38.99	−20 1.2	1.435	2.301	15.1	19.4
3 2	11 31.36	−20 21.1	1.387	2.304	12.1	19.3
3 12	11 22.50	−20 8.7	1.362	2.308	9.9	19.1
3 22	11 13.65	−19 26.8	1.361	2.312	9.6	19.1
4 1	11 6.10	−18 22.7	1.384	2.318	11.4	19.2
4 11	11 0.87	−17 7.1	1.429	2.324	14.2	19.4

159629 Brunszvik 3 10.6 149.°90 1.°7/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.79	+ 4 52.6	2.045	2.829	14.3	21.4
2 11	11 47.12	+ 5 48.3	1.966	2.841	11.1	21.2
2 21	11 40.25	+ 6 56.3	1.910	2.852	7.3	21.0
3 2	11 31.75	+ 8 11.2	1.881	2.862	3.4	20.8
3 12	11 22.46	+ 9 25.5	1.882	2.872	2.2	20.7
3 22	11 13.37	+10 32.3	1.913	2.880	5.9	21.0
4 1	11 5.39	+11 25.8	1.972	2.888	9.6	21.2
4 11	10 59.26	+12 2.8	2.055	2.894	12.9	21.4

113417 2002 SE_{30} 3 10.6 87.°05 4.°5/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.64	+14 17.7	2.151	2.963	12.7	19.8
2 11	11 43.05	+15 31.6	2.082	2.973	9.8	19.6
2 21	11 37.47	+16 50.1	2.038	2.983	6.8	19.4
3 2	11 30.41	+18 6.0	2.022	2.992	4.7	19.3
3 12	11 22.69	+19 12.0	2.034	3.002	5.2	19.4
3 22	11 15.16	+20 2.1	2.074	3.011	7.8	19.5
4 1	11 8.66	+20 32.9	2.140	3.021	10.7	19.7
4 11	11 3.83	+20 43.5	2.229	3.030	13.3	19.9

385878 2006 SY_{31} 3 10.6 112.°57 1.°1/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.09	+ 6 19.7	2.434	3.217	12.3	21.4
2 11	11 44.67	+ 6 34.3	2.348	3.223	9.5	21.2
2 21	11 38.43	+ 6 56.5	2.287	3.229	6.4	21.0
3 2	11 30.84	+ 7 22.7	2.253	3.234	2.9	20.8
3 12	11 22.62	+ 7 48.7	2.249	3.240	1.5	20.7
3 22	11 14.53	+ 8 10.5	2.274	3.245	4.7	20.9
4 1	11 7.35	+ 8 24.7	2.328	3.251	8.0	21.2
4 11	11 1.67	+ 8 29.0	2.408	3.256	10.9	21.4

72488 2001 DR_{43} 3 10.6 99.°19 0.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.88	+ 0 51.1	1.719	2.503	16.5	19.8
2 11	11 46.73	+ 1 23.4	1.648	2.521	13.0	19.6
2 21	11 40.13	+ 2 12.0	1.599	2.539	8.8	19.3
3 2	11 31.71	+ 3 12.5	1.575	2.556	4.1	19.1
3 12	11 22.48	+ 4 17.6	1.579	2.573	0.7	18.9
3 22	11 13.54	+ 5 19.9	1.612	2.589	5.5	19.2
4 1	11 5.93	+ 6 12.6	1.671	2.605	9.8	19.5
4 11	11 0.43	+ 6 50.9	1.755	2.621	13.5	19.8

174444 2002 XH_{59} 3 10.6 21.°37 12.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.01	+32 24.9	1.465	2.289	17.0	18.6
2 11	11 49.34	+34 12.1	1.421	2.293	14.7	18.5
2 21	11 42.33	+35 46.6	1.398	2.298	13.1	18.4
3 2	11 32.84	+36 54.6	1.398	2.304	12.8	18.4
3 12	11 22.31	+37 25.8	1.419	2.310	14.0	18.5
3 22	11 12.35	+37 16.4	1.462	2.317	16.0	18.6
4 1	11 4.36	+36 28.1	1.524	2.324	18.3	18.8
4 11	10 59.25	+35 7.5	1.602	2.332	20.5	19.0

82021 2000 SJ_{25} 3 10.6 188.°62 2.°3/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 44.31	− 8 48.9	3.064	3.780	11.4	20.3
2 11	11 40.70	− 8 22.2	2.957	3.779	9.4	20.2
2 21	11 35.65	− 7 40.6	2.873	3.778	6.9	20.0
3 2	11 29.53	− 6 45.3	2.816	3.776	4.4	19.8
3 12	11 22.86	− 5 39.3	2.789	3.773	2.4	19.7
3 22	11 16.23	− 4 26.8	2.793	3.771	3.4	19.7
4 1	11 10.21	− 3 12.8	2.827	3.767	5.9	19.9
4 11	11 5.31	− 2 2.1	2.889	3.763	8.5	20.1

122167 2000 KZ_{7} 3 10.6 221.°78 5.°1/ 4.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.92	+16 38.5	2.343	3.148	12.0	21.2
2 11	11 45.64	+17 54.2	2.253	3.137	9.5	21.0
2 21	11 39.30	+19 14.0	2.188	3.126	6.8	20.8
3 2	11 31.35	+20 30.9	2.151	3.114	5.1	20.7
3 12	11 22.56	+21 37.3	2.143	3.102	5.8	20.7
3 22	11 13.78	+22 27.3	2.164	3.089	8.2	20.8
4 1	11 5.92	+22 57.0	2.211	3.075	11.1	21.0
4 11	10 59.70	+23 5.6	2.281	3.060	13.7	21.1

226859 2004 TZ_{14} 3 10.6 140.°96 1.°0/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.03	+ 4 1.0	2.124	2.910	13.7	20.7
2 11	11 44.17	+ 4 38.3	2.040	2.916	10.7	20.5
2 21	11 38.27	+ 5 27.4	1.979	2.921	7.1	20.3
3 2	11 30.84	+ 6 23.8	1.945	2.926	3.3	20.1
3 12	11 22.66	+ 7 21.7	1.939	2.931	1.5	20.0
3 22	11 14.62	+ 8 15.0	1.964	2.936	5.2	20.2
4 1	11 7.57	+ 8 58.4	2.015	2.940	8.9	20.5
4 11	11 2.21	+ 9 28.4	2.092	2.944	12.2	20.7

267701 2002 XA_{104} 3 10.6 93.°94 3.°8/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.38	+10 37.2	1.765	2.575	15.1	20.6
2 11	11 46.33	+11 36.4	1.699	2.589	11.7	20.4
2 21	11 39.86	+12 43.8	1.655	2.603	7.8	20.2
3 2	11 31.60	+13 52.1	1.638	2.616	4.4	20.0
3 12	11 22.54	+14 52.7	1.649	2.629	4.4	20.1
3 22	11 13.78	+15 38.9	1.687	2.643	7.7	20.3
4 1	11 6.35	+16 6.1	1.751	2.656	11.3	20.5
4 11	11 0.98	+16 13.2	1.838	2.668	14.5	20.8

191659 2004 PK_{101} 3 10.6 207.°06 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.49	+ 3 10.5	2.453	3.218	12.7	21.2
2 11	11 47.43	+ 3 15.4	2.350	3.213	10.0	21.0
2 21	11 40.39	+ 3 29.4	2.271	3.207	6.8	20.8
3 2	11 31.84	+ 3 50.1	2.220	3.200	3.2	20.6
3 12	11 22.49	+ 4 13.8	2.200	3.193	0.6	20.3
3 22	11 13.16	+ 4 36.6	2.209	3.185	4.4	20.6
4 1	11 4.70	+ 4 54.5	2.249	3.177	8.0	20.8
4 11	10 57.79	+ 5 4.6	2.314	3.168	11.1	21.0

504157 2006 SW_{279} 3 10.6 225.°62 2.°6/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.78	− 7 54.1	2.883	3.605	11.9	22.3
2 11	11 42.00	− 7 47.0	2.769	3.595	9.8	22.1
2 21	11 36.63	− 7 25.7	2.678	3.584	7.3	21.9
3 2	11 30.04	− 6 50.7	2.613	3.573	4.6	21.8
3 12	11 22.79	− 6 4.6	2.578	3.561	2.7	21.6
3 22	11 15.52	− 5 11.0	2.572	3.549	3.7	21.7
4 1	11 8.87	− 4 14.5	2.596	3.537	6.4	21.8
4 11	11 3.43	− 3 19.9	2.648	3.524	9.1	22.0

37326 2001 QA_{79} 3 10.6 143.°97 1.°5/ 8.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.63	+ 7 17.5	2.713	3.497	11.1	19.0
2 11	11 43.36	+ 7 47.6	2.628	3.504	8.6	18.8
2 21	11 37.46	+ 8 24.4	2.569	3.511	5.7	18.6
3 2	11 30.38	+ 9 4.4	2.537	3.518	2.7	18.4
3 12	11 22.75	+ 9 43.0	2.536	3.525	1.9	18.4
3 22	11 15.24	+10 16.3	2.564	3.531	4.6	18.6
4 1	11 8.51	+10 40.9	2.622	3.537	7.6	18.8
4 11	11 3.12	+10 54.7	2.705	3.542	10.2	19.0

455790 2005 QJ_{188} 3 10.6 302.°10 0.°3/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.81	+ 3 1.7	1.739	2.532	16.0	21.3
2 11	11 46.15	+ 3 11.5	1.649	2.527	12.7	21.0
2 21	11 39.95	+ 3 34.7	1.580	2.523	8.6	20.8
3 2	11 31.75	+ 4 7.8	1.537	2.518	4.0	20.5
3 12	11 22.50	+ 4 45.3	1.521	2.514	0.9	20.3
3 22	11 13.32	+ 5 21.0	1.532	2.510	5.7	20.6
4 1	11 5.34	+ 5 48.9	1.570	2.505	10.2	20.8
4 11	10 59.44	+ 6 4.7	1.631	2.501	14.1	21.1

500476 2012 TU_{237} 3 10.6 87.°05 1.°0/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.00	+ 3 53.3	2.418	3.201	12.3	21.8
2 11	11 42.23	+ 4 37.4	2.346	3.220	9.5	21.6
2 21	11 36.75	+ 5 31.7	2.297	3.239	6.3	21.4
3 2	11 30.05	+ 6 31.9	2.276	3.258	2.9	21.2
3 12	11 22.81	+ 7 32.6	2.284	3.276	1.4	21.2
3 22	11 15.76	+ 8 28.5	2.323	3.294	4.6	21.4
4 1	11 9.59	+ 9 15.1	2.390	3.312	7.8	21.6
4 11	11 4.86	+ 9 49.5	2.482	3.330	10.7	21.9

101500 1998 XP_{8} 3 10.6 186.°88 0.°5/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.87	+ 2 35.9	2.646	3.417	11.7	20.8
2 11	11 42.89	+ 3 11.4	2.549	3.417	9.1	20.6
2 21	11 37.23	+ 3 57.6	2.478	3.416	6.1	20.4
3 2	11 30.32	+ 4 51.0	2.434	3.414	2.8	20.2
3 12	11 22.76	+ 5 47.1	2.420	3.413	0.9	20.0
3 22	11 15.27	+ 6 41.1	2.437	3.410	4.2	20.3
4 1	11 8.52	+ 7 28.4	2.482	3.407	7.5	20.5
4 11	11 3.11	+ 8 5.4	2.554	3.404	10.3	20.7

385268 2001 RC_{12} 3 10.6 65.°92 5.°3/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.71	−21 46.7	2.856	3.476	14.0	21.6
2 11	11 46.20	−21 29.7	2.796	3.532	12.0	21.5
2 21	11 39.13	−20 51.7	2.756	3.587	9.8	21.4
3 2	11 31.06	−19 52.8	2.740	3.641	7.5	21.3
3 12	11 22.67	−18 36.0	2.753	3.693	5.8	21.3
3 22	11 14.64	−17 5.9	2.796	3.745	5.4	21.3
4 1	11 7.60	−15 28.7	2.870	3.795	6.6	21.5
4 11	11 2.01	−13 51.1	2.973	3.845	8.4	21.7

298816 2004 RM_{62} 3 10.6 217.°97 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.57	− 0 10.8	1.860	2.636	15.8	21.9
2 11	11 46.66	+ 0 20.7	1.760	2.628	12.6	21.7
2 21	11 40.28	+ 1 9.8	1.682	2.619	8.7	21.4
3 2	11 31.93	+ 2 13.1	1.630	2.610	4.2	21.1
3 12	11 22.49	+ 3 24.4	1.606	2.600	0.6	20.8
3 22	11 13.01	+ 4 36.2	1.611	2.589	5.4	21.1
4 1	11 4.62	+ 5 40.7	1.644	2.578	9.9	21.4
4 11	10 58.21	+ 6 32.0	1.701	2.566	13.9	21.6

278103 2007 BG_{56} 3 10.6 33.°47 6.°0/ 4.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.32	+14 25.0	1.587	2.417	15.6	20.2
2 11	11 43.58	+15 58.5	1.523	2.422	12.1	20.0
2 21	11 38.24	+17 39.4	1.481	2.428	8.6	19.8
3 2	11 30.92	+19 17.1	1.464	2.434	6.2	19.6
3 12	11 22.67	+20 40.5	1.474	2.441	7.0	19.7
3 22	11 14.67	+21 41.2	1.510	2.447	10.1	19.9
4 1	11 8.03	+22 14.5	1.570	2.454	13.6	20.1
4 11	11 3.59	+22 20.2	1.650	2.462	16.8	20.3

456839 2007 UP_{11} 3 10.6 176.°94 2.°3/ 8.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.85	+ 7 32.1	2.159	2.947	13.5	22.1
2 11	11 47.15	+ 8 23.5	2.072	2.950	10.5	21.9
2 21	11 40.30	+ 9 24.7	2.009	2.952	7.0	21.7
3 2	11 31.82	+10 30.3	1.973	2.954	3.5	21.5
3 12	11 22.53	+11 33.4	1.968	2.954	2.8	21.4
3 22	11 13.34	+12 27.9	1.992	2.954	6.1	21.6
4 1	11 5.19	+13 8.7	2.044	2.953	9.7	21.8
4 11	10 58.80	+13 33.2	2.120	2.951	12.9	22.0

236329 2006 BD_{90} 3 10.6 86.°02 0.°4/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.03	+ 0 54.0	1.955	2.735	15.0	21.1
2 11	11 45.14	+ 1 4.8	1.872	2.741	11.8	20.9
2 21	11 39.02	+ 1 29.2	1.810	2.747	8.1	20.7
3 2	11 31.23	+ 2 4.2	1.774	2.753	3.9	20.4
3 12	11 22.63	+ 2 44.9	1.766	2.759	0.6	20.2
3 22	11 14.17	+ 3 25.6	1.787	2.765	4.8	20.5
4 1	11 6.81	+ 4 1.0	1.835	2.771	8.9	20.7
4 11	11 1.29	+ 4 26.6	1.908	2.778	12.4	21.0

145684 3279 $T\text{-}_{2}$ 3 10.6 170.°19 2.°1/ 8.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.09	+ 9 58.8	2.660	3.449	11.2	20.4
2 11	11 44.56	+10 25.5	2.573	3.451	8.7	20.2
2 21	11 38.31	+10 57.4	2.510	3.453	5.8	20.0
3 2	11 30.81	+11 30.4	2.475	3.454	3.0	19.9
3 12	11 22.71	+12 0.2	2.471	3.456	2.5	19.8
3 22	11 14.71	+12 22.9	2.496	3.457	5.1	20.0
4 1	11 7.54	+12 35.5	2.550	3.458	8.1	20.2
4 11	11 1.76	+12 36.4	2.630	3.458	10.7	20.4

321058 2008 RC_{133} 3 10.6 230.°44 1.°4/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.71	+ 4 0.2	1.659	2.454	16.6	21.8
2 11	11 47.89	+ 4 38.2	1.564	2.445	13.1	21.6
2 21	11 41.31	+ 5 32.3	1.490	2.434	8.8	21.3
3 2	11 32.49	+ 6 37.3	1.441	2.424	4.1	21.0
3 12	11 22.41	+ 7 45.6	1.420	2.412	1.9	20.8
3 22	11 12.30	+ 8 48.6	1.427	2.400	6.7	21.1
4 1	11 3.43	+ 9 38.7	1.460	2.387	11.5	21.3
4 11	10 56.81	+10 10.8	1.516	2.374	15.7	21.5

453847 2011 UR_{17} 3 10.6 53.°37 6.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.62	−12 16.4	1.381	2.133	21.4	20.4
2 11	11 45.69	−12 43.8	1.314	2.150	17.9	20.2
2 21	11 39.83	−12 42.1	1.263	2.167	13.9	20.0
3 2	11 31.73	−12 10.1	1.233	2.185	9.7	19.8
3 12	11 22.56	−11 11.1	1.227	2.203	6.5	19.7
3 22	11 13.69	− 9 53.0	1.246	2.221	7.1	19.7
4 1	11 6.41	− 8 26.6	1.290	2.240	10.5	20.0
4 11	11 1.65	− 7 3.2	1.357	2.258	14.4	20.2

501038 2013 RX_{72} 3 10.6 150.°65 0.°4/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.01	+ 3 28.4	2.064	2.847	14.2	22.1
2 11	11 45.81	+ 3 43.6	1.977	2.850	11.1	21.8
2 21	11 39.44	+ 4 10.0	1.912	2.853	7.5	21.6
3 2	11 31.43	+ 4 44.2	1.874	2.855	3.5	21.4
3 12	11 22.61	+ 5 21.2	1.865	2.857	0.9	21.2
3 22	11 13.91	+ 5 55.7	1.884	2.860	5.0	21.5
4 1	11 6.26	+ 6 23.0	1.931	2.862	8.9	21.7
4 11	11 0.39	+ 6 39.5	2.003	2.864	12.3	21.9

465983 2011 CG_{84} 3 10.6 104.°47 0.°5/11.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.57	− 0 25.4	1.937	2.715	15.1	22.1
2 11	11 44.03	− 0 0.3	1.853	2.721	12.0	21.9
2 21	11 38.30	+ 0 40.6	1.790	2.727	8.2	21.7
3 2	11 30.91	+ 1 34.0	1.753	2.732	4.0	21.5
3 12	11 22.70	+ 2 34.1	1.745	2.738	0.6	21.2
3 22	11 14.62	+ 3 34.4	1.765	2.744	4.8	21.5
4 1	11 7.62	+ 4 28.4	1.812	2.749	8.9	21.8
4 11	11 2.43	+ 5 11.1	1.884	2.754	12.5	22.0

357341 2003 QU_{13} 3 10.6 197.°35 1.°4/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.19	+ 4 9.8	2.150	2.932	13.7	22.1
2 11	11 45.95	+ 5 2.6	2.054	2.929	10.7	21.9
2 21	11 39.56	+ 6 8.5	1.982	2.924	7.2	21.6
3 2	11 31.52	+ 7 22.8	1.938	2.920	3.3	21.4
3 12	11 22.60	+ 8 38.6	1.923	2.914	1.9	21.3
3 22	11 13.71	+ 9 48.9	1.938	2.907	5.6	21.5
4 1	11 5.79	+10 47.7	1.982	2.900	9.4	21.7
4 11	10 59.58	+11 30.9	2.050	2.892	12.8	21.9

186173 2001 UZ_{155} 3 10.6 242.°79 5.°0/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.73	+15 5.0	1.885	2.698	14.2	20.0
2 11	11 46.70	+16 1.0	1.803	2.693	11.1	19.8
2 21	11 40.22	+17 1.9	1.744	2.688	7.8	19.6
3 2	11 31.86	+18 0.0	1.712	2.683	5.3	19.4
3 12	11 22.55	+18 47.3	1.707	2.678	5.7	19.5
3 22	11 13.37	+19 17.5	1.730	2.673	8.6	19.6
4 1	11 5.39	+19 26.9	1.778	2.667	12.0	19.8
4 11	10 59.44	+19 15.0	1.848	2.662	15.2	20.0

456594 2007 EB_{25} 3 10.6 27.°15 6.°6/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 58.20	+19 51.4	1.526	2.342	16.8	20.0
2 11	11 52.88	+20 11.4	1.461	2.349	13.3	19.8
2 21	11 44.48	+20 29.0	1.418	2.357	9.7	19.6
3 2	11 33.83	+20 35.9	1.400	2.366	6.9	19.4
3 12	11 22.25	+20 24.6	1.408	2.375	7.1	19.4
3 22	11 11.19	+19 51.7	1.442	2.385	10.0	19.6
4 1	11 1.97	+18 57.3	1.501	2.396	13.5	19.9
4 11	10 55.44	+17 44.6	1.582	2.407	16.8	20.1

468444 2002 RZ_{210} 3 10.6 87.°51 0.°0/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.85	+ 0 44.9	2.255	3.029	13.4	21.7
2 11	11 43.03	+ 1 19.5	2.180	3.047	10.5	21.6
2 21	11 37.38	+ 2 7.0	2.129	3.066	7.1	21.4
3 2	11 30.39	+ 3 3.5	2.104	3.084	3.3	21.2
3 12	11 22.81	+ 4 3.8	2.109	3.102	0.6	21.0
3 22	11 15.43	+ 5 2.2	2.143	3.120	4.4	21.3
4 1	11 9.01	+ 5 53.5	2.206	3.137	7.9	21.6
4 11	11 4.13	+ 6 33.7	2.294	3.155	10.9	21.8

207704 2007 RT_{83} 3 10.6 248.°42 0.°6/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.44	+ 0 40.6	1.634	2.421	17.2	20.8
2 11	11 47.69	+ 0 46.0	1.540	2.413	13.7	20.5
2 21	11 41.18	+ 1 7.6	1.466	2.405	9.5	20.3
3 2	11 32.43	+ 1 42.8	1.417	2.397	4.7	20.0
3 12	11 22.45	+ 2 26.2	1.395	2.388	0.8	19.6
3 22	11 12.45	+ 3 11.0	1.400	2.380	5.7	20.0
4 1	11 3.71	+ 3 50.1	1.432	2.371	10.6	20.2
4 11	10 57.24	+ 4 17.7	1.486	2.362	15.0	20.5

57212 2001 QM_{60} 3 10.6 48.°75 2.°8/ 7.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.76	+11 19.1	2.152	2.951	13.1	18.6
2 11	11 46.26	+11 40.3	2.071	2.954	10.2	18.4
2 21	11 39.67	+12 6.5	2.013	2.958	6.9	18.2
3 2	11 31.51	+12 32.8	1.982	2.961	3.7	18.0
3 12	11 22.62	+12 53.9	1.981	2.965	3.2	18.0
3 22	11 13.92	+13 5.6	2.008	2.968	6.2	18.2
4 1	11 6.28	+13 4.8	2.062	2.972	9.6	18.4
4 11	11 0.40	+12 50.4	2.141	2.976	12.6	18.6

21248 1995 YP_1 3 10.6 257.°04 3.°0/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.12	− 6 40.0	2.061	2.809	15.3	18.0
2 11	11 43.66	− 6 44.2	1.965	2.808	12.6	17.8
2 21	11 38.08	− 6 30.5	1.890	2.806	9.3	17.5
3 2	11 30.84	− 5 59.8	1.840	2.804	5.7	17.3
3 12	11 22.72	− 5 15.1	1.817	2.803	3.1	17.1
3 22	11 14.65	− 4 21.5	1.822	2.801	4.7	17.2
4 1	11 7.53	− 3 25.4	1.855	2.800	8.2	17.5
4 11	11 2.13	− 2 33.1	1.913	2.798	11.7	17.7

273008 2006 DO_{79} 3 10.6 147.°49 0.°5/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.41	− 1 2.3	2.181	2.952	13.9	20.9
2 11	11 42.90	− 0 28.8	2.092	2.956	11.0	20.7
2 21	11 37.43	+ 0 19.9	2.025	2.960	7.6	20.5
3 2	11 30.48	+ 1 20.5	1.985	2.963	3.7	20.3
3 12	11 22.80	+ 2 27.8	1.974	2.967	0.6	20.0
3 22	11 15.21	+ 3 35.4	1.991	2.970	4.4	20.3
4 1	11 8.54	+ 4 37.3	2.038	2.973	8.2	20.6
4 11	11 3.48	+ 5 28.4	2.109	2.976	11.5	20.8

464745 2003 RQ_7 3 10.6 224.°10 0.°7/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.31	+ 4 37.0	2.627	3.399	11.8	22.4
2 11	11 45.66	+ 4 56.4	2.520	3.387	9.2	22.2
2 21	11 39.19	+ 5 24.5	2.437	3.375	6.2	22.0
3 2	11 31.30	+ 5 58.3	2.382	3.362	2.9	21.7
3 12	11 22.66	+ 6 33.7	2.357	3.349	1.1	21.5
3 22	11 14.00	+ 7 6.4	2.363	3.335	4.4	21.8
4 1	11 6.10	+ 7 32.7	2.398	3.321	7.8	22.0
4 11	10 59.60	+ 7 49.5	2.460	3.306	10.8	22.1

250978 2006 JL_{25} 3 10.6 250.°45 2.°5/ 8.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.58	+ 7 28.0	1.887	2.684	14.8	21.6
2 11	11 47.54	+ 8 11.9	1.783	2.665	11.6	21.4
2 21	11 40.97	+ 9 7.8	1.701	2.646	7.8	21.1
3 2	11 32.32	+10 10.5	1.646	2.627	3.9	20.8
3 12	11 22.48	+11 12.2	1.619	2.606	3.1	20.7
3 22	11 12.52	+12 5.6	1.620	2.585	7.0	20.9
4 1	11 3.61	+12 44.3	1.649	2.563	11.2	21.1
4 11	10 56.69	+13 4.7	1.700	2.541	15.1	21.3

252941 2002 PC_{23} 3 10.6 191.°53 0.°6/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.90	− 0 59.9	2.227	2.989	13.9	22.4
2 11	11 45.63	− 0 32.5	2.129	2.988	11.1	22.2
2 21	11 39.31	+ 0 9.7	2.054	2.985	7.7	22.0
3 2	11 31.40	+ 1 3.9	2.005	2.983	3.8	21.7
3 12	11 22.65	+ 2 5.2	1.986	2.979	0.7	21.5
3 22	11 13.95	+ 3 7.7	1.996	2.975	4.5	21.8
4 1	11 6.16	+ 4 5.4	2.036	2.970	8.3	22.0
4 11	11 0.02	+ 4 53.2	2.101	2.964	11.7	22.2

388310 2006 SR_{286} 3 10.6 155.°60 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.87	+ 0 44.9	2.910	3.674	10.9	21.7
2 11	11 41.16	+ 1 25.2	2.818	3.680	8.6	21.6
2 21	11 35.98	+ 2 16.3	2.751	3.686	5.8	21.4
3 2	11 29.72	+ 3 15.1	2.712	3.692	2.7	21.2
3 12	11 22.95	+ 4 17.3	2.704	3.697	0.5	21.0
3 22	11 16.25	+ 5 18.4	2.727	3.702	3.7	21.3
4 1	11 10.23	+ 6 14.0	2.779	3.707	6.6	21.5
4 11	11 5.38	+ 7 0.6	2.858	3.711	9.3	21.6

437489 2013 YJ_{58} 3 10.6 165.°86 3.°3/14.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.81	− 8 42.0	2.421	3.148	13.8	21.3
2 11	11 43.07	− 8 48.9	2.323	3.149	11.4	21.1
2 21	11 37.50	− 8 39.5	2.246	3.151	8.6	20.9
3 2	11 30.52	− 8 14.2	2.195	3.152	5.6	20.8
3 12	11 22.82	− 7 35.4	2.172	3.153	3.5	20.6
3 22	11 15.16	− 6 47.1	2.178	3.154	4.4	20.7
4 1	11 8.32	− 5 54.6	2.213	3.155	7.2	20.8
4 11	11 2.95	− 5 3.4	2.273	3.155	10.2	21.0

98513 2000 VA_{25} 3 10.6 59.°98 0.°2/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.89	+ 0 23.8	1.399	2.199	18.9	19.9
2 11	11 46.53	+ 0 46.5	1.334	2.215	14.9	19.7
2 21	11 40.30	+ 1 28.6	1.289	2.231	10.1	19.4
3 2	11 31.93	+ 2 25.2	1.267	2.248	4.8	19.2
3 12	11 22.60	+ 3 28.6	1.272	2.265	0.7	18.9
3 22	11 13.63	+ 4 29.8	1.303	2.283	6.1	19.3
4 1	11 6.25	+ 5 20.8	1.359	2.300	10.9	19.7
4 11	11 1.32	+ 5 56.0	1.438	2.317	15.1	20.0

500031 2011 SS_{47} 3 10.6 219.°79 0.°8/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.04	− 2 27.2	2.585	3.344	12.3	21.9
2 11	11 40.79	− 1 54.7	2.485	3.341	9.8	21.7
2 21	11 35.89	− 1 8.1	2.408	3.337	6.8	21.5
3 2	11 29.75	− 0 10.1	2.358	3.334	3.5	21.3
3 12	11 22.96	+ 0 55.2	2.337	3.330	0.9	21.1
3 22	11 16.20	+ 2 2.5	2.346	3.326	3.8	21.3
4 1	11 10.17	+ 3 6.6	2.385	3.322	7.1	21.5
4 11	11 5.43	+ 4 2.6	2.450	3.317	10.1	21.7

407702 2011 UV_{134} 3 10.6 22.°32 4.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.24	− 8 6.3	1.413	2.183	20.2	20.4
2 11	11 45.51	− 8 30.6	1.332	2.185	16.7	20.1
2 21	11 39.84	− 8 30.2	1.269	2.188	12.6	19.9
3 2	11 31.84	− 8 4.5	1.228	2.191	8.1	19.6
3 12	11 22.60	− 7 16.7	1.211	2.195	4.8	19.4
3 22	11 13.46	− 6 13.7	1.219	2.199	6.4	19.5
4 1	11 5.78	− 5 5.3	1.252	2.203	10.6	19.8
4 11	11 0.58	− 4 1.2	1.308	2.208	14.9	20.0

123486 2000 WS_{166} 3 10.6 145.°17 1.°9/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.44	− 5 39.2	2.707	3.447	12.2	20.4
2 11	11 40.98	− 5 19.8	2.611	3.452	9.9	20.2
2 21	11 35.95	− 4 46.0	2.538	3.456	7.1	20.0
3 2	11 29.74	− 3 59.6	2.492	3.460	4.1	19.9
3 12	11 22.96	− 3 3.9	2.475	3.464	1.9	19.7
3 22	11 16.25	− 2 3.5	2.488	3.468	3.5	19.8
4 1	11 10.25	− 1 3.4	2.531	3.471	6.5	20.0
4 11	11 5.51	− 0 8.2	2.600	3.475	9.3	20.2

429913 2012 TR_{152} 3 10.6 185.°63 1.°9/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.39	+ 8 31.4	2.437	3.225	12.1	21.8
2 11	11 45.00	+ 8 56.9	2.347	3.225	9.4	21.6
2 21	11 38.75	+ 9 29.0	2.282	3.225	6.3	21.4
3 2	11 31.09	+10 3.8	2.244	3.224	3.1	21.2
3 12	11 22.75	+10 36.4	2.236	3.224	2.3	21.1
3 22	11 14.51	+11 2.4	2.257	3.223	5.3	21.3
4 1	11 7.15	+11 18.4	2.307	3.221	8.5	21.5
4 11	11 1.31	+11 22.4	2.382	3.220	11.4	21.7

284328 2006 RD_7 3 10.6 220.°23 3.°0/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.93	+13 16.3	2.600	3.392	11.3	20.7
2 11	11 46.10	+13 41.8	2.508	3.387	8.8	20.5
2 21	11 39.44	+14 10.4	2.440	3.381	6.0	20.4
3 2	11 31.41	+14 37.9	2.400	3.376	3.5	20.2
3 12	11 22.70	+14 59.4	2.391	3.370	3.4	20.2
3 22	11 14.08	+15 11.2	2.411	3.363	5.9	20.3
4 1	11 6.31	+15 10.9	2.460	3.357	8.8	20.5
4 11	11 0.03	+14 57.5	2.533	3.350	11.4	20.6

252921 2002 NX_{33} 3 10.6 220.°93 1.°5/ 9.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.30	+ 4 20.6	2.073	2.860	14.0	21.8
2 11	11 45.41	+ 5 10.6	1.974	2.851	11.0	21.5
2 21	11 39.31	+ 6 14.2	1.898	2.841	7.3	21.3
3 2	11 31.47	+ 7 26.6	1.849	2.831	3.4	21.0
3 12	11 22.68	+ 8 41.0	1.829	2.820	2.0	20.9
3 22	11 13.89	+ 9 50.1	1.839	2.808	5.8	21.1
4 1	11 6.04	+10 47.5	1.876	2.796	9.8	21.3
4 11	10 59.95	+11 28.9	1.938	2.783	13.3	21.5

277012 2004 YH_{35} 3 10.6 112.°22 1.°6/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.77	+ 5 50.7	2.124	2.916	13.5	21.5
2 11	11 43.98	+ 6 30.0	2.043	2.923	10.5	21.3
2 21	11 38.16	+ 7 19.7	1.985	2.930	7.0	21.1
3 2	11 30.84	+ 8 15.0	1.955	2.936	3.2	20.9
3 12	11 22.80	+ 9 9.7	1.953	2.943	2.0	20.8
3 22	11 14.92	+ 9 58.0	1.980	2.949	5.5	21.1
4 1	11 8.03	+10 35.2	2.035	2.956	9.1	21.3
4 11	11 2.82	+10 58.1	2.114	2.962	12.3	21.5

502427 2015 BC_{258} 3 10.6 238.°50 3.°2/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.52	− 7 21.3	2.119	2.861	15.1	21.7
2 11	11 43.97	− 7 27.2	2.019	2.857	12.5	21.4
2 21	11 38.30	− 7 15.4	1.939	2.852	9.3	21.2
3 2	11 30.98	− 6 46.2	1.884	2.847	5.8	21.0
3 12	11 22.77	− 6 2.5	1.857	2.842	3.3	20.8
3 22	11 14.55	− 5 9.1	1.858	2.837	4.7	20.9
4 1	11 7.26	− 4 12.2	1.887	2.831	8.1	21.1
4 11	11 1.64	− 3 18.2	1.942	2.826	11.6	21.3

213907 2003 US_{65} 3 10.6 135.°28 3.°6/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.75	+ 9 55.4	1.834	2.640	14.8	20.8
2 11	11 46.63	+11 2.6	1.762	2.650	11.4	20.5
2 21	11 40.11	+12 19.1	1.712	2.659	7.7	20.3
3 2	11 31.80	+13 37.7	1.690	2.668	4.3	20.2
3 12	11 22.65	+14 49.5	1.696	2.676	4.3	20.2
3 22	11 13.72	+15 47.3	1.730	2.685	7.6	20.4
4 1	11 6.04	+16 25.8	1.790	2.692	11.2	20.6
4 11	11 0.38	+16 43.5	1.873	2.699	14.5	20.8

208169 2000 PH_{27} 3 10.6 202.°89 1.°8/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.22	− 2 3.7	1.835	2.600	16.4	21.2
2 11	11 48.76	− 2 8.7	1.739	2.596	13.2	20.9
2 21	11 41.73	− 1 57.7	1.664	2.593	9.4	20.7
3 2	11 32.67	− 1 32.3	1.614	2.588	5.1	20.4
3 12	11 22.50	− 0 56.2	1.592	2.584	1.8	20.2
3 22	11 12.34	− 0 15.2	1.598	2.578	5.1	20.4
4 1	11 3.34	+ 0 24.5	1.633	2.572	9.5	20.6
4 11	10 56.41	+ 0 57.1	1.691	2.566	13.5	20.9

274702 2008 UM_{83} 3 10.6 234.°74 1.°8/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.97	+ 5 55.8	2.280	3.070	12.8	21.1
2 11	11 43.37	+ 6 44.5	2.181	3.061	9.9	20.9
2 21	11 37.81	+ 7 44.2	2.107	3.051	6.6	20.6
3 2	11 30.72	+ 8 50.2	2.060	3.041	3.1	20.4
3 12	11 22.83	+ 9 56.4	2.042	3.031	2.2	20.3
3 22	11 14.94	+10 56.6	2.054	3.020	5.6	20.5
4 1	11 7.91	+11 45.5	2.093	3.009	9.1	20.7
4 11	11 2.42	+12 19.5	2.157	2.998	12.3	20.9

355847 2008 UH_{104} 3 10.6 314.°82 2.°4/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.08	+ 7 21.2	1.354	2.172	18.5	21.0
2 11	11 48.71	+ 7 42.2	1.273	2.166	14.5	20.7
2 21	11 42.13	+ 8 16.1	1.212	2.161	9.8	20.4
3 2	11 32.98	+ 8 56.9	1.174	2.156	4.7	20.1
3 12	11 22.46	+ 9 36.1	1.162	2.152	3.0	20.0
3 22	11 12.06	+10 5.6	1.175	2.147	7.8	20.3
4 1	11 3.26	+10 19.1	1.213	2.143	13.0	20.5
4 11	10 57.16	+10 13.7	1.271	2.139	17.4	20.8

182346 2001 QC_{15} 3 10.6 154.°33 0.°6/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.92	+ 2 5.0	2.269	3.044	13.3	21.4
2 11	11 44.75	+ 2 50.2	2.183	3.052	10.4	21.2
2 21	11 38.63	+ 3 48.2	2.121	3.060	7.0	21.0
3 2	11 31.06	+ 4 54.9	2.086	3.067	3.2	20.7
3 12	11 22.80	+ 6 4.5	2.081	3.073	1.0	20.6
3 22	11 14.65	+ 7 10.8	2.106	3.079	4.8	20.9
4 1	11 7.45	+ 8 8.1	2.160	3.085	8.4	21.1
4 11	11 1.83	+ 8 52.5	2.239	3.089	11.6	21.3

200154 1998 RJ 3 10.6 175.°40 3.°2/ 7.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.05	+ 9 46.3	1.883	2.678	14.9	21.1
2 11	11 50.01	+10 32.8	1.800	2.682	11.6	20.9
2 21	11 42.44	+11 28.0	1.740	2.684	7.8	20.7
3 2	11 32.94	+12 25.6	1.707	2.686	4.2	20.5
3 12	11 22.49	+13 18.0	1.703	2.687	3.7	20.5
3 22	11 12.19	+13 58.5	1.728	2.687	7.2	20.7
4 1	11 3.16	+14 22.4	1.780	2.686	11.0	20.9
4 11	10 56.23	+14 28.1	1.855	2.685	14.5	21.1

463608 2013 SO_{72} 3 10.6 254.°65 0.°7/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.16	+ 3 53.9	2.034	2.817	14.4	22.3
2 11	11 46.99	+ 4 10.8	1.927	2.800	11.4	22.1
2 21	11 40.48	+ 4 39.5	1.843	2.783	7.7	21.8
3 2	11 32.09	+ 5 16.6	1.784	2.765	3.6	21.5
3 12	11 22.61	+ 5 57.1	1.755	2.747	1.1	21.3
3 22	11 13.05	+ 6 35.0	1.754	2.729	5.4	21.5
4 1	11 4.44	+ 7 5.2	1.781	2.710	9.6	21.8
4 11	10 57.66	+ 7 23.5	1.833	2.691	13.4	21.9

243218 2007 UB_{136} 3 10.6 189.°00 6.°2/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.15	+21 43.1	2.441	3.253	11.4	20.4
2 11	11 43.41	+23 9.2	2.370	3.252	9.1	20.2
2 21	11 37.75	+24 34.9	2.324	3.252	7.1	20.1
3 2	11 30.66	+25 52.9	2.305	3.251	6.2	20.1
3 12	11 22.87	+26 56.1	2.315	3.250	7.0	20.1
3 22	11 15.19	+27 39.5	2.352	3.248	9.0	20.2
4 1	11 8.44	+28 0.7	2.414	3.247	11.3	20.4
4 11	11 3.24	+28 0.0	2.497	3.245	13.5	20.5

147802 2005 SS_{33} 3 10.6 242.°91 3.°1/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.68	+ 9 36.2	2.052	2.852	13.6	20.8
2 11	11 45.77	+10 25.9	1.955	2.840	10.6	20.6
2 21	11 39.59	+11 24.9	1.881	2.827	7.2	20.4
3 2	11 31.63	+12 27.5	1.835	2.814	3.9	20.1
3 12	11 22.70	+13 26.4	1.817	2.800	3.6	20.1
3 22	11 13.76	+14 15.0	1.828	2.786	6.9	20.2
4 1	11 5.81	+14 48.1	1.865	2.772	10.6	20.4
4 11	10 59.67	+15 3.1	1.927	2.757	14.0	20.6

39478 1980 FR_4 3 10.6 302.°87 0.°6/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.52	− 1 50.8	1.505	2.300	18.0	19.3
2 11	11 43.28	− 1 14.9	1.414	2.291	14.4	19.1
2 21	11 38.32	− 0 15.7	1.342	2.283	10.0	18.8
3 2	11 31.16	+ 1 3.3	1.294	2.274	5.0	18.5
3 12	11 22.78	+ 2 34.5	1.273	2.266	0.8	18.1
3 22	11 14.39	+ 4 7.7	1.278	2.258	6.0	18.5
4 1	11 7.26	+ 5 32.4	1.308	2.251	11.1	18.7
4 11	11 2.38	+ 6 40.2	1.361	2.243	15.6	19.0

20314 Johnharrison 3 10.6 251.°18 1.°8/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.70	− 2 25.7	1.580	2.357	18.0	18.2
2 11	11 48.17	− 2 23.4	1.478	2.343	14.7	17.9
2 21	11 41.72	− 2 1.4	1.396	2.328	10.5	17.6
3 2	11 32.83	− 1 20.9	1.337	2.313	5.7	17.3
3 12	11 22.49	− 0 26.7	1.305	2.297	1.8	17.0
3 22	11 11.99	+ 0 34.0	1.300	2.281	5.8	17.2
4 1	11 2.70	+ 1 32.4	1.321	2.264	11.0	17.5
4 11	10 55.77	+ 2 20.8	1.365	2.247	15.6	17.7

315074 2007 DC_{52} 3 10.6 155.°44 0.°6/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.09	− 1 44.1	3.006	3.762	10.8	21.3
2 11	11 39.78	− 1 10.4	2.910	3.765	8.5	21.2
2 21	11 35.07	− 0 25.1	2.839	3.768	5.9	21.0
3 2	11 29.34	+ 0 29.2	2.795	3.771	3.0	20.8
3 12	11 23.10	+ 1 28.9	2.781	3.774	0.6	20.6
3 22	11 16.92	+ 2 29.7	2.798	3.777	3.3	20.8
4 1	11 11.37	+ 3 27.1	2.844	3.779	6.2	21.0
4 11	11 6.92	+ 4 17.4	2.918	3.781	8.8	21.2

188459 2004 JR_{22} 3 10.6 246.°32 5.°1/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.78	−13 59.2	2.372	3.067	14.9	20.9
2 11	11 44.92	−14 13.3	2.251	3.048	12.7	20.7
2 21	11 38.99	−14 7.8	2.149	3.028	10.2	20.5
3 2	11 31.37	−13 41.4	2.071	3.008	7.4	20.3
3 12	11 22.75	−12 54.8	2.021	2.987	5.4	20.1
3 22	11 13.97	−11 51.7	1.999	2.966	5.7	20.1
4 1	11 5.93	−10 37.7	2.005	2.944	8.1	20.2
4 11	10 59.44	− 9 20.3	2.039	2.921	11.2	20.4

196868 2003 SG_{282} 3 10.6 236.°09 1.°5/12.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.64	− 4 9.8	2.231	2.988	14.0	20.6
2 11	11 42.39	− 3 44.0	2.129	2.982	11.3	20.4
2 21	11 37.17	− 3 1.1	2.049	2.975	8.0	20.2
3 2	11 30.45	− 2 3.3	1.995	2.969	4.4	20.0
3 12	11 22.92	− 0 54.9	1.970	2.962	1.5	19.7
3 22	11 15.39	+ 0 18.0	1.974	2.954	4.2	19.9
4 1	11 8.71	+ 1 28.8	2.006	2.947	8.0	20.1
4 11	11 3.57	+ 2 31.5	2.065	2.939	11.4	20.3

360358 2001 YK_{29} 3 10.6 42.°09 2.°2/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.66	+ 5 57.8	1.185	2.011	20.0	21.3
2 11	11 47.60	+ 6 26.3	1.128	2.026	15.6	21.0
2 21	11 41.27	+ 7 10.2	1.090	2.041	10.4	20.8
3 2	11 32.48	+ 8 2.4	1.074	2.057	4.8	20.5
3 12	11 22.61	+ 8 52.9	1.083	2.074	2.8	20.4
3 22	11 13.23	+ 9 32.7	1.116	2.091	7.8	20.8
4 1	11 5.73	+ 9 55.4	1.173	2.108	12.9	21.1
4 11	11 1.05	+ 9 58.1	1.251	2.127	17.2	21.4

394089 2006 BF_{36} 3 10.6 89.°92 2.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.31	+ 9 14.2	2.763	3.558	10.7	21.2
2 11	11 40.83	+10 0.5	2.683	3.565	8.2	21.1
2 21	11 35.82	+10 52.8	2.627	3.572	5.4	20.9
3 2	11 29.70	+11 46.9	2.600	3.579	2.8	20.7
3 12	11 23.06	+12 38.0	2.603	3.587	2.6	20.7
3 22	11 16.53	+13 21.6	2.635	3.594	5.1	20.9
4 1	11 10.74	+13 54.5	2.695	3.601	7.8	21.1
4 11	11 6.18	+14 14.5	2.781	3.608	10.3	21.3

287107 2002 RX_{152} 3 10.6 55.°81 3.°6/13.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.47	− 7 21.3	2.114	2.854	15.2	20.1
2 11	11 44.64	− 7 42.5	2.023	2.858	12.5	20.0
2 21	11 38.71	− 7 47.0	1.953	2.863	9.4	19.8
3 2	11 31.18	− 7 35.1	1.907	2.867	6.0	19.6
3 12	11 22.81	− 7 8.9	1.889	2.872	3.6	19.4
3 22	11 14.53	− 6 32.7	1.900	2.876	4.8	19.5
4 1	11 7.21	− 5 51.7	1.938	2.881	8.0	19.7
4 11	11 1.60	− 5 12.0	2.001	2.886	11.2	19.9

223746 2004 RO_{180} 3 10.6 123.°58 2.°7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.13	− 6 28.3	2.022	2.772	15.5	20.4
2 11	11 43.68	− 6 20.0	1.931	2.776	12.6	20.2
2 21	11 38.11	− 5 52.8	1.862	2.780	9.2	20.0
3 2	11 30.90	− 5 8.2	1.817	2.784	5.5	19.8
3 12	11 22.86	− 4 10.1	1.800	2.788	2.7	19.6
3 22	11 14.91	− 3 4.5	1.812	2.792	4.6	19.7
4 1	11 7.97	− 1 58.2	1.851	2.796	8.2	19.9
4 11	11 2.76	− 0 57.9	1.916	2.799	11.7	20.2

188788 2005 VK_{52} 3 10.6 168.°73 6.°0/ 3.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.40	+21 14.3	2.376	3.178	11.9	20.9
2 11	11 47.46	+22 24.9	2.304	3.182	9.5	20.8
2 21	11 40.46	+23 34.7	2.258	3.186	7.3	20.6
3 2	11 31.94	+24 36.5	2.240	3.190	6.1	20.5
3 12	11 22.70	+25 23.5	2.250	3.192	6.7	20.6
3 22	11 13.65	+25 51.1	2.288	3.194	8.8	20.7
4 1	11 5.66	+25 57.3	2.352	3.196	11.2	20.9
4 11	10 59.39	+25 42.9	2.438	3.197	13.5	21.0

304253 2006 RA_{51} 3 10.6 243.°80 1.°1/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.65	+ 5 37.2	2.531	3.313	11.9	21.0
2 11	11 43.68	+ 6 0.9	2.430	3.304	9.3	20.8
2 21	11 37.90	+ 6 33.1	2.353	3.294	6.2	20.6
3 2	11 30.76	+ 7 10.5	2.303	3.285	2.9	20.4
3 12	11 22.89	+ 7 48.6	2.283	3.275	1.4	20.3
3 22	11 15.04	+ 8 22.9	2.293	3.264	4.7	20.5
4 1	11 7.96	+ 8 49.6	2.332	3.254	8.0	20.7
4 11	11 2.28	+ 9 5.6	2.396	3.243	11.0	20.8

349437 2008 BP 3 10.6 58.°57 5.°5/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.52	+19 5.0	2.299	3.111	12.0	20.3
2 11	11 43.72	+20 9.4	2.228	3.115	9.4	20.1
2 21	11 37.96	+21 14.5	2.183	3.119	7.0	20.0
3 2	11 30.76	+22 13.4	2.164	3.123	5.5	19.9
3 12	11 22.90	+22 59.5	2.174	3.127	6.2	19.9
3 22	11 15.22	+23 28.1	2.211	3.131	8.3	20.1
4 1	11 8.53	+23 36.9	2.273	3.135	10.9	20.2
4 11	11 3.46	+23 26.0	2.358	3.140	13.2	20.4

371731 2007 EN_{127} 3 10.6 204.°24 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.66	+ 3 1.7	2.052	2.828	14.5	21.1
2 11	11 47.98	+ 3 0.3	1.958	2.826	11.4	20.9
2 21	11 41.02	+ 3 9.5	1.886	2.824	7.8	20.7
3 2	11 32.29	+ 3 26.7	1.841	2.821	3.7	20.4
3 12	11 22.65	+ 3 47.6	1.825	2.819	0.6	20.2
3 22	11 13.08	+ 4 7.7	1.838	2.816	4.9	20.5
4 1	11 4.57	+ 4 22.7	1.880	2.813	8.9	20.7
4 11	10 57.91	+ 4 29.2	1.946	2.809	12.5	20.9

56613 2000 JX_{62} 3 10.6 191.°63 2.°6/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.31	− 6 13.0	2.347	3.081	14.0	19.3
2 11	11 45.91	− 6 14.5	2.245	3.080	11.5	19.1
2 21	11 39.51	− 6 0.5	2.164	3.078	8.4	18.9
3 2	11 31.56	− 5 31.6	2.110	3.075	5.1	18.7
3 12	11 22.79	− 4 50.7	2.085	3.072	2.7	18.5
3 22	11 14.03	− 4 2.2	2.089	3.068	4.3	18.6
4 1	11 6.14	− 3 11.5	2.123	3.063	7.6	18.8
4 11	10 59.82	− 2 24.1	2.183	3.058	10.8	19.0

469087 2015 BO_{319} 3 10.6 261.°23 3.°1/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.34	+ 9 26.3	2.037	2.842	13.6	20.9
2 11	11 43.91	+10 19.8	1.947	2.835	10.5	20.7
2 21	11 38.31	+11 22.7	1.881	2.828	7.1	20.5
3 2	11 31.03	+12 29.0	1.841	2.820	3.8	20.2
3 12	11 22.88	+13 31.5	1.830	2.813	3.6	20.2
3 22	11 14.79	+14 23.4	1.847	2.806	6.8	20.4
4 1	11 7.68	+14 59.7	1.891	2.798	10.4	20.6
4 11	11 2.32	+15 17.8	1.958	2.791	13.7	20.8

189166 2002 TW_{226} 3 10.6 239.°11 0.°0/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.23	− 0 25.1	1.808	2.584	16.2	21.3
2 11	11 47.44	+ 0 15.1	1.699	2.567	12.9	21.1
2 21	11 41.05	+ 1 14.9	1.612	2.549	8.9	20.8
3 2	11 32.49	+ 2 31.3	1.550	2.530	4.3	20.5
3 12	11 22.64	+ 3 57.4	1.516	2.510	0.7	20.1
3 22	11 12.61	+ 5 24.6	1.512	2.489	5.8	20.4
4 1	11 3.62	+ 6 43.8	1.535	2.467	10.6	20.7
4 11	10 56.68	+ 7 47.9	1.582	2.444	14.9	20.9

253768 2003 WP_{117} 3 10.6 326.°35 3.°8/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.58	− 6 19.2	1.563	2.331	18.6	20.3
2 11	11 45.61	− 6 40.0	1.472	2.327	15.3	20.0
2 21	11 39.88	− 6 39.6	1.401	2.322	11.4	19.8
3 2	11 31.92	− 6 17.8	1.352	2.318	7.1	19.5
3 12	11 22.74	− 5 37.7	1.328	2.314	3.9	19.3
3 22	11 13.55	− 4 45.4	1.330	2.311	5.8	19.4
4 1	11 5.64	− 3 49.0	1.359	2.307	10.2	19.6
4 11	11 0.00	− 2 56.8	1.410	2.304	14.4	19.9

338395 2003 AL_{61} 3 10.6 9.°21 14.°4/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.69	−33 19.2	1.941	2.515	20.9	19.8
2 11	11 45.80	−35 25.3	1.858	2.518	19.5	19.6
2 21	11 40.13	−37 4.8	1.790	2.521	18.0	19.5
3 2	11 32.12	−38 10.1	1.737	2.525	16.5	19.4
3 12	11 22.69	−38 36.1	1.703	2.530	15.2	19.3
3 22	11 13.09	−38 22.0	1.688	2.536	14.5	19.3
4 1	11 4.66	−37 31.1	1.693	2.543	14.6	19.3
4 11	10 58.52	−36 12.4	1.719	2.550	15.4	19.4

503252 2015 KJ_{18} 3 10.6 324.°23 1.°9/12.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 41.50	− 6 54.2	2.154	2.909	14.5	21.3
2 11	11 39.28	− 6 12.4	2.050	2.899	11.8	21.1
2 21	11 35.15	− 5 9.5	1.967	2.889	8.6	20.9
3 2	11 29.54	− 3 47.5	1.909	2.880	4.9	20.6
3 12	11 23.14	− 2 11.6	1.880	2.870	2.0	20.4
3 22	11 16.73	− 0 29.1	1.880	2.861	4.2	20.5
4 1	11 11.14	+ 1 11.9	1.908	2.853	8.0	20.7
4 11	11 7.07	+ 2 43.6	1.963	2.845	11.5	20.9

241049 2006 RW_{90} 3 10.6 264.°83 0.°9/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.48	+ 4 46.6	2.425	3.207	12.3	20.8
2 11	11 43.68	+ 5 9.7	2.319	3.193	9.7	20.6
2 21	11 38.00	+ 5 42.4	2.238	3.179	6.5	20.4
3 2	11 30.86	+ 6 21.5	2.183	3.164	3.0	20.1
3 12	11 22.93	+ 7 2.3	2.158	3.150	1.3	19.9
3 22	11 14.97	+ 7 40.0	2.162	3.135	4.8	20.2
4 1	11 7.79	+ 8 10.3	2.195	3.120	8.3	20.4
4 11	11 2.06	+ 8 29.9	2.252	3.104	11.5	20.5

271719 2004 RT_{219} 3 10.6 168.°25 1.°4/12.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.54	− 1 43.7	2.613	3.356	12.5	21.7
2 11	11 47.33	− 1 49.2	2.516	3.361	10.1	21.5
2 21	11 40.30	− 1 43.7	2.443	3.365	7.1	21.3
3 2	11 31.89	− 1 28.6	2.397	3.369	3.9	21.1
3 12	11 22.79	− 1 6.7	2.381	3.372	1.4	20.9
3 22	11 13.76	− 0 41.3	2.396	3.375	3.8	21.1
4 1	11 5.57	− 0 16.5	2.441	3.376	7.0	21.3
4 11	10 58.84	+ 0 4.2	2.514	3.378	10.0	21.5

373471 2000 SE_{81} 3 10.6 210.°75 3.°5/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.73	+13 42.9	2.553	3.343	11.6	22.3
2 11	11 47.63	+14 23.5	2.457	3.335	9.0	22.1
2 21	11 40.58	+15 8.0	2.386	3.326	6.2	21.9
3 2	11 32.06	+15 51.2	2.344	3.317	3.9	21.7
3 12	11 22.77	+16 27.7	2.332	3.307	3.9	21.7
3 22	11 13.53	+16 52.9	2.350	3.296	6.4	21.8
4 1	11 5.16	+17 4.0	2.396	3.285	9.3	22.0
4 11	10 58.33	+16 59.7	2.467	3.273	12.0	22.2

103083 1999 XY_{159} 3 10.6 179.°88 2.°7/13.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.82	− 6 31.5	2.079	2.821	15.4	19.8
2 11	11 45.78	− 6 24.2	1.983	2.823	12.6	19.6
2 21	11 39.56	− 5 58.5	1.908	2.824	9.2	19.4
3 2	11 31.64	− 5 15.5	1.858	2.824	5.5	19.1
3 12	11 22.83	− 4 18.8	1.836	2.824	2.7	19.0
3 22	11 14.06	− 3 14.3	1.844	2.823	4.6	19.1
4 1	11 6.29	− 2 8.6	1.880	2.822	8.3	19.3
4 11	11 0.28	− 1 8.4	1.941	2.820	11.8	19.5

386142 2007 TC_{158} 3 10.6 127.°91 3.°3/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.92	−10 22.0	2.574	3.290	13.4	21.6
2 11	11 42.25	−10 12.0	2.482	3.300	11.1	21.5
2 21	11 36.89	− 9 44.7	2.412	3.310	8.4	21.3
3 2	11 30.28	− 9 0.9	2.367	3.320	5.5	21.1
3 12	11 23.06	− 8 3.7	2.350	3.330	3.4	21.0
3 22	11 15.94	− 6 57.6	2.363	3.339	4.1	21.1
4 1	11 9.61	− 5 48.2	2.405	3.348	6.7	21.2
4 11	11 4.64	− 4 41.1	2.475	3.356	9.5	21.4

93749 2000 VP_{62} 3 10.6 47.°35 2.°6/13.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.23	− 6 44.5	1.736	2.501	17.2	19.0
2 11	11 42.50	− 6 24.6	1.658	2.512	13.9	18.8
2 21	11 37.45	− 5 42.2	1.600	2.523	10.1	18.6
3 2	11 30.64	− 4 39.6	1.565	2.535	5.9	18.4
3 12	11 23.00	− 3 22.3	1.558	2.547	2.7	18.2
3 22	11 15.54	− 1 58.2	1.578	2.559	4.9	18.3
4 1	11 9.25	− 0 36.1	1.625	2.572	8.9	18.6
4 11	11 4.89	+ 0 36.4	1.696	2.585	12.7	18.9

440002 2002 CJ_{191} 3 10.6 99.°70 2.°1/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.98	+ 4 57.1	1.722	2.515	16.2	22.0
2 11	11 48.32	+ 6 4.8	1.662	2.543	12.4	21.8
2 21	11 41.21	+ 7 25.9	1.625	2.570	8.2	21.6
3 2	11 32.34	+ 8 53.2	1.615	2.596	3.8	21.4
3 12	11 22.75	+10 17.6	1.633	2.622	2.7	21.3
3 22	11 13.56	+11 30.8	1.680	2.646	6.6	21.6
4 1	11 5.79	+12 26.7	1.754	2.670	10.6	21.9
4 11	11 0.15	+13 2.6	1.852	2.694	14.0	22.2

458852 2011 UR_{80} 3 10.6 77.°18 0.°6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.10	+ 2 32.1	1.504	2.301	17.9	22.1
2 11	11 48.07	+ 2 57.7	1.439	2.320	14.0	21.9
2 21	11 41.29	+ 3 39.5	1.395	2.338	9.4	21.7
3 2	11 32.46	+ 4 32.1	1.375	2.357	4.3	21.4
3 12	11 22.73	+ 5 28.1	1.382	2.375	1.1	21.2
3 22	11 13.37	+ 6 19.4	1.416	2.393	6.1	21.6
4 1	11 5.56	+ 6 59.3	1.476	2.411	10.7	21.9
4 11	11 0.12	+ 7 23.8	1.559	2.429	14.7	22.2

383757 2007 VQ_{190} 3 10.6 119.°16 2.°4/ 7.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.42	+ 8 52.2	2.632	3.424	11.2	21.5
2 11	11 42.52	+ 9 52.7	2.558	3.439	8.6	21.3
2 21	11 36.99	+11 0.1	2.510	3.454	5.7	21.1
3 2	11 30.30	+12 9.4	2.490	3.468	3.0	21.0
3 12	11 23.07	+13 14.9	2.500	3.482	2.8	21.0
3 22	11 16.00	+14 11.6	2.540	3.496	5.4	21.2
4 1	11 9.74	+14 55.7	2.608	3.509	8.2	21.4
4 11	11 4.82	+15 25.1	2.702	3.522	10.7	21.6

115739 2003 UK_{188} 3 10.6 213.°24 0.°4/10.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.45	+ 3 3.5	1.913	2.694	15.2	20.9
2 11	11 48.06	+ 3 19.4	1.817	2.689	12.0	20.7
2 21	11 41.24	+ 3 48.0	1.743	2.683	8.2	20.4
3 2	11 32.49	+ 4 26.0	1.696	2.677	3.8	20.1
3 12	11 22.71	+ 5 7.8	1.677	2.670	0.9	19.9
3 22	11 12.95	+ 5 47.6	1.687	2.663	5.4	20.2
4 1	11 4.30	+ 6 19.6	1.724	2.655	9.7	20.4
4 11	10 57.61	+ 6 39.8	1.786	2.647	13.5	20.7

133419 2003 SE_{189} 3 10.6 82.°59 0.°1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.87	+ 0 41.0	2.042	2.823	14.4	19.9
2 11	11 43.44	+ 1 7.7	1.957	2.827	11.4	19.7
2 21	11 37.92	+ 1 48.6	1.893	2.831	7.7	19.5
3 2	11 30.84	+ 2 40.4	1.856	2.836	3.7	19.3
3 12	11 22.98	+ 3 37.5	1.847	2.840	0.5	19.0
3 22	11 15.24	+ 4 33.8	1.866	2.844	4.7	19.3
4 1	11 8.50	+ 5 23.3	1.914	2.849	8.7	19.6
4 11	11 3.45	+ 6 1.6	1.986	2.853	12.1	19.8

310466 2000 ST_{12} 3 10.6 160.°48 3.°0/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.08	+ 9 59.7	2.133	2.923	13.5	21.9
2 11	11 48.92	+10 49.7	2.053	2.932	10.5	21.7
2 21	11 41.55	+11 47.3	1.997	2.940	7.1	21.5
3 2	11 32.53	+12 46.5	1.968	2.946	3.8	21.3
3 12	11 22.72	+13 40.4	1.970	2.952	3.5	21.3
3 22	11 13.10	+14 23.3	2.001	2.958	6.6	21.5
4 1	11 4.60	+14 50.9	2.060	2.962	10.0	21.7
4 11	10 57.94	+15 1.7	2.143	2.965	13.1	21.9

317084 2001 SS_{303} 3 10.6 191.°92 0.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.33	+ 2 22.7	1.991	2.772	14.7	20.9
2 11	11 46.25	+ 2 41.0	1.900	2.771	11.6	20.7
2 21	11 39.91	+ 3 12.3	1.831	2.770	7.9	20.5
3 2	11 31.82	+ 3 53.1	1.788	2.769	3.7	20.2
3 12	11 22.83	+ 4 38.0	1.774	2.767	0.7	20.0
3 22	11 13.92	+ 5 21.3	1.788	2.765	5.1	20.3
4 1	11 6.06	+ 5 57.5	1.831	2.763	9.2	20.5
4 11	11 0.04	+ 6 22.4	1.897	2.760	12.8	20.7

40597 1999 RG_{149} 3 10.6 168.°58 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.82	+ 0 56.6	2.207	2.981	13.6	19.7
2 11	11 44.03	+ 1 26.4	2.116	2.983	10.8	19.5
2 21	11 38.26	+ 2 9.5	2.048	2.985	7.3	19.3
3 2	11 30.99	+ 3 2.7	2.007	2.987	3.5	19.0
3 12	11 22.97	+ 4 0.7	1.995	2.989	0.6	18.8
3 22	11 15.03	+ 4 57.6	2.013	2.990	4.6	19.1
4 1	11 8.01	+ 5 48.1	2.058	2.991	8.3	19.3
4 11	11 2.59	+ 6 27.5	2.129	2.991	11.6	19.5

498901 2009 AU_1 3 10.6 65.°02 3.°6/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.79	+18 39.8	3.809	4.607	7.9	21.1
2 11	11 39.93	+19 52.6	3.767	4.646	6.1	21.0
2 21	11 34.97	+21 4.8	3.753	4.686	4.5	20.9
3 2	11 29.27	+22 12.1	3.770	4.724	3.6	20.9
3 12	11 23.26	+23 10.7	3.817	4.763	4.1	21.0
3 22	11 17.42	+23 57.7	3.893	4.801	5.4	21.1
4 1	11 12.17	+24 31.6	3.998	4.839	7.0	21.3
4 11	11 7.86	+24 51.9	4.127	4.876	8.5	21.4

454941 2015 TJ_{180} 3 10.6 38.°62 5.°0/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.36	+12 42.8	1.004	1.845	21.7	20.8
2 11	11 52.25	+13 7.6	0.967	1.873	16.8	20.6
2 21	11 44.38	+13 38.9	0.948	1.901	11.3	20.4
3 2	11 33.89	+14 6.8	0.951	1.931	6.3	20.2
3 12	11 22.56	+14 21.2	0.977	1.961	5.6	20.3
3 22	11 12.22	+14 16.3	1.027	1.993	9.8	20.6
4 1	11 4.34	+13 50.4	1.099	2.024	14.5	21.0
4 11	10 59.71	+13 5.2	1.190	2.057	18.5	21.3

88636 2001 RM_{45} 3 10.6 179.°04 1.°3/ 9.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.67	+ 5 23.4	2.234	3.017	13.2	20.6
2 11	11 46.23	+ 5 56.7	2.144	3.018	10.3	20.4
2 21	11 39.74	+ 6 40.0	2.078	3.019	6.9	20.2
3 2	11 31.70	+ 7 29.3	2.039	3.020	3.2	20.0
3 12	11 22.87	+ 8 18.9	2.029	3.020	1.7	19.9
3 22	11 14.15	+ 9 3.5	2.049	3.019	5.2	20.1
4 1	11 6.38	+ 9 38.2	2.098	3.018	8.9	20.3
4 11	11 0.27	+ 9 59.9	2.171	3.016	12.1	20.5

361152 2006 HD_{152} 3 10.6 303.°05 2.°4/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.31	+ 5 41.9	1.403	2.222	17.8	21.3
2 11	11 45.09	+ 6 22.2	1.307	2.202	14.1	21.0
2 21	11 39.85	+ 7 20.0	1.231	2.181	9.5	20.7
3 2	11 32.08	+ 8 29.5	1.179	2.161	4.6	20.3
3 12	11 22.78	+ 9 41.4	1.152	2.142	3.0	20.2
3 22	11 13.34	+10 45.2	1.150	2.122	8.0	20.4
4 1	11 5.21	+11 32.0	1.173	2.103	13.3	20.6
4 11	10 59.58	+11 56.2	1.216	2.085	18.0	20.9

271668 2004 RX_{59} 3 10.6 156.°25 0.°7/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.49	+ 0 32.1	2.434	3.191	13.0	21.6
2 11	11 47.41	+ 0 32.8	2.343	3.198	10.3	21.4
2 21	11 40.41	+ 0 44.2	2.275	3.205	7.1	21.2
3 2	11 31.98	+ 1 4.2	2.234	3.211	3.6	21.0
3 12	11 22.84	+ 1 29.3	2.224	3.217	0.7	20.8
3 22	11 13.81	+ 1 55.6	2.244	3.222	4.1	21.1
4 1	11 5.70	+ 2 19.1	2.293	3.226	7.5	21.3
4 11	10 59.15	+ 2 36.4	2.369	3.230	10.6	21.5

386225 2007 YB_{12} 3 10.6 107.°25 0.°0/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.52	+ 2 24.6	2.432	3.207	12.5	21.8
2 11	11 43.58	+ 2 38.5	2.343	3.211	9.8	21.6
2 21	11 37.84	+ 3 2.5	2.278	3.215	6.7	21.4
3 2	11 30.76	+ 3 34.0	2.240	3.220	3.2	21.2
3 12	11 23.04	+ 4 8.7	2.230	3.224	0.5	21.0
3 22	11 15.41	+ 4 42.3	2.251	3.228	4.2	21.3
4 1	11 8.63	+ 5 10.8	2.300	3.232	7.6	21.5
4 11	11 3.31	+ 5 30.8	2.375	3.236	10.6	21.7

382301 2012 VH_{97} 3 10.6 106.°40 4.°5/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.14	−10 42.7	2.544	3.245	13.8	20.7
2 11	11 47.14	−11 26.5	2.452	3.256	11.6	20.5
2 21	11 40.24	−11 55.7	2.380	3.266	9.0	20.4
3 2	11 31.91	−12 9.4	2.335	3.276	6.4	20.2
3 12	11 22.86	−12 8.2	2.318	3.286	4.6	20.1
3 22	11 13.86	−11 54.4	2.331	3.296	5.1	20.2
4 1	11 5.73	−11 32.0	2.372	3.306	7.3	20.3
4 11	10 59.12	−11 5.7	2.440	3.315	9.9	20.5

179336 2001 XT_{21} 3 10.6 169.°13 6.°2/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.06	+21 25.7	2.332	3.136	12.1	20.0
2 11	11 47.28	+22 39.5	2.261	3.140	9.7	19.9
2 21	11 40.41	+23 52.6	2.216	3.143	7.4	19.8
3 2	11 32.00	+24 57.4	2.197	3.146	6.2	19.7
3 12	11 22.85	+25 47.0	2.208	3.149	6.9	19.7
3 22	11 13.89	+26 16.5	2.246	3.151	9.0	19.9
4 1	11 5.98	+26 23.9	2.310	3.152	11.4	20.0
4 11	10 59.83	+26 10.1	2.395	3.153	13.7	20.2

364227 2006 SX_{43} 3 10.6 214.°94 0.°4/11.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.99	− 0 21.8	2.119	2.887	14.3	22.6
2 11	11 45.94	+ 0 6.2	2.017	2.879	11.4	22.4
2 21	11 39.71	+ 0 49.5	1.937	2.871	7.9	22.2
3 2	11 31.76	+ 1 45.2	1.883	2.862	3.9	21.9
3 12	11 22.87	+ 2 48.2	1.859	2.852	0.6	21.6
3 22	11 13.96	+ 3 52.0	1.864	2.842	4.8	21.9
4 1	11 5.98	+ 4 50.4	1.897	2.831	8.8	22.1
4 11	10 59.72	+ 5 37.9	1.956	2.819	12.5	22.3

213614 2002 PP_{178} 3 10.6 267.°53 1.°3/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.16	+ 2 52.7	1.705	2.504	16.0	20.5
2 11	11 44.29	+ 3 43.4	1.610	2.493	12.6	20.3
2 21	11 38.90	+ 4 51.9	1.536	2.481	8.5	20.0
3 2	11 31.47	+ 6 13.2	1.487	2.470	3.9	19.7
3 12	11 22.91	+ 7 39.0	1.466	2.458	1.9	19.5
3 22	11 14.32	+ 9 0.2	1.473	2.446	6.5	19.8
4 1	11 6.84	+10 8.3	1.506	2.434	11.1	20.0
4 11	11 1.42	+10 57.6	1.561	2.422	15.2	20.2

10124 Hemse 3 10.6 166.°94 1.°1/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.83	+ 5 12.2	1.848	2.631	15.6	18.1
2 11	11 50.67	+ 5 30.4	1.763	2.636	12.2	17.9
2 21	11 42.96	+ 5 59.7	1.700	2.640	8.2	17.6
3 2	11 33.29	+ 6 35.9	1.663	2.644	3.8	17.4
3 12	11 22.64	+ 7 13.0	1.655	2.647	1.6	17.2
3 22	11 12.15	+ 7 44.9	1.676	2.649	5.9	17.5
4 1	11 2.94	+ 8 6.8	1.725	2.651	10.1	17.8
4 11	10 55.86	+ 8 15.6	1.798	2.651	13.8	18.0

59630 1999 JK_{77} 3 10.6 259.°98 2.°8/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.44	+ 7 7.0	2.103	2.902	13.4	19.8
2 11	11 43.28	+ 8 23.9	1.999	2.884	10.4	19.6
2 21	11 37.99	+ 9 54.5	1.919	2.865	7.0	19.3
3 2	11 30.98	+11 32.7	1.866	2.847	3.6	19.1
3 12	11 22.99	+13 10.2	1.843	2.827	3.5	19.0
3 22	11 14.92	+14 38.7	1.849	2.808	6.9	19.2
4 1	11 7.71	+15 51.0	1.883	2.787	10.6	19.4
4 11	11 2.17	+16 43.0	1.940	2.767	14.0	19.5

148605 2001 RT_{63} 3 10.6 116.°56 1.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.34	+ 5 53.5	2.125	2.910	13.7	21.1
2 11	11 46.69	+ 6 34.9	2.053	2.929	10.6	21.0
2 21	11 39.97	+ 7 26.2	2.005	2.947	7.0	20.8
3 2	11 31.76	+ 8 22.4	1.984	2.965	3.3	20.6
3 12	11 22.90	+ 9 17.2	1.992	2.982	2.0	20.5
3 22	11 14.28	+10 5.1	2.030	2.998	5.5	20.8
4 1	11 6.76	+10 41.3	2.096	3.014	9.0	21.0
4 11	11 0.99	+11 3.3	2.187	3.030	12.1	21.2

253096 2002 TZ_{271} 3 10.6 244.°74 0.°7/10.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.70	+ 4 26.0	1.872	2.658	15.3	20.3
2 11	11 48.38	+ 4 36.0	1.773	2.648	12.1	20.1
2 21	11 41.54	+ 4 57.5	1.697	2.638	8.2	19.8
3 2	11 32.69	+ 5 27.0	1.646	2.627	3.8	19.5
3 12	11 22.73	+ 5 59.1	1.624	2.616	1.2	19.3
3 22	11 12.75	+ 6 28.1	1.630	2.605	5.7	19.6
4 1	11 3.89	+ 6 48.8	1.663	2.594	10.1	19.8
4 11	10 57.05	+ 6 57.6	1.721	2.582	14.0	20.0

85926 1999 CV_{115} 3 10.6 322.°48 7.°0/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.00	− 8 47.1	1.443	2.209	20.0	19.1
2 11	11 45.83	−10 2.7	1.332	2.179	17.1	18.8
2 21	11 40.59	−11 1.1	1.239	2.149	13.6	18.5
3 2	11 32.58	−11 38.2	1.166	2.120	9.8	18.2
3 12	11 22.70	−11 51.7	1.117	2.092	7.2	18.0
3 22	11 12.30	−11 42.8	1.093	2.065	8.2	17.9
4 1	11 2.97	−11 16.7	1.091	2.039	12.2	18.1
4 11	10 56.13	−10 42.2	1.111	2.015	16.7	18.2

235957 2005 EP_{194} 3 10.6 253.°86 0.°8/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.66	− 1 40.7	2.291	3.058	13.4	21.6
2 11	11 42.37	− 1 15.4	2.189	3.050	10.7	21.4
2 21	11 37.19	− 0 35.4	2.110	3.042	7.5	21.2
3 2	11 30.53	+ 0 17.1	2.057	3.034	3.8	20.9
3 12	11 23.08	+ 1 17.4	2.033	3.025	0.8	20.7
3 22	11 15.64	+ 2 20.0	2.038	3.017	4.2	20.9
4 1	11 9.00	+ 3 18.9	2.071	3.009	7.9	21.1
4 11	11 3.87	+ 4 9.0	2.130	3.000	11.3	21.3

158512 2002 EZ_{105} 3 10.6 288.°55 3.°2/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.53	+ 8 14.5	1.899	2.709	14.2	20.0
2 11	11 42.73	+ 9 23.6	1.807	2.698	11.0	19.7
2 21	11 37.67	+10 45.3	1.738	2.687	7.4	19.5
3 2	11 30.83	+12 12.8	1.696	2.676	4.0	19.2
3 12	11 23.03	+13 37.5	1.682	2.665	3.9	19.2
3 22	11 15.23	+14 51.2	1.695	2.654	7.3	19.4
4 1	11 8.44	+15 47.2	1.735	2.643	11.2	19.6
4 11	11 3.48	+16 22.0	1.798	2.633	14.6	19.8

344567 2002 XB_{46} 3 10.6 97.°29 1.°4/12.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.68	− 3 49.7	2.692	3.432	12.3	20.9
2 11	11 44.14	− 3 33.0	2.618	3.461	9.8	20.7
2 21	11 38.01	− 3 3.5	2.568	3.488	6.9	20.6
3 2	11 30.78	− 2 23.5	2.544	3.515	3.8	20.4
3 12	11 23.07	− 1 36.6	2.551	3.542	1.4	20.3
3 22	11 15.56	− 0 46.9	2.588	3.568	3.5	20.5
4 1	11 8.89	+ 0 0.9	2.656	3.593	6.4	20.7
4 11	11 3.57	+ 0 43.0	2.750	3.618	9.1	20.9

216072 2006 QL_{29} 3 10.6 192.°79 1.°8/ 8.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.22	+ 6 14.7	2.134	2.920	13.7	21.2
2 11	11 46.81	+ 6 57.1	2.042	2.918	10.6	20.9
2 21	11 40.23	+ 7 50.3	1.973	2.916	7.1	20.7
3 2	11 31.98	+ 8 49.2	1.932	2.913	3.4	20.5
3 12	11 22.86	+ 9 47.7	1.920	2.909	2.3	20.4
3 22	11 13.81	+10 39.4	1.938	2.905	5.8	20.6
4 1	11 5.76	+11 19.2	1.983	2.900	9.5	20.8
4 11	10 59.45	+11 43.8	2.054	2.894	12.9	21.0

89268 2001 VY_{8} 3 10.6 218.°22 1.°1/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.32	− 1 44.0	1.975	2.737	15.4	20.5
2 11	11 47.98	− 1 27.4	1.870	2.728	12.4	20.3
2 21	11 41.24	− 0 54.2	1.787	2.717	8.7	20.0
3 2	11 32.55	− 0 6.4	1.730	2.706	4.5	19.7
3 12	11 22.76	+ 0 51.1	1.701	2.694	1.1	19.5
3 22	11 12.90	+ 1 52.0	1.702	2.681	5.0	19.7
4 1	11 4.05	+ 2 49.2	1.731	2.667	9.3	19.9
4 11	10 57.11	+ 3 37.0	1.785	2.653	13.2	20.1

320764 2008 EA_{86} 3 10.6 15.°02 2.°9/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 41.93	+ 4 56.8	1.185	2.023	19.3	20.6
2 11	11 40.91	+ 6 4.2	1.123	2.028	14.9	20.3
2 21	11 36.88	+ 7 31.8	1.080	2.035	9.9	20.1
3 2	11 30.54	+ 9 10.3	1.059	2.043	4.7	19.8
3 12	11 23.09	+10 46.9	1.063	2.052	3.7	19.7
3 22	11 15.93	+12 9.4	1.091	2.063	8.5	20.0
4 1	11 10.37	+13 8.4	1.142	2.075	13.4	20.4
4 11	11 7.34	+13 40.0	1.213	2.088	17.7	20.6

471898 2013 BJ_{25} 3 10.6 350.°90 2.°8/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.12	− 6 38.0	2.580	3.315	12.9	21.1
2 11	11 42.47	− 6 50.2	2.480	3.314	10.6	20.9
2 21	11 37.11	− 6 48.6	2.403	3.313	7.8	20.8
3 2	11 30.45	− 6 33.9	2.352	3.313	5.0	20.6
3 12	11 23.12	− 6 8.1	2.328	3.312	2.9	20.4
3 22	11 15.81	− 5 34.7	2.335	3.312	4.0	20.5
4 1	11 9.25	− 4 58.0	2.369	3.312	6.8	20.7
4 11	11 4.03	− 4 22.6	2.431	3.311	9.7	20.9

376785 2000 QV_{147} 3 10.6 262.°22 4.°0/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 55.56	− 6 30.7	2.184	2.911	15.2	21.0
2 11	11 50.50	− 7 14.4	2.061	2.889	12.7	20.7
2 21	11 42.99	− 7 45.0	1.961	2.866	9.6	20.5
3 2	11 33.45	− 8 1.3	1.885	2.843	6.3	20.2
3 12	11 22.62	− 8 3.8	1.839	2.820	4.0	20.0
3 22	11 11.52	− 7 54.6	1.822	2.796	5.4	20.1
4 1	11 1.24	− 7 37.8	1.834	2.771	8.9	20.2
4 11	10 52.73	− 7 18.5	1.872	2.746	12.4	20.4

40367 1999 NA_{28} 3 10.6 249.°31 0.°1/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.76	+ 1 58.9	1.879	2.660	15.5	19.8
2 11	11 47.75	+ 2 17.0	1.773	2.643	12.3	19.6
2 21	11 41.20	+ 2 49.7	1.688	2.626	8.5	19.3
3 2	11 32.59	+ 3 33.9	1.628	2.608	4.1	19.0
3 12	11 22.77	+ 4 24.1	1.597	2.590	0.7	18.7
3 22	11 12.83	+ 5 13.8	1.594	2.571	5.5	19.0
4 1	11 3.90	+ 5 56.4	1.619	2.552	10.1	19.2
4 11	10 56.96	+ 6 26.8	1.668	2.532	14.2	19.4

500449 2012 TJ_{198} 3 10.6 144.°63 2.°1/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.54	− 6 55.6	2.968	3.692	11.6	23.4
2 11	11 42.48	− 6 42.7	2.875	3.703	9.4	23.3
2 21	11 36.93	− 6 16.3	2.804	3.713	6.9	23.1
3 2	11 30.31	− 5 37.8	2.761	3.723	4.2	22.9
3 12	11 23.16	− 4 50.2	2.747	3.733	2.2	22.8
3 22	11 16.10	− 3 57.1	2.764	3.742	3.4	22.9
4 1	11 9.73	− 3 2.9	2.810	3.750	6.0	23.1
4 11	11 4.53	− 2 12.0	2.885	3.758	8.6	23.3

320390 2007 UR_{48} 3 10.6 154.°80 1.°6/ 8.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.94	+ 6 45.9	2.590	3.376	11.5	21.6
2 11	11 43.02	+ 7 26.0	2.504	3.380	8.9	21.4
2 21	11 37.42	+ 8 14.1	2.442	3.385	5.9	21.3
3 2	11 30.57	+ 9 6.2	2.408	3.389	2.8	21.1
3 12	11 23.12	+ 9 57.2	2.404	3.393	2.0	21.0
3 22	11 15.78	+10 42.4	2.431	3.397	4.9	21.2
4 1	11 9.22	+11 17.9	2.485	3.400	7.9	21.4
4 11	11 4.03	+11 41.1	2.565	3.403	10.7	21.6

45776 2000 NZ_{28} 3 10.6 289.°75 0.°5/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.23	+ 0 14.8	2.218	2.992	13.6	19.6
2 11	11 42.97	+ 0 31.0	2.108	2.975	10.8	19.4
2 21	11 37.70	+ 1 0.6	2.021	2.957	7.5	19.1
3 2	11 30.84	+ 1 41.4	1.961	2.939	3.7	18.9
3 12	11 23.07	+ 2 28.9	1.928	2.922	0.6	18.6
3 22	11 15.23	+ 3 18.0	1.925	2.904	4.5	18.8
4 1	11 8.19	+ 4 2.9	1.949	2.886	8.4	19.0
4 11	11 2.71	+ 4 39.0	1.999	2.869	11.9	19.2

56871 2000 QB_{108} 3 10.6 84.°87 0.°2/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.16	+ 2 44.5	2.400	3.175	12.7	19.5
2 11	11 44.01	+ 3 2.3	2.323	3.191	9.9	19.3
2 21	11 38.08	+ 3 30.0	2.269	3.207	6.7	19.1
3 2	11 30.87	+ 4 4.6	2.243	3.223	3.1	18.9
3 12	11 23.08	+ 4 41.8	2.245	3.238	0.6	18.7
3 22	11 15.47	+ 5 17.1	2.278	3.254	4.2	19.0
4 1	11 8.77	+ 5 46.4	2.339	3.269	7.6	19.3
4 11	11 3.55	+ 6 6.6	2.426	3.285	10.5	19.5

265043 2003 QG_{27} 3 10.6 303.°48 5.°1/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.20	− 8 59.5	1.804	2.549	17.3	20.4
2 11	11 45.25	− 9 37.5	1.687	2.523	14.6	20.2
2 21	11 39.72	− 9 57.0	1.590	2.496	11.4	19.9
3 2	11 31.99	− 9 56.0	1.515	2.470	7.8	19.6
3 12	11 22.87	− 9 34.9	1.466	2.445	5.2	19.4
3 22	11 13.44	− 8 57.0	1.444	2.419	6.3	19.4
4 1	11 4.92	− 8 8.4	1.448	2.393	9.9	19.5
4 11	10 58.38	− 7 17.1	1.475	2.368	14.0	19.7

464214 2015 BG_{204} 3 10.6 207.°10 0.°4/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.20	− 0 49.7	2.016	2.792	14.7	21.6
2 11	11 43.02	− 0 15.6	1.924	2.792	11.6	21.4
2 21	11 37.74	+ 0 34.9	1.855	2.791	8.0	21.1
3 2	11 30.83	+ 1 38.5	1.811	2.790	3.9	20.9
3 12	11 23.09	+ 2 49.4	1.796	2.789	0.6	20.6
3 22	11 15.42	+ 4 0.6	1.810	2.789	4.7	20.9
4 1	11 8.71	+ 5 5.4	1.851	2.788	8.8	21.2
4 11	11 3.71	+ 5 58.2	1.917	2.787	12.4	21.4

251826 1999 TK_{179} 3 10.7 162.°14 2.°6/13.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.03	− 6 18.3	1.969	2.716	16.0	21.4
2 11	11 46.07	− 6 9.7	1.878	2.721	13.0	21.2
2 21	11 39.83	− 5 41.8	1.807	2.725	9.5	21.0
3 2	11 31.84	− 4 56.0	1.762	2.729	5.6	20.8
3 12	11 22.95	− 3 56.4	1.744	2.732	2.7	20.6
3 22	11 14.13	− 2 49.2	1.755	2.735	4.7	20.7
4 1	11 6.39	− 1 41.6	1.794	2.737	8.6	20.9
4 11	11 0.50	− 0 40.4	1.859	2.739	12.2	21.2

140390 2001 TB_{55} 3 10.7 210.°82 3.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.40	− 9 47.5	2.487	3.209	13.6	20.4
2 11	11 42.03	− 9 42.4	2.384	3.207	11.3	20.2
2 21	11 36.89	− 9 19.9	2.302	3.204	8.6	20.0
3 2	11 30.39	− 8 40.6	2.246	3.201	5.6	19.8
3 12	11 23.18	− 7 47.0	2.218	3.198	3.5	19.7
3 22	11 15.98	− 6 43.6	2.218	3.195	4.3	19.7
4 1	11 9.55	− 5 36.1	2.248	3.191	7.0	19.9
4 11	11 4.50	− 4 30.5	2.304	3.188	10.0	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
20882	2000 VH_{57}		3 10.7	142.°91	0.°5/10.2	18
	h m	° ′			°	m
2 1	11 53.18	+ 2 33.9	2.058	2.831	14.5	19.0
2 11	11 48.28	+ 3 4.6	1.977	2.844	11.4	18.9
2 21	11 41.16	+ 3 48.0	1.919	2.857	7.7	18.6
3 2	11 32.40	+ 4 40.0	1.888	2.869	3.6	18.4
3 12	11 22.88	+ 5 34.8	1.887	2.880	0.9	18.2
3 22	11 13.54	+ 6 26.2	1.915	2.890	5.1	18.5
4 1	11 5.33	+ 7 9.0	1.972	2.899	8.9	18.8
4 11	10 58.97	+ 7 39.3	2.054	2.908	12.3	19.0
102484	1999 TU_{256}		3 10.7	105.°08	0.°2/10.9	18
2 1	11 50.33	− 0 41.6	1.793	2.570	16.2	20.8
2 11	11 46.32	− 0 2.9	1.720	2.588	12.8	20.6
2 21	11 39.96	+ 0 53.2	1.669	2.606	8.7	20.4
3 2	11 31.86	+ 2 2.5	1.644	2.623	4.2	20.2
3 12	11 22.96	+ 3 17.9	1.646	2.640	0.6	19.9
3 22	11 14.32	+ 4 31.5	1.678	2.656	5.1	20.3
4 1	11 6.94	+ 5 36.2	1.737	2.672	9.4	20.6
4 11	11 1.54	+ 6 26.5	1.820	2.688	13.0	20.8
52010	2002 JA_{59}		3 10.7	292.°88	0.°8/ 9.9	18
2 1	11 47.74	+ 3 40.1	1.934	2.726	14.7	19.6
2 11	11 44.50	+ 4 2.3	1.829	2.707	11.6	19.4
2 21	11 38.94	+ 4 37.7	1.746	2.689	7.9	19.1
3 2	11 31.51	+ 5 22.5	1.688	2.670	3.7	18.8
3 12	11 23.00	+ 6 11.2	1.659	2.651	1.2	18.6
3 22	11 14.40	+ 6 57.4	1.657	2.633	5.6	18.8
4 1	11 6.76	+ 7 35.1	1.682	2.614	9.9	19.1
4 11	11 0.94	+ 7 59.7	1.731	2.596	13.7	19.3
317089	2001 SW_{344}		3 10.7	182.°54	5.°7/ 2.6	17
2 1	11 48.23	+22 20.1	2.756	3.560	10.4	21.0
2 11	11 44.06	+23 35.1	2.683	3.560	8.4	20.9
2 21	11 38.14	+24 49.0	2.636	3.560	6.6	20.8
3 2	11 30.94	+25 55.5	2.616	3.560	5.7	20.7
3 12	11 23.12	+26 48.6	2.626	3.559	6.4	20.7
3 22	11 15.40	+27 24.3	2.664	3.558	8.2	20.9
4 1	11 8.51	+27 40.3	2.727	3.557	10.3	21.0
4 11	11 3.03	+27 37.0	2.812	3.555	12.2	21.1
382658	2002 TU_{24}		3 10.7	85.°37	2.°8/ 7.8	18
2 1	11 52.17	+11 28.5	2.254	3.048	12.8	20.9
2 11	11 47.17	+11 57.6	2.188	3.069	9.9	20.8
2 21	11 40.22	+12 31.0	2.147	3.090	6.6	20.6
3 2	11 31.88	+13 4.0	2.133	3.111	3.6	20.5
3 12	11 22.98	+13 31.3	2.148	3.131	3.3	20.5
3 22	11 14.38	+13 48.7	2.193	3.151	6.0	20.7
4 1	11 6.87	+13 53.6	2.266	3.171	9.1	20.9
4 11	11 1.06	+13 45.1	2.363	3.191	11.8	21.1
495627	2015 TS_{336}		3 10.7	147.°85	1.°2/ 9.7	18
2 1	11 53.79	+ 3 36.1	1.601	2.394	17.2	22.2
2 11	11 49.45	+ 4 13.1	1.524	2.402	13.5	22.0
2 21	11 42.33	+ 5 5.7	1.467	2.410	9.1	21.8
3 2	11 33.08	+ 6 8.5	1.436	2.417	4.2	21.5
3 12	11 22.79	+ 7 13.5	1.432	2.424	1.7	21.3
3 22	11 12.70	+ 8 12.3	1.456	2.430	6.4	21.6
4 1	11 4.05	+ 8 57.9	1.507	2.435	11.1	21.9
4 11	10 57.73	+ 9 26.3	1.580	2.440	15.1	22.2
429999	2013 QJ_{30}		3 10.7	169.°38	3.°0/ 6.9	16
2 1	11 47.96	+ 9 0.1	2.307	3.103	12.5	21.7
2 11	11 44.10	+10 18.1	2.224	3.107	9.6	21.5
2 21	11 38.31	+11 45.4	2.165	3.110	6.4	21.3
3 2	11 31.07	+13 15.7	2.135	3.113	3.6	21.2
3 12	11 23.11	+14 41.6	2.135	3.115	3.6	21.2
3 22	11 15.25	+15 56.4	2.165	3.117	6.5	21.3
4 1	11 8.28	+16 54.9	2.223	3.118	9.7	21.5
4 11	11 2.87	+17 34.5	2.305	3.119	12.5	21.7
382697	2002 VR_{91}		3 10.7	48.°18	3.°8/ 7.7	18
2 1	11 55.25	+13 51.2	1.807	2.612	15.0	20.3
2 11	11 49.94	+14 9.0	1.752	2.638	11.6	20.1
2 21	11 42.22	+14 29.5	1.720	2.664	7.9	20.0
3 2	11 32.84	+14 46.8	1.714	2.690	4.6	19.8
3 12	11 22.86	+14 55.1	1.737	2.717	4.2	19.8
3 22	11 13.38	+14 50.7	1.787	2.744	7.2	20.1
4 1	11 5.38	+14 31.8	1.864	2.771	10.6	20.3
4 11	10 59.52	+13 58.9	1.965	2.798	13.6	20.6
415960	2001 XV_{112}		3 10.7	133.°02	5.°2/16.9	18
2 1	11 49.81	−15 55.0	2.474	3.151	14.7	21.5
2 11	11 45.40	−16 3.9	2.384	3.167	12.6	21.3
2 21	11 39.12	−15 52.8	2.314	3.182	10.0	21.2
3 2	11 31.43	−15 21.0	2.269	3.197	7.4	21.0
3 12	11 23.07	−14 30.3	2.251	3.211	5.5	20.9
3 22	11 14.83	−13 24.8	2.262	3.224	5.5	21.0
4 1	11 7.50	−12 10.5	2.302	3.237	7.4	21.1
4 11	11 1.69	−10 54.3	2.369	3.249	9.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
33923	Juliewarren		3 10.7	261.°14	1.°5/ 9.2	17
	h m	° ′			°	m
2 1	11 48.70	+ 4 50.9	1.990	2.782	14.3	20.0
2 11	11 45.19	+ 5 31.5	1.885	2.765	11.3	19.8
2 21	11 39.38	+ 6 25.5	1.803	2.747	7.6	19.5
3 2	11 31.72	+ 7 28.4	1.748	2.729	3.6	19.2
3 12	11 23.01	+ 8 33.5	1.720	2.711	2.0	19.1
3 22	11 14.21	+ 9 33.7	1.722	2.693	6.0	19.3
4 1	11 6.35	+10 22.6	1.751	2.674	10.1	19.5
4 11	11 0.29	+10 55.7	1.803	2.655	13.9	19.7
458877	2011 UB_{151}		3 10.7	93.°01	1.°6/ 9.3	18
2 1	11 54.08	+ 5 10.3	1.648	2.442	16.7	21.6
2 11	11 49.36	+ 5 46.8	1.585	2.465	13.0	21.4
2 21	11 42.05	+ 6 36.0	1.544	2.488	8.6	21.2
3 2	11 32.85	+ 7 31.9	1.528	2.510	4.0	21.0
3 12	11 22.86	+ 8 26.7	1.541	2.532	2.1	20.9
3 22	11 13.28	+ 9 13.5	1.582	2.553	6.3	21.2
4 1	11 5.17	+ 9 46.7	1.649	2.574	10.5	21.5
4 11	10 59.33	+10 3.5	1.740	2.594	14.1	21.8
306817	2001 QQ_{219}		3 10.7	159.°97	4.°9/16.2	16
2 1	11 51.03	−13 55.5	2.490	3.176	14.4	21.6
2 11	11 46.40	−14 16.0	2.392	3.184	12.3	21.4
2 21	11 39.84	−14 18.3	2.315	3.190	9.7	21.3
3 2	11 31.81	−14 1.5	2.263	3.197	7.1	21.1
3 12	11 23.02	−13 27.1	2.238	3.202	5.2	21.0
3 22	11 14.27	−12 38.4	2.243	3.207	5.4	21.0
4 1	11 6.39	−11 40.6	2.276	3.211	7.5	21.2
4 11	11 0.04	−10 40.0	2.336	3.215	10.1	21.3
140740	2001 UY_{105}		3 10.7	202.°52	0.°2/10.3	18
2 1	11 46.52	+ 2 13.5	2.866	3.632	11.0	21.3
2 11	11 42.60	+ 2 42.8	2.764	3.628	8.6	21.1
2 21	11 37.13	+ 3 21.8	2.687	3.624	5.8	20.9
3 2	11 30.48	+ 4 7.8	2.638	3.618	2.7	20.7
3 12	11 23.23	+ 4 56.9	2.620	3.613	0.6	20.5
3 22	11 16.00	+ 5 44.7	2.632	3.607	3.8	20.7
4 1	11 9.44	+ 6 27.2	2.673	3.601	6.9	20.9
4 11	11 4.08	+ 7 1.1	2.741	3.594	9.6	21.1
374427	2005 WU_{116}		3 10.7	142.°58	3.°4/ 7.1	17
2 1	11 49.36	+10 40.6	2.046	2.850	13.6	21.7
2 11	11 45.41	+11 37.8	1.969	2.855	10.5	21.5
2 21	11 39.29	+12 42.6	1.915	2.861	7.1	21.3
3 2	11 31.57	+13 48.7	1.888	2.866	4.0	21.1
3 12	11 23.06	+14 48.7	1.890	2.870	4.0	21.1
3 22	11 14.72	+15 36.5	1.920	2.875	7.0	21.3
4 1	11 7.45	+16 7.6	1.978	2.879	10.4	21.5
4 11	11 1.97	+16 20.3	2.058	2.883	13.4	21.7
270854	2002 TW_{41}		3 10.7	74.°06	3.°6/ 7.7	18
2 1	11 57.67	+11 13.8	1.713	2.512	16.0	21.5
2 11	11 51.82	+11 58.4	1.667	2.550	12.3	21.4
2 21	11 43.47	+12 48.7	1.643	2.587	8.2	21.2
3 2	11 33.42	+13 37.5	1.646	2.624	4.5	21.1
3 12	11 22.82	+14 17.3	1.678	2.660	4.1	21.1
3 22	11 12.83	+14 42.9	1.738	2.696	7.3	21.4
4 1	11 4.46	+14 51.4	1.825	2.731	10.9	21.7
4 11	10 58.36	+14 42.7	1.935	2.765	14.0	21.9
13070	Seanconnery		3 10.7	201.°48	1.°5/12.3	17
2 1	11 50.01	− 4 7.5	2.350	3.094	13.7	19.8
2 11	11 45.75	− 3 43.5	2.244	3.089	11.1	19.6
2 21	11 39.50	− 3 3.2	2.161	3.084	7.9	19.4
3 2	11 31.69	− 2 8.6	2.105	3.077	4.3	19.1
3 12	11 23.05	− 1 4.0	2.078	3.070	1.5	18.9
3 22	11 14.39	+ 0 5.1	2.082	3.061	4.1	19.1
4 1	11 6.58	+ 1 12.5	2.115	3.052	7.8	19.3
4 11	11 0.31	+ 2 12.4	2.174	3.042	11.2	19.5
362938	2012 WN_{33}		3 10.7	262.°04	7.°0/18.8	18
2 1	11 47.07	−20 3.1	2.534	3.186	14.9	20.5
2 11	11 43.51	−20 46.2	2.425	3.179	13.2	20.3
2 21	11 38.03	−21 9.9	2.335	3.172	11.1	20.1
3 2	11 31.02	−21 11.8	2.267	3.165	9.0	20.0
3 12	11 23.16	−20 51.3	2.225	3.158	7.4	19.9
3 22	11 15.22	−20 10.5	2.210	3.150	7.1	19.8
4 1	11 8.03	−19 13.8	2.221	3.143	8.4	19.9
4 11	11 2.31	−18 7.7	2.258	3.136	10.4	20.0
90010	2002 TS_{202}		3 10.7	149.°26	3.°9/ 6.2	18
2 1	11 50.64	+15 20.7	2.520	3.318	11.5	20.0
2 11	11 45.96	+16 4.6	2.443	3.324	8.9	19.9
2 21	11 39.44	+16 50.9	2.391	3.330	6.2	19.7
3 2	11 31.58	+17 34.2	2.366	3.336	4.2	19.6
3 12	11 23.10	+18 9.1	2.372	3.342	4.4	19.6
3 22	11 14.79	+18 31.5	2.406	3.347	6.6	19.7
4 1	11 7.41	+18 38.9	2.469	3.352	9.3	19.9
4 11	11 1.55	+18 30.8	2.555	3.356	11.8	20.1

151044 2001 UX_{205} 3 10.7 322.°40 5.°9/16.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 45.20	−13 19.3	1.714	2.447	18.5	19.4
2 11	11 42.85	−13 38.8	1.617	2.440	15.8	19.1
2 21	11 38.01	−13 32.8	1.537	2.432	12.5	18.9
3 2	11 31.15	−12 59.5	1.480	2.425	9.0	18.7
3 12	11 23.15	−12 0.6	1.446	2.419	6.3	18.5
3 22	11 15.10	−10 41.6	1.439	2.413	6.6	18.5
4 1	11 8.15	− 9 11.3	1.458	2.407	9.6	18.7
4 11	11 3.24	− 7 40.3	1.501	2.401	13.3	18.9

267030 1996 TV_{40} 3 10.7 126.°10 0.°6/ 9.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 49.69	+ 2 13.2	2.452	3.221	12.6	22.1
2 11	11 45.17	+ 2 57.7	2.375	3.240	9.8	22.0
2 21	11 38.88	+ 3 53.6	2.322	3.259	6.6	21.8
3 2	11 31.30	+ 4 56.8	2.297	3.277	3.0	21.6
3 12	11 23.15	+ 6 2.0	2.302	3.295	0.9	21.4
3 22	11 15.18	+ 7 3.6	2.338	3.311	4.4	21.7
4 1	11 8.12	+ 7 56.7	2.403	3.327	7.7	22.0
4 11	11 2.55	+ 8 38.0	2.495	3.342	10.6	22.2

85497 1997 TP_{11} 3 10.7 51.°48 0.°3/10.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.23	+ 0 38.0	2.082	2.860	14.2	20.1
2 11	11 43.74	+ 0 56.2	1.994	2.863	11.3	19.9
2 21	11 38.19	+ 1 27.9	1.928	2.865	7.7	19.7
3 2	11 31.08	+ 2 10.1	1.889	2.868	3.8	19.4
3 12	11 23.18	+ 2 57.9	1.877	2.871	0.5	19.2
3 22	11 15.39	+ 3 45.8	1.895	2.874	4.6	19.5
4 1	11 8.56	+ 4 28.1	1.940	2.876	8.5	19.7
4 11	11 3.41	+ 5 0.5	2.010	2.879	11.9	19.9

210306 2007 TQ_{149} 3 10.7 81.°83 8.°2/ 1.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 53.40	+29 22.0	2.291	3.091	12.4	20.2
2 11	11 48.34	+30 32.2	2.244	3.107	10.4	20.1
2 21	11 41.10	+31 34.5	2.220	3.123	8.8	20.0
3 2	11 32.35	+32 21.3	2.223	3.139	8.2	20.0
3 12	11 23.01	+32 46.4	2.252	3.155	8.9	20.1
3 22	11 14.04	+32 47.0	2.307	3.171	10.5	20.2
4 1	11 6.35	+32 23.2	2.385	3.186	12.4	20.3
4 11	11 0.55	+31 37.8	2.484	3.202	14.2	20.5

81488 2000 GC_{155} 3 10.7 51.°01 0.°2/10.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 51.39	+ 1 54.4	1.512	2.308	17.9	19.3
2 11	11 47.63	+ 1 57.7	1.442	2.321	14.1	19.1
2 21	11 41.11	+ 2 16.3	1.393	2.334	9.6	18.9
3 2	11 32.52	+ 2 46.7	1.367	2.348	4.6	18.6
3 12	11 22.97	+ 3 22.8	1.368	2.362	0.6	18.4
3 22	11 13.72	+ 3 57.7	1.396	2.376	5.7	18.8
4 1	11 5.95	+ 4 25.3	1.450	2.390	10.4	19.1
4 11	11 0.53	+ 4 41.1	1.527	2.405	14.5	19.3

122210 2000 NL_3 3 10.7 202.°87 5.°2/16.1 18 R

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 50.34	−13 37.5	2.367	3.060	14.9	20.3
2 11	11 46.10	−14 3.8	2.260	3.056	12.7	20.1
2 21	11 39.80	−14 11.7	2.174	3.052	10.1	20.0
3 2	11 31.88	−13 59.9	2.112	3.047	7.4	19.8
3 12	11 23.06	−13 29.3	2.077	3.041	5.4	19.6
3 22	11 14.19	−12 43.1	2.070	3.035	5.7	19.6
4 1	11 6.16	−11 46.5	2.092	3.028	8.0	19.8
4 11	10 59.72	−10 46.2	2.140	3.021	10.8	19.9

461986 2006 VN_{169} 3 10.7 167.°64 0.°0/10.6 16

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 50.40	+ 1 9.1	2.255	3.023	13.6	22.3
2 11	11 46.02	+ 1 39.5	2.164	3.028	10.7	22.1
2 21	11 39.64	+ 2 22.9	2.097	3.032	7.3	21.8
3 2	11 31.75	+ 3 15.9	2.056	3.036	3.5	21.6
3 12	11 23.09	+ 4 13.3	2.045	3.039	0.6	21.4
3 22	11 14.53	+ 5 9.3	2.065	3.041	4.6	21.7
4 1	11 6.91	+ 5 58.7	2.113	3.043	8.3	21.9
4 11	11 0.92	+ 6 37.1	2.187	3.044	11.5	22.1

380444 2003 SF_{281} 3 10.7 208.°98 3.°6/ 6.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 50.39	+13 34.3	2.430	3.228	11.9	21.2
2 11	11 45.94	+14 20.1	2.341	3.223	9.2	21.0
2 21	11 39.56	+15 10.2	2.276	3.217	6.4	20.8
3 2	11 31.70	+15 59.2	2.238	3.212	4.0	20.6
3 12	11 23.10	+16 41.3	2.231	3.205	4.1	20.6
3 22	11 14.58	+17 11.7	2.252	3.199	6.6	20.8
4 1	11 6.94	+17 27.1	2.301	3.192	9.6	21.0
4 11	11 0.86	+17 26.3	2.374	3.184	12.3	21.1

70246 1999 RQ_{82} 3 10.7 335.°98 3.°5/12.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 53.74	− 0 15.3	1.262	2.061	20.6	17.3
2 11	11 50.55	− 1 25.2	1.172	2.048	16.9	17.0
2 21	11 43.86	− 2 22.9	1.100	2.035	12.3	16.7
3 2	11 34.17	− 3 7.1	1.049	2.024	7.2	16.4
3 12	11 22.69	− 3 38.3	1.023	2.013	3.5	16.1
3 22	11 11.04	− 3 59.1	1.022	2.004	6.9	16.3
4 1	11 0.98	− 4 13.9	1.045	1.995	12.3	16.5
4 11	10 53.88	− 4 28.6	1.089	1.988	17.3	16.8

433973 1999 TQ_{218} 3 10.7 213.°11 1.°0/ 9.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 49.90	+ 5 7.1	2.774	3.545	11.2	22.4
2 11	11 45.33	+ 5 36.5	2.669	3.536	8.8	22.2
2 21	11 39.04	+ 6 14.4	2.587	3.526	5.9	22.0
3 2	11 31.45	+ 6 57.6	2.535	3.516	2.7	21.7
3 12	11 23.15	+ 7 41.8	2.513	3.504	1.3	21.6
3 22	11 14.84	+ 8 22.6	2.522	3.492	4.4	21.8
4 1	11 7.24	+ 8 56.1	2.561	3.479	7.5	22.0
4 11	11 0.95	+ 9 19.4	2.625	3.466	10.4	22.2

1194 Aletta 3 10.7 358.°43 5.°8/15.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 48.10	−11 59.8	1.926	2.650	17.0	15.1
2 11	11 44.78	−12 44.2	1.832	2.649	14.4	14.9
2 21	11 39.12	−13 9.0	1.757	2.648	11.4	14.7
3 2	11 31.62	−13 12.2	1.705	2.648	8.3	14.5
3 12	11 23.11	−12 54.4	1.679	2.647	6.0	14.4
3 22	11 14.60	−12 19.2	1.679	2.648	6.4	14.4
4 1	11 7.12	−11 32.4	1.707	2.648	9.0	14.6
4 11	11 1.51	−10 41.4	1.758	2.649	12.2	14.8

151011 2001 UK_{83} 3 10.7 138.°60 0.°2/10.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 49.55	+ 1 33.7	2.134	2.909	14.0	21.1
2 11	11 45.44	+ 2 6.2	2.051	2.919	11.0	20.9
2 21	11 39.27	+ 2 52.1	1.990	2.928	7.5	20.7
3 2	11 31.58	+ 3 47.3	1.956	2.936	3.5	20.4
3 12	11 23.15	+ 4 46.4	1.952	2.945	0.7	20.2
3 22	11 14.86	+ 5 43.3	1.976	2.953	4.7	20.5
4 1	11 7.57	+ 6 32.4	2.030	2.960	8.5	20.8
4 11	11 1.98	+ 7 9.6	2.108	2.967	11.8	21.0

403295 2009 BX_{108} 3 10.7 53.°40 2.°2/ 8.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 50.22	+ 5 12.3	1.294	2.112	19.1	21.0
2 11	11 47.04	+ 5 59.5	1.238	2.131	14.8	20.7
2 21	11 40.84	+ 7 2.8	1.201	2.151	9.8	20.5
3 2	11 32.41	+ 8 14.4	1.188	2.171	4.6	20.3
3 12	11 23.03	+ 9 23.9	1.201	2.191	2.8	20.2
3 22	11 14.11	+10 21.9	1.240	2.212	7.5	20.5
4 1	11 6.92	+11 1.3	1.302	2.233	12.3	20.9
4 11	11 2.31	+11 19.3	1.386	2.254	16.3	21.2

33448 Aaronyeiser 3 10.7 278.°84 1.°3/ 9.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 52.58	+ 5 11.9	1.516	2.319	17.5	18.7
2 11	11 48.85	+ 5 25.4	1.430	2.314	13.8	18.5
2 21	11 42.19	+ 5 52.1	1.364	2.310	9.4	18.2
3 2	11 33.18	+ 6 27.6	1.323	2.305	4.4	17.9
3 12	11 22.90	+ 7 4.9	1.308	2.300	1.8	17.7
3 22	11 12.70	+ 7 36.9	1.320	2.295	6.7	18.0
4 1	11 3.91	+ 7 57.3	1.357	2.291	11.6	18.3
4 11	10 57.56	+ 8 2.3	1.417	2.286	15.9	18.5

419761 2010 VK_{114} 3 10.7 68.°56 0.°7/10.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 52.25	+ 3 38.0	1.649	2.442	16.7	21.4
2 11	11 47.98	+ 3 56.1	1.584	2.463	13.1	21.2
2 21	11 41.17	+ 4 27.5	1.540	2.483	8.8	21.0
3 2	11 32.50	+ 5 7.4	1.522	2.503	4.0	20.8
3 12	11 23.03	+ 5 49.5	1.531	2.523	1.1	20.6
3 22	11 13.92	+ 6 27.1	1.567	2.544	5.7	21.0
4 1	11 6.23	+ 6 54.8	1.631	2.564	10.0	21.3
4 11	11 0.73	+ 7 9.3	1.717	2.584	13.7	21.5

297399 2000 QS_{184} 3 10.7 201.°78 0.°2/10.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 48.40	+ 3 7.7	3.079	3.841	10.4	21.8
2 11	11 43.95	+ 3 23.3	2.975	3.836	8.2	21.7
2 21	11 38.01	+ 3 46.7	2.896	3.831	5.5	21.5
3 2	11 30.93	+ 4 15.7	2.845	3.825	2.6	21.3
3 12	11 23.28	+ 4 47.0	2.826	3.819	0.5	21.1
3 22	11 15.64	+ 5 17.2	2.837	3.812	3.6	21.3
4 1	11 8.64	+ 5 43.0	2.879	3.805	6.5	21.5
4 11	11 2.80	+ 6 1.8	2.947	3.798	9.1	21.7

86702 2000 FM_{60} 3 10.7 237.°70 4.°1/ 7.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 52.01	+10 17.1	1.616	2.428	16.2	20.0
2 11	11 48.31	+11 15.1	1.528	2.419	12.7	19.8
2 21	11 41.78	+12 24.6	1.462	2.410	8.6	19.5
3 2	11 32.99	+13 37.7	1.422	2.400	4.9	19.3
3 12	11 22.95	+14 44.8	1.409	2.390	4.8	19.2
3 22	11 12.93	+15 37.1	1.422	2.380	8.6	19.4
4 1	11 4.24	+16 8.4	1.461	2.370	12.9	19.7
4 11	10 57.87	+16 16.4	1.522	2.359	16.7	19.9

21806 1999 TE_{14} 3 10.7 213.°52 1.°0/ 9.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 51.31	+ 3 38.3	2.113	2.891	14.0	19.7
2 11	11 47.03	+ 4 13.6	2.012	2.884	11.0	19.5
2 21	11 40.52	+ 5 1.7	1.935	2.875	7.5	19.3
3 2	11 32.27	+ 5 58.6	1.885	2.866	3.5	19.0
3 12	11 23.07	+ 6 58.2	1.864	2.856	1.4	18.8
3 22	11 13.85	+ 7 54.3	1.873	2.846	5.4	19.1
4 1	11 5.59	+ 8 40.9	1.910	2.835	9.4	19.3
4 11	10 59.08	+ 9 14.0	1.972	2.823	12.9	19.5

208485 2001 UG_{211} 3 10.7 356.°27 3.°6/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.66	− 9 26.2	2.024	2.767	15.7	20.0
2 11	11 41.13	− 9 21.3	1.929	2.765	13.0	19.8
2 21	11 36.55	− 8 55.6	1.854	2.764	9.8	19.6
3 2	11 30.37	− 8 9.6	1.803	2.763	6.4	19.4
3 12	11 23.36	− 7 6.7	1.779	2.762	3.8	19.2
3 22	11 16.39	− 5 52.7	1.783	2.762	4.8	19.3
4 1	11 10.34	− 4 35.0	1.814	2.762	8.1	19.5
4 11	11 5.95	− 3 21.1	1.870	2.763	11.5	19.7

493111 2014 TN_7 3 10.7 224.°90 0.°6/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.30	− 1 29.1	2.071	2.835	14.8	22.3
2 11	11 46.35	− 0 57.4	1.964	2.823	11.8	22.0
2 21	11 40.14	− 0 8.5	1.879	2.811	8.2	21.8
3 2	11 32.13	+ 0 54.7	1.820	2.798	4.2	21.5
3 12	11 23.09	+ 2 7.0	1.791	2.784	0.7	21.2
3 22	11 13.97	+ 3 21.5	1.791	2.769	4.8	21.5
4 1	11 5.77	+ 4 31.0	1.819	2.754	9.1	21.7
4 11	10 59.33	+ 5 29.3	1.873	2.737	12.8	21.9

347311 2011 QF_{28} 3 10.7 226.°65 0.°8/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.66	− 0 40.8	2.621	3.379	12.1	21.5
2 11	11 43.70	− 0 32.0	2.517	3.372	9.7	21.3
2 21	11 38.01	− 0 11.9	2.436	3.365	6.8	21.1
3 2	11 30.99	+ 0 17.5	2.382	3.358	3.5	20.9
3 12	11 23.27	+ 0 53.1	2.357	3.350	0.8	20.6
3 22	11 15.56	+ 1 30.7	2.363	3.342	3.8	20.8
4 1	11 8.56	+ 2 6.1	2.398	3.334	7.1	21.0
4 11	11 2.91	+ 2 35.4	2.459	3.325	10.1	21.2

91281 1999 EQ_{11} 3 10.7 334.°95 19.°1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 7.05	+45 23.6	1.276	2.065	21.0	18.1
2 11	12 2.02	+47 10.7	1.233	2.055	19.8	18.0
2 21	11 51.91	+48 31.3	1.206	2.045	19.2	17.9
3 2	11 37.87	+49 7.6	1.197	2.037	19.4	17.9
3 12	11 22.26	+48 47.1	1.205	2.029	20.4	18.0
3 22	11 7.75	+47 27.5	1.230	2.022	22.1	18.0
4 1	10 56.55	+45 15.5	1.270	2.016	24.0	18.2
4 11	10 49.75	+42 23.8	1.325	2.011	25.8	18.3

372553 2009 TN_{44} 3 10.7 74.°43 3.°3/ 7.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.51	+ 8 2.7	1.837	2.646	14.6	20.4
2 11	11 43.40	+ 9 24.9	1.768	2.659	11.2	20.2
2 21	11 38.05	+10 58.6	1.723	2.671	7.5	20.0
3 2	11 31.05	+12 36.2	1.704	2.684	4.0	19.8
3 12	11 23.28	+14 8.2	1.714	2.696	4.0	19.8
3 22	11 15.71	+15 26.4	1.752	2.709	7.3	20.0
4 1	11 9.30	+16 24.9	1.816	2.721	10.9	20.3
4 11	11 4.74	+17 1.3	1.903	2.734	14.1	20.5

205772 2002 CX_{66} 3 10.7 141.°46 0.°5/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.85	+ 2 47.9	1.704	2.491	16.5	20.7
2 11	11 48.59	+ 3 11.2	1.624	2.499	13.0	20.5
2 21	11 41.73	+ 3 49.0	1.564	2.505	8.8	20.3
3 2	11 32.87	+ 4 37.1	1.531	2.512	4.1	20.0
3 12	11 23.02	+ 5 28.9	1.525	2.518	1.0	19.8
3 22	11 13.35	+ 6 17.2	1.547	2.523	5.8	20.1
4 1	11 4.99	+ 6 55.8	1.596	2.528	10.3	20.4
4 11	10 58.82	+ 7 20.4	1.668	2.533	14.2	20.6

283378 2000 QV_1 3 10.7 183.°25 6.°2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.41	−26 48.5	3.647	4.218	11.8	22.3
2 11	11 42.36	−27 3.5	3.534	4.218	10.6	22.1
2 21	11 36.92	−27 1.0	3.440	4.218	9.2	22.0
3 2	11 30.43	−26 39.5	3.368	4.217	7.8	21.9
3 12	11 23.40	−25 59.1	3.322	4.216	6.6	21.8
3 22	11 16.39	−25 1.6	3.303	4.214	6.2	21.8
4 1	11 9.94	−23 50.5	3.312	4.211	6.7	21.8
4 11	11 4.56	−22 30.7	3.350	4.208	7.9	21.9

259334 2003 FD_{111} 3 10.7 338.°66 5.°8/ 5.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.44	+13 54.5	1.417	2.253	16.8	19.7
2 11	11 44.30	+14 56.3	1.338	2.241	13.2	19.5
2 21	11 39.23	+16 6.6	1.280	2.231	9.3	19.2
3 2	11 31.83	+17 15.9	1.246	2.221	6.2	19.0
3 12	11 23.18	+18 13.5	1.237	2.212	6.7	19.0
3 22	11 14.62	+18 50.2	1.253	2.204	10.2	19.2
4 1	11 7.50	+19 0.8	1.291	2.197	14.4	19.4
4 11	11 2.82	+18 44.5	1.350	2.191	18.2	19.6

419071 2009 SJ_{58} 3 10.7 88.°73 2.°9/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.07	− 6 28.5	1.947	2.696	16.0	21.8
2 11	11 45.29	− 6 28.7	1.866	2.710	13.1	21.6
2 21	11 39.31	− 6 10.3	1.806	2.723	9.6	21.4
3 2	11 31.66	− 5 34.3	1.770	2.736	5.8	21.2
3 12	11 23.22	− 4 44.9	1.762	2.749	3.0	21.0
3 22	11 14.94	− 3 47.6	1.782	2.761	4.7	21.2
4 1	11 7.76	− 2 49.3	1.829	2.774	8.3	21.4
4 11	11 2.42	− 1 56.4	1.902	2.786	11.8	21.6

425658 2010 XW_4 3 10.7 138.°17 1.°6/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.89	+ 5 35.2	2.149	2.934	13.6	21.5
2 11	11 46.46	+ 6 19.2	2.070	2.946	10.6	21.3
2 21	11 39.95	+ 7 13.8	2.015	2.958	7.0	21.1
3 2	11 31.93	+ 8 13.9	1.987	2.969	3.3	20.9
3 12	11 23.18	+ 9 13.3	1.989	2.979	2.0	20.8
3 22	11 14.61	+10 6.0	2.020	2.989	5.5	21.0
4 1	11 7.09	+10 47.1	2.080	2.998	9.1	21.3
4 11	11 1.28	+11 13.6	2.164	3.007	12.2	21.5

277735 2006 DV_{88} 3 10.7 358.°58 0.°2/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.07	− 0 7.1	1.806	2.597	15.6	20.4
2 11	11 41.67	+ 0 43.7	1.719	2.596	12.3	20.2
2 21	11 37.02	+ 1 53.2	1.654	2.595	8.4	19.9
3 2	11 30.64	+ 3 17.0	1.614	2.595	3.9	19.7
3 12	11 23.37	+ 4 47.5	1.601	2.595	0.8	19.4
3 22	11 16.18	+ 6 16.0	1.617	2.595	5.4	19.8
4 1	11 10.04	+ 7 34.3	1.660	2.595	9.7	20.0
4 11	11 5.72	+ 8 36.3	1.726	2.596	13.5	20.2

215971 2005 QN_{68} 3 10.7 235.°92 2.°4/ 7.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.15	+10 4.1	2.647	3.440	11.1	21.2
2 11	11 43.30	+10 44.9	2.551	3.431	8.6	21.0
2 21	11 37.74	+11 31.9	2.479	3.423	5.8	20.8
3 2	11 30.88	+12 20.7	2.435	3.414	3.1	20.6
3 12	11 23.34	+13 6.3	2.421	3.405	2.9	20.6
3 22	11 15.84	+13 44.2	2.437	3.395	5.5	20.7
4 1	11 9.07	+14 10.6	2.481	3.386	8.4	20.9
4 11	11 3.64	+14 23.6	2.550	3.376	11.1	21.1

341632 2007 VM_{13} 3 10.7 92.°77 1.°2/12.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.87	− 2 34.8	2.317	3.076	13.5	21.9
2 11	11 43.20	− 2 16.1	2.233	3.088	10.8	21.8
2 21	11 37.69	− 1 43.1	2.173	3.101	7.5	21.6
3 2	11 30.85	− 0 58.3	2.138	3.113	4.0	21.4
3 12	11 23.36	− 0 6.0	2.133	3.125	1.2	21.2
3 22	11 16.01	+ 0 48.6	2.157	3.137	3.9	21.4
4 1	11 9.55	+ 1 40.2	2.210	3.149	7.4	21.6
4 11	11 4.59	+ 2 24.2	2.288	3.161	10.5	21.9

198400 2004 VA_{53} 3 10.7 78.°41 5.°5/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.25	+13 13.1	1.466	2.288	17.0	20.0
2 11	11 48.44	+14 24.9	1.407	2.302	13.2	19.8
2 21	11 41.73	+15 44.0	1.369	2.316	9.1	19.6
3 2	11 32.87	+17 0.5	1.356	2.330	5.9	19.5
3 12	11 23.07	+18 3.7	1.370	2.344	6.2	19.5
3 22	11 13.65	+18 45.8	1.410	2.358	9.6	19.7
4 1	11 5.87	+19 2.7	1.474	2.372	13.4	20.0
4 11	11 0.56	+18 54.7	1.558	2.386	16.8	20.2

162498 2000 QH_{32} 3 10.7 229.°38 2.°1/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.63	+ 7 2.3	1.832	2.626	15.3	20.9
2 11	11 49.26	+ 7 34.2	1.735	2.615	12.0	20.6
2 21	11 42.29	+ 8 17.2	1.661	2.604	8.1	20.3
3 2	11 33.22	+ 9 6.5	1.612	2.593	3.9	20.1
3 12	11 23.00	+ 9 54.9	1.592	2.581	2.6	19.9
3 22	11 12.75	+10 35.7	1.600	2.568	6.6	20.2
4 1	11 3.65	+11 3.2	1.635	2.555	10.9	20.4
4 11	10 56.64	+11 14.1	1.693	2.541	14.8	20.6

194594 2001 XW_{118} 3 10.7 83.°39 0.°6/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 57.28	+ 3 19.7	1.546	2.334	17.9	19.3
2 11	11 51.96	+ 3 37.1	1.488	2.363	14.0	19.1
2 21	11 43.87	+ 4 8.6	1.452	2.392	9.4	18.9
3 2	11 33.79	+ 4 49.1	1.440	2.421	4.3	18.7
3 12	11 22.95	+ 5 31.7	1.456	2.449	1.1	18.5
3 22	11 12.62	+ 6 9.4	1.500	2.476	5.9	18.9
4 1	11 3.97	+ 6 36.8	1.571	2.503	10.4	19.2
4 11	10 57.76	+ 6 50.6	1.665	2.529	14.2	19.5

357062 2001 PE_{55} 3 10.7 146.°59 1.°0/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.06	− 0 40.2	1.799	2.567	16.5	21.9
2 11	11 50.18	− 0 33.3	1.716	2.577	13.2	21.7
2 21	11 42.74	− 0 10.6	1.655	2.586	9.2	21.5
3 2	11 33.35	+ 0 25.3	1.618	2.595	4.7	21.2
3 12	11 23.00	+ 1 9.2	1.610	2.603	1.0	21.0
3 22	11 12.82	+ 1 54.9	1.631	2.611	5.1	21.3
4 1	11 3.92	+ 2 36.0	1.680	2.617	9.5	21.5
4 11	10 57.16	+ 3 7.5	1.753	2.623	13.3	21.8

375032 2007 HC_{18} 3 10.7 256.°55 5.°2/ 5.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.62	+16 46.3	2.107	2.913	13.1	20.9
2 11	11 47.36	+17 39.4	2.015	2.900	10.4	20.7
2 21	11 40.80	+18 35.7	1.948	2.887	7.5	20.5
3 2	11 32.44	+19 28.4	1.907	2.873	5.4	20.3
3 12	11 23.13	+20 10.0	1.894	2.860	5.8	20.3
3 22	11 13.86	+20 34.9	1.910	2.845	8.4	20.5
4 1	11 5.62	+20 39.7	1.951	2.831	11.6	20.6
4 11	10 59.23	+20 24.0	2.015	2.816	14.5	20.8

32805 1990 SM_3 3 10.7 194.°74 1.°9/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.07	+ 6 4.8	1.958	2.746	14.7	19.2
2 11	11 48.55	+ 6 45.6	1.867	2.744	11.5	19.0
2 21	11 41.63	+ 7 38.1	1.798	2.741	7.7	18.7
3 2	11 32.85	+ 8 37.2	1.756	2.737	3.7	18.5
3 12	11 23.08	+ 9 35.9	1.743	2.733	2.3	18.4
3 22	11 13.36	+10 27.6	1.759	2.728	6.2	18.6
4 1	11 4.76	+11 6.4	1.803	2.722	10.2	18.8
4 11	10 58.09	+11 29.1	1.871	2.715	13.8	19.0

155513 1999 RB_{172} 3 10.7 203.°08 1.°6/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.35	+ 6 4.9	2.159	2.948	13.4	20.4
2 11	11 45.39	+ 6 37.6	2.068	2.946	10.5	20.2
2 21	11 39.34	+ 7 20.4	2.000	2.943	7.0	20.0
3 2	11 31.71	+ 8 8.8	1.959	2.941	3.3	19.7
3 12	11 23.26	+ 8 57.1	1.947	2.938	2.0	19.6
3 22	11 14.87	+ 9 39.7	1.965	2.934	5.5	19.8
4 1	11 7.45	+10 11.8	2.010	2.931	9.1	20.1
4 11	11 1.69	+10 30.3	2.079	2.927	12.4	20.3

108156 2001 HM_4 3 10.7 298.°53 2.°6/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.70	+ 7 9.0	1.572	2.385	16.5	20.1
2 11	11 45.85	+ 7 47.7	1.478	2.369	13.0	19.8
2 21	11 40.24	+ 8 40.2	1.404	2.353	8.8	19.5
3 2	11 32.34	+ 9 40.4	1.356	2.338	4.3	19.2
3 12	11 23.15	+10 40.1	1.333	2.322	3.2	19.1
3 22	11 13.89	+11 30.7	1.337	2.307	7.5	19.3
4 1	11 5.85	+12 4.9	1.367	2.292	12.3	19.5
4 11	11 0.09	+12 19.0	1.417	2.277	16.5	19.7

129876 Stevenpeterson 3 10.7 216.°27 1.°4/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.48	− 3 16.5	2.140	2.894	14.6	21.6
2 11	11 46.41	− 2 54.1	2.034	2.885	11.8	21.4
2 21	11 40.15	− 2 14.7	1.949	2.876	8.4	21.1
3 2	11 32.15	− 1 20.3	1.891	2.865	4.5	20.9
3 12	11 23.19	− 0 15.4	1.862	2.854	1.4	20.6
3 22	11 14.16	+ 0 53.9	1.862	2.842	4.5	20.8
4 1	11 6.04	+ 2 0.8	1.891	2.829	8.5	21.0
4 11	10 59.62	+ 2 59.0	1.946	2.816	12.2	21.2

217972 2001 VD_{26} 3 10.7 148.°80 5.°3/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.76	−15 34.1	2.290	2.977	15.5	20.6
2 11	11 44.86	−15 42.5	2.195	2.986	13.3	20.5
2 21	11 38.96	−15 29.4	2.120	2.993	10.6	20.3
3 2	11 31.52	−14 54.0	2.069	3.000	7.8	20.1
3 12	11 23.30	−13 58.1	2.044	3.007	5.7	20.0
3 22	11 15.16	−12 46.2	2.048	3.013	5.7	20.0
4 1	11 7.93	−11 25.0	2.080	3.019	7.8	20.1
4 11	11 2.32	−10 2.0	2.139	3.024	10.6	20.3

354052 2001 SC_{314} 3 10.7 120.°31 0.°3/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.27	− 0 32.8	1.775	2.551	16.4	21.7
2 11	11 47.16	+ 0 26.5	1.702	2.570	12.9	21.5
2 21	11 40.64	+ 1 44.6	1.650	2.588	8.7	21.2
3 2	11 32.33	+ 3 16.1	1.625	2.605	4.1	21.0
3 12	11 23.21	+ 4 52.7	1.629	2.622	0.8	20.8
3 22	11 14.33	+ 6 25.2	1.662	2.638	5.5	21.2
4 1	11 6.73	+ 7 45.4	1.722	2.653	9.8	21.4
4 11	11 1.16	+ 8 48.1	1.807	2.667	13.5	21.7

308199 2005 EY_{32} 3 10.7 146.°04 0.°1/10.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.24	+ 2 40.7	2.324	3.094	13.2	21.0
2 11	11 46.64	+ 2 42.9	2.234	3.099	10.4	20.8
2 21	11 40.07	+ 2 54.9	2.167	3.103	7.1	20.6
3 2	11 32.03	+ 3 14.2	2.127	3.106	3.4	20.3
3 12	11 23.25	+ 3 36.9	2.117	3.110	0.5	20.1
3 22	11 14.58	+ 3 58.9	2.136	3.113	4.3	20.4
4 1	11 6.83	+ 4 16.5	2.184	3.117	7.9	20.6
4 11	11 0.68	+ 4 26.5	2.258	3.120	11.1	20.8

341751 2007 VS_{286} 3 10.7 330.°91 3.°1/ 7.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.82	+10 35.8	2.084	2.891	13.2	20.9
2 11	11 43.53	+11 18.8	1.997	2.885	10.3	20.7
2 21	11 38.15	+12 9.3	1.933	2.880	6.9	20.4
3 2	11 31.17	+13 1.5	1.896	2.875	3.9	20.2
3 12	11 23.38	+13 49.0	1.887	2.870	3.6	20.2
3 22	11 15.67	+14 26.0	1.906	2.865	6.7	20.4
4 1	11 8.92	+14 48.2	1.952	2.861	10.1	20.6
4 11	11 3.86	+14 53.6	2.021	2.857	13.2	20.8

352450 2008 AE_{59} 3 10.7 190.°72 1.°8/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.63	− 4 10.4	2.646	3.390	12.4	21.6
2 11	11 42.88	− 4 5.1	2.546	3.389	10.0	21.4
2 21	11 37.46	− 3 46.9	2.469	3.388	7.2	21.2
3 2	11 30.78	− 3 17.0	2.418	3.387	4.1	21.0
3 12	11 23.45	− 2 38.4	2.397	3.386	1.8	20.9
3 22	11 16.14	− 1 55.1	2.405	3.385	3.6	21.0
4 1	11 9.56	− 1 11.6	2.443	3.383	6.7	21.2
4 11	11 4.29	− 0 32.2	2.507	3.381	9.6	21.4

431161 2006 RN_{14} 3 10.7 223.°32 3.°4/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.92	− 9 54.7	2.550	3.268	13.4	22.1
2 11	11 42.48	− 9 51.8	2.443	3.263	11.2	21.9
2 21	11 37.29	− 9 31.9	2.357	3.257	8.5	21.7
3 2	11 30.73	− 8 55.3	2.297	3.251	5.6	21.5
3 12	11 23.46	− 8 4.7	2.265	3.245	3.5	21.4
3 22	11 16.17	− 7 4.0	2.263	3.239	4.2	21.4
4 1	11 9.61	− 5 58.8	2.289	3.232	7.0	21.6
4 11	11 4.40	− 4 54.9	2.342	3.226	9.9	21.7

379507 2010 GL_{135} 3 10.7 24.°59 3.°2/ 8.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.29	+ 9 47.8	1.575	2.394	16.2	20.8
2 11	11 45.14	+10 19.2	1.510	2.405	12.5	20.5
2 21	11 39.41	+10 59.1	1.468	2.417	8.4	20.3
3 2	11 31.78	+11 41.0	1.449	2.430	4.4	20.1
3 12	11 23.31	+12 17.3	1.458	2.444	3.7	20.1
3 22	11 15.16	+12 41.6	1.493	2.459	7.3	20.4
4 1	11 8.40	+12 49.9	1.552	2.474	11.3	20.6
4 11	11 3.81	+12 40.7	1.634	2.490	14.8	20.9

304587 2006 VV_{52} 3 10.7 226.°99 4.°1/ 5.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.92	+17 38.5	2.856	3.652	10.3	21.6
2 11	11 45.36	+18 23.0	2.763	3.642	8.1	21.4
2 21	11 39.09	+19 8.7	2.696	3.631	5.9	21.2
3 2	11 31.54	+19 50.6	2.657	3.621	4.3	21.1
3 12	11 23.35	+20 23.7	2.648	3.609	4.6	21.1
3 22	11 15.20	+20 44.3	2.668	3.598	6.6	21.2
4 1	11 7.81	+20 49.9	2.716	3.586	9.0	21.4
4 11	11 1.75	+20 40.1	2.788	3.574	11.3	21.5

407714 2011 UV_{265} 3 10.7 205.°39 2.°7/13.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.34	− 6 34.1	1.993	2.735	15.9	22.7
2 11	11 47.27	− 6 26.4	1.890	2.730	13.1	22.5
2 21	11 40.84	− 5 59.3	1.808	2.724	9.6	22.3
3 2	11 32.54	− 5 13.5	1.751	2.718	5.8	22.0
3 12	11 23.19	− 4 12.8	1.722	2.710	2.8	21.8
3 22	11 13.81	− 3 3.2	1.723	2.702	4.8	22.0
4 1	11 5.42	− 1 52.2	1.751	2.693	8.8	22.2
4 11	10 58.90	− 0 47.0	1.805	2.684	12.6	22.4

316994 2001 OB_{93} 3 10.7 180.°11 0.°1/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.65	+ 2 15.2	2.004	2.781	14.7	21.2
2 11	11 47.35	+ 2 29.6	1.913	2.782	11.6	20.9
2 21	11 40.77	+ 2 56.5	1.845	2.782	7.9	20.7
3 2	11 32.45	+ 3 32.9	1.803	2.783	3.8	20.5
3 12	11 23.22	+ 4 13.6	1.789	2.782	0.6	20.2
3 22	11 14.07	+ 4 53.0	1.805	2.782	5.0	20.5
4 1	11 5.98	+ 5 25.8	1.848	2.781	9.1	20.8
4 11	10 59.74	+ 5 48.0	1.916	2.780	12.6	21.0

172598 2003 WK_{31} 3 10.7 31.°00 3.°9/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.24	− 6 51.1	1.522	2.289	19.1	20.0
2 11	11 46.21	− 7 10.1	1.440	2.292	15.7	19.8
2 21	11 40.40	− 7 6.8	1.375	2.296	11.7	19.5
3 2	11 32.39	− 6 41.1	1.334	2.299	7.3	19.3
3 12	11 23.22	− 5 56.7	1.317	2.303	4.0	19.1
3 22	11 14.15	− 4 59.9	1.327	2.308	5.8	19.2
4 1	11 6.43	− 3 59.5	1.363	2.312	10.1	19.4
4 11	11 1.02	− 3 3.9	1.421	2.317	14.2	19.7

416015 2002 CZ_{113} 3 10.7 101.°60 0.°8/11.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.87	+ 0 37.7	2.035	2.801	14.9	21.0
2 11	11 48.86	+ 0 34.0	1.958	2.818	11.8	20.8
2 21	11 41.63	+ 0 42.6	1.903	2.835	8.2	20.6
3 2	11 32.78	+ 1 1.0	1.874	2.851	4.1	20.4
3 12	11 23.19	+ 1 25.2	1.874	2.867	0.8	20.2
3 22	11 13.82	+ 1 50.7	1.903	2.882	4.5	20.5
4 1	11 5.61	+ 2 12.8	1.961	2.898	8.4	20.8
4 11	10 59.27	+ 2 27.8	2.045	2.913	11.8	21.0

410733 2009 CY_{26} 3 10.7 298.°21 2.°0/ 9.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.24	+ 5 35.3	1.489	2.301	17.4	21.7
2 11	11 46.40	+ 6 8.7	1.399	2.289	13.7	21.4
2 21	11 40.67	+ 6 57.5	1.330	2.278	9.2	21.1
3 2	11 32.59	+ 7 56.0	1.285	2.267	4.4	20.8
3 12	11 23.19	+ 8 56.0	1.265	2.256	2.5	20.7
3 22	11 13.77	+ 9 48.5	1.272	2.245	7.3	20.9
4 1	11 5.67	+10 26.0	1.304	2.235	12.2	21.2
4 11	10 59.95	+10 44.0	1.357	2.224	16.6	21.4

351576 2005 UE_{283} 3 10.7 47.°95 6.°5/ 6.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.95	+15 2.9	1.234	2.067	18.9	20.6
2 11	11 50.38	+16 1.3	1.176	2.076	14.8	20.4
2 21	11 43.38	+17 5.4	1.137	2.085	10.4	20.1
3 2	11 33.79	+18 4.4	1.122	2.095	7.0	20.0
3 12	11 23.04	+18 46.6	1.131	2.105	7.3	20.0
3 22	11 12.76	+19 4.1	1.164	2.115	10.9	20.2
4 1	11 4.44	+18 54.1	1.220	2.126	15.1	20.5
4 11	10 59.04	+18 18.2	1.296	2.137	18.8	20.8

81384 2000 GU_{71} 3 10.7 71.°75 0.°0/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.46	+ 0 34.5	1.714	2.503	16.4	19.7
2 11	11 45.19	+ 1 2.1	1.633	2.508	13.0	19.5
2 21	11 39.47	+ 1 46.5	1.573	2.513	8.9	19.3
3 2	11 31.87	+ 2 44.0	1.538	2.518	4.3	19.0
3 12	11 23.32	+ 3 47.7	1.530	2.524	0.6	18.7
3 22	11 14.92	+ 4 50.2	1.550	2.529	5.4	19.1
4 1	11 7.72	+ 5 44.2	1.597	2.534	9.8	19.4
4 11	11 2.56	+ 6 24.4	1.667	2.540	13.7	19.6

214098 2004 NV_{15} 3 10.7 300.°11 3.°8/ 5.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.04	+10 48.6	2.216	3.025	12.4	20.4
2 11	11 41.43	+12 8.2	2.111	3.001	9.7	20.1
2 21	11 36.82	+13 38.3	2.030	2.977	6.6	19.9
3 2	11 30.62	+15 12.4	1.978	2.953	4.1	19.7
3 12	11 23.51	+16 42.5	1.954	2.929	4.5	19.7
3 22	11 16.30	+18 1.0	1.959	2.905	7.5	19.8
4 1	11 9.87	+19 1.7	1.990	2.882	10.8	20.0
4 11	11 4.97	+19 41.4	2.044	2.858	13.9	20.1

122290 2000 PS_{18} 3 10.7 215.°45 1.°4/12.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.31	− 2 19.7	2.217	2.973	14.1	20.8
2 11	11 46.17	− 2 14.8	2.114	2.967	11.4	20.6
2 21	11 39.94	− 1 55.6	2.034	2.960	8.1	20.4
3 2	11 32.07	− 1 23.7	1.980	2.953	4.4	20.1
3 12	11 23.31	− 0 42.9	1.954	2.946	1.4	19.9
3 22	11 14.53	+ 0 1.9	1.958	2.938	4.3	20.1
4 1	11 6.64	+ 0 45.5	1.991	2.930	8.1	20.3
4 11	11 0.38	+ 1 22.6	2.049	2.921	11.6	20.5

285694 2000 SV_{193} 3 10.7 114.°26 0.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.76	− 0 58.9	2.273	3.036	13.6	21.7
2 11	11 44.67	− 0 13.7	2.196	3.056	10.7	21.5
2 21	11 38.70	+ 0 46.0	2.142	3.075	7.3	21.3
3 2	11 31.37	+ 1 56.4	2.116	3.094	3.5	21.1
3 12	11 23.43	+ 3 11.8	2.119	3.112	0.5	20.9
3 22	11 15.68	+ 4 25.8	2.152	3.130	4.3	21.2
4 1	11 8.88	+ 5 32.6	2.215	3.147	7.8	21.5
4 11	11 3.64	+ 6 27.5	2.303	3.163	10.9	21.7

455464 2003 TN_{54} 3 10.7 114.°36 0.°2/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.11	− 1 37.5	1.800	2.576	16.2	21.9
2 11	11 45.50	− 0 44.5	1.723	2.590	12.8	21.7
2 21	11 39.56	+ 0 28.1	1.668	2.604	8.8	21.5
3 2	11 31.87	+ 1 55.3	1.639	2.618	4.2	21.2
3 12	11 23.36	+ 3 29.4	1.638	2.631	0.5	21.0
3 22	11 15.04	+ 5 1.6	1.666	2.644	5.2	21.3
4 1	11 7.92	+ 6 23.6	1.722	2.657	9.5	21.6
4 11	11 2.75	+ 7 29.4	1.802	2.669	13.2	21.9

110014 2001 SR_{68} 3 10.7 93.°76 0.°3/11.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.18	− 1 12.1	1.905	2.681	15.5	19.4
2 11	11 44.61	− 0 27.6	1.831	2.697	12.2	19.2
2 21	11 38.87	+ 0 34.2	1.778	2.714	8.3	19.0
3 2	11 31.51	+ 1 49.0	1.751	2.730	4.0	18.8
3 12	11 23.41	+ 3 10.0	1.753	2.746	0.5	18.5
3 22	11 15.53	+ 4 29.6	1.784	2.762	4.8	18.9
4 1	11 8.76	+ 5 40.4	1.842	2.778	8.9	19.1
4 11	11 3.82	+ 6 37.2	1.925	2.793	12.4	19.4

506812 2007 RJ_{47} 3 10.7 213.°91 0.°2/10.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.42	+ 1 46.1	1.976	2.751	15.0	23.2
2 11	11 48.11	+ 2 10.5	1.877	2.744	11.9	23.0
2 21	11 41.42	+ 2 49.3	1.799	2.736	8.1	22.7
3 2	11 32.83	+ 3 38.9	1.747	2.727	3.9	22.4
3 12	11 23.20	+ 4 33.9	1.724	2.718	0.7	22.2
3 22	11 13.55	+ 5 27.8	1.731	2.708	5.2	22.5
4 1	11 4.92	+ 6 14.2	1.766	2.697	9.5	22.7
4 11	10 58.18	+ 6 48.4	1.825	2.685	13.3	22.9

298904 2004 TZ_{67} 3 10.7 102.°34 4.°3/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.83	+11 4.5	1.647	2.456	16.1	20.9
2 11	11 49.31	+12 14.2	1.588	2.476	12.4	20.7
2 21	11 42.16	+13 32.2	1.551	2.496	8.4	20.5
3 2	11 33.09	+14 49.9	1.540	2.516	4.9	20.4
3 12	11 23.20	+15 57.7	1.556	2.535	4.9	20.4
3 22	11 13.70	+16 48.3	1.601	2.554	8.3	20.6
4 1	11 5.68	+17 17.2	1.671	2.572	12.0	20.9
4 11	10 59.94	+17 23.8	1.763	2.589	15.3	21.1

460030 2014 OY_{169} 3 10.7 87.°03 2.°9/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.00	+ 9 3.7	1.524	2.331	17.2	21.8
2 11	11 50.54	+ 9 30.9	1.455	2.342	13.4	21.5
2 21	11 43.19	+10 7.6	1.407	2.353	9.0	21.3
3 2	11 33.66	+10 47.3	1.383	2.364	4.5	21.1
3 12	11 23.13	+11 22.2	1.387	2.375	3.4	21.0
3 22	11 12.94	+11 45.5	1.418	2.385	7.4	21.3
4 1	11 4.33	+11 52.9	1.474	2.396	11.8	21.6
4 11	10 58.18	+11 42.9	1.553	2.406	15.6	21.8

314288 2005 SJ_{67} 3 10.7 302.°62 1.°1/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.50	− 2 10.8	1.729	2.511	16.6	20.9
2 11	11 43.81	− 1 47.9	1.635	2.503	13.3	20.6
2 21	11 38.67	− 1 5.5	1.561	2.496	9.3	20.4
3 2	11 31.58	− 0 6.1	1.511	2.489	4.9	20.1
3 12	11 23.42	+ 1 4.4	1.489	2.482	1.1	19.8
3 22	11 15.26	+ 2 18.3	1.494	2.475	5.2	20.1
4 1	11 8.19	+ 3 27.1	1.525	2.468	9.8	20.3
4 11	11 3.10	+ 4 23.9	1.580	2.462	13.9	20.5

80932 2000 DK_{78} 3 10.7 228.°12 1.°2/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.83	− 2 23.3	1.958	2.725	15.4	20.0
2 11	11 45.33	− 2 4.1	1.859	2.719	12.4	19.8
2 21	11 39.54	− 1 27.6	1.781	2.712	8.7	19.5
3 2	11 31.95	− 0 36.0	1.729	2.705	4.6	19.2
3 12	11 23.37	+ 0 25.6	1.705	2.697	1.2	19.0
3 22	11 14.79	+ 1 30.9	1.709	2.690	4.7	19.2
4 1	11 7.19	+ 2 32.7	1.742	2.682	9.0	19.5
4 11	11 1.40	+ 3 24.8	1.799	2.674	12.8	19.7

78577 JPL 3 10.7 81.°93 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.69	+ 1 42.1	2.118	2.898	14.0	20.5
2 11	11 44.06	+ 2 8.8	2.037	2.908	11.0	20.3
2 21	11 38.42	+ 2 48.2	1.979	2.918	7.4	20.1
3 2	11 31.31	+ 3 36.9	1.947	2.928	3.5	19.9
3 12	11 23.49	+ 4 29.3	1.944	2.938	0.6	19.7
3 22	11 15.81	+ 5 19.9	1.970	2.948	4.6	20.0
4 1	11 9.12	+ 6 3.3	2.024	2.957	8.4	20.3
4 11	11 4.07	+ 6 35.5	2.103	2.967	11.6	20.5

158105 2000 YH_{12} 3 10.7 206.°28 10.°1/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.11	+32 23.2	2.196	2.990	13.1	20.1
2 11	11 51.17	+34 29.4	2.132	2.983	11.4	19.9
2 21	11 43.58	+36 28.6	2.094	2.975	10.3	19.8
3 2	11 33.89	+38 9.7	2.082	2.967	10.3	19.8
3 12	11 23.10	+39 23.4	2.096	2.957	11.4	19.9
3 22	11 12.38	+40 4.4	2.134	2.946	13.2	20.0
4 1	11 2.91	+40 11.9	2.193	2.935	15.2	20.1
4 11	10 55.61	+39 49.0	2.270	2.922	17.0	20.2

383789 2007 WN_{18} 3 10.7 203.°22 4.°0/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.72	+14 42.2	2.499	3.302	11.4	21.3
2 11	11 43.89	+15 41.2	2.415	3.300	8.9	21.1
2 21	11 38.23	+16 44.0	2.356	3.297	6.2	20.9
3 2	11 31.21	+17 45.0	2.325	3.294	4.2	20.8
3 12	11 23.51	+18 38.1	2.323	3.291	4.6	20.8
3 22	11 15.88	+19 18.3	2.350	3.288	6.9	21.0
4 1	11 9.10	+19 42.3	2.403	3.285	9.6	21.1
4 11	11 3.77	+19 49.0	2.481	3.281	12.1	21.3

464643 2000 QH_{180} 3 10.7 219.°78 0.°2/10.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.31	+ 1 54.3	2.518	3.276	12.6	22.2
2 11	11 48.27	+ 1 58.9	2.408	3.265	10.0	22.0
2 21	11 41.25	+ 2 13.3	2.322	3.254	6.9	21.8
3 2	11 32.70	+ 2 35.4	2.264	3.242	3.4	21.6
3 12	11 23.29	+ 3 1.7	2.236	3.229	0.5	21.3
3 22	11 13.83	+ 3 28.2	2.238	3.216	4.2	21.6
4 1	11 5.17	+ 3 51.0	2.271	3.201	7.8	21.8
4 11	10 58.01	+ 4 6.7	2.330	3.187	11.0	21.9

128345 Danielbamberger 3 10.7 138.°38 4.°0/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.38	+13 13.2	2.087	2.888	13.4	20.2
2 11	11 47.76	+14 7.6	2.014	2.898	10.4	20.0
2 21	11 40.94	+15 7.1	1.965	2.907	7.2	19.8
3 2	11 32.51	+16 5.0	1.943	2.916	4.5	19.7
3 12	11 23.33	+16 54.3	1.950	2.925	4.6	19.7
3 22	11 14.36	+17 29.4	1.986	2.933	7.3	19.9
4 1	11 6.53	+17 47.0	2.048	2.941	10.5	20.1
4 11	11 0.53	+17 46.2	2.134	2.948	13.4	20.3

364650 2007 TY_{159} 3 10.7 151.°45 7.°1/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.18	−17 11.8	1.753	2.456	19.2	20.9
2 11	11 45.18	−17 32.7	1.661	2.458	16.6	20.7
2 21	11 39.63	−17 25.8	1.587	2.461	13.4	20.5
3 2	11 32.05	−16 48.6	1.533	2.463	10.2	20.3
3 12	11 23.37	−15 42.3	1.504	2.465	7.6	20.2
3 22	11 14.73	−14 12.4	1.501	2.466	7.4	20.2
4 1	11 7.25	−12 28.3	1.525	2.468	9.8	20.3
4 11	11 1.87	−10 41.3	1.573	2.469	13.0	20.5

519868 2013 ND_{30} 3 10.7 114.°45 2.°7/ 8.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.14	+ 8 23.6	1.882	2.684	14.6	22.0
2 11	11 46.27	+ 9 8.9	1.805	2.690	11.4	21.8
2 21	11 40.08	+10 3.9	1.750	2.696	7.6	21.6
3 2	11 32.15	+11 2.6	1.722	2.702	3.9	21.4
3 12	11 23.37	+11 57.6	1.721	2.708	3.2	21.4
3 22	11 14.77	+12 42.5	1.750	2.713	6.6	21.6
4 1	11 7.34	+13 12.3	1.804	2.719	10.4	21.8
4 11	11 1.82	+13 24.7	1.882	2.724	13.8	22.0

86960 2000 JM_1 3 10.7 269.°20 1.°1/ 9.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 48.16	+ 1 44.4	1.564	2.363	17.2	19.1
2 11	11 45.54	+ 2 36.9	1.463	2.346	13.7	18.9
2 21	11 40.14	+ 3 50.7	1.383	2.328	9.3	18.6
3 2	11 32.42	+ 5 21.2	1.328	2.310	4.4	18.2
3 12	11 23.31	+ 6 59.6	1.299	2.291	1.7	18.0
3 22	11 14.04	+ 8 34.9	1.298	2.273	6.9	18.3
4 1	11 5.93	+ 9 56.9	1.322	2.254	12.0	18.5
4 11	11 0.07	+10 58.1	1.368	2.234	16.6	18.7

202817 2008 SS_{64} 3 10.7 195.°11 0.°3/10.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 49.03	+ 2 30.3	2.207	2.984	13.5	20.9
2 11	11 45.13	+ 2 54.2	2.114	2.983	10.7	20.7
2 21	11 39.20	+ 3 30.1	2.043	2.981	7.2	20.5
3 2	11 31.72	+ 4 14.6	1.999	2.980	3.4	20.2
3 12	11 23.44	+ 5 2.7	1.985	2.978	0.7	20.0
3 22	11 15.22	+ 5 48.9	1.999	2.975	4.7	20.3
4 1	11 7.91	+ 6 28.2	2.042	2.973	8.5	20.5
4 11	11 2.22	+ 6 56.7	2.110	2.970	11.8	20.7

83347 2001 RM_{141} 3 10.7 206.°18 1.°5/ 8.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 45.14	+ 4 41.9	2.386	3.174	12.3	19.2
2 11	11 41.94	+ 5 38.1	2.295	3.173	9.6	19.0
2 21	11 36.96	+ 6 45.7	2.227	3.171	6.4	18.8
3 2	11 30.63	+ 8 0.0	2.188	3.169	3.0	18.6
3 12	11 23.60	+ 9 15.1	2.178	3.167	1.9	18.5
3 22	11 16.63	+10 24.8	2.197	3.166	5.1	18.7
4 1	11 10.45	+11 23.5	2.245	3.163	8.5	18.9
4 11	11 5.69	+12 7.9	2.318	3.161	11.5	19.1

141025 2001 WR_{52} 3 10.7 348.°31 8.°6/ 2.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 52.88	+26 23.9	1.865	2.679	14.3	19.0
2 11	11 48.66	+27 19.5	1.795	2.673	11.8	18.8
2 21	11 41.82	+28 9.5	1.748	2.668	9.6	18.7
3 2	11 33.00	+28 44.8	1.726	2.663	8.6	18.6
3 12	11 23.27	+28 57.7	1.729	2.660	9.3	18.6
3 22	11 13.81	+28 43.9	1.757	2.656	11.4	18.7
4 1	11 5.75	+28 3.0	1.809	2.653	14.0	18.9
4 11	10 59.92	+26 58.1	1.881	2.651	16.5	19.1

265676 2005 UO_{58} 3 10.7 71.°91 1.°0/11.6 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 48.57	− 1 24.7	1.810	2.587	16.1	21.6
2 11	11 45.14	− 1 8.6	1.729	2.595	12.8	21.4
2 21	11 39.38	− 0 35.4	1.668	2.602	8.9	21.2
3 2	11 31.85	+ 0 11.7	1.633	2.610	4.6	20.9
3 12	11 23.44	+ 1 7.4	1.625	2.618	1.0	20.7
3 22	11 15.17	+ 2 4.9	1.645	2.626	4.9	21.0
4 1	11 8.05	+ 2 57.4	1.692	2.633	9.1	21.3
4 11	11 2.86	+ 3 39.3	1.763	2.641	12.9	21.5

168614 2000 BW_6 3 10.7 96.°35 5.°6/ 6.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 58.32	+17 11.0	1.689	2.497	15.8	19.9
2 11	11 52.89	+17 46.0	1.622	2.507	12.4	19.7
2 21	11 44.64	+18 22.0	1.577	2.517	8.9	19.5
3 2	11 34.33	+18 51.3	1.558	2.527	6.0	19.3
3 12	11 23.11	+19 6.1	1.566	2.536	6.1	19.4
3 22	11 12.29	+19 1.8	1.602	2.546	9.0	19.6
4 1	11 3.07	+18 36.9	1.663	2.556	12.5	19.8
4 11	10 56.28	+17 52.9	1.746	2.565	15.7	20.0

173503 2000 TQ_{53} 3 10.7 236.°91 1.°8/ 8.5 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.91	+ 8 17.0	2.666	3.452	11.2	20.8
2 11	11 43.93	+ 8 48.2	2.566	3.443	8.7	20.6
2 21	11 38.23	+ 9 26.3	2.491	3.434	5.8	20.4
3 2	11 31.23	+10 7.5	2.444	3.424	2.9	20.2
3 12	11 23.55	+10 47.0	2.427	3.414	2.2	20.1
3 22	11 15.89	+11 20.6	2.440	3.404	5.0	20.3
4 1	11 8.95	+11 44.7	2.481	3.394	8.0	20.5
4 11	11 3.35	+11 57.0	2.548	3.383	10.8	20.7

133231 2003 QR_{103} 3 10.7 234.°50 3.°4/ 7.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 53.44	+10 22.9	1.848	2.648	14.9	20.0
2 11	11 49.15	+11 6.3	1.753	2.638	11.7	19.7
2 21	11 42.27	+11 58.7	1.682	2.626	8.0	19.5
3 2	11 33.33	+12 53.9	1.636	2.614	4.4	19.2
3 12	11 23.24	+13 44.1	1.619	2.602	4.0	19.2
3 22	11 13.15	+14 22.2	1.630	2.589	7.5	19.4
4 1	11 4.21	+14 43.3	1.667	2.576	11.5	19.6
4 11	10 57.36	+14 45.1	1.727	2.562	15.2	19.8

200297 2000 AC_{219} 3 10.8 241.°79 1.°6/ 9.0 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.71	+ 5 52.5	2.118	2.911	13.5	20.5
2 11	11 44.20	+ 6 30.5	2.028	2.909	10.5	20.3
2 21	11 38.62	+ 7 19.2	1.962	2.906	7.0	20.1
3 2	11 31.48	+ 8 14.0	1.922	2.904	3.3	19.9
3 12	11 23.52	+ 9 8.8	1.911	2.902	2.0	19.8
3 22	11 15.63	+ 9 57.6	1.929	2.899	5.5	20.0
4 1	11 8.69	+10 35.4	1.975	2.897	9.2	20.2
4 11	11 3.41	+10 58.8	2.044	2.894	12.5	20.4

191833 2004 VY_7 3 10.8 60.°85 0.°3/11.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.15	− 0 22.8	1.862	2.644	15.5	20.7
2 11	11 43.94	+ 0 6.4	1.783	2.653	12.3	20.5
2 21	11 38.52	+ 0 52.1	1.726	2.663	8.4	20.3
3 2	11 31.43	+ 1 50.4	1.694	2.674	4.1	20.1
3 12	11 23.54	+ 2 55.2	1.690	2.684	0.5	19.8
3 22	11 15.81	+ 3 59.4	1.715	2.694	4.9	20.1
4 1	11 9.18	+ 4 56.4	1.766	2.705	9.0	20.4
4 11	11 4.39	+ 5 40.9	1.842	2.715	12.6	20.6

313129 2001 BG_2 3 10.8 90.°20 6.°2/14.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	12 3.25	− 7 58.4	1.691	2.416	19.0	19.9
2 11	11 57.04	− 9 30.7	1.604	2.425	16.0	19.7
2 21	11 47.75	−10 47.8	1.538	2.434	12.4	19.5
3 2	11 35.98	−11 46.0	1.496	2.444	8.7	19.3
3 12	11 22.87	−12 23.6	1.482	2.453	6.3	19.2
3 22	11 9.82	−12 41.4	1.496	2.462	7.3	19.3
4 1	10 58.26	−12 43.8	1.538	2.470	10.6	19.5
4 11	10 49.25	−12 37.5	1.604	2.479	14.1	19.7

502022 2015 AW_{83} 3 10.8 10.°25 0.°0/10.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 48.27	+ 1 16.7	1.894	2.679	15.2	22.1
2 11	11 44.88	+ 1 37.7	1.806	2.679	12.0	21.8
2 21	11 39.21	+ 2 13.2	1.740	2.679	8.2	21.6
3 2	11 31.80	+ 2 59.8	1.699	2.679	4.0	21.4
3 12	11 23.48	+ 3 52.0	1.686	2.680	0.6	21.1
3 22	11 15.24	+ 4 43.3	1.701	2.680	5.0	21.4
4 1	11 8.07	+ 5 27.5	1.744	2.680	9.2	21.7
4 11	11 2.75	+ 6 0.0	1.810	2.681	12.9	21.9

207626 2006 SP_{56} 3 10.8 169.°58 4.°9/ 4.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.95	+17 46.0	2.483	3.290	11.4	20.1
2 11	11 44.08	+18 52.0	2.407	3.291	8.9	19.9
2 21	11 38.37	+19 59.8	2.356	3.293	6.5	19.7
3 2	11 31.30	+21 3.1	2.332	3.294	5.0	19.6
3 12	11 23.57	+21 55.5	2.338	3.295	5.5	19.7
3 22	11 15.95	+22 32.4	2.371	3.295	7.7	19.8
4 1	11 9.22	+22 50.9	2.431	3.296	10.2	20.0
4 11	11 3.97	+22 50.7	2.514	3.296	12.5	20.1

101730 1999 EX_9 3 10.8 98.°41 0.°7/11.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 51.45	− 0 5.8	1.885	2.658	15.7	21.2
2 11	11 47.23	+ 0 6.3	1.808	2.673	12.4	21.0
2 21	11 40.70	+ 0 33.1	1.753	2.687	8.6	20.8
3 2	11 32.45	+ 1 11.6	1.723	2.701	4.3	20.5
3 12	11 23.41	+ 1 56.7	1.722	2.715	0.7	20.3
3 22	11 14.57	+ 2 42.3	1.749	2.729	4.8	20.6
4 1	11 6.92	+ 3 22.6	1.804	2.742	8.9	20.9
4 11	11 1.19	+ 3 53.0	1.883	2.755	12.5	21.1

55421 2001 TJ_{24} 3 10.8 19.°10 2.°1/12.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 45.39	− 4 34.1	1.994	2.758	15.3	19.3
2 11	11 42.50	− 4 27.6	1.906	2.761	12.3	19.1
2 21	11 37.53	− 4 3.7	1.840	2.765	8.9	18.9
3 2	11 30.97	− 3 24.1	1.798	2.769	5.1	18.7
3 12	11 23.61	− 2 33.0	1.784	2.774	2.2	18.5
3 22	11 16.34	− 1 36.2	1.798	2.779	4.4	18.7
4 1	11 10.05	− 0 40.0	1.839	2.785	8.2	18.9
4 11	11 5.44	+ 0 9.5	1.905	2.791	11.7	19.1

66779 1999 TS_{221} 3 10.8 236.°88 3.°8/ 6.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 47.72	+11 32.6	2.223	3.027	12.6	19.3
2 11	11 44.20	+12 42.0	2.131	3.018	9.8	19.1
2 21	11 38.65	+13 59.3	2.064	3.008	6.7	18.9
3 2	11 31.52	+15 18.4	2.024	2.999	4.1	18.7
3 12	11 23.54	+16 31.7	2.013	2.988	4.4	18.7
3 22	11 15.57	+17 32.5	2.030	2.978	7.2	18.8
4 1	11 8.48	+18 16.0	2.075	2.967	10.4	19.0
4 11	11 3.01	+18 39.9	2.143	2.956	13.4	19.2

244000 2001 SF_{24} 3 10.8 166.°13 0.°2/10.5 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 55.54	+ 2 46.1	1.776	2.556	16.3	21.0
2 11	11 50.71	+ 2 57.9	1.691	2.560	12.9	20.7
2 21	11 43.25	+ 3 23.1	1.626	2.564	8.8	20.5
3 2	11 33.76	+ 3 58.1	1.587	2.567	4.2	20.2
3 12	11 23.22	+ 4 37.2	1.577	2.570	0.8	20.0
3 22	11 12.82	+ 5 14.2	1.595	2.572	5.5	20.3
4 1	11 3.70	+ 5 43.4	1.641	2.574	10.0	20.6
4 11	10 56.75	+ 6 0.7	1.711	2.575	13.9	20.8

46197 2001 FK_{146} 3 10.8 30.°03 3.°6/13.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 1	11 53.38	− 3 43.6	1.454	2.230	19.4	18.6
2 11	11 49.59	− 4 27.6	1.375	2.235	15.9	18.4
2 21	11 42.81	− 4 53.6	1.315	2.241	11.6	18.2
3 2	11 33.65	− 5 1.4	1.277	2.247	7.0	17.9
3 12	11 23.25	− 4 53.2	1.265	2.253	3.7	17.7
3 22	11 12.99	− 4 34.0	1.279	2.260	6.0	17.9
4 1	11 4.23	− 4 10.3	1.319	2.267	10.5	18.1
4 11	10 58.00	− 3 49.1	1.382	2.275	14.7	18.4

113820 2002 TX_{218} 3 10.8 133.°05 1.°2/12.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.26	− 1 19.8	2.412	3.166	13.2	19.7
2 11	11 45.85	− 1 21.6	2.321	3.174	10.5	19.5
2 21	11 39.56	− 1 11.6	2.254	3.180	7.4	19.3
3 2	11 31.88	− 0 51.4	2.213	3.187	3.9	19.1
3 12	11 23.51	− 0 24.4	2.202	3.194	1.2	18.9
3 22	11 15.23	+ 0 5.5	2.220	3.200	3.9	19.1
4 1	11 7.83	+ 0 34.1	2.268	3.206	7.3	19.3
4 11	11 1.94	+ 0 57.3	2.341	3.212	10.4	19.5

89261 2001 VO 3 10.8 149.°25 10.°7/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.00	+31 46.7	1.944	2.753	14.0	18.7
2 11	11 48.10	+33 54.2	1.895	2.756	12.1	18.6
2 21	11 41.54	+35 52.9	1.870	2.760	10.9	18.5
3 2	11 32.94	+37 31.1	1.870	2.763	10.9	18.5
3 12	11 23.37	+38 39.6	1.895	2.766	12.0	18.6
3 22	11 14.04	+39 13.7	1.944	2.769	13.8	18.7
4 1	11 6.10	+39 13.2	2.012	2.772	15.8	18.9
4 11	11 0.42	+38 41.8	2.097	2.774	17.6	19.0

44115 1998 HQ_{23} 3 10.8 255.°18 10.°9/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.31	−27 51.1	1.912	2.535	20.0	19.6
2 11	11 44.68	−28 35.0	1.805	2.524	18.2	19.4
2 21	11 39.46	−28 48.8	1.713	2.513	16.1	19.2
3 2	11 32.10	−28 26.5	1.638	2.502	13.8	19.1
3 12	11 23.46	−27 25.5	1.585	2.491	11.8	18.9
3 22	11 14.69	−25 47.6	1.556	2.480	10.9	18.8
4 1	11 6.98	−23 40.1	1.551	2.468	11.6	18.8
4 11	11 1.35	−21 15.1	1.571	2.456	13.7	18.9

210258 2007 RW_{285} 3 10.8 130.°64 0.°3/10.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.09	+ 2 16.2	2.469	3.243	12.4	21.3
2 11	11 43.34	+ 2 47.3	2.382	3.250	9.7	21.1
2 21	11 37.84	+ 3 29.5	2.319	3.257	6.5	20.9
3 2	11 31.06	+ 4 19.3	2.284	3.264	3.1	20.7
3 12	11 23.64	+ 5 11.9	2.277	3.270	0.7	20.5
3 22	11 16.33	+ 6 2.5	2.301	3.277	4.2	20.8
4 1	11 9.84	+ 6 46.3	2.354	3.283	7.6	21.0
4 11	11 4.75	+ 7 19.9	2.432	3.289	10.5	21.2

191085 2002 CX_{273} 3 10.8 201.°05 1.°3/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.22	+ 3 46.4	2.049	2.839	14.0	20.7
2 11	11 43.90	+ 4 36.8	1.960	2.838	11.0	20.5
2 21	11 38.49	+ 5 40.8	1.893	2.836	7.3	20.3
3 2	11 31.45	+ 6 53.5	1.853	2.835	3.4	20.0
3 12	11 23.58	+ 8 8.2	1.842	2.833	1.8	19.9
3 22	11 15.77	+ 9 17.7	1.859	2.831	5.5	20.2
4 1	11 8.92	+10 15.7	1.904	2.828	9.4	20.4
4 11	11 3.76	+10 58.0	1.974	2.826	12.8	20.6

489765 2008 AU_{59} 3 10.8 7.°19 0.°4/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.00	+ 2 18.8	2.035	2.825	14.1	21.4
2 11	11 42.15	+ 2 46.1	1.949	2.826	11.1	21.2
2 21	11 37.27	+ 3 26.6	1.885	2.827	7.5	21.0
3 2	11 30.86	+ 4 16.5	1.847	2.829	3.5	20.7
3 12	11 23.67	+ 5 10.1	1.838	2.831	0.8	20.5
3 22	11 16.57	+ 6 1.6	1.856	2.833	4.9	20.8
4 1	11 10.43	+ 6 45.2	1.902	2.836	8.7	21.1
4 11	11 5.92	+ 7 16.9	1.972	2.840	12.1	21.3

170380 2003 SC_{274} 3 10.8 94.°79 1.°8/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.98	+ 5 44.8	1.617	2.419	16.7	20.7
2 11	11 48.08	+ 6 18.5	1.544	2.428	13.0	20.4
2 21	11 41.51	+ 7 5.2	1.492	2.437	8.7	20.2
3 2	11 32.93	+ 7 59.0	1.465	2.447	4.1	19.9
3 12	11 23.38	+ 8 52.2	1.465	2.456	2.3	19.8
3 22	11 14.07	+ 9 37.4	1.493	2.465	6.6	20.1
4 1	11 6.15	+10 8.7	1.547	2.474	10.9	20.4
4 11	11 0.47	+10 23.0	1.623	2.483	14.8	20.7

79201 1993 UY_4 3 10.8 211.°81 2.°0/ 8.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.15	+ 6 43.3	2.241	3.028	13.1	20.6
2 11	11 46.05	+ 7 30.2	2.145	3.022	10.2	20.4
2 21	11 39.88	+ 8 27.4	2.071	3.014	6.8	20.2
3 2	11 32.12	+ 9 30.1	2.026	3.007	3.3	20.0
3 12	11 23.50	+10 32.2	2.010	2.998	2.4	19.9
3 22	11 14.88	+11 27.3	2.024	2.989	5.7	20.1
4 1	11 7.17	+12 10.4	2.065	2.979	9.3	20.3
4 11	11 1.08	+12 38.3	2.132	2.969	12.6	20.5

187878 2000 QL_{120} 3 10.8 202.°60 1.°2/12.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.35	− 3 12.8	2.402	3.153	13.3	20.9
2 11	11 44.49	− 2 46.3	2.299	3.149	10.7	20.7
2 21	11 38.75	− 2 4.5	2.218	3.144	7.6	20.5
3 2	11 31.56	− 1 9.6	2.165	3.138	4.1	20.2
3 12	11 23.58	− 0 5.9	2.140	3.132	1.2	20.0
3 22	11 15.60	+ 1 1.2	2.146	3.126	4.0	20.2
4 1	11 8.43	+ 2 5.7	2.181	3.119	7.6	20.4
4 11	11 2.71	+ 3 2.4	2.242	3.111	10.8	20.6

416939 2005 SA_{120} 3 10.8 132.°58 0.°9/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.85	+ 4 35.5	2.220	2.995	13.5	22.1
2 11	11 47.96	+ 4 57.4	2.140	3.009	10.6	21.9
2 21	11 41.02	+ 5 29.1	2.083	3.022	7.1	21.7
3 2	11 32.59	+ 6 6.8	2.053	3.034	3.3	21.5
3 12	11 23.45	+ 6 45.4	2.054	3.046	1.2	21.4
3 22	11 14.50	+ 7 20.0	2.084	3.057	4.9	21.6
4 1	11 6.58	+ 7 46.4	2.143	3.068	8.5	21.9
4 11	11 0.36	+ 8 1.7	2.227	3.078	11.6	22.1

52475 1995 SO_{39} 3 10.8 350.°18 6.°3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.44	−15 34.9	2.331	3.015	15.4	19.1
2 11	11 45.54	−16 24.1	2.231	3.015	13.3	18.9
2 21	11 39.58	−16 55.1	2.150	3.015	10.8	18.7
3 2	11 32.00	−17 5.8	2.093	3.014	8.4	18.6
3 12	11 23.53	−16 56.2	2.062	3.014	6.6	18.5
3 22	11 15.02	−16 28.4	2.059	3.014	6.6	18.5
4 1	11 7.36	−15 47.0	2.083	3.014	8.3	18.6
4 11	11 1.29	−14 58.4	2.132	3.013	10.8	18.7

135375 2001 TU_{138} 3 10.8 80.°12 3.°1/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.65	+11 7.4	2.264	3.064	12.5	19.7
2 11	11 44.62	+11 59.9	2.200	3.084	9.6	19.5
2 21	11 38.71	+12 58.0	2.159	3.104	6.5	19.3
3 2	11 31.45	+13 55.9	2.146	3.123	3.7	19.2
3 12	11 23.63	+14 47.6	2.163	3.142	3.6	19.2
3 22	11 16.03	+15 28.0	2.208	3.162	6.3	19.4
4 1	11 9.43	+15 53.7	2.280	3.181	9.2	19.6
4 11	11 4.42	+16 3.5	2.377	3.200	11.9	19.8

326434 2001 UQ_{66} 3 10.8 153.°84 4.°2/15.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.51	−11 28.4	2.247	2.959	15.2	21.7
2 11	11 45.52	−11 32.0	2.153	2.966	12.7	21.5
2 21	11 39.50	−11 16.0	2.079	2.973	9.8	21.3
3 2	11 31.92	−10 40.4	2.030	2.979	6.7	21.1
3 12	11 23.55	− 9 47.8	2.008	2.984	4.4	21.0
3 22	11 15.24	− 8 42.8	2.015	2.989	4.9	21.0
4 1	11 7.86	− 7 32.0	2.051	2.994	7.7	21.2
4 11	11 2.11	− 6 22.2	2.113	2.998	10.7	21.4

105092 2000 LC_1 3 10.8 327.°85 5.°0/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.43	−12 20.4	1.912	2.644	16.9	19.2
2 11	11 41.29	−12 29.3	1.807	2.632	14.3	19.0
2 21	11 36.95	−12 14.9	1.722	2.620	11.2	18.8
3 2	11 30.83	−11 36.3	1.660	2.609	7.9	18.5
3 12	11 23.70	−10 35.5	1.623	2.598	5.3	18.4
3 22	11 16.50	− 9 17.8	1.612	2.588	5.7	18.4
4 1	11 10.23	− 7 51.2	1.629	2.578	8.7	18.5
4 11	11 5.72	− 6 24.7	1.670	2.569	12.3	18.7

272814 2006 AE_{48} 3 10.8 275.°37 2.°8/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.33	− 5 39.4	1.988	2.741	15.6	20.5
2 11	11 44.95	− 5 45.7	1.888	2.735	12.8	20.3
2 21	11 39.32	− 5 34.4	1.809	2.728	9.4	20.1
3 2	11 31.92	− 5 6.3	1.755	2.722	5.7	19.9
3 12	11 23.55	− 4 24.5	1.728	2.716	2.9	19.7
3 22	11 15.15	− 3 34.1	1.729	2.710	4.7	19.8
4 1	11 7.71	− 2 41.5	1.758	2.704	8.5	20.0
4 11	11 2.05	− 1 53.1	1.812	2.697	12.2	20.2

192075 2006 BW_{101} 3 10.8 180.°75 0.°3/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.17	+ 1 43.5	2.280	3.054	13.3	21.0
2 11	11 44.41	+ 2 17.5	2.188	3.055	10.4	20.8
2 21	11 38.71	+ 3 4.3	2.118	3.056	7.1	20.6
3 2	11 31.53	+ 4 0.3	2.076	3.056	3.3	20.3
3 12	11 23.61	+ 5 0.2	2.062	3.055	0.7	20.1
3 22	11 15.75	+ 5 58.3	2.079	3.055	4.6	20.4
4 1	11 8.76	+ 6 49.2	2.124	3.054	8.2	20.6
4 11	11 3.31	+ 7 28.7	2.194	3.052	11.5	20.8

192545 1998 SS_{160} 3 10.8 89.°91 3.°6/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 57.33	+10 17.7	1.435	2.245	18.0	20.2
2 11	11 52.50	+10 49.0	1.372	2.260	14.0	20.0
2 21	11 44.60	+11 29.0	1.329	2.276	9.4	19.7
3 2	11 34.41	+12 10.3	1.312	2.291	5.0	19.5
3 12	11 23.23	+12 44.2	1.321	2.306	4.1	19.5
3 22	11 12.49	+13 4.0	1.356	2.321	8.0	19.8
4 1	11 3.51	+13 5.8	1.417	2.336	12.4	20.0
4 11	10 57.19	+12 48.9	1.500	2.350	16.2	20.3

342955 2009 AN_{49} 3 10.8 327.°47 1.°8/ 8.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.15	+ 4 36.9	2.040	2.839	13.8	20.7
2 11	11 41.57	+ 5 36.0	1.949	2.833	10.7	20.5
2 21	11 36.94	+ 6 48.7	1.881	2.827	7.1	20.3
3 2	11 30.75	+ 8 9.9	1.840	2.822	3.4	20.0
3 12	11 23.73	+ 9 32.2	1.827	2.817	2.2	19.9
3 22	11 16.74	+10 48.1	1.843	2.812	5.8	20.1
4 1	11 10.67	+11 51.1	1.885	2.807	9.6	20.4
4 11	11 6.22	+12 37.0	1.952	2.803	13.0	20.6

505032 2011 QH_{76} 3 10.8 186.°61 0.°5/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.28	+ 3 5.2	2.884	3.654	10.9	22.5
2 11	11 42.50	+ 3 36.9	2.788	3.654	8.5	22.3
2 21	11 37.20	+ 4 17.8	2.716	3.653	5.7	22.1
3 2	11 30.75	+ 5 4.9	2.672	3.652	2.7	21.9
3 12	11 23.74	+ 5 54.3	2.658	3.651	0.8	21.8
3 22	11 16.77	+ 6 41.6	2.675	3.649	3.8	22.0
4 1	11 10.46	+ 7 22.9	2.721	3.647	6.8	22.2
4 11	11 5.34	+ 7 55.1	2.793	3.644	9.5	22.4

285320 1999 CS_{10} 3 10.8 50.°70 5.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.07	− 6 52.8	1.508	2.263	19.7	20.2
2 11	11 51.42	− 7 53.2	1.441	2.284	16.3	20.0
2 21	11 43.85	− 8 33.9	1.393	2.305	12.2	19.8
3 2	11 34.08	− 8 53.4	1.368	2.327	8.1	19.6
3 12	11 23.28	− 8 53.1	1.369	2.349	5.2	19.5
3 22	11 12.82	− 8 37.3	1.396	2.371	6.4	19.6
4 1	11 3.96	− 8 12.6	1.449	2.394	10.0	19.8
4 11	10 57.61	− 7 46.3	1.526	2.417	13.7	20.1

294477 2007 VC_{333} 3 10.8 317.°64 1.°2/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.20	+ 5 13.9	2.241	3.029	13.0	20.8
2 11	11 43.70	+ 5 42.2	2.150	3.027	10.2	20.6
2 21	11 38.26	+ 6 20.6	2.082	3.025	6.8	20.4
3 2	11 31.34	+ 7 5.0	2.041	3.023	3.2	20.2
3 12	11 23.67	+ 7 50.3	2.029	3.020	1.5	20.0
3 22	11 16.06	+ 8 31.2	2.046	3.018	5.0	20.3
4 1	11 9.33	+ 9 3.1	2.091	3.016	8.6	20.5
4 11	11 4.16	+ 9 22.9	2.160	3.015	11.8	20.7

185406 2006 WJ_{129} 3 10.8 245.°26 0.°7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.76	+ 3 59.7	2.685	3.460	11.4	21.1
2 11	11 43.07	+ 4 28.0	2.579	3.449	9.0	21.0
2 21	11 37.70	+ 5 5.8	2.498	3.438	6.0	20.7
3 2	11 31.05	+ 5 49.9	2.445	3.426	2.8	20.5
3 12	11 23.71	+ 6 36.1	2.422	3.414	1.0	20.3
3 22	11 16.36	+ 7 19.8	2.428	3.402	4.2	20.6
4 1	11 9.69	+ 7 57.0	2.464	3.389	7.5	20.7
4 11	11 4.30	+ 8 24.4	2.525	3.377	10.4	20.9

53181 1999 CT_{40} 3 10.8 347.°72 4.°7/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.71	+14 18.8	1.601	2.415	16.2	18.1
2 11	11 50.42	+14 43.0	1.522	2.412	12.8	17.9
2 21	11 43.24	+15 11.4	1.464	2.410	8.9	17.6
3 2	11 33.84	+15 36.6	1.432	2.407	5.4	17.4
3 12	11 23.32	+15 51.2	1.426	2.406	5.2	17.4
3 22	11 13.01	+15 49.6	1.447	2.404	8.5	17.6
4 1	11 4.19	+15 29.0	1.494	2.403	12.5	17.8
4 11	10 57.78	+14 49.6	1.562	2.403	16.2	18.0

426466 2013 QW_{82} 3 10.8 223.°97 5.°9/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.02	+16 40.9	2.099	2.911	13.0	20.7
2 11	11 45.44	+18 21.8	2.014	2.902	10.2	20.5
2 21	11 39.64	+20 8.6	1.955	2.893	7.5	20.3
3 2	11 32.07	+21 52.3	1.924	2.884	5.9	20.2
3 12	11 23.57	+23 23.6	1.921	2.874	6.8	20.2
3 22	11 15.06	+24 34.8	1.946	2.864	9.4	20.4
4 1	11 7.55	+25 21.4	1.996	2.853	12.4	20.5
4 11	11 1.81	+25 42.3	2.068	2.842	15.1	20.7

41220 1999 XV_{12} 3 10.8 221.°80 0.°9/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.73	− 2 45.1	2.399	3.156	13.2	19.8
2 11	11 43.27	− 2 12.2	2.294	3.148	10.6	19.6
2 21	11 37.96	− 1 23.9	2.212	3.141	7.4	19.3
3 2	11 31.21	− 0 22.4	2.157	3.132	3.9	19.1
3 12	11 23.69	+ 0 47.5	2.131	3.124	0.9	18.9
3 22	11 16.16	+ 2 0.3	2.135	3.115	4.0	19.1
4 1	11 9.39	+ 3 9.6	2.168	3.106	7.6	19.3
4 11	11 4.06	+ 4 10.2	2.228	3.096	10.9	19.5

58388 1995 TK 3 10.8 251.°32 0.°2/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.03	− 0 57.9	2.163	2.935	14.0	19.8
2 11	11 43.01	+ 0 3.2	2.055	2.921	11.1	19.6
2 21	11 37.95	+ 1 22.9	1.969	2.906	7.6	19.3
3 2	11 31.27	+ 2 57.2	1.911	2.891	3.6	19.1
3 12	11 23.68	+ 4 39.7	1.882	2.876	0.7	18.8
3 22	11 16.02	+ 6 22.1	1.884	2.860	4.9	19.1
4 1	11 9.17	+ 7 56.5	1.914	2.844	9.0	19.3
4 11	11 3.89	+ 9 16.2	1.969	2.828	12.6	19.5

293442 2007 EN_{164} 3 10.8 77.°24 3.°2/ 8.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.80	+ 6 53.6	1.327	2.145	18.7	20.9
2 11	11 48.46	+ 7 50.8	1.264	2.158	14.5	20.7
2 21	11 42.04	+ 9 3.3	1.221	2.171	9.7	20.5
3 2	11 33.27	+10 22.4	1.202	2.183	4.8	20.2
3 12	11 23.43	+11 37.2	1.208	2.196	3.8	20.2
3 22	11 13.93	+12 37.7	1.241	2.209	8.2	20.5
4 1	11 6.12	+13 17.0	1.298	2.222	12.9	20.8
4 11	11 0.94	+13 32.6	1.376	2.234	17.0	21.0

367125 2006 SB_{145} 3 10.8 321.°07 1.°0/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.07	− 1 48.5	1.441	2.239	18.5	20.6
2 11	11 43.29	− 1 29.9	1.347	2.225	14.9	20.3
2 21	11 38.72	− 0 48.7	1.272	2.212	10.5	20.0
3 2	11 31.84	+ 0 12.7	1.219	2.198	5.4	19.7
3 12	11 23.61	+ 1 27.6	1.192	2.186	1.1	19.3
3 22	11 15.29	+ 2 46.7	1.191	2.174	5.9	19.6
4 1	11 8.21	+ 3 59.9	1.215	2.162	11.2	19.9
4 11	11 3.44	+ 4 58.4	1.260	2.152	16.0	20.1

89055 2001 TT_{123} 3 10.8 295.°47 5.°2/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.42	− 7 46.5	1.443	2.206	20.1	19.7
2 11	11 48.39	− 8 29.8	1.349	2.198	16.8	19.5
2 21	11 42.29	− 8 51.7	1.274	2.189	12.9	19.2
3 2	11 33.59	− 8 49.9	1.220	2.180	8.5	18.9
3 12	11 23.36	− 8 25.5	1.190	2.172	5.4	18.7
3 22	11 12.99	− 7 43.5	1.186	2.164	6.8	18.8
4 1	11 3.96	− 6 51.9	1.206	2.156	11.1	19.0
4 11	10 57.47	− 6 0.4	1.249	2.148	15.6	19.2

269771 1999 TW_{71} 3 10.8 74.°72 0.°6/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.75	+ 3 3.1	1.978	2.765	14.6	21.2
2 11	11 45.15	+ 3 27.0	1.893	2.767	11.4	21.0
2 21	11 39.37	+ 4 3.5	1.829	2.770	7.7	20.8
3 2	11 31.92	+ 4 48.9	1.791	2.772	3.6	20.5
3 12	11 23.64	+ 5 37.4	1.782	2.775	1.0	20.3
3 22	11 15.45	+ 6 23.0	1.801	2.778	5.1	20.6
4 1	11 8.31	+ 7 0.4	1.848	2.780	9.1	20.9
4 11	11 2.94	+ 7 25.5	1.919	2.783	12.6	21.1

459024 2011 YC_{35} 3 10.8 80.°33 1.°8/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.03	− 2 17.9	1.618	2.390	17.9	21.5
2 11	11 49.56	− 2 20.2	1.551	2.412	14.3	21.3
2 21	11 42.45	− 2 4.5	1.504	2.434	10.1	21.1
3 2	11 33.38	− 1 33.2	1.481	2.455	5.4	20.8
3 12	11 23.45	− 0 51.6	1.485	2.476	1.8	20.6
3 22	11 13.85	− 0 6.2	1.517	2.498	5.1	20.9
4 1	11 5.70	+ 0 36.1	1.575	2.518	9.5	21.2
4 11	10 59.83	+ 1 9.6	1.658	2.539	13.4	21.5

487581 2015 BE_{519} 3 10.8 80.°25 0.°1/ 7.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 27.05	+10 45.4	46.496	47.283	0.7	22.3
2 11	11 26.51	+10 50.5	46.406	47.285	0.5	22.3
2 21	11 25.91	+10 55.8	46.343	47.286	0.4	22.3
3 2	11 25.26	+11 1.0	46.309	47.288	0.2	22.3
3 12	11 24.59	+11 6.2	46.305	47.289	0.2	22.3
3 22	11 23.91	+11 11.0	46.331	47.291	0.3	22.3
4 1	11 23.27	+11 15.4	46.386	47.292	0.5	22.3
4 11	11 22.68	+11 19.2	46.469	47.294	0.7	22.3

132514 2002 JM_{47} 3 10.8 269.°39 6.°1/ 4.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.94	+19 44.4	2.119	2.926	13.1	19.7
2 11	11 48.54	+20 39.0	2.027	2.909	10.5	19.5
2 21	11 41.76	+21 34.7	1.958	2.891	7.8	19.3
3 2	11 33.11	+22 24.0	1.916	2.874	6.2	19.2
3 12	11 23.47	+22 59.4	1.901	2.856	6.7	19.2
3 22	11 13.84	+23 15.5	1.915	2.839	9.2	19.3
4 1	11 5.27	+23 9.4	1.953	2.821	12.1	19.4
4 11	10 58.59	+22 41.5	2.014	2.803	15.0	19.6

468200 2015 BC_{11} 3 10.8 24.°01 3.°9/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.58	+10 51.9	1.643	2.461	15.7	20.8
2 11	11 45.44	+11 40.3	1.572	2.466	12.2	20.6
2 21	11 39.76	+12 37.2	1.523	2.472	8.2	20.4
3 2	11 32.15	+13 35.4	1.499	2.477	4.7	20.2
3 12	11 23.62	+14 26.4	1.502	2.484	4.5	20.1
3 22	11 15.30	+15 3.2	1.531	2.491	7.9	20.4
4 1	11 8.30	+15 21.2	1.585	2.498	11.7	20.6
4 11	11 3.43	+15 18.9	1.661	2.506	15.2	20.8

498268 2007 VJ_4 3 10.8 77.°47 4.°5/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.60	−12 14.5	2.309	3.016	14.9	21.0
2 11	11 44.66	−12 31.8	2.228	3.036	12.5	20.9
2 21	11 38.83	−12 30.4	2.168	3.055	9.7	20.7
3 2	11 31.60	−12 10.3	2.132	3.075	6.9	20.6
3 12	11 23.70	−11 33.6	2.123	3.094	4.8	20.5
3 22	11 15.96	−10 44.3	2.143	3.113	5.1	20.5
4 1	11 9.14	− 9 48.1	2.191	3.132	7.4	20.7
4 11	11 3.90	− 8 51.3	2.265	3.151	10.1	20.9

139700 2001 QX_{225} 3 10.8 268.°12 4.°1/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.94	− 9 49.3	2.331	3.052	14.5	20.1
2 11	11 44.35	−10 9.9	2.225	3.045	12.1	19.9
2 21	11 38.78	−10 13.9	2.140	3.038	9.3	19.7
3 2	11 31.67	−10 0.8	2.080	3.031	6.4	19.5
3 12	11 23.69	− 9 32.2	2.047	3.023	4.2	19.3
3 22	11 15.67	− 8 51.5	2.042	3.016	4.9	19.4
4 1	11 8.44	− 8 4.0	2.066	3.009	7.6	19.5
4 11	11 2.74	− 7 15.4	2.116	3.002	10.7	19.7

207476 2006 HJ_{22} 3 10.8 290.°45 0.°6/10.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.00	+ 1 42.7	1.510	2.312	17.6	21.2
2 11	11 45.56	+ 2 14.8	1.411	2.294	14.1	21.0
2 21	11 40.28	+ 3 6.5	1.332	2.276	9.7	20.6
3 2	11 32.62	+ 4 14.1	1.277	2.258	4.6	20.3
3 12	11 23.55	+ 5 29.8	1.248	2.241	1.1	20.0
3 22	11 14.31	+ 6 44.2	1.245	2.223	6.6	20.3
4 1	11 6.27	+ 7 47.7	1.267	2.205	11.8	20.6
4 11	11 0.55	+ 8 33.3	1.312	2.188	16.5	20.8

84074 2002 PN_{163} 3 10.8 39.°22 2.°8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.18	+ 5 36.7	1.371	2.192	18.1	19.1
2 11	11 44.77	+ 6 38.8	1.306	2.202	14.0	18.9
2 21	11 39.51	+ 7 57.6	1.262	2.213	9.3	18.6
3 2	11 32.09	+ 9 24.9	1.242	2.224	4.5	18.4
3 12	11 23.65	+10 49.7	1.248	2.236	3.4	18.4
3 22	11 15.50	+12 1.7	1.279	2.249	7.8	18.6
4 1	11 8.85	+12 53.4	1.335	2.262	12.4	18.9
4 11	11 4.59	+13 21.2	1.412	2.275	16.3	19.2

121049 1999 CD_{46} 3 10.8 38.°03 0.°2/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.74	+ 1 44.1	1.191	2.007	20.5	19.6
2 11	11 47.15	+ 2 0.3	1.129	2.019	16.2	19.4
2 21	11 41.32	+ 2 36.6	1.085	2.032	11.0	19.1
3 2	11 33.00	+ 3 28.0	1.063	2.045	5.2	18.8
3 12	11 23.53	+ 4 25.5	1.066	2.059	0.9	18.5
3 22	11 14.41	+ 5 19.5	1.093	2.074	6.7	19.0
4 1	11 7.07	+ 6 1.4	1.144	2.089	12.1	19.3
4 11	11 2.49	+ 6 25.8	1.216	2.105	16.7	19.6

207783 2007 TA_{106} 3 10.8 62.°36 0.°2/10.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.13	+ 0 45.5	2.069	2.850	14.2	20.5
2 11	11 42.93	+ 1 25.2	1.993	2.864	11.1	20.3
2 21	11 37.75	+ 2 19.3	1.939	2.878	7.5	20.1
3 2	11 31.11	+ 3 23.5	1.912	2.892	3.6	19.9
3 12	11 23.79	+ 4 31.9	1.913	2.906	0.6	19.6
3 22	11 16.64	+ 5 37.9	1.943	2.920	4.7	20.0
4 1	11 10.48	+ 6 35.5	2.000	2.934	8.4	20.2
4 11	11 5.94	+ 7 20.3	2.083	2.949	11.7	20.5

383649 2007 SL_9 3 10.8 119.°52 1.°5/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.92	+ 6 46.4	2.697	3.477	11.3	21.7
2 11	11 44.55	+ 7 24.5	2.621	3.494	8.7	21.5
2 21	11 38.56	+ 8 9.8	2.570	3.511	5.8	21.3
3 2	11 31.42	+ 8 58.4	2.547	3.528	2.8	21.2
3 12	11 23.76	+ 9 45.5	2.555	3.544	1.8	21.1
3 22	11 16.26	+10 26.9	2.593	3.559	4.6	21.3
4 1	11 9.56	+10 59.0	2.660	3.575	7.5	21.5
4 11	11 4.21	+11 19.6	2.753	3.589	10.1	21.7

492097 2013 JF_{55} 3 10.8 248.°72 1.°3/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.58	+ 4 7.9	1.884	2.673	15.1	22.1
2 11	11 46.93	+ 4 45.4	1.782	2.659	11.9	21.9
2 21	11 40.84	+ 5 37.2	1.701	2.644	8.1	21.6
3 2	11 32.76	+ 6 39.0	1.647	2.628	3.8	21.3
3 12	11 23.55	+ 7 43.8	1.621	2.612	1.8	21.2
3 22	11 14.24	+ 8 44.3	1.623	2.596	6.0	21.4
4 1	11 5.95	+ 9 33.7	1.653	2.579	10.4	21.6
4 11	10 59.58	+10 7.2	1.706	2.562	14.3	21.8

286500 2002 BQ_{28} 3 10.8 353.°69 4.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.89	+11 52.4	1.094	1.935	20.3	19.4
2 11	11 49.44	+11 56.1	1.023	1.928	16.1	19.1
2 21	11 43.29	+12 7.1	0.970	1.923	11.0	18.8
3 2	11 34.12	+12 17.8	0.938	1.919	5.9	18.5
3 12	11 23.37	+12 19.3	0.929	1.916	4.7	18.5
3 22	11 12.85	+12 4.7	0.943	1.915	9.4	18.7
4 1	11 4.29	+11 30.6	0.980	1.916	14.7	19.0
4 11	10 58.91	+10 37.0	1.036	1.917	19.5	19.3

161943 2007 GF_{18} 3 10.8 221.°04 3.°9/ 5.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.55	+13 15.3	2.578	3.375	11.3	20.7
2 11	11 44.62	+14 29.6	2.482	3.365	8.8	20.5
2 21	11 38.85	+15 50.0	2.412	3.353	6.1	20.3
3 2	11 31.67	+17 10.7	2.371	3.342	4.1	20.2
3 12	11 23.72	+18 24.8	2.360	3.329	4.5	20.2
3 22	11 15.76	+19 26.6	2.379	3.316	6.9	20.3
4 1	11 8.56	+20 11.8	2.425	3.303	9.7	20.5
4 11	11 2.76	+20 38.5	2.495	3.288	12.3	20.6

313710 2003 UW_{76} 3 10.8 93.°21 4.°3/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.69	− 9 39.2	1.786	2.518	17.9	21.4
2 11	11 49.13	− 9 53.9	1.715	2.542	14.8	21.2
2 21	11 42.09	− 9 46.8	1.662	2.566	11.1	21.0
3 2	11 33.23	− 9 18.0	1.634	2.589	7.3	20.9
3 12	11 23.52	− 8 31.1	1.632	2.612	4.5	20.7
3 22	11 14.10	− 7 31.9	1.658	2.635	5.5	20.8
4 1	11 6.00	− 6 28.2	1.712	2.656	8.8	21.1
4 11	11 0.00	− 5 27.6	1.791	2.678	12.2	21.3

421777 2014 QV_{19} 3 10.8 151.°14 2.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.83	− 5 15.3	1.864	2.616	16.6	21.3
2 11	11 47.76	− 5 16.9	1.775	2.622	13.5	21.1
2 21	11 41.26	− 5 0.0	1.707	2.627	9.8	20.9
3 2	11 32.90	− 4 25.8	1.664	2.632	5.8	20.7
3 12	11 23.56	− 3 38.0	1.648	2.637	2.7	20.5
3 22	11 14.31	− 2 42.7	1.660	2.641	4.9	20.6
4 1	11 6.20	− 1 46.8	1.701	2.645	8.9	20.9
4 11	11 0.06	− 0 56.9	1.766	2.648	12.6	21.1

509052 2005 SS_{266} 3 10.8 224.°67 1.°6/13.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 45.17	− 5 58.9	3.212	3.939	10.7	23.0
2 11	11 41.58	− 5 32.5	3.095	3.928	8.7	22.8
2 21	11 36.59	− 4 53.1	3.002	3.915	6.3	22.6
3 2	11 30.53	− 4 2.0	2.936	3.903	3.7	22.4
3 12	11 23.89	− 3 2.1	2.901	3.890	1.7	22.3
3 22	11 17.22	− 1 57.4	2.896	3.876	3.1	22.4
4 1	11 11.09	− 0 52.3	2.922	3.862	5.8	22.5
4 11	11 5.99	+ 0 8.9	2.976	3.847	8.4	22.7

523755 2014 WZ_{508} 3 10.8 6.°39 0.°2/13.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 28.81	− 3 35.6	25.951	26.676	1.5	22.2
2 11	11 27.90	− 3 33.8	25.858	26.689	1.2	22.2
2 21	11 26.86	− 3 30.7	25.790	26.703	0.8	22.1
3 2	11 25.73	− 3 26.7	25.752	26.716	0.5	22.1
3 12	11 24.57	− 3 21.9	25.743	26.730	0.3	22.1
3 22	11 23.41	− 3 16.6	25.764	26.743	0.4	22.1
4 1	11 22.30	− 3 11.2	25.815	26.757	0.7	22.1
4 11	11 21.28	− 3 5.8	25.895	26.770	1.1	22.2

460840 2014 WV_{83} 3 10.8 258.°21 1.°4/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.82	+ 3 56.6	1.808	2.601	15.5	21.9
2 11	11 46.46	+ 4 38.1	1.706	2.585	12.2	21.7
2 21	11 40.60	+ 5 35.0	1.625	2.569	8.3	21.4
3 2	11 32.68	+ 6 42.9	1.571	2.552	3.9	21.1
3 12	11 23.58	+ 7 54.3	1.544	2.535	1.9	20.9
3 22	11 14.36	+ 9 1.3	1.545	2.518	6.3	21.1
4 1	11 6.18	+ 9 56.3	1.573	2.500	10.8	21.4
4 11	10 59.99	+10 34.2	1.624	2.482	14.8	21.6

501572 2014 OP_{127} 3 10.8 321.°83 5.°7/ 6.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.01	+12 39.0	1.389	2.218	17.4	21.3
2 11	11 47.23	+13 52.4	1.314	2.214	13.7	21.0
2 21	11 41.38	+15 16.5	1.261	2.210	9.5	20.8
3 2	11 33.09	+16 40.9	1.232	2.207	6.1	20.5
3 12	11 23.53	+17 53.9	1.228	2.203	6.5	20.6
3 22	11 14.11	+18 45.4	1.249	2.200	10.3	20.8
4 1	11 6.23	+19 9.7	1.293	2.197	14.5	21.0
4 11	11 0.91	+19 5.7	1.358	2.195	18.4	21.2

501245 2013 VW_{15} 3 10.8 136.°89 2.°1/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.67	+ 7 7.3	2.251	3.042	12.9	21.9
2 11	11 44.78	+ 7 56.2	2.170	3.049	10.0	21.7
2 21	11 38.96	+ 8 54.2	2.113	3.057	6.6	21.6
3 2	11 31.70	+ 9 56.6	2.083	3.064	3.3	21.3
3 12	11 23.74	+10 56.9	2.083	3.071	2.5	21.3
3 22	11 15.91	+11 49.4	2.112	3.077	5.6	21.5
4 1	11 9.02	+12 29.6	2.170	3.083	9.0	21.7
4 11	11 3.71	+12 54.8	2.251	3.089	12.0	21.9

238907 2005 YD_{205} 3 10.8 298.°82 3.°5/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.29	+ 7 25.5	1.377	2.200	17.9	20.3
2 11	11 46.04	+ 8 21.0	1.288	2.185	14.1	20.0
2 21	11 40.73	+ 9 33.4	1.219	2.170	9.5	19.7
3 2	11 32.88	+10 55.2	1.174	2.155	4.9	19.4
3 12	11 23.55	+12 15.6	1.154	2.141	4.2	19.3
3 22	11 14.15	+13 23.5	1.159	2.126	8.8	19.6
4 1	11 6.12	+14 10.2	1.189	2.112	13.8	19.8
4 11	11 0.64	+14 31.1	1.238	2.099	18.3	20.0

78780 2002 VX_{70} 3 10.8 165.°43 5.°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.95	+19 55.0	2.277	3.086	12.2	19.7
2 11	11 45.87	+20 59.3	2.204	3.087	9.7	19.5
2 21	11 39.74	+22 4.0	2.155	3.088	7.3	19.3
3 2	11 32.08	+23 1.7	2.133	3.089	5.8	19.3
3 12	11 23.70	+23 45.9	2.139	3.090	6.5	19.3
3 22	11 15.47	+24 11.7	2.173	3.090	8.6	19.4
4 1	11 8.24	+24 16.9	2.232	3.091	11.2	19.6
4 11	11 2.71	+24 1.7	2.313	3.091	13.6	19.8

99140 2001 FM_{104} 3 10.8 224.°26 2.°7/ 8.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.72	+ 9 30.1	2.150	2.947	13.2	20.1
2 11	11 45.79	+10 7.6	2.062	2.945	10.3	19.9
2 21	11 39.77	+10 52.8	1.997	2.941	6.9	19.7
3 2	11 32.14	+11 40.4	1.959	2.938	3.6	19.4
3 12	11 23.69	+12 24.6	1.950	2.935	3.1	19.4
3 22	11 15.32	+12 59.6	1.969	2.931	6.2	19.6
4 1	11 7.92	+13 21.5	2.016	2.928	9.7	19.8
4 11	11 2.21	+13 27.9	2.087	2.924	12.8	20.0

360427 2002 GV_{185} 3 10.8 233.°04 2.°4/13.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.81	− 7 16.6	2.219	2.953	14.7	22.3
2 11	11 46.00	− 6 52.0	2.102	2.937	12.1	22.1
2 21	11 40.05	− 6 7.5	2.007	2.921	8.9	21.8
3 2	11 32.36	− 5 4.1	1.937	2.903	5.4	21.6
3 12	11 23.65	− 3 45.6	1.897	2.885	2.5	21.4
3 22	11 14.81	− 2 18.2	1.886	2.866	4.4	21.5
4 1	11 6.78	− 0 49.4	1.904	2.846	8.2	21.6
4 11	11 0.36	+ 0 33.3	1.949	2.825	11.9	21.8

455554 2004 MQ_1 3 10.8 49.°75 7.°1/ 6.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 18.73	+16 49.2	1.383	2.165	19.9	21.4
2 11	12 7.78	+18 39.3	1.381	2.250	15.2	21.3
2 21	11 53.83	+20 24.4	1.401	2.332	10.6	21.2
3 2	11 38.31	+21 51.1	1.450	2.411	7.5	21.3
3 12	11 22.95	+22 49.9	1.529	2.488	7.7	21.5
3 22	11 9.31	+23 17.9	1.637	2.562	10.4	21.8
4 1	10 58.45	+23 17.3	1.771	2.634	13.4	22.1
4 11	10 50.84	+22 53.6	1.926	2.704	15.9	22.4

214187 2005 EJ_{10} 3 10.8 47.°44 0.°7/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.38	− 0 19.6	1.315	2.116	19.8	20.8
2 11	11 47.31	− 0 8.0	1.253	2.133	15.7	20.6
2 21	11 41.25	+ 0 24.0	1.210	2.151	10.8	20.4
3 2	11 32.93	+ 1 12.2	1.190	2.169	5.4	20.1
3 12	11 23.61	+ 2 9.0	1.195	2.188	0.8	19.8
3 22	11 14.65	+ 3 5.6	1.226	2.207	6.0	20.2
4 1	11 7.35	+ 3 53.6	1.281	2.227	11.0	20.6
4 11	11 2.60	+ 4 27.0	1.359	2.247	15.3	20.9

81029 2000 EQ_{45} 3 10.8 279.°90 0.°9/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.24	− 2 2.6	1.755	2.535	16.4	19.4
2 11	11 44.42	− 1 36.2	1.660	2.527	13.2	19.2
2 21	11 39.18	− 0 50.2	1.585	2.520	9.2	18.9
3 2	11 31.99	+ 0 12.6	1.534	2.512	4.8	18.6
3 12	11 23.72	+ 1 26.1	1.511	2.504	0.9	18.3
3 22	11 15.43	+ 2 42.6	1.516	2.497	5.1	18.6
4 1	11 8.22	+ 3 53.6	1.547	2.489	9.7	18.9
4 11	11 2.96	+ 4 52.2	1.602	2.482	13.8	19.1

368220 2001 TW_{25} 3 10.8 192.°62 0.°2/11.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.51	+ 0 45.6	2.580	3.336	12.4	23.0
2 11	11 46.82	+ 1 5.9	2.478	3.334	9.8	22.8
2 21	11 40.29	+ 1 37.6	2.400	3.331	6.7	22.6
3 2	11 32.36	+ 2 18.0	2.349	3.327	3.3	22.4
3 12	11 23.68	+ 3 3.1	2.329	3.323	0.4	22.1
3 22	11 15.02	+ 3 48.3	2.340	3.317	4.0	22.4
4 1	11 7.15	+ 4 29.2	2.380	3.311	7.4	22.6
4 11	11 0.69	+ 5 1.9	2.447	3.304	10.5	22.8

383679 2007 TL_{235} 3 10.8 90.°23 0.°5/10.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.77	+ 2 32.5	2.305	3.082	13.0	21.9
2 11	11 43.98	+ 3 5.0	2.228	3.098	10.2	21.7
2 21	11 38.36	+ 3 48.7	2.174	3.113	6.8	21.6
3 2	11 31.40	+ 4 40.1	2.147	3.128	3.2	21.4
3 12	11 23.83	+ 5 33.8	2.150	3.143	0.8	21.2
3 22	11 16.41	+ 6 24.5	2.182	3.157	4.4	21.5
4 1	11 9.92	+ 7 7.5	2.242	3.172	7.9	21.7
4 11	11 4.93	+ 7 39.4	2.328	3.186	10.9	21.9

110360 2001 SY_{322} 3 10.8 107.°22 1.°7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.18	+ 4 2.0	2.020	2.807	14.3	20.4
2 11	11 45.33	+ 5 9.2	1.949	2.826	11.1	20.2
2 21	11 39.39	+ 6 29.4	1.901	2.844	7.3	20.0
3 2	11 31.92	+ 7 56.8	1.881	2.862	3.4	19.8
3 12	11 23.76	+ 9 23.5	1.890	2.880	2.1	19.7
3 22	11 15.81	+10 42.1	1.928	2.897	5.7	20.0
4 1	11 8.93	+11 46.5	1.995	2.913	9.4	20.2
4 11	11 3.80	+12 33.2	2.085	2.929	12.6	20.5

382742 2003 BK_{48} 3 10.8 62.°88 4.°1/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.85	− 8 55.3	2.186	2.911	15.2	20.6
2 11	11 46.53	− 9 26.9	2.106	2.929	12.6	20.4
2 21	11 40.18	− 9 41.9	2.048	2.948	9.6	20.2
3 2	11 32.31	− 9 40.0	2.014	2.966	6.4	20.1
3 12	11 23.72	− 9 23.1	2.008	2.985	4.2	20.0
3 22	11 15.29	− 8 54.9	2.030	3.004	4.9	20.0
4 1	11 7.87	− 8 20.3	2.081	3.022	7.6	20.2
4 11	11 2.13	− 7 45.0	2.157	3.041	10.6	20.5

499076 2009 EG_{29} 3 10.8 239.°16 1.°5/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.77	+ 7 25.3	2.467	3.251	12.1	21.5
2 11	11 45.54	+ 7 42.1	2.372	3.247	9.4	21.4
2 21	11 39.45	+ 8 5.9	2.302	3.244	6.3	21.2
3 2	11 31.96	+ 8 33.1	2.259	3.240	3.0	20.9
3 12	11 23.76	+ 8 59.4	2.246	3.236	1.8	20.8
3 22	11 15.61	+ 9 20.6	2.262	3.232	4.9	21.0
4 1	11 8.30	+ 9 33.5	2.307	3.227	8.2	21.2
4 11	11 2.45	+ 9 35.6	2.377	3.223	11.1	21.4

102489 1999 TC_{262} 3 10.8 17.°40 0.°6/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.67	+ 0 14.3	1.496	2.291	18.1	20.2
2 11	11 46.65	+ 0 23.0	1.416	2.293	14.4	20.0
2 21	11 40.83	+ 0 49.7	1.355	2.294	10.0	19.7
3 2	11 32.81	+ 1 31.2	1.317	2.296	5.0	19.4
3 12	11 23.64	+ 2 21.3	1.305	2.299	0.7	19.1
3 22	11 14.59	+ 3 12.3	1.320	2.301	5.7	19.5
4 1	11 6.91	+ 3 56.6	1.361	2.304	10.7	19.8
4 11	11 1.56	+ 4 28.0	1.424	2.308	15.0	20.0

35124 1992 EU_{21} 3 10.8 174.°60 3.°0/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.27	+ 9 42.3	2.435	3.235	11.8	19.2
2 11	11 42.08	+10 52.0	2.350	3.236	9.1	19.0
2 21	11 37.13	+12 9.8	2.291	3.236	6.1	18.8
3 2	11 30.86	+13 29.9	2.259	3.236	3.5	18.7
3 12	11 23.92	+14 45.8	2.257	3.237	3.5	18.7
3 22	11 17.04	+15 51.5	2.284	3.237	6.2	18.8
4 1	11 10.96	+16 42.5	2.339	3.237	9.1	19.0
4 11	11 6.28	+17 16.1	2.418	3.237	11.8	19.2

416615 2004 RS_{93} 3 10.8 127.°16 3.°1/14.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.01	− 8 29.7	2.377	3.099	14.2	21.8
2 11	11 45.73	− 8 28.2	2.289	3.114	11.7	21.7
2 21	11 39.57	− 8 9.9	2.224	3.128	8.7	21.5
3 2	11 32.01	− 7 35.5	2.184	3.142	5.5	21.3
3 12	11 23.77	− 6 48.1	2.172	3.155	3.2	21.2
3 22	11 15.65	− 5 52.4	2.190	3.168	4.2	21.3
4 1	11 8.43	− 4 53.9	2.238	3.180	7.2	21.5
4 11	11 2.74	− 3 58.3	2.312	3.192	10.1	21.7

128719 2004 RJ_{124} 3 10.8 119.°88 5.°4/ 4.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.69	+16 22.1	2.108	2.918	13.0	20.6
2 11	11 45.76	+17 45.9	2.043	2.930	10.1	20.4
2 21	11 39.71	+19 13.1	2.002	2.941	7.3	20.3
3 2	11 32.10	+20 35.5	1.988	2.952	5.5	20.2
3 12	11 23.76	+21 45.3	2.003	2.962	6.1	20.2
3 22	11 15.61	+22 36.3	2.046	2.973	8.5	20.4
4 1	11 8.55	+23 5.5	2.114	2.982	11.3	20.6
4 11	11 3.25	+23 12.5	2.205	2.992	13.9	20.8

210794 2001 ES_{18} 3 10.8 317.°39 2.°2/ 8.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 42.28	− 4 59.5	1.080	1.895	22.3	19.7
2 11	11 41.90	− 2 24.2	0.999	1.890	17.7	19.4
2 21	11 38.23	+ 1 2.0	0.936	1.886	11.9	19.1
3 2	11 31.79	+ 5 8.5	0.898	1.882	5.3	18.7
3 12	11 23.77	+ 9 31.7	0.888	1.879	3.3	18.5
3 22	11 15.74	+13 42.2	0.904	1.875	9.9	18.9
4 1	11 9.35	+17 14.2	0.946	1.872	16.2	19.2
4 11	11 5.81	+19 54.1	1.008	1.869	21.5	19.5

352635 2008 GK_{88} 3 10.8 318.°18 3.°6/ 6.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.45	+14 10.0	2.478	3.279	11.5	21.4
2 11	11 44.52	+14 46.7	2.392	3.276	9.0	21.2
2 21	11 38.76	+15 26.7	2.331	3.273	6.2	21.0
3 2	11 31.63	+16 5.0	2.297	3.270	3.9	20.8
3 12	11 23.82	+16 36.3	2.292	3.266	4.0	20.8
3 22	11 16.11	+16 56.5	2.315	3.263	6.4	21.0
4 1	11 9.25	+17 2.7	2.366	3.261	9.2	21.2
4 11	11 3.86	+16 53.9	2.441	3.258	11.8	21.3

388688 2007 UP_{103} 3 10.8 113.°87 5.°0/ 4.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.33	+18 6.2	2.383	3.189	11.8	21.2
2 11	11 45.24	+19 6.8	2.312	3.196	9.3	21.1
2 21	11 39.24	+20 8.6	2.267	3.203	6.8	20.9
3 2	11 31.84	+21 5.0	2.249	3.210	5.1	20.8
3 12	11 23.80	+21 49.8	2.260	3.217	5.6	20.9
3 22	11 15.93	+22 18.6	2.298	3.224	7.8	21.0
4 1	11 9.02	+22 28.8	2.363	3.230	10.3	21.2
4 11	11 3.69	+22 20.5	2.451	3.237	12.7	21.3

348997 2006 UP_{197} 3 10.8 284.°17 3.°4/14.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.10	− 9 56.3	2.445	3.168	13.8	21.3
2 11	11 42.01	− 9 52.7	2.343	3.166	11.5	21.2
2 21	11 37.13	− 9 31.5	2.263	3.164	8.7	21.0
3 2	11 30.89	− 8 53.1	2.207	3.161	5.8	20.8
3 12	11 23.92	− 8 0.2	2.179	3.159	3.6	20.6
3 22	11 16.97	− 6 57.2	2.180	3.157	4.3	20.7
4 1	11 10.78	− 5 49.9	2.209	3.155	7.0	20.8
4 11	11 5.97	− 4 44.3	2.265	3.152	10.0	21.0

29877 1999 GL_{17} 3 10.8 142.°43 5.°4/ 4.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.84	+15 49.6	2.061	2.871	13.2	17.4
2 11	11 45.98	+17 17.2	1.991	2.879	10.3	17.3
2 21	11 39.92	+18 49.2	1.946	2.886	7.4	17.1
3 2	11 32.23	+20 17.4	1.928	2.893	5.5	17.0
3 12	11 23.75	+21 33.2	1.939	2.899	6.2	17.0
3 22	11 15.44	+22 30.0	1.977	2.905	8.7	17.2
4 1	11 8.21	+23 4.1	2.041	2.911	11.6	17.4
4 11	11 2.78	+23 15.1	2.127	2.916	14.3	17.6

121399 1999 TO_{129} 3 10.8 144.°92 0.°7/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.16	− 0 30.1	2.144	2.912	14.2	20.7
2 11	11 45.33	− 0 13.7	2.054	2.916	11.3	20.5
2 21	11 39.45	+ 0 16.7	1.987	2.920	7.8	20.3
3 2	11 32.01	+ 0 58.4	1.946	2.924	4.0	20.0
3 12	11 23.78	+ 1 46.7	1.934	2.927	0.7	19.8
3 22	11 15.64	+ 2 36.1	1.951	2.930	4.4	20.1
4 1	11 8.45	+ 3 21.1	1.996	2.934	8.2	20.3
4 11	11 2.91	+ 3 57.1	2.066	2.937	11.6	20.5

375389 2008 SP_{219} 3 10.8 193.°48 1.°5/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.56	− 3 9.7	2.229	2.984	14.1	21.3
2 11	11 44.84	− 2 58.9	2.132	2.984	11.3	21.1
2 21	11 39.12	− 2 32.9	2.057	2.982	8.1	20.9
3 2	11 31.87	− 1 53.7	2.008	2.981	4.4	20.7
3 12	11 23.80	− 1 5.1	1.988	2.979	1.5	20.5
3 22	11 15.76	− 0 12.4	1.997	2.977	4.2	20.6
4 1	11 8.61	+ 0 38.9	2.034	2.975	7.8	20.9
4 11	11 3.03	+ 1 23.5	2.097	2.973	11.2	21.1

105741 2000 SJ_{89} 3 10.8 234.°36 6.°2/18.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.82	−20 4.0	2.941	3.580	13.3	20.3
2 11	11 43.97	−20 35.4	2.823	3.568	11.7	20.1
2 21	11 38.41	−20 49.3	2.723	3.556	9.8	20.0
3 2	11 31.52	−20 44.0	2.648	3.544	7.9	19.8
3 12	11 23.85	−20 19.2	2.598	3.531	6.5	19.7
3 22	11 16.08	−19 36.8	2.576	3.517	6.2	19.7
4 1	11 8.92	−18 40.6	2.583	3.504	7.4	19.7
4 11	11 3.02	−17 36.2	2.616	3.490	9.3	19.8

190377 1999 RE_{107} 3 10.8 122.°79 1.°3/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.94	+ 3 56.8	2.263	3.045	13.1	20.8
2 11	11 44.19	+ 4 54.1	2.184	3.058	10.2	20.6
2 21	11 38.56	+ 6 3.2	2.129	3.071	6.7	20.4
3 2	11 31.54	+ 7 19.2	2.102	3.083	3.1	20.2
3 12	11 23.86	+ 8 35.6	2.104	3.095	1.7	20.1
3 22	11 16.32	+ 9 46.0	2.136	3.106	5.1	20.3
4 1	11 9.70	+10 45.0	2.197	3.117	8.5	20.6
4 11	11 4.63	+11 29.0	2.283	3.128	11.6	20.8

57454 2001 SZ_{70} 3 10.8 202.°81 4.°7/ 6.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.21	+12 36.3	1.816	2.623	14.9	19.5
2 11	11 49.03	+13 47.7	1.732	2.619	11.7	19.3
2 21	11 42.27	+15 7.6	1.671	2.614	8.1	19.1
3 2	11 33.47	+16 27.9	1.636	2.609	5.2	18.9
3 12	11 23.59	+17 39.3	1.629	2.604	5.4	18.9
3 22	11 13.78	+18 33.8	1.651	2.597	8.6	19.1
4 1	11 5.19	+19 6.2	1.698	2.590	12.3	19.3
4 11	10 58.70	+19 15.1	1.767	2.582	15.7	19.5

393255 2013 TV_{13} 3 10.8 172.°09 0.°8/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.14	+ 3 19.9	2.414	3.188	12.6	22.2
2 11	11 45.07	+ 3 58.6	2.323	3.191	9.9	22.0
2 21	11 39.15	+ 4 48.4	2.255	3.194	6.6	21.8
3 2	11 31.84	+ 5 45.5	2.215	3.196	3.1	21.6
3 12	11 23.82	+ 6 44.7	2.206	3.198	1.1	21.4
3 22	11 15.88	+ 7 40.5	2.226	3.199	4.6	21.7
4 1	11 8.77	+ 8 28.0	2.275	3.199	8.1	21.9
4 11	11 3.14	+ 9 3.7	2.349	3.199	11.1	22.1

101513 1998 XV_{25} 3 10.8 158.°45 0.°7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.46	+ 3 31.9	2.401	3.178	12.6	21.1
2 11	11 44.54	+ 4 3.2	2.312	3.182	9.8	20.9
2 21	11 38.79	+ 4 45.0	2.247	3.186	6.6	20.7
3 2	11 31.66	+ 5 33.8	2.209	3.189	3.1	20.5
3 12	11 23.85	+ 6 24.6	2.200	3.193	1.0	20.3
3 22	11 16.12	+ 7 12.3	2.221	3.195	4.5	20.6
4 1	11 9.24	+ 7 52.2	2.271	3.198	8.0	20.8
4 11	11 3.83	+ 8 21.1	2.347	3.200	11.0	21.0

374319 2005 TO_{6} 3 10.8 202.°25 1.°6/12.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.58	− 3 28.8	2.640	3.376	12.6	23.1
2 11	11 46.90	− 3 20.8	2.531	3.371	10.2	22.9
2 21	11 40.38	− 2 59.8	2.445	3.364	7.3	22.7
3 2	11 32.45	− 2 27.3	2.387	3.357	4.1	22.5
3 12	11 23.75	− 1 46.3	2.358	3.349	1.6	22.3
3 22	11 15.02	− 1 0.9	2.361	3.340	3.8	22.4
4 1	11 7.03	− 0 15.7	2.393	3.330	7.0	22.6
4 11	11 0.42	+ 0 24.7	2.453	3.320	10.1	22.8

497169 2004 SO_{19} 3 10.8 227.°97 5.°7/18.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.20	−20 41.2	2.718	3.358	14.3	22.8
2 11	11 44.40	−20 26.2	2.593	3.343	12.5	22.6
2 21	11 38.78	−19 48.2	2.486	3.329	10.3	22.4
3 2	11 31.72	−18 45.7	2.404	3.313	8.0	22.3
3 12	11 23.85	−17 19.9	2.349	3.297	6.1	22.1
3 22	11 15.91	−15 34.8	2.323	3.280	5.8	22.1
4 1	11 8.66	−13 36.9	2.328	3.262	7.4	22.1
4 11	11 2.79	−11 34.5	2.361	3.243	9.8	22.3

243844 2000 VK_{40} 3 10.8 87.°45 2.°0/12.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.69	− 4 26.0	1.932	2.692	15.8	20.8
2 11	11 45.17	− 4 15.7	1.849	2.702	12.8	20.6
2 21	11 39.44	− 3 47.4	1.787	2.712	9.1	20.4
3 2	11 32.04	− 3 3.1	1.750	2.722	5.2	20.2
3 12	11 23.81	− 2 7.5	1.741	2.732	2.0	20.0
3 22	11 15.72	− 1 6.7	1.760	2.741	4.5	20.2
4 1	11 8.70	− 0 7.6	1.807	2.751	8.4	20.5
4 11	11 3.49	+ 0 43.8	1.878	2.761	12.0	20.7

117286 2004 TJ_{208} 3 10.8 116.°14 3.°5/ 7.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.72	+12 44.8	2.235	3.030	12.8	20.3
2 11	11 47.89	+13 27.4	2.164	3.045	9.9	20.1
2 21	11 41.03	+14 14.3	2.118	3.060	6.8	20.0
3 2	11 32.71	+14 59.9	2.100	3.075	4.0	19.8
3 12	11 23.73	+15 38.1	2.111	3.089	4.0	19.8
3 22	11 15.00	+16 4.3	2.151	3.102	6.6	20.0
4 1	11 7.33	+16 15.6	2.218	3.116	9.6	20.2
4 11	11 1.39	+16 11.2	2.310	3.128	12.3	20.4

57907 2002 EQ_{31} 3 10.8 246.°07 2.°7/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.62	+ 7 26.0	1.845	2.643	15.0	19.6
2 11	11 47.86	+ 8 14.4	1.745	2.628	11.8	19.3
2 21	11 41.56	+ 9 15.3	1.668	2.613	8.0	19.1
3 2	11 33.21	+10 23.0	1.617	2.597	4.0	18.8
3 12	11 23.67	+11 29.6	1.594	2.581	3.2	18.7
3 22	11 14.05	+12 27.3	1.599	2.564	7.0	18.9
4 1	11 5.49	+13 9.5	1.631	2.547	11.2	19.1
4 11	10 58.93	+13 32.5	1.686	2.529	15.1	19.3

253067 2002 TZ_{93} 3 10.8 225.°12 0.°7/10.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.33	+ 3 1.8	2.159	2.935	13.9	22.4
2 11	11 47.19	+ 3 35.0	2.055	2.924	11.0	22.2
2 21	11 40.85	+ 4 21.1	1.973	2.912	7.4	21.9
3 2	11 32.78	+ 5 16.5	1.919	2.899	3.5	21.7
3 12	11 23.74	+ 6 15.6	1.893	2.886	1.1	21.5
3 22	11 14.63	+ 7 12.2	1.898	2.872	5.1	21.7
4 1	11 6.42	+ 8 0.3	1.931	2.857	9.1	21.9
4 11	10 59.90	+ 8 35.7	1.988	2.842	12.7	22.1

469423 2001 YQ_{7} 3 10.8 135.°35 2.°8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.07	− 9 28.2	3.021	3.728	11.7	21.9
2 11	11 43.06	− 9 22.0	2.928	3.741	9.7	21.7
2 21	11 37.59	− 9 1.8	2.857	3.754	7.3	21.6
3 2	11 31.05	− 8 28.3	2.813	3.766	4.8	21.4
3 12	11 23.99	− 7 43.9	2.798	3.778	2.9	21.3
3 22	11 17.01	− 6 52.3	2.813	3.789	3.6	21.4
4 1	11 10.70	− 5 57.6	2.859	3.800	5.8	21.5
4 11	11 5.55	− 5 4.4	2.932	3.810	8.3	21.7

233548 2007 JW_{28} 3 10.8 323.°11 6.°9/ 6.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.50	+15 14.2	1.201	2.040	19.0	19.9
2 11	11 49.08	+16 7.8	1.123	2.027	15.1	19.6
2 21	11 43.09	+17 9.2	1.065	2.014	10.8	19.3
3 2	11 34.14	+18 7.5	1.028	2.002	7.3	19.1
3 12	11 23.56	+18 50.1	1.016	1.991	7.7	19.1
3 22	11 13.02	+19 7.3	1.026	1.980	11.6	19.3
4 1	11 4.26	+18 54.2	1.059	1.970	16.3	19.5
4 11	10 58.52	+18 11.6	1.110	1.961	20.6	19.7

460205 2014 QM_{150} 3 10.8 214.°41 1.°7/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.59	+ 5 47.7	1.886	2.674	15.1	22.2
2 11	11 49.24	+ 6 18.3	1.791	2.668	11.9	21.9
2 21	11 42.40	+ 7 0.7	1.718	2.661	8.0	21.7
3 2	11 33.56	+ 7 50.2	1.672	2.653	3.8	21.4
3 12	11 23.65	+ 8 40.2	1.654	2.645	2.1	21.2
3 22	11 13.74	+ 9 24.1	1.665	2.636	6.1	21.5
4 1	11 4.94	+ 9 56.2	1.703	2.627	10.4	21.7
4 11	10 58.14	+10 13.0	1.765	2.617	14.1	21.9

357063 2001 PO_{59} 3 10.8 202.°93 0.°9/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.22	− 0 59.7	2.146	2.899	14.6	22.4
2 11	11 50.22	− 0 48.6	2.041	2.893	11.8	22.2
2 21	11 42.92	− 0 23.1	1.959	2.887	8.3	21.9
3 2	11 33.78	+ 0 14.5	1.903	2.879	4.3	21.7
3 12	11 23.62	+ 1 0.1	1.877	2.870	0.9	21.4
3 22	11 13.42	+ 1 48.3	1.881	2.860	4.6	21.7
4 1	11 4.18	+ 2 33.3	1.915	2.850	8.7	21.9
4 11	10 56.73	+ 3 10.0	1.974	2.838	12.3	22.1

306312 2011 SZ_{80} 3 10.8 155.°93 1.°1/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.17	− 3 12.3	2.673	3.424	12.1	21.3
2 11	11 41.84	− 2 44.4	2.577	3.427	9.7	21.2
2 21	11 36.90	− 2 3.0	2.504	3.430	6.8	21.0
3 2	11 30.77	− 1 10.3	2.459	3.432	3.7	20.8
3 12	11 24.04	− 0 10.3	2.442	3.434	1.1	20.6
3 22	11 17.35	+ 0 52.3	2.456	3.437	3.5	20.8
4 1	11 11.37	+ 1 52.5	2.499	3.439	6.7	21.0
4 11	11 6.65	+ 2 45.7	2.569	3.440	9.6	21.2

138794 2000 TU_2 3 10.8 150.°60 0.°1/10.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.55	+ 0 38.2	2.968	3.727	10.8	21.3
2 11	11 42.67	+ 1 8.3	2.877	3.735	8.5	21.1
2 21	11 37.34	+ 1 48.3	2.810	3.742	5.8	21.0
3 2	11 30.94	+ 2 35.8	2.771	3.749	2.8	20.8
3 12	11 24.02	+ 3 26.9	2.763	3.756	0.3	20.6
3 22	11 17.17	+ 4 17.5	2.785	3.762	3.4	20.8
4 1	11 10.98	+ 5 3.6	2.837	3.768	6.4	21.0
4 11	11 5.95	+ 5 42.0	2.916	3.774	9.0	21.2

469274 2016 JB_{35} 3 10.8 288.°61 3.°6/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.52	+ 8 45.8	1.855	2.666	14.5	21.0
2 11	11 43.88	+ 9 58.4	1.755	2.646	11.3	20.7
2 21	11 38.87	+11 24.5	1.678	2.626	7.7	20.5
3 2	11 31.93	+12 57.3	1.628	2.607	4.3	20.2
3 12	11 23.88	+14 27.5	1.605	2.587	4.3	20.2
3 22	11 15.72	+15 46.1	1.610	2.567	7.8	20.3
4 1	11 8.53	+16 45.8	1.641	2.547	11.8	20.5
4 11	11 3.21	+17 22.7	1.694	2.528	15.4	20.7

90326 2003 FA_{79} 3 10.8 198.°56 0.°0/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.80	+ 1 35.5	2.093	2.858	14.6	20.4
2 11	11 49.92	+ 1 52.4	1.993	2.854	11.6	20.2
2 21	11 42.71	+ 2 22.4	1.916	2.850	8.0	19.9
3 2	11 33.68	+ 3 2.4	1.866	2.844	3.9	19.7
3 12	11 23.66	+ 3 47.5	1.845	2.838	0.5	19.4
3 22	11 13.63	+ 4 32.1	1.854	2.831	4.9	19.7
4 1	11 4.60	+ 5 10.6	1.891	2.823	9.0	19.9
4 11	10 57.41	+ 5 38.7	1.954	2.813	12.6	20.1

226727 2004 PL_{89} 3 10.8 268.°65 5.°6/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.76	−13 53.8	2.038	2.748	16.6	20.4
2 11	11 44.72	−14 11.6	1.924	2.731	14.2	20.2
2 21	11 39.38	−14 7.4	1.830	2.715	11.4	20.0
3 2	11 32.17	−13 39.1	1.758	2.698	8.3	19.8
3 12	11 23.85	−12 47.7	1.712	2.680	5.9	19.6
3 22	11 15.35	−11 37.4	1.693	2.663	6.2	19.5
4 1	11 7.71	−10 15.1	1.702	2.645	8.9	19.7
4 11	11 1.83	− 8 49.7	1.735	2.628	12.3	19.8

198214 2004 TQ_{167} 3 10.8 245.°12 1.°0/11.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.10	− 2 1.5	2.118	2.883	14.4	21.4
2 11	11 44.70	− 1 39.5	2.015	2.873	11.6	21.2
2 21	11 39.18	− 1 1.3	1.933	2.863	8.2	21.0
3 2	11 32.00	− 0 9.3	1.876	2.852	4.3	20.7
3 12	11 23.88	+ 0 51.9	1.849	2.841	1.0	20.5
3 22	11 15.72	+ 1 56.2	1.850	2.830	4.5	20.7
4 1	11 8.42	+ 2 57.1	1.879	2.819	8.5	20.9
4 11	11 2.78	+ 3 48.8	1.934	2.807	12.1	21.1

332543 2008 QE_{10} 3 10.8 277.°09 0.°6/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.75	+ 0 22.0	2.061	2.840	14.3	21.2
2 11	11 43.86	+ 1 19.0	1.943	2.813	11.4	21.0
2 21	11 38.78	+ 2 35.0	1.847	2.786	7.8	20.7
3 2	11 31.89	+ 4 6.2	1.778	2.759	3.7	20.4
3 12	11 23.89	+ 5 46.0	1.738	2.731	1.0	20.1
3 22	11 15.68	+ 7 25.9	1.727	2.702	5.4	20.4
4 1	11 8.26	+ 8 57.3	1.745	2.674	9.8	20.6
4 11	11 2.49	+10 13.3	1.787	2.645	13.7	20.8

161652 2006 BC_{181} 3 10.8 237.°86 2.°9/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.39	+ 7 10.9	1.923	2.718	14.6	21.1
2 11	11 47.62	+ 8 18.7	1.820	2.702	11.5	20.9
2 21	11 41.38	+ 9 40.7	1.740	2.685	7.7	20.6
3 2	11 33.14	+11 10.5	1.687	2.667	4.0	20.3
3 12	11 23.73	+12 39.6	1.663	2.649	3.5	20.3
3 22	11 14.19	+13 59.0	1.669	2.629	7.2	20.4
4 1	11 5.64	+15 1.4	1.701	2.609	11.3	20.6
4 11	10 59.00	+15 42.7	1.756	2.588	15.0	20.8

503249 2015 KU_{10} 3 10.8 317.°73 1.°0/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.48	+ 2 24.2	2.197	2.985	13.2	21.3
2 11	11 40.97	+ 3 20.3	2.099	2.976	10.4	21.0
2 21	11 36.58	+ 4 30.9	2.025	2.968	7.0	20.8
3 2	11 30.71	+ 5 51.8	1.977	2.959	3.2	20.6
3 12	11 24.06	+ 7 16.3	1.959	2.951	1.4	20.4
3 22	11 17.42	+ 8 37.3	1.969	2.943	5.1	20.6
4 1	11 11.57	+ 9 48.4	2.008	2.935	8.8	20.8
4 11	11 7.22	+10 44.5	2.071	2.927	12.1	21.0

400337 2007 UZ_{65} 3 10.8 162.°37 0.°2/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.34	+ 0 9.9	1.992	2.761	15.1	22.5
2 11	11 48.00	+ 0 36.7	1.904	2.767	12.0	22.3
2 21	11 41.38	+ 1 18.7	1.838	2.772	8.2	22.1
3 2	11 33.02	+ 2 12.3	1.799	2.777	4.0	21.9
3 12	11 23.77	+ 3 12.1	1.788	2.781	0.5	21.6
3 22	11 14.62	+ 4 11.5	1.806	2.785	4.8	21.9
4 1	11 6.55	+ 5 4.1	1.853	2.787	9.0	22.2
4 11	11 0.33	+ 5 45.2	1.925	2.789	12.6	22.4

365498 2010 RN_{14} 3 10.8 218.°56 1.°5/ 9.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.61	+ 5 20.1	2.039	2.823	14.3	21.7
2 11	11 48.30	+ 5 52.9	1.941	2.815	11.2	21.5
2 21	11 41.67	+ 6 37.3	1.865	2.806	7.6	21.2
3 2	11 33.21	+ 7 28.9	1.815	2.796	3.6	21.0
3 12	11 23.74	+ 8 21.6	1.795	2.786	1.9	20.8
3 22	11 14.24	+ 9 9.0	1.804	2.775	5.7	21.1
4 1	11 5.74	+ 9 45.7	1.841	2.764	9.8	21.3
4 11	10 59.07	+10 8.0	1.902	2.752	13.3	21.5

234490 2001 TO_{66} 3 10.8 200.°37 0.°4/11.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.93	− 0 36.6	3.157	3.907	10.4	21.7
2 11	11 42.96	− 0 10.0	3.051	3.902	8.3	21.6
2 21	11 37.56	+ 0 26.9	2.969	3.897	5.7	21.4
3 2	11 31.08	+ 1 12.0	2.915	3.891	2.9	21.2
3 12	11 24.04	+ 2 1.8	2.891	3.885	0.5	20.9
3 22	11 17.00	+ 2 52.6	2.899	3.877	3.2	21.2
4 1	11 10.54	+ 3 40.4	2.937	3.870	6.1	21.4
4 11	11 5.16	+ 4 21.9	3.003	3.862	8.7	21.5

466429 2013 TE_{43} 3 10.8 242.°32 1.°8/ 9.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.22	+ 7 18.2	2.180	2.966	13.4	21.8
2 11	11 47.88	+ 7 43.8	2.077	2.953	10.5	21.6
2 21	11 41.33	+ 8 18.4	1.997	2.939	7.1	21.4
3 2	11 33.04	+ 8 57.8	1.944	2.925	3.5	21.1
3 12	11 23.78	+ 9 36.4	1.921	2.910	2.2	21.0
3 22	11 14.48	+10 8.9	1.927	2.895	5.7	21.2
4 1	11 6.09	+10 30.8	1.960	2.880	9.5	21.4
4 11	10 59.40	+10 39.2	2.019	2.864	12.9	21.6

218018 2001 YR_7 3 10.8 203.°46 6.°7/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.56	−17 31.0	2.272	2.944	16.0	20.5
2 11	11 46.60	−18 7.2	2.167	2.941	13.9	20.3
2 21	11 40.49	−18 22.8	2.081	2.937	11.5	20.1
3 2	11 32.65	−18 15.3	2.017	2.933	8.9	20.0
3 12	11 23.83	−17 44.7	1.979	2.928	7.0	19.8
3 22	11 14.93	−16 53.9	1.968	2.923	6.9	19.8
4 1	11 6.91	−15 48.3	1.985	2.917	8.6	19.9
4 11	11 0.55	−14 35.5	2.028	2.911	11.2	20.1

315116 2007 EX_{51} 3 10.8 258.°80 2.°3/13.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.47	−12 30.9	1.162	1.937	23.4	20.6
2 11	11 43.56	−10 53.6	1.071	1.930	19.4	20.3
2 21	11 39.38	− 8 24.1	0.997	1.924	14.3	19.9
3 2	11 32.42	− 5 3.4	0.944	1.917	8.1	19.6
3 12	11 23.84	− 1 4.7	0.918	1.910	2.4	19.2
3 22	11 15.18	+ 3 8.1	0.919	1.903	6.9	19.4
4 1	11 8.08	+ 7 6.9	0.947	1.896	13.5	19.8
4 11	11 3.80	+10 29.7	0.998	1.889	19.3	20.1

502266 2015 BN_{122} 3 10.8 169.°28 3.°2/ 7.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.60	+ 9 49.9	2.120	2.921	13.2	21.5
2 11	11 44.98	+10 49.2	2.038	2.923	10.3	21.3
2 21	11 39.27	+11 57.1	1.979	2.924	6.9	21.1
3 2	11 32.00	+13 7.4	1.947	2.925	3.9	20.9
3 12	11 23.93	+14 12.9	1.945	2.926	3.7	20.9
3 22	11 15.96	+15 7.3	1.971	2.927	6.7	21.1
4 1	11 8.96	+15 45.8	2.024	2.928	10.0	21.3
4 11	11 3.64	+16 6.1	2.100	2.928	13.1	21.5

123789 2001 BL_{25} 3 10.8 27.°14 2.°0/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.91	− 3 8.5	1.710	2.486	16.9	19.3
2 11	11 44.90	− 3 10.0	1.629	2.491	13.7	19.1
2 21	11 39.47	− 2 53.4	1.568	2.498	9.7	18.9
3 2	11 32.16	− 2 20.6	1.531	2.504	5.4	18.7
3 12	11 23.90	− 1 36.0	1.520	2.512	2.0	18.4
3 22	11 15.78	− 0 46.1	1.537	2.519	4.9	18.7
4 1	11 8.84	+ 0 2.1	1.581	2.527	9.2	18.9
4 11	11 3.89	+ 0 42.4	1.648	2.536	13.0	19.2

513050 2017 VE_{10} 3 10.8 217.°21 6.°0/17.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.11	−17 49.0	2.762	3.418	13.7	22.0
2 11	11 45.07	−18 28.3	2.651	3.413	12.0	21.8
2 21	11 39.22	−18 50.5	2.561	3.408	9.9	21.6
3 2	11 31.97	−18 53.9	2.494	3.402	7.8	21.5
3 12	11 23.92	−18 38.4	2.454	3.396	6.3	21.4
3 22	11 15.80	−18 6.0	2.442	3.390	6.1	21.4
4 1	11 8.36	−17 20.4	2.458	3.383	7.5	21.4
4 11	11 2.26	−16 27.4	2.501	3.377	9.6	21.6

151007 2001 UJ_{73} 3 10.8 162.°71 0.°6/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.24	+ 2 35.3	2.466	3.234	12.5	21.5
2 11	11 45.89	+ 3 16.0	2.377	3.242	9.8	21.3
2 21	11 39.70	+ 4 8.2	2.311	3.248	6.6	21.1
3 2	11 32.15	+ 5 8.0	2.273	3.254	3.1	20.9
3 12	11 23.91	+ 6 10.2	2.266	3.259	1.0	20.7
3 22	11 15.77	+ 7 9.5	2.289	3.263	4.4	21.0
4 1	11 8.47	+ 8 0.7	2.342	3.266	7.8	21.2
4 11	11 2.63	+ 8 40.4	2.420	3.269	10.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
98222	2000 SL_{144}		3 10.8	93.°61	0.°3/10.6	18
	h m	° ′			°	m
2 1	11 54.46	+ 2 29.5	1.593	2.381	17.5	20.1
2 11	11 50.07	+ 2 43.4	1.522	2.397	13.7	19.9
2 21	11 42.96	+ 3 12.1	1.472	2.412	9.3	19.7
3 2	11 33.80	+ 3 51.4	1.447	2.427	4.4	19.4
3 12	11 23.70	+ 4 34.8	1.449	2.442	0.7	19.2
3 22	11 13.88	+ 5 15.4	1.479	2.457	5.7	19.6
4 1	11 5.53	+ 5 47.1	1.535	2.471	10.3	19.9
4 11	10 59.49	+ 6 5.6	1.615	2.485	14.2	20.1
433865	2015 BT_{294}		3 10.8	327.°52	6.°5/17.1	18
2 1	11 46.74	−15 8.9	1.919	2.628	17.5	19.8
2 11	11 43.98	−15 42.7	1.820	2.623	15.1	19.6
2 21	11 38.89	−15 53.6	1.739	2.617	12.2	19.4
3 2	11 31.94	−15 39.3	1.679	2.612	9.2	19.2
3 12	11 23.92	−15 0.5	1.645	2.607	6.9	19.1
3 22	11 15.85	−14 0.9	1.637	2.602	6.9	19.1
4 1	11 8.76	−12 47.6	1.655	2.598	9.2	19.2
4 11	11 3.52	−11 29.3	1.698	2.594	12.3	19.4
500518	2012 TL_{300}		3 10.8	276.°93	3.°2/ 7.3	17
2 1	11 47.25	+ 9 4.3	2.059	2.863	13.5	21.5
2 11	11 44.18	+10 8.7	1.957	2.844	10.5	21.3
2 21	11 38.94	+11 24.4	1.879	2.825	7.1	21.0
3 2	11 31.93	+12 45.4	1.827	2.806	4.0	20.8
3 12	11 23.93	+14 3.6	1.804	2.787	3.8	20.8
3 22	11 15.84	+15 11.6	1.810	2.767	7.1	20.9
4 1	11 8.64	+16 3.2	1.842	2.748	10.8	21.1
4 11	11 3.13	+16 34.9	1.897	2.728	14.2	21.3
336553	2009 EY_{27}		3 10.8	54.°89	2.°2/13.8	18
2 1	11 45.15	−10 11.0	2.008	2.744	16.0	19.8
2 11	11 42.22	− 9 0.5	1.935	2.771	13.0	19.6
2 21	11 37.32	− 7 25.6	1.884	2.798	9.4	19.4
3 2	11 31.01	− 5 30.1	1.860	2.825	5.5	19.3
3 12	11 24.08	− 3 21.5	1.864	2.853	2.4	19.1
3 22	11 17.39	− 1 9.3	1.898	2.880	4.2	19.3
4 1	11 11.74	+ 0 56.8	1.962	2.908	7.8	19.5
4 11	11 7.74	+ 2 48.8	2.054	2.935	11.1	19.8
271878	2004 TQ_{359}		3 10.8	171.°31	0.°3/11.2	17
2 1	11 51.40	+ 1 20.8	2.114	2.885	14.3	20.9
2 11	11 47.16	+ 1 27.1	2.022	2.886	11.3	20.7
2 21	11 40.77	+ 1 45.4	1.953	2.888	7.8	20.5
3 2	11 32.73	+ 2 13.2	1.910	2.889	3.9	20.3
3 12	11 23.85	+ 2 46.2	1.896	2.889	0.5	20.0
3 22	11 15.03	+ 3 19.5	1.911	2.890	4.5	20.3
4 1	11 7.20	+ 3 48.2	1.954	2.890	8.4	20.5
4 11	11 1.09	+ 4 8.3	2.023	2.890	11.9	20.8
65458	2002 VD_{102}		3 10.8	158.°93	2.°6/13.1	18
2 1	11 52.10	− 5 47.0	1.688	2.446	17.8	19.6
2 11	11 48.30	− 5 36.9	1.601	2.451	14.5	19.4
2 21	11 41.86	− 5 5.0	1.534	2.456	10.6	19.1
3 2	11 33.36	− 4 12.8	1.490	2.460	6.1	18.9
3 12	11 23.76	− 3 5.2	1.474	2.464	2.6	18.7
3 22	11 14.25	− 1 49.8	1.485	2.467	5.2	18.8
4 1	11 5.99	− 0 35.4	1.524	2.469	9.6	19.1
4 11	10 59.89	+ 0 30.0	1.587	2.471	13.7	19.4
63528	Kocherhans		3 10.8	150.°86	3.°6/14.8	18
2 1	11 47.78	− 9 27.9	2.380	3.102	14.2	19.3
2 11	11 44.15	− 9 37.6	2.283	3.104	11.8	19.2
2 21	11 38.64	− 9 30.5	2.206	3.106	9.0	19.0
3 2	11 31.69	− 9 6.7	2.155	3.108	6.0	18.8
3 12	11 23.99	− 8 28.4	2.131	3.110	3.8	18.7
3 22	11 16.31	− 7 39.8	2.136	3.112	4.5	18.7
4 1	11 9.45	− 6 46.0	2.170	3.113	7.3	18.9
4 11	11 4.06	− 5 53.0	2.230	3.115	10.2	19.1
430004	2013 QZ_{66}		3 10.8	97.°76	0.°9/11.8	18
2 1	11 50.83	− 1 33.7	2.208	2.967	14.1	22.4
2 11	11 46.43	− 1 15.4	2.134	2.989	11.2	22.2
2 21	11 40.07	− 0 43.2	2.083	3.011	7.8	22.0
3 2	11 32.31	+ 0 0.1	2.057	3.033	4.0	21.8
3 12	11 23.92	+ 0 49.8	2.062	3.054	0.9	21.6
3 22	11 15.74	+ 1 40.7	2.095	3.075	4.1	21.9
4 1	11 8.58	+ 2 27.5	2.158	3.096	7.7	22.2
4 11	11 3.05	+ 3 5.7	2.246	3.116	10.8	22.4
244697	2003 QE_{15}		3 10.8	185.°24	2.°2/13.0	17
2 1	11 52.77	− 5 11.2	2.252	2.989	14.5	22.5
2 11	11 48.16	− 5 4.4	2.152	2.990	11.8	22.3
2 21	11 41.43	− 4 41.3	2.073	2.989	8.6	22.0
3 2	11 33.06	− 4 3.3	2.020	2.988	5.0	21.8
3 12	11 23.81	− 3 13.8	1.997	2.986	2.2	21.6
3 22	11 14.57	− 2 18.0	2.003	2.983	4.3	21.8
4 1	11 6.23	− 1 21.7	2.039	2.979	7.9	22.0
4 11	10 59.56	− 0 30.6	2.101	2.974	11.3	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
364190	2006 PJ_{36}		3 10.8	205.°82	0.°1/10.9	17
	h m	° ′			°	m
2 1	11 51.56	+ 0 35.8	2.089	2.858	14.5	22.1
2 11	11 47.40	+ 1 0.7	1.990	2.853	11.5	21.9
2 21	11 41.03	+ 1 40.0	1.913	2.847	7.9	21.6
3 2	11 32.90	+ 2 30.7	1.862	2.841	3.9	21.4
3 12	11 23.83	+ 3 27.5	1.841	2.834	0.5	21.1
3 22	11 14.75	+ 4 24.4	1.849	2.827	4.8	21.4
4 1	11 6.62	+ 5 15.1	1.885	2.819	8.9	21.6
4 11	11 0.23	+ 5 54.9	1.947	2.810	12.5	21.8
389771	2011 SY_{255}		3 10.8	251.°70	1.°4/ 9.1	17
2 1	11 46.78	+ 5 47.8	2.675	3.457	11.3	21.7
2 11	11 43.20	+ 6 26.4	2.569	3.443	8.8	21.5
2 21	11 37.93	+ 7 14.1	2.486	3.428	5.9	21.3
3 2	11 31.34	+ 8 7.3	2.432	3.413	2.8	21.1
3 12	11 24.04	+ 9 1.1	2.407	3.397	1.7	21.0
3 22	11 16.70	+ 9 50.7	2.413	3.382	4.7	21.2
4 1	11 10.04	+10 31.7	2.447	3.366	7.9	21.3
4 11	11 4.65	+11 1.1	2.507	3.350	10.7	21.5
466772	2015 AL_{210}		3 10.8	87.°92	1.°6/ 9.1	18
2 1	11 46.53	+ 2 42.2	1.816	2.612	15.3	21.7
2 11	11 43.67	+ 3 54.9	1.737	2.619	11.9	21.5
2 21	11 38.55	+ 5 24.6	1.681	2.626	8.0	21.3
3 2	11 31.70	+ 7 5.0	1.650	2.632	3.7	21.0
3 12	11 24.00	+ 8 47.0	1.649	2.639	2.1	20.9
3 22	11 16.42	+10 21.5	1.675	2.646	6.1	21.2
4 1	11 9.94	+11 40.6	1.729	2.653	10.2	21.5
4 11	11 5.31	+12 39.6	1.807	2.660	13.8	21.7
466057	2011 SJ_{104}		3 10.8	142.°80	0.°5/11.3	18
2 1	11 56.08	+ 0 46.3	1.898	2.664	15.8	21.8
2 11	11 50.98	+ 0 52.4	1.815	2.676	12.6	21.6
2 21	11 43.43	+ 1 12.3	1.754	2.686	8.7	21.4
3 2	11 34.02	+ 1 43.0	1.719	2.697	4.3	21.1
3 12	11 23.70	+ 2 19.7	1.713	2.706	0.6	20.8
3 22	11 13.55	+ 2 56.8	1.736	2.715	4.9	21.2
4 1	11 4.63	+ 3 28.9	1.787	2.723	9.1	21.4
4 11	10 57.74	+ 3 51.4	1.863	2.730	12.8	21.7
496724	2016 GX_{24}		3 10.9	9.°11	2.°5/12.9	17
2 1	11 48.07	− 4 35.2	1.643	2.416	17.6	21.7
2 11	11 45.22	− 4 34.8	1.557	2.416	14.4	21.5
2 21	11 39.82	− 4 13.9	1.490	2.417	10.4	21.2
3 2	11 32.40	− 3 34.0	1.447	2.418	6.0	21.0
3 12	11 23.91	− 2 39.6	1.429	2.419	2.5	20.8
3 22	11 15.48	− 1 37.8	1.439	2.421	5.1	20.9
4 1	11 8.24	− 0 36.7	1.475	2.423	9.6	21.2
4 11	11 3.11	+ 0 16.4	1.534	2.425	13.7	21.4
427555	2002 TQ_{370}		3 10.9	54.°84	7.°9/ 2.0	18
2 1	11 50.20	+24 43.9	2.004	2.819	13.3	21.0
2 11	11 46.39	+26 9.2	1.950	2.830	10.9	20.9
2 21	11 40.27	+27 30.5	1.920	2.841	8.8	20.8
3 2	11 32.46	+28 38.7	1.916	2.853	7.9	20.7
3 12	11 23.92	+29 26.1	1.938	2.864	8.8	20.8
3 22	11 15.67	+29 48.2	1.986	2.876	10.8	21.0
4 1	11 8.66	+29 43.8	2.057	2.887	13.1	21.1
4 11	11 3.59	+29 15.1	2.148	2.899	15.3	21.3
417968	2007 TP_{127}		3 10.9	257.°00	2.°0/ 9.1	16
2 1	11 52.03	+ 5 52.3	1.773	2.569	15.7	21.6
2 11	11 48.37	+ 6 31.2	1.670	2.551	12.4	21.4
2 21	11 42.05	+ 7 23.8	1.588	2.532	8.4	21.1
3 2	11 33.55	+ 8 25.4	1.532	2.513	4.1	20.8
3 12	11 23.76	+ 9 28.3	1.504	2.494	2.5	20.6
3 22	11 13.81	+10 24.5	1.503	2.474	6.8	20.9
4 1	11 4.93	+11 7.1	1.530	2.453	11.3	21.1
4 11	10 58.13	+11 31.8	1.579	2.432	15.4	21.3
224556	2005 WU_{156}		3 10.9	190.°70	0.°3/11.1	17
2 1	11 50.02	+ 0 33.6	2.119	2.890	14.2	21.0
2 11	11 46.11	+ 0 53.2	2.025	2.889	11.3	20.8
2 21	11 40.09	+ 1 26.5	1.953	2.888	7.8	20.6
3 2	11 32.43	+ 2 10.5	1.908	2.886	3.8	20.4
3 12	11 23.92	+ 3 0.4	1.891	2.885	0.5	20.1
3 22	11 15.45	+ 3 50.4	1.904	2.883	4.6	20.4
4 1	11 7.92	+ 4 34.9	1.945	2.880	8.5	20.6
4 11	11 2.08	+ 5 9.5	2.011	2.878	12.0	20.8
152822	1999 UM_{39}		3 10.9	275.°70	5.°8/ 5.5	18
2 1	11 54.01	+18 28.6	2.012	2.818	13.7	19.7
2 11	11 49.57	+19 15.7	1.918	2.801	10.9	19.4
2 21	11 42.63	+20 4.6	1.848	2.784	8.0	19.2
3 2	11 33.73	+20 47.9	1.804	2.767	6.0	19.1
3 12	11 23.75	+21 18.0	1.787	2.750	6.4	19.0
3 22	11 13.78	+21 29.3	1.799	2.732	9.0	19.2
4 1	11 4.92	+21 18.8	1.835	2.714	12.2	19.3
4 11	10 58.05	+20 46.9	1.895	2.696	15.3	19.5

415778 2000 VG_{19} 3 10.9 90.°81 4.°5/ 6.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.77	+15 8.8	2.015	2.816	13.8	21.1
2 11	11 49.66	+15 57.0	1.956	2.839	10.7	20.9
2 21	11 42.32	+16 47.7	1.921	2.861	7.5	20.7
3 2	11 33.39	+17 34.2	1.913	2.883	4.9	20.6
3 12	11 23.83	+18 9.7	1.934	2.905	5.0	20.7
3 22	11 14.63	+18 29.7	1.983	2.926	7.6	20.9
4 1	11 6.70	+18 31.8	2.058	2.947	10.6	21.1
4 11	11 0.72	+18 16.2	2.157	2.968	13.4	21.3

171021 2005 ER_{48} 3 10.9 331.°63 0.°4/11.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.94	+ 0 9.8	1.379	2.185	18.8	19.9
2 11	11 44.92	+ 0 23.4	1.292	2.175	15.1	19.6
2 21	11 39.97	+ 0 57.4	1.224	2.167	10.5	19.3
3 2	11 32.61	+ 1 48.6	1.178	2.158	5.2	19.0
3 12	11 23.90	+ 2 50.2	1.157	2.151	0.6	18.6
3 22	11 15.16	+ 3 53.2	1.162	2.144	6.2	19.0
4 1	11 7.77	+ 4 48.2	1.191	2.137	11.5	19.2
4 11	11 2.82	+ 5 27.9	1.241	2.132	16.3	19.5

30794 1988 TR_1 3 10.9 144.°52 2.°4/13.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.25	− 8 5.7	2.257	2.989	14.6	19.2
2 11	11 44.56	− 7 35.1	2.165	2.998	11.9	19.0
2 21	11 38.93	− 6 44.9	2.095	3.007	8.7	18.8
3 2	11 31.84	− 5 37.1	2.051	3.016	5.3	18.6
3 12	11 24.02	− 4 16.3	2.036	3.024	2.5	18.4
3 22	11 16.29	− 2 48.7	2.051	3.031	4.1	18.5
4 1	11 9.47	− 1 21.6	2.095	3.038	7.5	18.8
4 11	11 4.21	− 0 1.7	2.165	3.044	10.7	19.0

105157 2000 NA_{28} 3 10.9 207.°85 5.°6/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.07	−18 43.0	3.024	3.670	12.8	20.1
2 11	11 44.10	−19 8.1	2.911	3.664	11.2	19.9
2 21	11 38.49	−19 16.4	2.817	3.658	9.3	19.8
3 2	11 31.62	−19 6.5	2.747	3.651	7.3	19.6
3 12	11 24.05	−18 38.7	2.704	3.644	5.9	19.5
3 22	11 16.43	−17 55.2	2.690	3.637	5.7	19.5
4 1	11 9.42	−16 59.8	2.704	3.629	6.9	19.6
4 11	11 3.62	−15 57.8	2.745	3.621	8.9	19.7

246363 2007 TQ_{378} 3 10.9 50.°69 3.°0/14.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.15	− 7 12.1	2.041	2.787	15.5	20.4
2 11	11 43.88	− 7 14.1	1.959	2.799	12.7	20.2
2 21	11 38.55	− 6 57.9	1.898	2.811	9.4	20.1
3 2	11 31.68	− 6 24.4	1.861	2.824	5.8	19.9
3 12	11 24.05	− 5 37.4	1.851	2.837	3.2	19.7
3 22	11 16.55	− 4 41.9	1.870	2.850	4.5	19.8
4 1	11 10.06	− 3 44.5	1.916	2.863	7.8	20.1
4 11	11 5.24	− 2 51.4	1.988	2.876	11.1	20.3

180980 2005 NQ_8 3 10.9 190.°07 1.°4/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.60	+ 5 4.1	2.628	3.411	11.5	21.4
2 11	11 42.24	+ 5 54.3	2.535	3.410	8.9	21.2
2 21	11 37.23	+ 6 54.3	2.467	3.409	5.9	21.0
3 2	11 31.00	+ 8 0.0	2.427	3.408	2.8	20.8
3 12	11 24.14	+ 9 6.1	2.417	3.407	1.7	20.7
3 22	11 17.32	+10 7.4	2.437	3.405	4.7	20.9
4 1	11 11.22	+10 59.2	2.486	3.404	7.8	21.1
4 11	11 6.40	+11 38.4	2.560	3.402	10.6	21.3

6467 Prilepina 3 10.9 93.°81 0.°9/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.71	− 2 2.3	1.902	2.673	15.6	17.4
2 11	11 45.22	− 1 33.6	1.822	2.685	12.4	17.2
2 21	11 39.52	− 0 47.5	1.764	2.697	8.7	17.0
3 2	11 32.16	+ 0 12.6	1.732	2.708	4.4	16.7
3 12	11 23.99	+ 1 20.9	1.727	2.720	0.9	16.5
3 22	11 15.98	+ 2 30.3	1.751	2.732	4.6	16.8
4 1	11 9.07	+ 3 33.8	1.803	2.743	8.7	17.1
4 11	11 3.98	+ 4 25.8	1.879	2.754	12.3	17.3

59732 1999 LO_2 3 10.9 336.°71 1.°7/ 9.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.77	+ 1 55.1	1.642	2.446	16.3	18.8
2 11	11 41.89	+ 3 12.0	1.555	2.441	12.8	18.5
2 21	11 37.58	+ 4 49.9	1.489	2.436	8.6	18.3
3 2	11 31.35	+ 6 42.4	1.449	2.431	4.0	18.0
3 12	11 24.09	+ 8 39.3	1.436	2.427	2.2	17.9
3 22	11 16.86	+10 29.5	1.451	2.423	6.7	18.1
4 1	11 10.74	+12 3.0	1.492	2.420	11.2	18.4
4 11	11 6.60	+13 13.4	1.556	2.417	15.2	18.6

325393 2008 WW_{65} 3 10.9 176.°31 12.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.89	+22 24.1	1.274	2.114	18.1	20.1
2 11	11 49.38	+25 52.9	1.221	2.116	14.9	19.9
2 21	11 43.30	+29 25.6	1.192	2.117	12.6	19.8
3 2	11 34.30	+32 40.4	1.188	2.118	12.4	19.7
3 12	11 23.71	+35 17.2	1.209	2.118	14.4	19.9
3 22	11 13.24	+37 3.8	1.253	2.118	17.4	20.0
4 1	11 4.62	+37 57.4	1.315	2.117	20.6	20.2
4 11	10 59.05	+38 3.5	1.392	2.116	23.3	20.4

249622 1999 TL_{42} 3 10.9 222.°65 0.°5/11.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.50	− 0 31.9	2.033	2.799	14.9	22.3
2 11	11 47.50	− 0 9.4	1.929	2.790	11.9	22.1
2 21	11 41.20	+ 0 28.9	1.847	2.780	8.3	21.8
3 2	11 33.06	+ 1 20.3	1.791	2.769	4.2	21.6
3 12	11 23.88	+ 2 19.6	1.764	2.757	0.6	21.2
3 22	11 14.64	+ 3 20.6	1.766	2.745	4.8	21.5
4 1	11 6.34	+ 4 16.5	1.796	2.732	9.1	21.8
4 11	10 59.83	+ 5 1.9	1.852	2.719	12.8	22.0

463278 2012 HS_9 3 10.9 27.°83 13.°2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 57.59	+37 50.8	1.740	2.536	15.9	20.6
2 11	11 53.02	+39 37.4	1.696	2.538	14.3	20.5
2 21	11 45.20	+41 8.3	1.674	2.540	13.3	20.4
3 2	11 34.95	+42 11.2	1.674	2.542	13.3	20.4
3 12	11 23.66	+42 37.3	1.696	2.544	14.3	20.5
3 22	11 12.86	+42 23.5	1.739	2.547	16.0	20.6
4 1	11 3.95	+41 31.9	1.801	2.549	17.8	20.7
4 11	10 57.83	+40 8.7	1.879	2.552	19.5	20.9

265601 2005 RP_{30} 3 10.9 128.°16 2.°2/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.04	− 3 52.4	2.234	2.975	14.5	21.5
2 11	11 49.02	− 4 3.6	2.149	2.989	11.7	21.4
2 21	11 41.93	− 4 0.7	2.085	3.003	8.4	21.2
3 2	11 33.28	− 3 45.0	2.048	3.016	4.9	21.0
3 12	11 23.87	− 3 19.4	2.040	3.028	2.2	20.8
3 22	11 14.60	− 2 48.0	2.061	3.041	4.2	21.0
4 1	11 6.34	− 2 15.7	2.112	3.052	7.7	21.2
4 11	10 59.79	− 1 47.2	2.189	3.063	10.9	21.4

239911 2000 SC_{246} 3 10.9 173.°40 0.°1/10.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.20	+ 0 4.5	2.978	3.737	10.8	21.3
2 11	11 41.71	+ 0 55.9	2.880	3.739	8.5	21.1
2 21	11 36.77	+ 1 59.0	2.808	3.741	5.8	21.0
3 2	11 30.75	+ 3 10.4	2.764	3.743	2.7	20.8
3 12	11 24.20	+ 4 25.8	2.751	3.744	0.4	20.6
3 22	11 17.68	+ 5 40.1	2.769	3.745	3.6	20.8
4 1	11 11.78	+ 6 48.7	2.818	3.746	6.5	21.0
4 11	11 7.01	+ 7 47.5	2.893	3.746	9.2	21.2

314616 2006 DF_{104} 3 10.9 340.°92 0.°5/10.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.84	+ 3 42.1	1.346	2.156	19.0	20.3
2 11	11 48.81	+ 3 44.3	1.265	2.151	15.1	20.0
2 21	11 42.64	+ 4 1.8	1.202	2.147	10.3	19.7
3 2	11 33.90	+ 4 30.8	1.162	2.144	4.9	19.4
3 12	11 23.78	+ 5 4.5	1.148	2.141	1.0	19.1
3 22	11 13.72	+ 5 35.4	1.159	2.138	6.6	19.5
4 1	11 5.20	+ 5 56.4	1.194	2.136	12.0	19.8
4 11	10 59.31	+ 6 2.9	1.251	2.135	16.6	20.0

498729 2008 TE_{125} 3 10.9 208.°11 1.°6/12.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.91	− 3 0.1	2.211	2.967	14.2	21.7
2 11	11 45.20	− 2 52.3	2.113	2.965	11.4	21.5
2 21	11 39.46	− 2 29.6	2.037	2.962	8.1	21.3
3 2	11 32.15	− 1 53.7	1.986	2.959	4.5	21.0
3 12	11 24.01	− 1 8.5	1.965	2.956	1.6	20.8
3 22	11 15.88	− 0 18.9	1.972	2.953	4.2	21.0
4 1	11 8.63	+ 0 29.5	2.008	2.949	7.9	21.2
4 11	11 2.97	+ 1 11.4	2.069	2.946	11.3	21.4

450503 2005 YE_{272} 3 10.9 78.°34 2.°9/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.46	− 4 26.3	1.430	2.201	19.9	22.1
2 11	11 51.12	− 4 39.7	1.365	2.223	16.1	21.9
2 21	11 43.82	− 4 31.5	1.319	2.245	11.6	21.7
3 2	11 34.29	− 4 3.4	1.296	2.267	6.7	21.4
3 12	11 23.75	− 3 20.3	1.299	2.289	2.9	21.3
3 22	11 13.59	− 2 29.6	1.329	2.310	5.6	21.5
4 1	11 5.09	− 1 39.5	1.385	2.332	10.2	21.8
4 11	10 59.13	− 0 57.5	1.464	2.353	14.3	22.1

413835 2006 SC_{26} 3 10.9 185.°47 3.°2/13.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.23	− 7 18.8	2.025	2.763	15.9	21.9
2 11	11 47.24	− 7 23.5	1.928	2.763	13.1	21.7
2 21	11 40.98	− 7 9.5	1.851	2.763	9.7	21.5
3 2	11 32.94	− 6 37.5	1.799	2.762	6.1	21.3
3 12	11 23.93	− 5 50.3	1.775	2.761	3.3	21.1
3 22	11 14.92	− 4 53.4	1.780	2.759	4.8	21.2
4 1	11 6.91	− 3 53.3	1.812	2.757	8.4	21.4
4 11	11 0.70	− 2 56.8	1.871	2.754	12.0	21.6

306384 1994 AB_9 3 10.9 87.°94 1.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.91	+ 3 41.3	1.592	2.387	17.2	21.5
2 11	11 48.80	+ 4 27.4	1.529	2.409	13.4	21.3
2 21	11 42.06	+ 5 28.5	1.488	2.431	8.9	21.1
3 2	11 33.39	+ 6 38.5	1.471	2.453	4.1	20.9
3 12	11 23.89	+ 7 48.8	1.482	2.474	1.9	20.7
3 22	11 14.74	+ 8 51.2	1.521	2.495	6.3	21.1
4 1	11 7.04	+ 9 39.0	1.586	2.515	10.6	21.4
4 11	11 1.58	+10 8.9	1.675	2.535	14.3	21.7

467454 2006 DW_{216} 3 10.9 100.°18 0.°5/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.80	+ 2 17.7	2.016	2.799	14.5	22.0
2 11	11 45.21	+ 2 47.4	1.933	2.805	11.4	21.8
2 21	11 39.49	+ 3 30.3	1.872	2.812	7.7	21.6
3 2	11 32.16	+ 4 22.6	1.838	2.818	3.6	21.3
3 12	11 24.04	+ 5 18.3	1.832	2.825	0.8	21.1
3 22	11 16.04	+ 6 11.4	1.854	2.831	4.9	21.4
4 1	11 9.05	+ 6 56.2	1.905	2.837	8.8	21.7
4 11	11 3.81	+ 7 28.5	1.979	2.843	12.3	21.9

116478 2004 BT_5 3 10.9 275.°68 4.°3/15.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.20	− 9 47.9	2.262	2.983	14.8	20.2
2 11	11 45.48	−10 16.1	2.158	2.977	12.5	20.0
2 21	11 39.71	−10 27.7	2.074	2.971	9.6	19.8
3 2	11 32.32	−10 22.1	2.015	2.964	6.6	19.6
3 12	11 24.01	−10 0.5	1.983	2.958	4.5	19.4
3 22	11 15.65	− 9 26.2	1.979	2.952	5.1	19.5
4 1	11 8.12	− 8 44.2	2.003	2.946	7.8	19.6
4 11	11 2.18	− 8 0.5	2.053	2.940	10.9	19.8

159254 2005 YE_{124} 3 10.9 27.°71 4.°5/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.17	+12 54.5	1.710	2.526	15.3	19.6
2 11	11 46.71	+13 45.6	1.638	2.530	11.9	19.4
2 21	11 40.71	+14 43.3	1.587	2.534	8.2	19.2
3 2	11 32.80	+15 39.9	1.563	2.538	5.1	19.0
3 12	11 23.96	+16 27.1	1.565	2.543	5.1	19.0
3 22	11 15.33	+16 58.5	1.594	2.547	8.3	19.2
4 1	11 7.98	+17 9.9	1.648	2.553	11.9	19.4
4 11	11 2.74	+17 0.5	1.724	2.558	15.2	19.7

200780 2001 XL_{50} 3 10.9 65.°10 2.°6/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.80	+ 6 18.1	1.329	2.144	18.9	20.6
2 11	11 49.22	+ 7 4.1	1.271	2.163	14.7	20.4
2 21	11 42.60	+ 8 4.5	1.233	2.182	9.8	20.2
3 2	11 33.72	+ 9 11.8	1.219	2.201	4.7	19.9
3 12	11 23.86	+10 15.7	1.231	2.220	3.1	19.9
3 22	11 14.42	+11 7.2	1.268	2.239	7.6	20.2
4 1	11 6.71	+11 40.1	1.331	2.259	12.3	20.5
4 11	11 1.60	+11 51.8	1.414	2.278	16.3	20.8

212848 2007 VW_{34} 3 10.9 22.°35 1.°0/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.60	− 2 5.8	2.043	2.815	14.7	20.6
2 11	11 42.73	− 1 44.6	1.956	2.819	11.7	20.4
2 21	11 37.82	− 1 7.3	1.890	2.822	8.2	20.2
3 2	11 31.37	− 0 16.6	1.850	2.826	4.3	20.0
3 12	11 24.15	+ 0 42.5	1.838	2.831	1.0	19.7
3 22	11 17.00	+ 1 43.8	1.854	2.835	4.3	20.0
4 1	11 10.79	+ 2 41.2	1.898	2.840	8.2	20.2
4 11	11 6.22	+ 3 29.0	1.966	2.845	11.7	20.5

284652 2007 XE_{28} 3 10.9 112.°85 4.°7/16.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.14	−13 7.0	2.623	3.312	13.7	20.3
2 11	11 45.80	−13 38.6	2.530	3.323	11.6	20.1
2 21	11 39.68	−13 54.1	2.458	3.334	9.2	20.0
3 2	11 32.20	−13 52.7	2.411	3.344	6.7	19.8
3 12	11 24.05	−13 35.3	2.392	3.355	5.0	19.7
3 22	11 15.94	−13 4.7	2.402	3.365	5.1	19.8
4 1	11 8.63	−12 25.3	2.440	3.375	7.0	19.9
4 11	11 2.73	−11 42.2	2.505	3.385	9.4	20.1

123407 2000 WG_{94} 3 10.9 172.°86 3.°8/14.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.77	− 9 3.6	2.062	2.795	15.8	20.1
2 11	11 45.28	− 9 14.2	1.967	2.796	13.1	19.9
2 21	11 39.62	− 9 5.8	1.891	2.796	9.9	19.7
3 2	11 32.28	− 8 38.3	1.840	2.797	6.5	19.5
3 12	11 24.03	− 7 54.4	1.816	2.797	4.0	19.3
3 22	11 15.80	− 6 59.0	1.820	2.797	4.9	19.4
4 1	11 8.51	− 5 58.3	1.852	2.797	8.1	19.5
4 11	11 2.95	− 4 59.5	1.909	2.797	11.5	19.7

207873 2007 VX_{254} 3 10.9 88.°10 7.°2/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.51	+24 9.4	2.284	3.096	12.0	20.0
2 11	11 44.89	+25 38.6	2.221	3.100	9.8	19.8
2 21	11 39.21	+27 5.5	2.183	3.104	7.9	19.7
3 2	11 32.01	+28 21.7	2.172	3.108	7.2	19.7
3 12	11 24.07	+29 20.0	2.188	3.111	8.1	19.7
3 22	11 16.30	+29 55.6	2.230	3.115	10.0	19.9
4 1	11 9.54	+30 6.6	2.296	3.119	12.2	20.0
4 11	11 4.46	+29 54.2	2.383	3.123	14.2	20.2

94872 2001 XT_{226} 3 10.9 300.°47 9.°3/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.07	+25 22.9	1.721	2.540	15.0	19.5
2 11	11 49.35	+26 45.8	1.647	2.528	12.5	19.3
2 21	11 42.75	+28 5.8	1.594	2.516	10.3	19.2
3 2	11 33.87	+29 12.0	1.566	2.504	9.3	19.1
3 12	11 23.82	+29 54.2	1.564	2.492	10.3	19.1
3 22	11 13.91	+30 6.0	1.586	2.481	12.7	19.2
4 1	11 5.41	+29 45.7	1.630	2.469	15.5	19.4
4 11	10 59.29	+28 56.1	1.693	2.458	18.2	19.5

301723 2010 GZ_{113} 3 10.9 337.°12 3.°8/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.79	− 7 44.8	1.323	2.104	20.7	20.8
2 11	11 44.17	− 7 44.5	1.237	2.098	17.2	20.6
2 21	11 39.56	− 7 15.7	1.168	2.093	12.8	20.3
3 2	11 32.48	− 6 18.4	1.120	2.088	7.9	20.0
3 12	11 24.00	− 4 57.3	1.096	2.084	4.0	19.8
3 22	11 15.50	− 3 22.1	1.097	2.081	6.1	19.9
4 1	11 8.40	− 1 45.1	1.123	2.077	11.1	20.1
4 11	11 3.81	− 0 18.1	1.170	2.075	15.9	20.4

210245 Castets 3 10.9 106.°12 0.°2/11.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.71	+ 0 33.7	1.749	2.526	16.6	20.9
2 11	11 49.26	+ 0 54.3	1.677	2.544	13.1	20.7
2 21	11 42.33	+ 1 30.5	1.626	2.561	9.0	20.5
3 2	11 33.54	+ 2 18.6	1.600	2.579	4.4	20.3
3 12	11 23.90	+ 3 12.3	1.602	2.595	0.5	20.0
3 22	11 14.51	+ 4 4.8	1.632	2.611	5.2	20.4
4 1	11 6.45	+ 4 49.7	1.690	2.627	9.5	20.7
4 11	11 0.48	+ 5 22.2	1.773	2.642	13.2	20.9

146176 2000 SM_{302} 3 10.9 124.°26 5.°0/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.64	−15 59.9	2.547	3.229	14.2	20.5
2 11	11 42.43	−16 6.6	2.447	3.233	12.2	20.3
2 21	11 37.47	−15 53.6	2.368	3.236	9.8	20.2
3 2	11 31.18	−15 20.3	2.312	3.239	7.3	20.0
3 12	11 24.19	−14 28.3	2.283	3.243	5.4	19.9
3 22	11 17.24	−13 21.5	2.282	3.246	5.3	19.9
4 1	11 11.04	−12 5.6	2.309	3.249	7.1	20.0
4 11	11 6.22	−10 47.1	2.364	3.252	9.6	20.2

367716 2010 TU_{64} 3 10.9 348.°44 4.°9/14.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.47	− 8 16.9	1.351	2.128	20.5	20.1
2 11	11 43.87	− 8 44.2	1.265	2.122	17.2	19.9
2 21	11 39.33	− 8 46.1	1.196	2.116	13.1	19.6
3 2	11 32.36	− 8 21.2	1.148	2.111	8.6	19.3
3 12	11 24.03	− 7 32.2	1.123	2.107	5.1	19.1
3 22	11 15.66	− 6 26.2	1.123	2.104	6.5	19.2
4 1	11 8.64	− 5 13.1	1.147	2.102	10.8	19.4
4 11	11 4.09	− 4 3.8	1.193	2.101	15.3	19.6

474087 2016 JS_{36} 3 10.9 323.°86 3.°5/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.09	+ 7 45.1	1.564	2.385	16.2	20.7
2 11	11 43.16	+ 8 48.9	1.475	2.371	12.7	20.5
2 21	11 38.61	+10 7.9	1.407	2.357	8.5	20.2
3 2	11 31.94	+11 34.8	1.363	2.344	4.5	19.9
3 12	11 24.08	+12 59.7	1.346	2.332	4.1	19.9
3 22	11 16.19	+14 12.5	1.355	2.319	8.1	20.1
4 1	11 9.47	+15 5.3	1.389	2.308	12.6	20.3
4 11	11 4.89	+15 33.9	1.444	2.297	16.6	20.5

136995 1998 SD_{57} 3 10.9 232.°47 0.°8/10.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.68	+ 2 54.7	2.049	2.828	14.4	21.0
2 11	11 46.86	+ 3 30.7	1.946	2.817	11.4	20.8
2 21	11 40.78	+ 4 20.7	1.865	2.805	7.7	20.5
3 2	11 32.88	+ 5 20.8	1.812	2.792	3.6	20.3
3 12	11 23.98	+ 6 24.9	1.787	2.779	1.2	20.1
3 22	11 15.00	+ 7 26.2	1.791	2.765	5.3	20.3
4 1	11 6.96	+ 8 18.4	1.823	2.751	9.5	20.5
4 11	11 0.67	+ 8 56.9	1.880	2.736	13.2	20.7

325699 2009 UA_{47} 3 10.9 238.°70 5.°9/ 4.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.97	+19 35.9	2.259	3.060	12.5	21.2
2 11	11 49.28	+20 37.5	2.167	3.046	10.0	21.0
2 21	11 42.32	+21 40.5	2.099	3.030	7.5	20.9
3 2	11 33.59	+22 37.6	2.058	3.015	5.9	20.7
3 12	11 23.89	+23 21.5	2.046	2.999	6.5	20.7
3 22	11 14.21	+23 46.7	2.062	2.982	8.8	20.8
4 1	11 5.51	+23 50.3	2.104	2.965	11.7	21.0
4 11	10 58.60	+23 32.5	2.168	2.947	14.3	21.1

171266 2006 DU_{115} 3 10.9 256.°48 1.°0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.71	+ 2 37.1	1.808	2.595	15.7	21.2
2 11	11 47.31	+ 3 18.6	1.701	2.576	12.5	21.0
2 21	11 41.36	+ 4 17.2	1.615	2.556	8.5	20.7
3 2	11 33.28	+ 5 28.7	1.555	2.536	4.0	20.3
3 12	11 23.93	+ 6 46.0	1.523	2.515	1.4	20.1
3 22	11 14.39	+ 8 0.7	1.519	2.494	6.1	20.4
4 1	11 5.85	+ 9 4.6	1.542	2.472	10.8	20.6
4 11	10 59.30	+ 9 51.9	1.589	2.449	15.0	20.8

163725 2003 HA_{52} 3 10.9 263.°73 3.°6/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.26	+ 8 11.4	1.623	2.434	16.2	20.4
2 11	11 47.22	+ 9 15.6	1.528	2.418	12.7	20.1
2 21	11 41.42	+10 34.6	1.454	2.402	8.6	19.8
3 2	11 33.34	+12 1.3	1.406	2.386	4.6	19.5
3 12	11 23.93	+13 25.7	1.384	2.369	4.3	19.5
3 22	11 14.40	+14 37.7	1.390	2.352	8.3	19.6
4 1	11 6.05	+15 29.6	1.421	2.335	12.8	19.9
4 11	10 59.93	+15 57.3	1.474	2.317	16.8	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
496469	2014 SB_{126}		3 10.9	254.°57	0.°6/11.4	17
	h m	° ′			°	m
2 1	11 50.84	− 0 54.8	1.732	2.510	16.7	22.7
2 11	11 47.51	− 0 32.9	1.627	2.494	13.4	22.4
2 21	11 41.54	+ 0 7.9	1.542	2.477	9.4	22.1
3 2	11 33.38	+ 1 5.1	1.482	2.461	4.8	21.8
3 12	11 23.92	+ 2 12.9	1.450	2.443	0.7	21.5
3 22	11 14.29	+ 3 23.5	1.445	2.425	5.5	21.8
4 1	11 5.71	+ 4 28.6	1.467	2.407	10.4	22.0
4 11	10 59.21	+ 5 21.0	1.513	2.389	14.7	22.2
466493	2013 WV_{26}		3 10.9	187.°72	5.°6/ 4.7	17
2 1	11 52.60	+19 35.9	2.286	3.089	12.3	21.5
2 11	11 48.02	+20 34.1	2.209	3.089	9.8	21.3
2 21	11 41.32	+21 32.7	2.155	3.088	7.3	21.1
3 2	11 33.04	+22 24.8	2.130	3.087	5.7	21.0
3 12	11 23.99	+23 3.7	2.132	3.086	6.3	21.1
3 22	11 15.08	+23 24.6	2.163	3.084	8.4	21.2
4 1	11 7.20	+23 25.3	2.219	3.082	11.1	21.4
4 11	11 1.05	+23 6.3	2.298	3.080	13.5	21.5
374185	2004 YZ_2		3 10.9	130.°92	4.°2/16.1	18
2 1	11 48.39	−13 13.2	2.429	3.127	14.5	21.1
2 11	11 44.57	−13 8.9	2.337	3.139	12.2	21.0
2 21	11 38.90	−12 45.1	2.266	3.151	9.5	20.8
3 2	11 31.86	−12 1.7	2.220	3.163	6.6	20.6
3 12	11 24.14	−11 1.6	2.202	3.174	4.5	20.5
3 22	11 16.51	− 9 49.4	2.212	3.184	4.7	20.5
4 1	11 9.73	− 8 31.2	2.252	3.195	7.1	20.7
4 11	11 4.43	− 7 14.0	2.319	3.204	9.9	20.9
253314	2003 DG_5		3 10.9	71.°73	2.°3/13.1	18
2 1	11 52.68	− 5 49.5	1.738	2.492	17.5	21.0
2 11	11 48.30	− 5 29.7	1.679	2.527	14.1	20.8
2 21	11 41.55	− 4 49.2	1.640	2.562	10.0	20.7
3 2	11 33.11	− 3 51.1	1.626	2.596	5.7	20.5
3 12	11 24.00	− 2 41.2	1.640	2.630	2.3	20.3
3 22	11 15.29	− 1 27.4	1.682	2.663	4.7	20.6
4 1	11 7.94	− 0 17.3	1.752	2.696	8.6	20.9
4 11	11 2.65	+ 0 42.6	1.846	2.728	12.2	21.1
199854	2007 EL_{86}		3 10.9	308.°39	1.°3/ 9.9	17
2 1	11 50.74	+ 5 43.7	1.664	2.466	16.3	19.7
2 11	11 47.66	+ 5 51.3	1.554	2.438	13.0	19.5
2 21	11 41.81	+ 6 10.7	1.465	2.410	8.9	19.1
3 2	11 33.59	+ 6 38.1	1.400	2.382	4.3	18.8
3 12	11 23.90	+ 7 7.8	1.362	2.354	1.7	18.5
3 22	11 13.93	+ 7 33.1	1.351	2.327	6.5	18.8
4 1	11 5.01	+ 7 48.1	1.365	2.300	11.4	19.0
4 11	10 58.25	+ 7 48.6	1.402	2.274	15.9	19.2
224383	2005 UY_{194}		3 10.9	156.°81	0.°6/11.5	18
2 1	11 48.71	− 1 6.2	1.970	2.742	15.1	20.7
2 11	11 45.27	− 0 41.3	1.881	2.744	12.1	20.5
2 21	11 39.63	− 0 0.1	1.813	2.746	8.4	20.3
3 2	11 32.30	+ 0 54.3	1.770	2.748	4.2	20.0
3 12	11 24.09	+ 1 56.5	1.756	2.750	0.7	19.7
3 22	11 15.94	+ 3 0.0	1.771	2.751	4.7	20.0
4 1	11 8.80	+ 3 58.0	1.813	2.752	8.8	20.3
4 11	11 3.44	+ 4 45.0	1.880	2.753	12.4	20.5
259234	2003 BH_{51}		3 10.9	92.°74	0.°8/11.6	18
2 1	11 53.27	− 0 47.0	1.931	2.696	15.6	20.9
2 11	11 48.62	− 0 31.2	1.861	2.721	12.4	20.8
2 21	11 41.73	− 0 0.5	1.814	2.745	8.5	20.6
3 2	11 33.21	+ 0 41.9	1.792	2.769	4.3	20.4
3 12	11 23.98	+ 1 30.8	1.799	2.792	0.8	20.1
3 22	11 15.04	+ 2 20.1	1.836	2.815	4.6	20.5
4 1	11 7.32	+ 3 4.1	1.900	2.838	8.5	20.7
4 11	11 1.50	+ 3 38.2	1.989	2.860	12.0	21.0
386250	2008 CS_8		3 10.9	269.°04	4.°4/15.3	18
2 1	11 51.08	−10 29.2	2.593	3.296	13.6	21.0
2 11	11 46.74	−11 10.4	2.478	3.284	11.5	20.9
2 21	11 40.48	−11 37.7	2.385	3.272	9.0	20.7
3 2	11 32.70	−11 50.2	2.318	3.260	6.4	20.5
3 12	11 24.03	−11 48.1	2.279	3.248	4.6	20.3
3 22	11 15.24	−11 33.5	2.269	3.236	5.1	20.4
4 1	11 7.14	−11 9.9	2.287	3.224	7.4	20.5
4 11	11 0.45	−10 42.2	2.332	3.211	10.1	20.6
425061	2009 RF_8		3 10.9	173.°80	0.°1/10.9	15
2 1	11 51.15	+ 0 59.0	2.645	3.402	12.1	23.3
2 11	11 46.52	+ 1 24.0	2.549	3.406	9.5	23.1
2 21	11 40.14	+ 1 59.9	2.477	3.409	6.5	22.9
3 2	11 32.44	+ 2 44.1	2.433	3.411	3.2	22.7
3 12	11 24.07	+ 3 32.4	2.420	3.413	0.4	22.5
3 22	11 15.76	+ 4 20.2	2.437	3.414	3.9	22.8
4 1	11 8.22	+ 5 3.1	2.484	3.414	7.2	23.0
4 11	11 2.07	+ 5 37.4	2.558	3.413	10.1	23.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
122994	2000 SN_{249}		3 10.9	60.°36	5.°4/ 6.6	18
	h m	° ′			°	m
2 1	11 55.06	+16 15.5	1.677	2.490	15.7	19.2
2 11	11 50.37	+17 0.7	1.622	2.510	12.2	19.0
2 21	11 43.06	+17 47.9	1.588	2.530	8.6	18.8
3 2	11 33.86	+18 29.0	1.580	2.550	5.8	18.7
3 12	11 23.91	+18 56.4	1.599	2.570	6.0	18.7
3 22	11 14.41	+19 5.1	1.645	2.590	8.8	18.9
4 1	11 6.43	+18 53.3	1.717	2.611	12.1	19.2
4 11	11 0.72	+18 21.9	1.810	2.631	15.1	19.4
348956	2006 UW_6		3 10.9	173.°58	1.°9/13.4	17
2 1	11 45.22	− 6 28.5	2.651	3.387	12.6	21.4
2 11	11 41.96	− 6 2.8	2.551	3.388	10.2	21.2
2 21	11 37.09	− 5 21.4	2.474	3.389	7.4	21.1
3 2	11 30.99	− 4 26.2	2.423	3.390	4.4	20.9
3 12	11 24.26	− 3 20.7	2.402	3.390	2.0	20.7
3 22	11 17.57	− 2 9.9	2.410	3.391	3.5	20.8
4 1	11 11.57	− 0 59.1	2.448	3.391	6.6	21.0
4 11	11 6.84	+ 0 6.2	2.513	3.391	9.5	21.2
435254	2007 TV_{87}		3 10.9	113.°83	5.°0/ 5.5	17
2 1	11 50.31	+17 20.4	2.238	3.044	12.4	21.4
2 11	11 46.25	+18 13.4	2.161	3.045	9.8	21.2
2 21	11 40.13	+19 8.4	2.108	3.047	7.1	21.1
3 2	11 32.47	+19 58.6	2.083	3.048	5.2	20.9
3 12	11 24.08	+20 37.6	2.086	3.049	5.6	21.0
3 22	11 15.83	+21 0.7	2.117	3.050	7.9	21.1
4 1	11 8.59	+21 5.1	2.174	3.051	10.7	21.3
4 11	11 3.03	+20 50.9	2.253	3.052	13.3	21.5
284658	2008 AZ_{103}		3 10.9	177.°60	3.°8/ 5.2	18
2 1	11 47.54	+16 0.9	3.011	3.807	9.8	21.5
2 11	11 43.55	+17 4.9	2.929	3.809	7.7	21.4
2 21	11 38.04	+18 11.5	2.873	3.810	5.5	21.2
3 2	11 31.41	+19 15.5	2.846	3.811	4.0	21.1
3 12	11 24.22	+20 11.8	2.850	3.811	4.3	21.2
3 22	11 17.09	+20 56.1	2.883	3.811	6.3	21.3
4 1	11 10.64	+21 25.8	2.944	3.811	8.5	21.4
4 11	11 5.39	+21 39.7	3.028	3.810	10.6	21.6
357040	2000 QK_{87}		3 10.9	234.°63	2.°3/12.7	17
2 1	11 53.56	− 3 45.4	1.871	2.626	16.4	21.2
2 11	11 49.44	− 3 51.7	1.764	2.614	13.4	21.0
2 21	11 42.74	− 3 40.9	1.679	2.601	9.7	20.7
3 2	11 33.93	− 3 13.9	1.617	2.588	5.6	20.5
3 12	11 23.88	− 2 33.8	1.584	2.574	2.3	20.2
3 22	11 13.68	− 1 46.1	1.579	2.560	5.0	20.4
4 1	11 4.49	− 0 57.5	1.602	2.544	9.4	20.6
4 11	10 57.31	− 0 14.7	1.649	2.529	13.5	20.8
90510	2004 EW_{20}		3 10.9	267.°77	4.°6/ 3.9	18
2 1	11 46.23	+15 7.9	2.702	3.505	10.6	19.8
2 11	11 42.94	+16 44.9	2.597	3.481	8.3	19.6
2 21	11 37.90	+18 28.6	2.518	3.457	6.0	19.4
3 2	11 31.46	+20 12.5	2.469	3.432	4.6	19.2
3 12	11 24.20	+21 49.1	2.450	3.407	5.3	19.2
3 22	11 16.82	+23 12.0	2.461	3.382	7.6	19.3
4 1	11 10.07	+24 16.4	2.499	3.356	10.2	19.5
4 11	11 4.61	+25 0.0	2.561	3.329	12.6	19.6
462915	2011 AC_{21}		3 10.9	235.°55	4.°7/ 5.9	17
2 1	11 49.67	+13 31.3	2.000	2.809	13.6	21.4
2 11	11 46.11	+14 42.0	1.914	2.802	10.6	21.2
2 21	11 40.26	+15 59.8	1.851	2.795	7.5	21.0
3 2	11 32.63	+17 17.3	1.816	2.787	5.0	20.8
3 12	11 24.06	+18 26.0	1.809	2.780	5.4	20.8
3 22	11 15.53	+19 18.8	1.829	2.772	8.2	21.0
4 1	11 8.03	+19 51.2	1.876	2.764	11.5	21.2
4 11	11 2.35	+20 1.5	1.944	2.755	14.6	21.4
468244	2015 BX_{249}		3 10.9	194.°22	1.°9/ 8.8	17
2 1	11 48.84	+ 6 27.9	2.251	3.040	13.0	21.3
2 11	11 45.09	+ 7 12.5	2.161	3.039	10.1	21.1
2 21	11 39.37	+ 8 7.2	2.094	3.037	6.8	20.9
3 2	11 32.14	+ 9 7.2	2.055	3.035	3.3	20.7
3 12	11 24.13	+10 6.5	2.044	3.033	2.3	20.6
3 22	11 16.17	+10 59.2	2.064	3.031	5.5	20.8
4 1	11 9.10	+11 40.4	2.111	3.028	9.0	21.0
4 11	11 3.60	+12 7.0	2.182	3.025	12.1	21.2
432439	2010 BY_{123}		3 10.9	229.°06	4.°3/ 5.0	17
2 1	11 47.68	+15 58.7	2.667	3.469	10.8	21.6
2 11	11 43.95	+17 6.7	2.577	3.460	8.5	21.4
2 21	11 38.49	+18 18.3	2.512	3.450	6.1	21.3
3 2	11 31.69	+19 27.8	2.475	3.440	4.4	21.1
3 12	11 24.19	+20 28.9	2.468	3.430	4.9	21.2
3 22	11 16.70	+21 16.6	2.490	3.420	7.1	21.3
4 1	11 9.95	+21 47.5	2.539	3.409	9.6	21.4
4 11	11 4.56	+22 0.5	2.612	3.398	12.0	21.6

37219 2000 WN_{137} 3 10.9 200.°52 1.°2/ 9.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.66	+ 3 7.2	2.392	3.170	12.6	19.3
2 11	11 44.08	+ 4 9.3	2.295	3.166	9.9	19.1
2 21	11 38.65	+ 5 24.6	2.222	3.162	6.6	18.9
3 2	11 31.79	+ 6 48.6	2.177	3.158	3.1	18.7
3 12	11 24.18	+ 8 14.9	2.162	3.153	1.6	18.6
3 22	11 16.57	+ 9 36.7	2.177	3.147	5.0	18.8
4 1	11 9.74	+10 48.0	2.221	3.141	8.5	19.0
4 11	11 4.37	+11 44.7	2.291	3.134	11.6	19.2

309106 2006 WZ_{83} 3 10.9 106.°34 5.°1/ 6.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 52.29	+14 25.6	1.797	2.609	14.8	20.7
2 11	11 48.21	+15 33.5	1.731	2.620	11.5	20.5
2 21	11 41.65	+16 46.6	1.688	2.631	8.1	20.3
3 2	11 33.25	+17 56.5	1.671	2.642	5.5	20.2
3 12	11 24.00	+18 54.5	1.682	2.652	5.8	20.2
3 22	11 15.01	+19 34.2	1.720	2.662	8.7	20.4
4 1	11 7.32	+19 51.9	1.783	2.672	12.0	20.6
4 11	11 1.71	+19 47.4	1.868	2.682	15.0	20.8

348550 2005 UB_{369} 3 10.9 49.°33 4.°4/ 5.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 47.55	+16 1.2	2.369	3.176	11.8	20.6
2 11	11 43.92	+16 55.9	2.299	3.186	9.2	20.4
2 21	11 38.45	+17 52.9	2.255	3.195	6.5	20.3
3 2	11 31.64	+18 46.2	2.237	3.205	4.6	20.2
3 12	11 24.22	+19 30.0	2.249	3.215	5.0	20.2
3 22	11 16.96	+19 59.5	2.288	3.225	7.2	20.4
4 1	11 10.63	+20 12.3	2.354	3.235	9.8	20.5
4 11	11 5.82	+20 7.8	2.442	3.245	12.2	20.7

64006 2001 SS_{124} 3 10.9 308.°47 2.°2/12.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 50.34	− 2 57.3	2.145	2.900	14.6	18.9
2 11	11 46.45	− 3 16.5	2.044	2.894	11.8	18.7
2 21	11 40.42	− 3 22.5	1.965	2.887	8.6	18.5
3 2	11 32.71	− 3 16.0	1.911	2.881	5.0	18.2
3 12	11 24.07	− 2 59.5	1.885	2.875	2.2	18.0
3 22	11 15.41	− 2 36.7	1.888	2.869	4.4	18.2
4 1	11 7.64	− 2 12.4	1.920	2.863	8.1	18.4
4 11	11 1.54	− 1 51.3	1.976	2.857	11.5	18.6

385390 2002 TU_{319} 3 10.9 115.°31 0.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.81	− 0 54.3	2.510	3.267	12.6	22.1
2 11	11 44.72	− 0 32.0	2.428	3.283	10.0	22.0
2 21	11 38.91	+ 0 2.5	2.369	3.298	6.9	21.8
3 2	11 31.85	+ 0 46.7	2.337	3.313	3.5	21.6
3 12	11 24.19	+ 1 36.2	2.334	3.327	0.6	21.4
3 22	11 16.67	+ 2 26.4	2.362	3.342	3.7	21.6
4 1	11 9.99	+ 3 12.5	2.419	3.355	7.0	21.9
4 11	11 4.70	+ 3 50.8	2.503	3.369	10.0	22.1

362645 2011 SL_{214} 3 10.9 128.°56 1.°9/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 55.53	+ 6 35.4	1.667	2.462	16.5	21.2
2 11	11 50.94	+ 6 58.9	1.591	2.470	12.9	20.9
2 21	11 43.64	+ 7 33.5	1.535	2.479	8.7	20.7
3 2	11 34.27	+ 8 14.0	1.506	2.487	4.2	20.4
3 12	11 23.89	+ 8 53.3	1.504	2.494	2.3	20.3
3 22	11 13.73	+ 9 25.0	1.530	2.502	6.4	20.6
4 1	11 4.97	+ 9 43.9	1.582	2.509	10.8	20.9
4 11	10 58.49	+ 9 47.3	1.658	2.515	14.6	21.1

369915 2013 CJ_{176} 3 10.9 47.°86 2.°2/ 9.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.31	+ 4 16.8	1.262	2.081	19.4	21.2
2 11	11 46.77	+ 5 8.2	1.199	2.093	15.1	20.9
2 21	11 41.14	+ 6 18.2	1.155	2.105	10.1	20.7
3 2	11 33.14	+ 7 39.1	1.135	2.117	4.7	20.4
3 12	11 24.03	+ 9 0.0	1.139	2.130	2.7	20.3
3 22	11 15.24	+10 9.9	1.170	2.144	7.6	20.6
4 1	11 8.11	+11 0.6	1.224	2.157	12.6	21.0
4 11	11 3.58	+11 28.0	1.299	2.171	16.9	21.2

332185 2006 BV_{217} 3 10.9 19.°83 5.°9/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.64	−11 35.0	1.908	2.628	17.3	20.1
2 11	11 47.80	−12 28.4	1.815	2.630	14.7	19.9
2 21	11 41.52	−13 3.0	1.742	2.631	11.6	19.7
3 2	11 33.30	−13 16.5	1.692	2.633	8.4	19.5
3 12	11 24.00	−13 9.1	1.668	2.635	6.2	19.4
3 22	11 14.69	−12 44.0	1.671	2.638	6.5	19.4
4 1	11 6.45	−12 6.5	1.700	2.641	9.1	19.6
4 11	11 0.15	−11 23.9	1.754	2.643	12.3	19.8

329848 2004 TV_{125} 3 10.9 159.°49 4.°5/ 6.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 53.45	+16 19.4	2.339	3.135	12.3	21.1
2 11	11 48.56	+17 8.3	2.261	3.141	9.6	20.9
2 21	11 41.63	+17 59.3	2.209	3.146	6.8	20.7
3 2	11 33.19	+18 46.3	2.184	3.151	4.8	20.6
3 12	11 24.04	+19 23.3	2.189	3.155	5.0	20.6
3 22	11 15.05	+19 45.6	2.222	3.159	7.3	20.8
4 1	11 7.08	+19 50.8	2.282	3.162	10.1	20.9
4 11	11 0.79	+19 38.6	2.366	3.165	12.7	21.1

292454 2006 SQ_{360} 3 10.9 183.°18 2.°0/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.76	− 6 36.3	2.833	3.563	12.0	21.7
2 11	11 42.29	− 6 15.6	2.730	3.563	9.7	21.6
2 21	11 37.26	− 5 40.5	2.651	3.563	7.1	21.4
3 2	11 31.08	− 4 52.3	2.598	3.563	4.3	21.2
3 12	11 24.30	− 3 54.4	2.574	3.562	2.0	21.1
3 22	11 17.53	− 2 51.0	2.581	3.561	3.4	21.1
4 1	11 11.42	− 1 47.0	2.617	3.559	6.2	21.3
4 11	11 6.50	− 0 47.2	2.681	3.558	9.0	21.5

18724 1998 JV_1 3 10.9 274.°73 2.°4/ 7.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.02	+ 8 29.3	2.404	3.200	12.0	18.1
2 11	11 42.82	+ 9 21.3	2.309	3.192	9.3	17.9
2 21	11 37.81	+10 22.0	2.239	3.183	6.3	17.6
3 2	11 31.40	+11 26.4	2.195	3.175	3.3	17.4
3 12	11 24.25	+12 28.7	2.182	3.166	2.9	17.4
3 22	11 17.11	+13 23.0	2.197	3.158	5.7	17.6
4 1	11 10.75	+14 4.8	2.240	3.149	8.9	17.7
4 11	11 5.81	+14 31.3	2.307	3.141	11.9	17.9

324546 2006 WO_{48} 3 10.9 5.°16 1.°4/11.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 48.74	− 1 7.5	1.498	2.290	18.2	20.3
2 11	11 46.02	− 1 10.2	1.416	2.290	14.6	20.1
2 21	11 40.55	− 0 54.5	1.353	2.290	10.3	19.8
3 2	11 32.88	− 0 22.6	1.314	2.291	5.5	19.5
3 12	11 24.06	+ 0 20.1	1.300	2.293	1.4	19.3
3 22	11 15.33	+ 1 6.7	1.312	2.295	5.5	19.5
4 1	11 7.92	+ 1 49.5	1.350	2.297	10.3	19.8
4 11	11 2.79	+ 2 22.0	1.410	2.301	14.7	20.1

273022 2006 DJ_{98} 3 10.9 280.°09 0.°6/11.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.28	+ 0 17.4	1.557	2.346	17.8	21.1
2 11	11 48.23	+ 0 23.6	1.454	2.328	14.3	20.9
2 21	11 42.27	+ 0 47.6	1.370	2.309	10.1	20.6
3 2	11 33.85	+ 1 27.2	1.310	2.289	5.1	20.2
3 12	11 23.93	+ 2 17.0	1.277	2.270	0.7	19.8
3 22	11 13.78	+ 3 9.5	1.270	2.251	5.9	20.1
4 1	11 4.79	+ 3 56.5	1.288	2.231	11.2	20.4
4 11	10 58.11	+ 4 31.3	1.330	2.212	15.9	20.6

415106 2012 CP_{30} 3 10.9 16.°30 1.°0/11.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.06	− 0 9.6	1.561	2.349	17.8	21.3
2 11	11 47.73	− 0 11.1	1.478	2.350	14.2	21.1
2 21	11 41.65	+ 0 4.4	1.414	2.351	10.0	20.9
3 2	11 33.40	+ 0 34.3	1.375	2.352	5.1	20.6
3 12	11 24.01	+ 1 13.3	1.361	2.354	1.0	20.3
3 22	11 14.70	+ 1 54.8	1.375	2.356	5.5	20.6
4 1	11 6.72	+ 2 31.8	1.414	2.358	10.3	20.9
4 11	11 1.00	+ 2 58.4	1.476	2.361	14.5	21.1

433243 2012 VS_{83} 3 10.9 147.°08 11.°7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	12 0.54	+48 43.8	2.693	3.423	12.5	20.8
2 11	11 54.54	+50 12.7	2.664	3.428	11.9	20.7
2 21	11 45.85	+51 23.7	2.656	3.432	11.7	20.7
3 2	11 35.22	+52 9.3	2.670	3.435	11.9	20.7
3 12	11 23.81	+52 24.3	2.705	3.439	12.6	20.8
3 22	11 12.85	+52 7.5	2.760	3.443	13.5	20.9
4 1	11 3.49	+51 20.9	2.832	3.446	14.5	21.0
4 11	10 56.48	+50 9.1	2.919	3.449	15.4	21.1

111071 2001 VX_{49} 3 10.9 80.°44 8.°1/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 49.23	−20 11.8	1.896	2.570	18.7	19.8
2 11	11 45.95	−20 52.6	1.811	2.581	16.4	19.6
2 21	11 40.25	−21 7.2	1.743	2.592	13.7	19.5
3 2	11 32.67	−20 52.3	1.696	2.603	10.9	19.3
3 12	11 24.11	−20 8.3	1.672	2.614	8.7	19.2
3 22	11 15.62	−18 59.1	1.675	2.625	8.2	19.2
4 1	11 8.27	−17 32.4	1.703	2.636	9.7	19.3
4 11	11 2.90	−15 58.0	1.756	2.647	12.2	19.5

506176 2016 GM_6 3 10.9 223.°31 0.°6/11.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 51.56	− 0 23.5	2.455	3.210	13.0	22.5
2 11	11 47.16	− 0 9.1	2.344	3.198	10.4	22.3
2 21	11 40.79	+ 0 17.9	2.257	3.185	7.3	22.1
3 2	11 32.88	+ 0 55.1	2.196	3.172	3.7	21.9
3 12	11 24.10	+ 1 38.9	2.165	3.159	0.7	21.6
3 22	11 15.24	+ 2 24.5	2.165	3.144	4.1	21.8
4 1	11 7.15	+ 3 7.1	2.194	3.129	7.7	22.0
4 11	11 0.53	+ 3 42.1	2.249	3.113	11.0	22.2

498342 2007 VZ_{247} 3 10.9 101.°65 1.°3/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 1	11 46.47	− 4 16.2	2.443	3.192	13.2	21.8
2 11	11 43.00	− 3 45.3	2.358	3.206	10.5	21.7
2 21	11 37.81	− 2 59.0	2.296	3.220	7.5	21.5
3 2	11 31.36	− 2 0.1	2.261	3.233	4.1	21.3
3 12	11 24.30	− 0 52.8	2.255	3.246	1.3	21.1
3 22	11 17.36	+ 0 17.2	2.278	3.259	3.7	21.3
4 1	11 11.23	+ 1 24.2	2.331	3.272	7.0	21.5
4 11	11 6.50	+ 2 23.3	2.411	3.285	10.0	21.7

467511 2007 DP_{51} 3 10.9 300.°44 1.°2/11.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.75	+ 1 32.1	1.784	2.560	16.3	21.4
2 11	11 50.75	+ 1 6.0	1.663	2.529	13.3	21.1
2 21	11 43.94	+ 0 50.7	1.564	2.498	9.4	20.8
3 2	11 34.69	+ 0 45.3	1.490	2.467	5.0	20.4
3 12	11 23.85	+ 0 46.7	1.442	2.435	1.2	20.1
3 22	11 12.61	+ 0 51.1	1.423	2.404	5.5	20.3
4 1	11 2.28	+ 0 53.8	1.432	2.373	10.5	20.5
4 11	10 54.06	+ 0 50.3	1.464	2.342	15.0	20.7

497283 2005 QS_{189} 3 10.9 190.°61 0.°6/11.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.17	− 1 7.7	2.969	3.722	11.0	22.5
2 11	11 42.52	− 0 42.1	2.868	3.720	8.7	22.3
2 21	11 37.39	− 0 5.4	2.790	3.719	6.1	22.2
3 2	11 31.15	+ 0 40.1	2.741	3.717	3.1	22.0
3 12	11 24.34	+ 1 31.0	2.721	3.714	0.6	21.7
3 22	11 17.54	+ 2 23.1	2.732	3.712	3.3	22.0
4 1	11 11.37	+ 3 12.3	2.773	3.709	6.3	22.1
4 11	11 6.33	+ 3 54.9	2.841	3.705	9.0	22.3

375778 2009 SA_{239} 3 10.9 238.°79 2.°6/ 7.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.24	+ 7 11.7	2.334	3.122	12.6	21.7
2 11	11 45.52	+ 8 25.3	2.227	3.105	9.8	21.4
2 21	11 39.79	+ 9 51.1	2.144	3.087	6.6	21.2
3 2	11 32.44	+11 23.6	2.089	3.068	3.5	21.0
3 12	11 24.17	+12 55.4	2.065	3.049	3.1	20.9
3 22	11 15.78	+14 19.1	2.070	3.029	6.3	21.1
4 1	11 8.16	+15 28.5	2.105	3.008	9.8	21.2
4 11	11 2.06	+16 19.5	2.163	2.986	12.9	21.4

313367 2002 JL_{27} 3 10.9 252.°82 4.°7/ 6.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.02	+12 25.5	1.827	2.635	14.8	21.0
2 11	11 48.32	+13 30.8	1.731	2.619	11.6	20.8
2 21	11 42.03	+14 45.3	1.658	2.603	8.1	20.5
3 2	11 33.63	+16 1.6	1.612	2.586	5.1	20.3
3 12	11 24.02	+17 10.3	1.593	2.569	5.3	20.3
3 22	11 14.34	+18 3.4	1.602	2.551	8.6	20.4
4 1	11 5.75	+18 35.1	1.636	2.533	12.5	20.6
4 11	10 59.22	+18 43.4	1.693	2.514	16.0	20.8

423429 2005 QK_{33} 3 10.9 180.°00 1.°7/12.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.21	− 3 11.2	2.467	3.205	13.3	22.8
2 11	11 48.33	− 3 12.3	2.366	3.207	10.8	22.6
2 21	11 41.51	− 3 0.5	2.289	3.208	7.7	22.4
3 2	11 33.19	− 2 37.0	2.239	3.209	4.3	22.2
3 12	11 24.09	− 2 4.9	2.218	3.208	1.7	22.0
3 22	11 15.01	− 1 28.3	2.228	3.207	3.9	22.1
4 1	11 6.77	− 0 51.6	2.267	3.205	7.3	22.3
4 11	11 0.05	− 0 19.3	2.333	3.203	10.5	22.5

290930 2005 WZ_{135} 3 10.9 67.°64 2.°2/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.14	+ 6 52.9	1.804	2.604	15.2	21.3
2 11	11 46.54	+ 7 30.5	1.727	2.611	11.8	21.1
2 21	11 40.56	+ 8 19.0	1.673	2.618	7.9	20.9
3 2	11 32.79	+ 9 12.8	1.644	2.625	3.9	20.6
3 12	11 24.15	+10 4.9	1.643	2.633	2.6	20.6
3 22	11 15.67	+10 48.6	1.670	2.640	6.3	20.8
4 1	11 8.38	+11 18.7	1.724	2.647	10.3	21.1
4 11	11 3.06	+11 32.3	1.801	2.655	13.8	21.3

420999 2013 PT_{44} 3 10.9 43.°61 1.°4/ 9.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.49	+ 1 6.9	1.714	2.510	16.1	21.1
2 11	11 43.10	+ 2 26.4	1.631	2.512	12.6	20.9
2 21	11 38.36	+ 4 6.3	1.571	2.515	8.4	20.7
3 2	11 31.78	+ 6 0.1	1.536	2.518	3.9	20.4
3 12	11 24.27	+ 7 58.0	1.530	2.521	1.9	20.3
3 22	11 16.84	+ 9 49.2	1.552	2.525	6.3	20.5
4 1	11 10.52	+11 24.4	1.601	2.528	10.6	20.8
4 11	11 6.13	+12 37.5	1.673	2.531	14.4	21.0

432103 2009 AB_{34} 3 10.9 338.°19 3.°4/ 7.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 44.39	+ 8 54.5	1.948	2.760	13.8	20.5
2 11	11 42.02	+10 5.9	1.862	2.754	10.7	20.3
2 21	11 37.51	+11 28.4	1.799	2.747	7.2	20.1
3 2	11 31.35	+12 55.5	1.763	2.742	4.0	19.9
3 12	11 24.32	+14 18.7	1.755	2.737	4.0	19.9
3 22	11 17.33	+15 30.1	1.774	2.732	7.2	20.1
4 1	11 11.30	+16 23.8	1.820	2.727	10.8	20.3
4 11	11 6.97	+16 56.5	1.888	2.723	14.0	20.5

118738 2000 QF_{134} 3 10.9 267.°12 0.°6/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.02	+ 3 1.0	1.925	2.710	15.0	20.1
2 11	11 46.53	+ 3 23.5	1.824	2.698	11.9	19.9
2 21	11 40.68	+ 3 59.6	1.744	2.684	8.1	19.6
3 2	11 32.94	+ 4 45.6	1.690	2.671	3.9	19.3
3 12	11 24.12	+ 5 36.0	1.665	2.658	1.0	19.1
3 22	11 15.24	+ 6 24.3	1.667	2.644	5.4	19.4
4 1	11 7.33	+ 7 4.4	1.697	2.630	9.7	19.6
4 11	11 1.28	+ 7 31.7	1.751	2.617	13.6	19.8

166855 2002 WM_{20} 3 10.9 96.°77 1.°7/ 8.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.86	+ 6 27.8	2.417	3.202	12.3	21.1
2 11	11 44.81	+ 7 12.0	2.346	3.222	9.5	20.9
2 21	11 38.99	+ 8 4.6	2.299	3.241	6.3	20.7
3 2	11 31.91	+ 9 1.0	2.280	3.260	3.0	20.6
3 12	11 24.27	+ 9 55.7	2.290	3.279	2.0	20.5
3 22	11 16.81	+10 43.7	2.330	3.297	5.0	20.7
4 1	11 10.25	+11 21.0	2.399	3.316	8.1	21.0
4 11	11 5.15	+11 45.2	2.493	3.333	10.9	21.2

106228 2000 UB_{40} 3 10.9 125.°27 2.°1/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.56	− 6 14.6	2.696	3.429	12.4	20.4
2 11	11 42.96	− 6 4.6	2.603	3.437	10.1	20.2
2 21	11 37.75	− 5 40.5	2.532	3.445	7.4	20.0
3 2	11 31.34	− 5 3.6	2.488	3.452	4.5	19.9
3 12	11 24.34	− 4 17.0	2.472	3.460	2.2	19.7
3 22	11 17.41	− 3 24.7	2.487	3.467	3.5	19.8
4 1	11 11.19	− 2 31.6	2.531	3.474	6.4	20.0
4 11	11 6.25	− 1 42.3	2.601	3.480	9.2	20.2

218771 2005 WF_{119} 3 10.9 150.°23 5.°0/16.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.00	−14 51.2	2.507	3.186	14.5	20.6
2 11	11 46.62	−15 8.3	2.411	3.196	12.4	20.5
2 21	11 40.35	−15 6.8	2.335	3.206	9.8	20.3
3 2	11 32.64	−14 45.6	2.284	3.214	7.3	20.2
3 12	11 24.18	−14 6.3	2.261	3.222	5.3	20.0
3 22	11 15.78	−13 12.4	2.266	3.230	5.4	20.1
4 1	11 8.21	−12 9.3	2.300	3.236	7.3	20.2
4 11	11 2.14	−11 3.3	2.361	3.242	9.9	20.4

134792 2000 EH_{13} 3 10.9 300.°62 0.°3/11.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.46	− 0 44.4	1.992	2.772	14.7	19.7
2 11	11 42.96	− 0 12.0	1.879	2.748	11.8	19.5
2 21	11 38.28	+ 0 38.1	1.788	2.724	8.2	19.2
3 2	11 31.81	+ 1 43.1	1.722	2.701	4.1	18.9
3 12	11 24.28	+ 2 57.5	1.684	2.677	0.5	18.6
3 22	11 16.59	+ 4 14.3	1.674	2.654	4.9	18.9
4 1	11 9.71	+ 5 25.8	1.692	2.631	9.3	19.1
4 11	11 4.52	+ 6 25.3	1.734	2.608	13.2	19.2

4781 Sládkovič 3 10.9 179.°35 0.°2/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.99	+ 0 48.2	1.787	2.562	16.3	18.4
2 11	11 49.71	+ 1 22.7	1.697	2.564	13.0	18.2
2 21	11 42.86	+ 2 14.3	1.629	2.566	8.9	17.9
3 2	11 33.98	+ 3 18.8	1.587	2.566	4.3	17.6
3 12	11 24.03	+ 4 29.5	1.573	2.566	0.7	17.3
3 22	11 14.13	+ 5 38.5	1.588	2.565	5.5	17.7
4 1	11 5.43	+ 6 38.3	1.630	2.563	10.1	18.0
4 11	10 58.81	+ 7 23.3	1.697	2.560	14.0	18.2

88174 2000 XQ_{29} 3 10.9 126.°49 1.°0/ 9.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.27	+ 5 18.1	2.355	3.128	12.9	20.2
2 11	11 48.31	+ 5 37.7	2.276	3.143	10.1	20.0
2 21	11 41.41	+ 6 5.9	2.220	3.158	6.8	19.8
3 2	11 33.10	+ 6 39.0	2.192	3.172	3.2	19.6
3 12	11 24.15	+ 7 12.4	2.194	3.186	1.3	19.5
3 22	11 15.37	+ 7 41.7	2.226	3.199	4.6	19.8
4 1	11 7.56	+ 8 3.1	2.287	3.211	8.0	20.0
4 11	11 1.36	+ 8 14.1	2.374	3.223	11.0	20.2

415705 1998 HD_{10} 3 10.9 320.°47 8.°2/ 4.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.74	+22 31.8	1.657	2.477	15.5	20.2
2 11	11 49.95	+23 31.3	1.578	2.465	12.6	20.0
2 21	11 43.23	+24 29.5	1.521	2.453	9.8	19.8
3 2	11 34.21	+25 16.2	1.488	2.441	8.2	19.7
3 12	11 24.00	+25 42.1	1.481	2.430	9.0	19.7
3 22	11 13.92	+25 41.0	1.499	2.419	11.6	19.8
4 1	11 5.28	+25 11.0	1.540	2.408	14.8	20.0
4 11	10 59.06	+24 14.6	1.601	2.398	17.8	20.2

468514 2005 RE_{21} 3 10.9 237.°59 4.°4/17.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.29	−15 31.7	2.991	3.663	12.5	21.6
2 11	11 42.78	−15 34.5	2.869	3.649	10.7	21.5
2 21	11 37.69	−15 20.3	2.769	3.635	8.6	21.3
3 2	11 31.37	−14 48.4	2.693	3.621	6.4	21.1
3 12	11 24.35	−14 0.2	2.645	3.606	4.7	21.0
3 22	11 17.26	−12 58.5	2.626	3.590	4.7	21.0
4 1	11 10.76	−11 48.0	2.637	3.574	6.5	21.1
4 11	11 5.41	−10 34.3	2.675	3.558	8.8	21.2

1291 Phryne 3 10.9 200.°77 2.°6/14.2 18 A

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.43	− 8 6.3	2.563	3.290	13.1	15.8
2 11	11 43.04	− 7 53.3	2.459	3.288	10.8	15.6
2 21	11 37.92	− 7 24.0	2.378	3.285	8.1	15.4
3 2	11 31.48	− 6 39.3	2.322	3.283	5.1	15.2
3 12	11 24.34	− 5 42.2	2.295	3.280	2.8	15.1
3 22	11 17.20	− 4 37.3	2.297	3.277	3.8	15.1
4 1	11 10.79	− 3 30.2	2.329	3.273	6.8	15.3
4 11	11 5.71	− 2 26.5	2.387	3.269	9.8	15.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
274511	2008 SW_{158}		3 10.9	123.°69	1.°2/12.1	18
	h m	° ′			°	m
2 1	11 47.59	− 2 42.1	2.060	2.825	14.8	21.1
2 11	11 44.33	− 2 20.6	1.969	2.827	11.9	20.8
2 21	11 38.98	− 1 42.5	1.900	2.829	8.4	20.6
3 2	11 32.04	− 0 50.3	1.856	2.831	4.5	20.4
3 12	11 24.27	+ 0 11.0	1.840	2.833	1.2	20.2
3 22	11 16.56	+ 1 15.4	1.853	2.835	4.3	20.4
4 1	11 9.78	+ 2 16.2	1.894	2.836	8.3	20.6
4 11	11 4.68	+ 3 7.9	1.961	2.838	11.8	20.8
247308	2001 TH_{121}		3 10.9	143.°75	2.°9/14.8	18
2 1	11 48.90	− 9 5.1	3.012	3.717	11.8	21.2
2 11	11 44.59	− 9 10.6	2.916	3.728	9.7	21.0
2 21	11 38.76	− 9 2.6	2.843	3.739	7.4	20.9
3 2	11 31.81	− 8 41.8	2.796	3.749	4.9	20.7
3 12	11 24.31	− 8 10.1	2.779	3.758	3.0	20.6
3 22	11 16.87	− 7 30.6	2.792	3.767	3.7	20.7
4 1	11 10.09	− 6 47.3	2.835	3.775	5.9	20.8
4 11	11 4.51	− 6 4.4	2.906	3.783	8.4	21.0
373325	2012 JG_{20}		3 10.9	212.°35	1.°2/ 9.6	17
2 1	11 48.67	+ 3 40.9	2.198	2.981	13.4	21.6
2 11	11 45.09	+ 4 28.2	2.102	2.976	10.5	21.3
2 21	11 39.47	+ 5 28.5	2.029	2.970	7.1	21.1
3 2	11 32.28	+ 6 37.3	1.983	2.964	3.3	20.9
3 12	11 24.25	+ 7 48.3	1.967	2.958	1.6	20.7
3 22	11 16.22	+ 8 55.1	1.979	2.951	5.2	21.0
4 1	11 9.06	+ 9 51.7	2.020	2.944	8.9	21.2
4 11	11 3.50	+10 33.9	2.086	2.937	12.3	21.4
503150	2015 GZ_{25}		3 10.9	308.°94	4.°8/ 4.9	17
2 1	11 46.65	+15 41.3	2.306	3.116	12.0	21.0
2 11	11 43.42	+16 55.6	2.227	3.115	9.4	20.8
2 21	11 38.27	+18 14.1	2.172	3.113	6.7	20.7
3 2	11 31.66	+19 29.8	2.146	3.112	4.9	20.5
3 12	11 24.33	+20 35.7	2.147	3.110	5.5	20.6
3 22	11 17.07	+21 26.0	2.177	3.109	7.8	20.7
4 1	11 10.70	+21 57.1	2.233	3.107	10.5	20.9
4 11	11 5.86	+22 7.9	2.311	3.106	13.1	21.0
216128	2006 SZ_{92}		3 10.9	270.°71	0.°3/11.2	17
2 1	11 50.18	+ 0 19.2	1.782	2.563	16.1	21.1
2 11	11 46.95	+ 0 37.5	1.676	2.546	13.0	20.8
2 21	11 41.16	+ 1 12.6	1.591	2.528	9.0	20.5
3 2	11 33.27	+ 2 1.9	1.531	2.510	4.5	20.2
3 12	11 24.12	+ 3 0.0	1.498	2.492	0.5	19.9
3 22	11 14.81	+ 3 59.6	1.494	2.473	5.4	20.2
4 1	11 6.52	+ 4 53.2	1.516	2.455	10.2	20.4
4 11	11 0.21	+ 5 34.7	1.561	2.436	14.4	20.6
265615	2005 SY_{88}		3 10.9	304.°66	1.°9/12.5	17
2 1	11 47.49	− 3 16.7	1.693	2.469	17.0	20.4
2 11	11 44.91	− 3 10.6	1.593	2.456	13.9	20.2
2 21	11 39.79	− 2 44.8	1.513	2.443	10.0	19.9
3 2	11 32.60	− 2 0.9	1.457	2.431	5.5	19.6
3 12	11 24.21	− 1 3.4	1.427	2.418	1.9	19.3
3 22	11 15.71	+ 0 0.6	1.424	2.406	5.1	19.5
4 1	11 8.28	+ 1 3.0	1.447	2.394	9.8	19.7
4 11	11 2.88	+ 1 56.4	1.494	2.383	14.1	20.0
269727	1998 SL_3		3 10.9	186.°00	3.°1/ 7.6	17
2 1	11 50.11	+10 52.7	2.254	3.051	12.7	21.0
2 11	11 46.10	+11 37.1	2.169	3.051	9.9	20.8
2 21	11 40.08	+12 28.1	2.107	3.051	6.7	20.6
3 2	11 32.54	+13 20.3	2.073	3.050	3.8	20.5
3 12	11 24.23	+14 7.5	2.068	3.049	3.5	20.4
3 22	11 16.01	+14 44.3	2.091	3.048	6.3	20.6
4 1	11 8.72	+15 7.1	2.143	3.047	9.5	20.8
4 11	11 3.05	+15 13.8	2.218	3.046	12.5	21.0
340647	2006 QK_{173}		3 10.9	60.°85	1.°1/ 9.6	17
2 1	11 46.96	+ 4 20.8	2.206	2.994	13.2	21.5
2 11	11 43.64	+ 4 58.2	2.123	2.999	10.3	21.3
2 21	11 38.40	+ 5 46.7	2.062	3.004	6.9	21.1
3 2	11 31.73	+ 6 42.0	2.028	3.010	3.2	20.8
3 12	11 24.34	+ 7 38.5	2.023	3.015	1.5	20.7
3 22	11 17.05	+ 8 30.3	2.048	3.021	5.0	21.0
4 1	11 10.67	+ 9 12.6	2.099	3.026	8.5	21.2
4 11	11 5.82	+ 9 41.9	2.176	3.032	11.7	21.4
212012	2005 CV_2		3 10.9	341.°28	1.°8/ 9.6	18
2 1	11 48.44	+ 5 39.8	1.281	2.104	19.0	19.8
2 11	11 46.38	+ 5 57.9	1.199	2.095	15.0	19.5
2 21	11 41.16	+ 6 31.5	1.137	2.087	10.2	19.2
3 2	11 33.36	+ 7 15.1	1.097	2.080	4.9	18.9
3 12	11 24.13	+ 8 0.4	1.082	2.074	2.3	18.7
3 22	11 14.93	+ 8 38.4	1.091	2.068	7.5	19.0
4 1	11 7.24	+ 9 1.6	1.124	2.064	12.8	19.3
4 11	11 2.19	+ 9 5.7	1.177	2.060	17.5	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
8623	Johnnygalecki		3 10.9	345.°87	1.°5/12.6	18
	h m	° ′			°	m
2 1	11 45.11	− 3 29.0	2.089	2.855	14.6	18.7
2 11	11 42.42	− 3 13.7	1.993	2.851	11.8	18.5
2 21	11 37.71	− 2 41.7	1.920	2.847	8.4	18.3
3 2	11 31.45	− 1 55.0	1.871	2.844	4.6	18.0
3 12	11 24.37	− 0 58.2	1.850	2.841	1.6	17.8
3 22	11 17.31	+ 0 3.2	1.857	2.839	4.2	18.0
4 1	11 11.12	+ 1 2.6	1.892	2.837	8.0	18.2
4 11	11 6.52	+ 1 54.3	1.952	2.835	11.5	18.4
138722	2000 SA_{157}		3 10.9	215.°62	2.°5/13.9	17
2 1	11 46.16	− 7 18.0	2.609	3.340	12.9	20.9
2 11	11 42.80	− 7 7.4	2.505	3.337	10.5	20.7
2 21	11 37.76	− 6 41.4	2.423	3.333	7.8	20.5
3 2	11 31.41	− 6 0.8	2.367	3.329	4.8	20.3
3 12	11 24.38	− 5 8.8	2.339	3.325	2.5	20.1
3 22	11 17.35	− 4 9.6	2.341	3.321	3.7	20.2
4 1	11 11.02	− 3 8.5	2.372	3.316	6.7	20.4
4 11	11 5.98	− 2 10.7	2.430	3.312	9.6	20.6
398337	2011 QZ_{36}		3 10.9	173.°95	2.°4/ 8.7	18
2 1	11 55.23	+ 7 33.5	1.932	2.719	14.8	22.1
2 11	11 50.45	+ 8 15.7	1.846	2.723	11.6	21.9
2 21	11 43.22	+ 9 8.3	1.784	2.726	7.8	21.7
3 2	11 34.12	+10 5.6	1.748	2.728	3.9	21.5
3 12	11 24.06	+11 0.5	1.742	2.729	2.8	21.4
3 22	11 14.11	+11 46.3	1.764	2.730	6.4	21.6
4 1	11 5.32	+12 18.0	1.814	2.730	10.3	21.8
4 11	10 58.53	+12 32.9	1.888	2.728	13.8	22.1
70208	1999 RX_{33}		3 10.9	290.°03	4.°3/15.4	18
2 1	11 44.91	−14 0.8	1.642	2.375	19.2	19.6
2 11	11 43.23	−13 17.8	1.519	2.347	16.4	19.3
2 21	11 38.92	−11 58.4	1.414	2.318	12.7	19.0
3 2	11 32.32	−10 0.3	1.332	2.289	8.5	18.7
3 12	11 24.25	− 7 27.1	1.276	2.260	4.7	18.4
3 22	11 15.84	− 4 28.9	1.249	2.231	5.8	18.4
4 1	11 8.38	− 1 21.5	1.249	2.201	10.5	18.6
4 11	11 3.02	+ 1 37.9	1.275	2.172	15.4	18.8
291962	2006 QN_{52}		3 10.9	287.°45	2.°4/ 8.9	17
2 1	11 50.01	+ 6 8.9	1.602	2.409	16.6	21.0
2 11	11 47.18	+ 6 49.5	1.499	2.386	13.1	20.7
2 21	11 41.55	+ 7 45.6	1.416	2.363	8.9	20.4
3 2	11 33.55	+ 8 51.6	1.359	2.340	4.4	20.1
3 12	11 24.11	+ 9 59.3	1.328	2.317	2.9	19.9
3 22	11 14.44	+10 59.6	1.323	2.294	7.4	20.1
4 1	11 5.89	+11 44.4	1.344	2.271	12.3	20.4
4 11	10 59.57	+12 8.8	1.387	2.248	16.7	20.6
205864	2002 EF_{90}		3 10.9	9.°52	2.°3/ 9.4	18
2 1	11 48.86	+ 6 3.3	1.203	2.031	19.7	20.0
2 11	11 46.74	+ 6 29.0	1.134	2.032	15.4	19.8
2 21	11 41.37	+ 7 10.5	1.083	2.034	10.4	19.5
3 2	11 33.41	+ 8 1.3	1.054	2.037	5.0	19.2
3 12	11 24.15	+ 8 51.9	1.050	2.041	2.8	19.0
3 22	11 15.09	+ 9 32.8	1.070	2.046	7.8	19.4
4 1	11 7.72	+ 9 56.7	1.113	2.051	13.0	19.7
4 11	11 3.09	+10 0.0	1.176	2.058	17.6	19.9
350098	2011 OY_{15}		3 10.9	284.°22	4.°3/13.7	18
2 1	11 52.25	− 6 0.0	1.425	2.195	20.0	20.5
2 11	11 49.26	− 6 34.0	1.329	2.185	16.6	20.2
2 21	11 43.14	− 6 47.0	1.252	2.174	12.5	19.9
3 2	11 34.37	− 6 37.6	1.197	2.163	7.9	19.6
3 12	11 24.01	− 6 7.9	1.166	2.153	4.4	19.4
3 22	11 13.46	− 5 23.4	1.161	2.142	6.4	19.5
4 1	11 4.24	− 4 32.4	1.181	2.131	11.2	19.7
4 11	10 57.57	− 3 44.3	1.223	2.121	15.9	19.9
301331	2009 BV_{178}		3 10.9	326.°86	0.°6/11.5	17
2 1	11 47.53	+ 0 29.1	2.131	2.907	14.0	20.5
2 11	11 44.27	+ 0 35.5	2.033	2.899	11.2	20.2
2 21	11 38.97	+ 0 54.6	1.958	2.892	7.8	20.0
3 2	11 32.07	+ 1 24.1	1.908	2.886	3.9	19.8
3 12	11 24.32	+ 2 0.0	1.886	2.879	0.6	19.5
3 22	11 16.56	+ 2 37.2	1.893	2.873	4.4	19.8
4 1	11 9.67	+ 3 10.7	1.927	2.867	8.3	20.0
4 11	11 4.40	+ 3 36.1	1.986	2.862	11.7	20.2
431162	2006 RN_{20}		3 10.9	167.°98	1.°8/13.7	18
2 1	11 45.67	− 7 59.1	3.029	3.747	11.5	21.5
2 11	11 42.12	− 7 16.8	2.926	3.751	9.4	21.3
2 21	11 37.12	− 6 19.2	2.847	3.755	6.8	21.2
3 2	11 31.05	− 5 8.0	2.795	3.758	4.1	21.0
3 12	11 24.45	− 3 46.9	2.773	3.761	1.9	20.8
3 22	11 17.88	− 2 20.9	2.783	3.764	3.2	20.9
4 1	11 11.94	− 0 55.2	2.824	3.765	5.9	21.1
4 11	11 7.11	+ 0 25.0	2.894	3.767	8.5	21.3

483474 2002 NQ_{62} 3 10.9 271.°70 1.°9/ 9.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.64	+ 4 51.0	1.422	2.228	18.3	21.8
2 11	11 49.64	+ 5 22.7	1.323	2.209	14.6	21.5
2 21	11 43.47	+ 6 11.8	1.244	2.190	10.0	21.2
3 2	11 34.57	+ 7 13.4	1.188	2.170	4.8	20.9
3 12	11 23.99	+ 8 18.8	1.159	2.150	2.4	20.6
3 22	11 13.16	+ 9 18.0	1.155	2.130	7.6	20.9
4 1	11 3.64	+10 2.3	1.176	2.109	13.1	21.1
4 11	10 56.70	+10 25.8	1.218	2.088	18.0	21.4

501428 2013 YF_{149} 3 10.9 54.°73 8.°3/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 56.94	−19 43.1	2.108	2.759	17.6	20.7
2 11	11 51.57	−21 5.9	2.041	2.792	15.4	20.6
2 21	11 43.85	−22 6.5	1.992	2.824	12.9	20.5
3 2	11 34.37	−22 41.5	1.966	2.857	10.5	20.4
3 12	11 24.05	−22 49.9	1.965	2.890	8.7	20.4
3 22	11 13.95	−22 34.0	1.991	2.923	8.4	20.4
4 1	11 5.06	−21 59.0	2.043	2.955	9.5	20.5
4 11	10 58.15	−21 12.6	2.120	2.988	11.4	20.7

34393 2000 RL_{69} 3 10.9 234.°39 1.°1/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.40	+ 5 13.2	2.668	3.447	11.4	19.9
2 11	11 43.72	+ 5 47.3	2.566	3.438	8.9	19.7
2 21	11 38.36	+ 6 30.4	2.488	3.428	6.0	19.5
3 2	11 31.71	+ 7 19.0	2.438	3.419	2.8	19.3
3 12	11 24.37	+ 8 8.6	2.418	3.409	1.4	19.2
3 22	11 17.02	+ 8 54.5	2.428	3.399	4.5	19.4
4 1	11 10.36	+ 9 32.5	2.466	3.388	7.7	19.6
4 11	11 4.99	+ 9 59.5	2.531	3.378	10.5	19.7

203588 2002 CZ_{252} 3 10.9 73.°86 2.°0/12.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.86	− 4 27.6	1.472	2.251	19.1	20.1
2 11	11 46.86	− 4 8.7	1.398	2.262	15.4	19.8
2 21	11 41.09	− 3 26.3	1.344	2.274	11.0	19.6
3 2	11 33.17	− 2 23.0	1.312	2.286	6.0	19.4
3 12	11 24.20	− 1 5.8	1.307	2.299	2.0	19.1
3 22	11 15.43	+ 0 16.2	1.328	2.311	5.4	19.4
4 1	11 8.09	+ 1 33.0	1.375	2.323	10.2	19.7
4 11	11 3.06	+ 2 36.8	1.445	2.335	14.4	20.0

351919 2006 SL_{386} 3 10.9 161.°14 0.°4/11.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.54	− 1 53.8	3.073	3.822	10.7	22.1
2 11	11 41.97	− 1 6.7	2.977	3.828	8.5	22.0
2 21	11 37.00	− 0 7.5	2.905	3.833	5.9	21.8
3 2	11 30.99	+ 1 1.0	2.862	3.838	3.0	21.6
3 12	11 24.48	+ 2 14.5	2.849	3.843	0.4	21.4
3 22	11 18.00	+ 3 28.5	2.868	3.847	3.2	21.6
4 1	11 12.14	+ 4 38.2	2.917	3.850	6.1	21.8
4 11	11 7.37	+ 5 39.7	2.994	3.853	8.7	22.0

3053 Dresden 3 10.9 216.°47 0.°7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.57	+ 3 32.2	2.051	2.827	14.5	17.8
2 11	11 49.15	+ 3 56.3	1.951	2.819	11.5	17.6
2 21	11 42.39	+ 4 32.6	1.872	2.810	7.8	17.4
3 2	11 33.77	+ 5 17.7	1.821	2.801	3.7	17.1
3 12	11 24.13	+ 6 6.0	1.798	2.791	1.1	16.9
3 22	11 14.44	+ 6 51.5	1.805	2.780	5.3	17.1
4 1	11 5.74	+ 7 28.6	1.840	2.768	9.4	17.4
4 11	10 58.85	+ 7 53.3	1.899	2.756	13.1	17.6

48312 2002 NP_3 3 10.9 207.°73 0.°3/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.05	+ 2 17.4	2.245	3.020	13.4	20.0
2 11	11 45.31	+ 2 39.7	2.150	3.018	10.6	19.8
2 21	11 39.59	+ 3 13.8	2.078	3.016	7.2	19.6
3 2	11 32.35	+ 3 56.5	2.033	3.013	3.4	19.4
3 12	11 24.31	+ 4 43.2	2.017	3.011	0.6	19.1
3 22	11 16.30	+ 5 28.3	2.031	3.008	4.5	19.4
4 1	11 9.16	+ 6 7.0	2.072	3.005	8.2	19.6
4 11	11 3.59	+ 6 35.4	2.139	3.002	11.5	19.8

433879 2015 BT_{338} 3 10.9 225.°40 1.°2/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.66	+ 5 29.8	2.098	2.885	13.9	21.5
2 11	11 46.72	+ 5 51.8	2.006	2.882	10.9	21.3
2 21	11 40.62	+ 6 23.8	1.938	2.879	7.3	21.1
3 2	11 32.87	+ 7 2.0	1.895	2.876	3.5	20.8
3 12	11 24.25	+ 7 41.1	1.881	2.873	1.6	20.7
3 22	11 15.68	+ 8 15.5	1.897	2.870	5.3	20.9
4 1	11 8.08	+ 8 40.7	1.940	2.867	9.1	21.1
4 11	11 2.19	+ 8 53.6	2.007	2.863	12.5	21.3

509233 2006 TK_{38} 3 10.9 210.°95 0.°7/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.78	+ 4 4.0	3.035	3.803	10.4	23.0
2 11	11 43.78	+ 4 33.7	2.931	3.796	8.2	22.8
2 21	11 38.28	+ 5 11.7	2.851	3.788	5.5	22.6
3 2	11 31.64	+ 5 55.1	2.800	3.780	2.6	22.4
3 12	11 24.40	+ 6 40.2	2.779	3.771	0.9	22.2
3 22	11 17.16	+ 7 23.0	2.789	3.762	3.8	22.5
4 1	11 10.52	+ 7 59.8	2.829	3.753	6.7	22.6
4 11	11 5.02	+ 8 27.8	2.896	3.743	9.3	22.8

2742 Gibson 3 10.9 111.°33 1.°1/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.23	+ 4 15.2	2.188	2.973	13.4	16.7
2 11	11 44.66	+ 4 53.2	2.104	2.979	10.5	16.6
2 21	11 39.11	+ 5 42.5	2.044	2.985	7.0	16.3
3 2	11 32.10	+ 6 38.8	2.010	2.991	3.3	16.1
3 12	11 24.36	+ 7 36.2	2.006	2.997	1.5	16.0
3 22	11 16.72	+ 8 28.9	2.030	3.003	5.0	16.2
4 1	11 10.01	+ 9 11.9	2.083	3.009	8.6	16.5
4 11	11 4.88	+ 9 41.8	2.160	3.015	11.8	16.7

306624 2000 QA_{62} 3 10.9 170.°19 2.°2/ 8.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.03	+ 6 55.6	2.570	3.352	11.7	21.3
2 11	11 45.00	+ 8 4.6	2.482	3.357	9.1	21.1
2 21	11 39.22	+ 9 23.2	2.419	3.361	6.0	20.9
3 2	11 32.12	+10 46.2	2.385	3.364	3.1	20.7
3 12	11 24.35	+12 7.2	2.382	3.367	2.6	20.7
3 22	11 16.65	+13 20.4	2.409	3.369	5.4	20.9
4 1	11 9.72	+14 20.7	2.466	3.370	8.4	21.1
4 11	11 4.18	+15 5.4	2.547	3.371	11.2	21.3

297107 2010 OY_{94} 3 10.9 215.°57 2.°3/ 8.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.04	+ 9 42.0	2.449	3.239	12.0	21.4
2 11	11 45.90	+10 11.4	2.358	3.236	9.3	21.2
2 21	11 39.89	+10 47.0	2.290	3.233	6.3	21.0
3 2	11 32.46	+11 24.4	2.251	3.229	3.3	20.8
3 12	11 24.32	+11 58.7	2.240	3.226	2.7	20.8
3 22	11 16.23	+12 25.3	2.260	3.222	5.5	21.0
4 1	11 8.99	+12 41.0	2.307	3.219	8.6	21.1
4 11	11 3.22	+12 43.7	2.379	3.215	11.5	21.3

209463 2004 GG_{47} 3 10.9 31.°16 1.°7/ 9.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.33	+ 6 28.1	1.953	2.751	14.3	20.8
2 11	11 44.95	+ 6 55.7	1.876	2.759	11.1	20.6
2 21	11 39.42	+ 7 33.2	1.821	2.766	7.5	20.4
3 2	11 32.27	+ 8 15.9	1.793	2.774	3.6	20.1
3 12	11 24.35	+ 8 57.8	1.792	2.782	2.1	20.0
3 22	11 16.58	+ 9 33.2	1.819	2.791	5.6	20.3
4 1	11 9.88	+ 9 57.6	1.874	2.800	9.4	20.5
4 11	11 4.94	+10 8.2	1.952	2.810	12.7	20.7

488738 2004 RM_{162} 3 10.9 255.°95 4.°0/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.41	− 8 20.5	1.886	2.620	17.0	22.6
2 11	11 49.57	− 8 34.4	1.765	2.596	14.3	22.3
2 21	11 43.07	− 8 28.2	1.664	2.572	10.9	22.0
3 2	11 34.30	− 8 0.9	1.587	2.546	7.1	21.8
3 12	11 24.07	− 7 14.1	1.537	2.520	4.2	21.5
3 22	11 13.48	− 6 12.4	1.515	2.493	5.6	21.5
4 1	11 3.77	− 5 3.3	1.520	2.465	9.7	21.7
4 11	10 56.03	− 3 55.5	1.551	2.436	13.9	21.9

67768 2000 UY_{66} 3 10.9 272.°75 1.°7/12.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.45	− 1 55.8	1.624	2.402	17.6	19.9
2 11	11 48.24	− 1 57.7	1.522	2.386	14.3	19.6
2 21	11 42.23	− 1 41.2	1.439	2.371	10.3	19.3
3 2	11 33.88	− 1 7.7	1.380	2.355	5.6	19.0
3 12	11 24.13	− 0 21.7	1.347	2.340	1.7	18.7
3 22	11 14.20	+ 0 30.3	1.342	2.324	5.5	18.9
4 1	11 5.40	+ 1 20.4	1.362	2.308	10.5	19.2
4 11	10 58.82	+ 2 1.3	1.406	2.292	15.0	19.4

140619 2001 UG_9 3 10.9 188.°46 3.°0/ 6.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.41	+13 1.2	2.892	3.682	10.4	21.3
2 11	11 45.10	+13 45.0	2.803	3.681	8.0	21.1
2 21	11 39.19	+14 32.5	2.740	3.680	5.5	21.0
3 2	11 32.08	+15 19.4	2.705	3.678	3.4	20.8
3 12	11 24.38	+16 0.9	2.700	3.676	3.4	20.8
3 22	11 16.73	+16 33.0	2.725	3.673	5.6	21.0
4 1	11 9.80	+16 52.9	2.779	3.670	8.1	21.1
4 11	11 4.14	+16 59.1	2.858	3.666	10.5	21.3

374105 2004 RJ_{339} 3 10.9 252.°73 3.°6/ 7.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.12	+12 49.3	2.094	2.890	13.5	20.9
2 11	11 49.55	+13 20.1	1.997	2.878	10.6	20.7
2 21	11 42.64	+13 56.0	1.924	2.866	7.4	20.4
3 2	11 33.90	+14 31.4	1.877	2.853	4.3	20.2
3 12	11 24.15	+15 0.1	1.859	2.840	4.1	20.2
3 22	11 14.41	+15 16.7	1.870	2.826	7.0	20.3
4 1	11 5.68	+15 17.8	1.909	2.812	10.6	20.5
4 11	10 58.81	+15 2.2	1.971	2.799	13.8	20.7

52687 1998 EO_{13} 3 10.9 212.°56 1.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.85	+ 7 28.9	2.462	3.243	12.2	19.5
2 11	11 47.28	+ 7 38.5	2.369	3.241	9.6	19.4
2 21	11 40.81	+ 7 54.5	2.299	3.239	6.4	19.2
3 2	11 32.91	+ 8 13.8	2.257	3.237	3.1	18.9
3 12	11 24.28	+ 8 32.1	2.244	3.235	1.6	18.8
3 22	11 15.72	+ 8 45.7	2.262	3.232	4.8	19.0
4 1	11 8.02	+ 8 51.4	2.308	3.230	8.1	19.2
4 11	11 1.81	+ 8 47.3	2.380	3.228	11.1	19.4

203808 2002 TV_{176} 3 10.9 146.°04 3.°0/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.80	− 8 8.2	2.662	3.379	12.9	20.9
2 11	11 45.54	− 8 17.1	2.567	3.387	10.7	20.8
2 21	11 39.56	− 8 11.7	2.493	3.395	8.0	20.6
3 2	11 32.29	− 7 52.4	2.446	3.402	5.2	20.4
3 12	11 24.36	− 7 21.3	2.428	3.409	3.1	20.3
3 22	11 16.48	− 6 42.0	2.439	3.415	4.0	20.4
4 1	11 9.36	− 5 58.9	2.480	3.421	6.6	20.5
4 11	11 3.60	− 5 16.8	2.548	3.427	9.3	20.7

370064 2001 BS_{46} 3 10.9 51.°93 3.°9/14.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.67	− 9 27.4	1.753	2.499	17.7	20.4
2 11	11 44.70	− 9 27.3	1.678	2.516	14.6	20.2
2 21	11 39.37	− 9 4.2	1.623	2.533	11.0	20.1
3 2	11 32.29	− 8 18.9	1.591	2.550	7.1	19.9
3 12	11 24.36	− 7 15.8	1.584	2.567	4.1	19.7
3 22	11 16.62	− 6 1.7	1.606	2.585	5.1	19.8
4 1	11 10.07	− 4 45.0	1.654	2.603	8.6	20.1
4 11	11 5.45	− 3 33.6	1.726	2.621	12.2	20.3

34238 2000 QU_{96} 3 10.9 164.°58 0.°8/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.36	+ 4 37.3	3.138	3.907	10.1	20.6
2 11	11 43.34	+ 5 11.3	3.046	3.912	7.9	20.4
2 21	11 37.91	+ 5 53.0	2.979	3.917	5.3	20.3
3 2	11 31.44	+ 6 39.2	2.941	3.921	2.5	20.1
3 12	11 24.47	+ 7 26.1	2.934	3.925	1.1	20.0
3 22	11 17.55	+ 8 10.0	2.957	3.929	3.7	20.2
4 1	11 11.26	+ 8 47.4	3.011	3.932	6.5	20.4
4 11	11 6.06	+ 9 15.7	3.091	3.934	8.9	20.5

330122 2005 YJ_{25} 3 10.9 135.°15 0.°7/10.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.07	+ 2 48.0	2.242	3.017	13.4	21.9
2 11	11 46.01	+ 3 23.9	2.159	3.027	10.5	21.7
2 21	11 39.99	+ 4 11.7	2.099	3.037	7.1	21.5
3 2	11 32.52	+ 5 7.3	2.066	3.047	3.3	21.3
3 12	11 24.34	+ 6 5.3	2.063	3.056	1.0	21.2
3 22	11 16.28	+ 7 0.0	2.090	3.065	4.7	21.4
4 1	11 9.16	+ 7 46.2	2.145	3.073	8.3	21.7
4 11	11 3.63	+ 8 20.2	2.225	3.081	11.4	21.9

273729 2007 EB_{98} 3 10.9 37.°07 0.°7/10.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.28	+ 1 46.5	1.746	2.539	15.9	21.3
2 11	11 44.47	+ 2 30.1	1.664	2.543	12.5	21.1
2 21	11 39.30	+ 3 30.4	1.604	2.546	8.5	20.8
3 2	11 32.30	+ 4 42.7	1.569	2.550	4.0	20.6
3 12	11 24.37	+ 5 59.3	1.561	2.554	1.1	20.4
3 22	11 16.54	+ 7 12.1	1.581	2.558	5.6	20.7
4 1	11 9.85	+ 8 13.7	1.628	2.562	10.0	20.9
4 11	11 5.08	+ 8 58.9	1.698	2.566	13.8	21.2

81095 2000 EK_{105} 3 10.9 214.°02 5.°6/ 5.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.43	+16 33.1	1.952	2.761	13.9	19.4
2 11	11 48.37	+17 41.1	1.871	2.757	11.0	19.1
2 21	11 41.89	+18 53.2	1.814	2.753	7.9	19.0
3 2	11 33.54	+20 1.4	1.783	2.748	5.8	18.8
3 12	11 24.22	+20 57.2	1.780	2.743	6.3	18.8
3 22	11 15.00	+21 34.1	1.804	2.738	9.0	19.0
4 1	11 6.91	+21 48.5	1.854	2.732	12.2	19.2
4 11	11 0.79	+21 40.2	1.925	2.726	15.1	19.3

120895 1998 ST_{14} 3 10.9 186.°98 1.°4/ 9.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.91	+ 4 2.8	1.967	2.746	14.9	20.9
2 11	11 49.45	+ 4 48.0	1.875	2.747	11.7	20.7
2 21	11 42.60	+ 5 46.8	1.806	2.746	7.9	20.4
3 2	11 33.89	+ 6 54.5	1.763	2.744	3.7	20.2
3 12	11 24.18	+ 8 4.0	1.750	2.741	1.8	20.0
3 22	11 14.51	+ 9 8.0	1.766	2.738	5.8	20.3
4 1	11 5.92	+10 0.2	1.811	2.733	9.9	20.5
4 11	10 59.23	+10 36.4	1.879	2.728	13.5	20.7

69114 2003 DV_{17} 3 10.9 75.°22 5.°4/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.58	+16 27.2	2.313	3.127	11.9	18.7
2 11	11 42.59	+18 14.5	2.244	3.133	9.3	18.6
2 21	11 37.73	+20 5.9	2.202	3.140	6.8	18.4
3 2	11 31.45	+21 53.3	2.187	3.147	5.4	18.3
3 12	11 24.48	+23 28.3	2.202	3.153	6.2	18.4
3 22	11 17.60	+24 44.5	2.245	3.160	8.5	18.5
4 1	11 11.59	+25 38.1	2.314	3.167	11.0	18.7
4 11	11 7.09	+26 8.2	2.405	3.174	13.3	18.9

378 Holmia 3 10.9 131.°38 2.°9/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.81	− 8 2.5	2.281	3.011	14.5	14.8
2 11	11 45.07	− 7 54.8	2.190	3.021	11.9	14.6
2 21	11 39.39	− 7 29.3	2.121	3.030	8.8	14.4
3 2	11 32.26	− 6 47.2	2.077	3.038	5.5	14.2
3 12	11 24.39	− 5 51.9	2.062	3.047	3.0	14.1
3 22	11 16.60	− 4 48.5	2.075	3.055	4.2	14.2
4 1	11 9.70	− 3 43.1	2.118	3.062	7.3	14.4
4 11	11 4.34	− 2 41.8	2.186	3.069	10.5	14.6

492423 2014 LU_{13} 3 10.9 209.°84 1.°1/11.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.27	− 2 10.8	2.094	2.848	14.9	23.0
2 11	11 48.90	− 1 52.4	1.989	2.841	12.0	22.8
2 21	11 42.23	− 1 17.7	1.906	2.833	8.5	22.5
3 2	11 33.74	− 0 29.0	1.849	2.823	4.5	22.3
3 12	11 24.21	+ 0 29.3	1.821	2.813	1.1	22.0
3 22	11 14.60	+ 1 31.0	1.822	2.802	4.6	22.2
4 1	11 5.93	+ 2 29.7	1.853	2.790	8.7	22.5
4 11	10 59.03	+ 3 19.4	1.909	2.778	12.5	22.7

297792 2001 YY_{30} 3 10.9 118.°89 2.°2/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.58	+ 6 9.6	1.706	2.500	16.2	21.6
2 11	11 50.10	+ 6 56.5	1.636	2.516	12.6	21.4
2 21	11 43.05	+ 7 55.8	1.588	2.531	8.5	21.2
3 2	11 34.06	+ 9 1.1	1.566	2.546	4.1	21.0
3 12	11 24.18	+10 4.3	1.572	2.561	2.7	20.9
3 22	11 14.57	+10 57.8	1.606	2.575	6.6	21.2
4 1	11 6.33	+11 36.1	1.667	2.588	10.7	21.4
4 11	11 0.27	+11 56.2	1.751	2.600	14.3	21.7

417531 2006 TR_{50} 3 10.9 113.°42 2.°4/ 8.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.33	+ 8 20.8	2.080	2.867	13.9	22.6
2 11	11 49.36	+ 9 4.9	2.012	2.889	10.8	22.4
2 21	11 42.25	+ 9 57.0	1.968	2.910	7.2	22.2
3 2	11 33.59	+10 51.7	1.951	2.930	3.7	22.0
3 12	11 24.25	+11 42.4	1.963	2.950	2.8	22.0
3 22	11 15.18	+12 23.5	2.005	2.969	6.0	22.2
4 1	11 7.26	+12 51.0	2.075	2.987	9.4	22.5
4 11	11 1.18	+13 3.1	2.169	3.004	12.5	22.7

458789 2011 SL_{135} 3 10.9 116.°91 0.°2/10.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.58	+ 0 36.6	1.829	2.603	16.1	22.8
2 11	11 49.12	+ 1 16.7	1.756	2.623	12.6	22.6
2 21	11 42.27	+ 2 12.8	1.706	2.642	8.6	22.4
3 2	11 33.66	+ 3 20.4	1.681	2.661	4.1	22.1
3 12	11 24.24	+ 4 32.5	1.685	2.678	0.6	21.9
3 22	11 15.06	+ 5 41.3	1.718	2.696	5.2	22.3
4 1	11 7.14	+ 6 40.3	1.779	2.712	9.4	22.5
4 11	11 1.23	+ 7 24.6	1.865	2.728	13.0	22.8

323454 2004 HL_{55} 3 10.9 266.°71 2.°9/13.2 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.31	− 4 28.4	2.095	2.838	15.3	20.8
2 11	11 49.94	− 4 52.4	1.974	2.814	12.6	20.6
2 21	11 43.13	− 5 2.3	1.873	2.789	9.4	20.3
3 2	11 34.28	− 4 58.0	1.798	2.764	5.7	20.0
3 12	11 24.14	− 4 41.0	1.751	2.738	2.9	19.8
3 22	11 13.70	− 4 15.0	1.733	2.712	4.9	19.9
4 1	11 4.07	− 3 44.9	1.744	2.686	8.9	20.1
4 11	10 56.21	− 3 16.3	1.780	2.658	12.7	20.2

129816 1999 NC_{23} 3 10.9 199.°42 0.°9/11.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.19	− 1 44.3	2.158	2.914	14.5	21.1
2 11	11 47.93	− 1 22.4	2.057	2.911	11.6	20.9
2 21	11 41.49	− 0 45.1	1.978	2.906	8.2	20.7
3 2	11 33.35	+ 0 5.4	1.925	2.901	4.2	20.4
3 12	11 24.27	+ 1 4.3	1.902	2.895	0.9	20.1
3 22	11 15.16	+ 2 5.7	1.908	2.888	4.4	20.4
4 1	11 6.98	+ 3 3.3	1.943	2.880	8.4	20.6
4 11	11 0.48	+ 3 51.7	2.004	2.872	12.0	20.8

40611 1999 RS_{160} 3 10.9 247.°85 1.°7/ 9.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.41	+ 5 13.4	1.898	2.686	15.0	19.6
2 11	11 48.55	+ 5 49.5	1.794	2.670	11.9	19.3
2 21	11 42.19	+ 6 38.7	1.711	2.653	8.1	19.1
3 2	11 33.80	+ 7 36.7	1.655	2.636	3.9	18.8
3 12	11 24.21	+ 8 36.5	1.627	2.618	2.1	18.6
3 22	11 14.50	+ 9 31.1	1.628	2.599	6.2	18.8
4 1	11 5.77	+10 13.8	1.656	2.580	10.5	19.0
4 11	10 58.99	+10 40.3	1.708	2.561	14.4	19.2

275690 2000 SO_{157} 3 10.9 209.°34 4.°2/15.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.86	−12 16.3	2.742	3.429	13.2	21.4
2 11	11 47.28	−12 34.0	2.626	3.421	11.2	21.3
2 21	11 40.86	−12 36.0	2.532	3.412	8.8	21.1
3 2	11 33.00	−12 21.5	2.464	3.403	6.3	20.9
3 12	11 24.32	−11 51.7	2.424	3.392	4.4	20.8
3 22	11 15.55	−11 9.3	2.413	3.381	4.7	20.8
4 1	11 7.46	−10 18.9	2.433	3.370	7.0	20.9
4 11	11 0.71	− 9 25.9	2.480	3.357	9.6	21.0

131776 2002 AM_{20} 3 10.9 303.°06 2.°8/ 8.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.94	+ 5 2.2	1.426	2.243	17.7	19.4
2 11	11 44.94	+ 6 9.6	1.339	2.233	13.9	19.1
2 21	11 40.08	+ 7 36.8	1.272	2.222	9.4	18.8
3 2	11 32.87	+ 9 16.6	1.230	2.212	4.6	18.5
3 12	11 24.32	+10 57.9	1.214	2.202	3.5	18.4
3 22	11 15.74	+12 28.8	1.223	2.193	8.1	18.6
4 1	11 8.46	+13 39.4	1.258	2.183	13.0	18.9
4 11	11 3.54	+14 24.1	1.313	2.174	17.4	19.1

272802 2006 AV_{14} 3 10.9 57.°23 4.°0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.82	+10 11.8	1.764	2.578	15.0	20.2
2 11	11 44.81	+11 28.0	1.697	2.589	11.5	20.0
2 21	11 39.46	+12 53.9	1.652	2.599	7.8	19.8
3 2	11 32.35	+14 21.5	1.633	2.610	4.6	19.6
3 12	11 24.41	+15 41.5	1.642	2.622	4.7	19.7
3 22	11 16.66	+16 45.9	1.679	2.633	7.9	19.9
4 1	11 10.11	+17 29.5	1.741	2.644	11.4	20.1
4 11	11 5.49	+17 50.6	1.825	2.656	14.6	20.3

241226 2007 TX_{120} 3 10.9 190.°25 3.°5/ 7.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.71	+13 26.1	2.443	3.239	11.8	21.3
2 11	11 46.44	+14 6.5	2.358	3.238	9.2	21.1
2 21	11 40.27	+14 50.9	2.296	3.238	6.4	20.9
3 2	11 32.67	+15 34.1	2.263	3.237	3.9	20.8
3 12	11 24.38	+16 10.7	2.259	3.235	3.9	20.8
3 22	11 16.17	+16 36.0	2.284	3.234	6.4	20.9
4 1	11 8.84	+16 47.2	2.337	3.232	9.3	21.1
4 11	11 3.03	+16 43.1	2.414	3.230	11.9	21.3

198974 2005 VN_4 3 10.9 200.°41 1.°4/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.00	+ 3 43.5	1.707	2.497	16.4	21.0
2 11	11 49.15	+ 4 26.3	1.617	2.494	12.9	20.8
2 21	11 42.64	+ 5 24.9	1.549	2.491	8.8	20.5
3 2	11 34.00	+ 6 34.2	1.506	2.487	4.1	20.2
3 12	11 24.21	+ 7 46.4	1.491	2.483	1.8	20.1
3 22	11 14.43	+ 8 52.9	1.504	2.477	6.3	20.3
4 1	11 5.87	+ 9 46.4	1.544	2.471	10.9	20.6
4 11	10 59.46	+10 22.0	1.607	2.465	14.9	20.8

417680 2007 AO_{28} 3 10.9 76.°20 0.°1/10.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.18	+ 1 10.7	1.743	2.529	16.3	21.6
2 11	11 46.65	+ 1 38.4	1.668	2.541	12.8	21.4
2 21	11 40.72	+ 2 21.9	1.615	2.554	8.7	21.2
3 2	11 32.97	+ 3 16.9	1.586	2.566	4.2	20.9
3 12	11 24.35	+ 4 16.9	1.586	2.579	0.6	20.7
3 22	11 15.93	+ 5 14.5	1.613	2.592	5.2	21.0
4 1	11 8.73	+ 6 3.3	1.667	2.604	9.5	21.3
4 11	11 3.52	+ 6 38.4	1.745	2.617	13.3	21.6

254062 2004 HB_{17} 3 10.9 5.°75 0.°7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.68	+ 3 30.1	1.491	2.296	17.7	20.2
2 11	11 46.82	+ 3 44.4	1.411	2.296	14.0	19.9
2 21	11 41.17	+ 4 13.9	1.351	2.296	9.5	19.7
3 2	11 33.31	+ 4 54.3	1.316	2.297	4.5	19.4
3 12	11 24.31	+ 5 38.5	1.306	2.299	1.1	19.2
3 22	11 15.43	+ 6 19.3	1.322	2.301	6.2	19.5
4 1	11 7.90	+ 6 49.7	1.364	2.303	11.0	19.8
4 11	11 2.69	+ 7 5.2	1.428	2.307	15.2	20.0

468293 2015 DF_{173} 3 10.9 61.°39 3.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.94	−11 11.1	2.041	2.769	16.0	20.6
2 11	11 43.17	−10 55.3	1.945	2.770	13.4	20.4
2 21	11 38.32	−10 16.6	1.868	2.771	10.2	20.2
3 2	11 31.83	− 9 15.6	1.816	2.771	6.8	20.0
3 12	11 24.49	− 7 56.0	1.791	2.772	4.0	19.8
3 22	11 17.17	− 6 24.2	1.794	2.773	4.8	19.9
4 1	11 10.78	− 4 48.6	1.825	2.774	8.0	20.1
4 11	11 6.06	− 3 17.4	1.882	2.774	11.5	20.3

293431 2007 ET_{142} 3 10.9 80.°12 2.°4/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.39	− 4 45.9	1.377	2.157	20.1	21.1
2 11	11 48.32	− 4 38.9	1.303	2.167	16.3	20.8
2 21	11 42.26	− 4 7.4	1.248	2.178	11.7	20.6
3 2	11 33.85	− 3 13.5	1.215	2.188	6.6	20.3
3 12	11 24.26	− 2 3.7	1.208	2.199	2.5	20.1
3 22	11 14.86	− 0 47.1	1.226	2.209	5.7	20.3
4 1	11 7.01	+ 0 26.0	1.270	2.220	10.7	20.6
4 11	11 1.67	+ 1 27.1	1.337	2.230	15.1	20.9

304656 2006 WW_{27} 3 10.9 227.°37 5.°7/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.76	+22 0.4	2.676	3.478	10.8	20.8
2 11	11 45.64	+23 3.1	2.596	3.472	8.7	20.7
2 21	11 39.71	+24 4.9	2.540	3.466	6.7	20.5
3 2	11 32.41	+24 59.6	2.512	3.459	5.7	20.5
3 12	11 24.43	+25 41.4	2.512	3.452	6.3	20.5
3 22	11 16.52	+26 6.2	2.541	3.445	8.1	20.6
4 1	11 9.44	+26 11.8	2.595	3.437	10.3	20.7
4 11	11 3.79	+25 58.4	2.672	3.430	12.4	20.9

206222 2002 VF_{66} 3 10.9 328.°00 20.°8/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 8.77	+44 22.2	1.100	1.901	22.9	18.8
2 11	12 4.39	+46 40.1	1.066	1.898	21.5	18.7
2 21	11 54.37	+48 30.0	1.047	1.894	20.9	18.6
3 2	11 39.90	+49 30.9	1.044	1.891	21.1	18.6
3 12	11 23.57	+49 28.4	1.058	1.888	22.3	18.7
3 22	11 8.43	+48 20.1	1.087	1.885	24.1	18.8
4 1	10 56.95	+46 14.2	1.131	1.883	26.1	18.9
4 11	10 50.30	+43 25.0	1.186	1.881	28.0	19.1

353438 2011 QJ_{67} 3 10.9 211.°03 0.°8/ 9.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.22	+ 3 2.4	2.840	3.611	11.0	22.0
2 11	11 42.72	+ 3 50.8	2.738	3.605	8.6	21.9
2 21	11 37.66	+ 4 49.7	2.660	3.598	5.8	21.7
3 2	11 31.42	+ 5 55.7	2.611	3.591	2.7	21.4
3 12	11 24.55	+ 7 4.0	2.592	3.584	1.1	21.3
3 22	11 17.68	+ 8 9.7	2.604	3.577	4.1	21.5
4 1	11 11.44	+ 9 8.0	2.646	3.569	7.2	21.7
4 11	11 6.38	+ 9 55.3	2.714	3.560	9.9	21.9

458775 2011 SK_{97} 3 10.9 180.°03 3.°2/ 7.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.72	+ 9 0.3	2.035	2.826	14.1	22.2
2 11	11 49.22	+10 6.7	1.949	2.828	10.9	22.0
2 21	11 42.40	+11 23.4	1.887	2.830	7.4	21.8
3 2	11 33.80	+12 43.7	1.853	2.830	4.1	21.6
3 12	11 24.27	+13 59.5	1.847	2.830	3.7	21.5
3 22	11 14.82	+15 3.4	1.872	2.828	7.0	21.7
4 1	11 6.43	+15 50.2	1.924	2.826	10.6	21.9
4 11	10 59.91	+16 17.3	1.999	2.823	13.8	22.1

101458 1998 WJ_6 3 10.9 114.°69 1.°9/ 9.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 53.98	+ 6 33.9	2.143	2.924	13.8	20.7
2 11	11 49.03	+ 7 18.3	2.074	2.947	10.7	20.5
2 21	11 42.01	+ 8 11.9	2.029	2.969	7.1	20.3
3 2	11 33.49	+ 9 9.6	2.011	2.991	3.4	20.1
3 12	11 24.32	+10 5.1	2.023	3.012	2.3	20.1
3 22	11 15.40	+10 52.5	2.065	3.032	5.5	20.3
4 1	11 7.60	+11 27.7	2.135	3.051	9.0	20.6
4 11	11 1.55	+11 48.3	2.230	3.070	12.0	20.8

505158 2012 QM_{49} 3 10.9 196.°22 2.°7/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.72	− 9 5.8	2.775	3.489	12.5	22.1
2 11	11 43.95	− 8 51.1	2.667	3.486	10.4	21.9
2 21	11 38.53	− 8 20.5	2.581	3.482	7.8	21.7
3 2	11 31.85	− 7 34.8	2.521	3.478	5.0	21.5
3 12	11 24.50	− 6 36.8	2.491	3.473	2.9	21.4
3 22	11 17.15	− 5 30.7	2.490	3.468	3.7	21.4
4 1	11 10.45	− 4 21.7	2.520	3.463	6.4	21.6
4 11	11 5.01	− 3 15.3	2.577	3.456	9.2	21.8

421268 2013 SK_{69} 3 10.9 348.°14 1.°0/ 9.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.26	+ 3 18.6	1.818	2.611	15.4	21.0
2 11	11 45.20	+ 3 55.5	1.731	2.610	12.1	20.8
2 21	11 39.80	+ 4 46.9	1.667	2.610	8.2	20.6
3 2	11 32.58	+ 5 48.3	1.628	2.609	3.8	20.3
3 12	11 24.42	+ 6 52.7	1.616	2.608	1.4	20.1
3 22	11 16.31	+ 7 52.8	1.633	2.608	5.7	20.4
4 1	11 9.29	+ 8 42.0	1.676	2.608	9.9	20.6
4 11	11 4.16	+ 9 15.7	1.742	2.607	13.6	20.9

69311 Russ 3 10.9 189.°28 7.°5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	12 1.69	+26 42.1	2.382	3.166	12.5	20.5
2 11	11 55.19	+27 47.9	2.307	3.165	10.3	20.4
2 21	11 46.31	+28 49.2	2.255	3.163	8.4	20.2
3 2	11 35.62	+29 37.6	2.232	3.160	7.5	20.2
3 12	11 24.08	+30 6.2	2.237	3.156	8.2	20.2
3 22	11 12.73	+30 10.9	2.270	3.151	10.0	20.3
4 1	11 2.61	+29 51.0	2.329	3.145	12.2	20.5
4 11	10 54.49	+29 8.8	2.411	3.139	14.4	20.6

435950 2009 DL_{10} 3 10.9 349.°62 3.°2/ 6.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 43.14	+ 4 58.3	1.986	2.789	13.9	20.5
2 11	11 41.05	+ 7 1.3	1.898	2.786	10.7	20.3
2 21	11 36.91	+ 9 22.3	1.835	2.783	7.1	20.1
3 2	11 31.18	+11 52.8	1.801	2.780	3.8	19.9
3 12	11 24.59	+14 21.5	1.797	2.778	3.9	19.9
3 22	11 18.01	+16 37.5	1.823	2.777	7.3	20.1
4 1	11 12.33	+18 32.0	1.877	2.775	11.0	20.3
4 11	11 8.27	+20 0.0	1.954	2.775	14.2	20.5

204944 2008 UM_{279} 3 10.9 106.°83 0.°3/11.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.44	+ 0 6.1	2.134	2.906	14.1	21.0
2 11	11 44.91	+ 0 30.5	2.047	2.912	11.2	20.8
2 21	11 39.37	+ 1 8.8	1.983	2.918	7.7	20.6
3 2	11 32.30	+ 1 57.9	1.945	2.923	3.8	20.3
3 12	11 24.47	+ 2 52.8	1.936	2.929	0.4	20.1
3 22	11 16.72	+ 3 47.7	1.955	2.935	4.4	20.4
4 1	11 9.92	+ 4 36.8	2.003	2.940	8.2	20.6
4 11	11 4.73	+ 5 15.6	2.076	2.946	11.5	20.8

265707 2005 UA_{213} 3 10.9 115.°87 1.°3/ 9.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.66	+ 4 46.3	1.971	2.759	14.6	21.5
2 11	11 46.80	+ 5 19.0	1.890	2.766	11.4	21.3
2 21	11 40.72	+ 6 3.4	1.832	2.774	7.7	21.1
3 2	11 32.97	+ 6 54.8	1.800	2.781	3.6	20.8
3 12	11 24.39	+ 7 47.0	1.796	2.787	1.6	20.7
3 22	11 15.96	+ 8 33.9	1.821	2.794	5.4	21.0
4 1	11 8.59	+ 9 10.1	1.873	2.801	9.3	21.2
4 11	11 3.04	+ 9 32.3	1.950	2.807	12.8	21.4

259189 2003 AR_{29} 3 10.9 39.°90 3.°4/13.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 50.36	− 5 38.4	1.332	2.114	20.6	20.3
2 11	11 47.38	− 5 53.0	1.274	2.137	16.7	20.1
2 21	11 41.47	− 5 43.7	1.234	2.161	12.1	19.9
3 2	11 33.39	− 5 11.9	1.216	2.186	7.2	19.7
3 12	11 24.35	− 4 23.1	1.223	2.211	3.5	19.5
3 22	11 15.71	− 3 25.3	1.255	2.237	5.7	19.7
4 1	11 8.69	− 2 27.9	1.312	2.264	10.1	20.0
4 11	11 4.14	− 1 38.7	1.392	2.291	14.2	20.3

109438 2001 QR_{199} 3 10.9 173.°04 2.°2/13.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.62	− 6 32.7	2.839	3.565	12.0	20.2
2 11	11 43.78	− 6 25.1	2.738	3.567	9.8	20.0
2 21	11 38.36	− 6 4.0	2.660	3.569	7.2	19.8
3 2	11 31.76	− 5 30.3	2.608	3.571	4.4	19.6
3 12	11 24.54	− 4 46.9	2.586	3.572	2.3	19.5
3 22	11 17.34	− 3 57.5	2.594	3.573	3.5	19.6
4 1	11 10.81	− 3 6.5	2.631	3.573	6.2	19.7
4 11	11 5.50	− 2 18.5	2.696	3.573	8.9	19.9

415441 2013 SQ_{43} 3 10.9 156.°46 3.°4/ 7.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.30	+10 16.3	2.070	2.872	13.5	20.8
2 11	11 45.69	+11 16.4	1.989	2.874	10.5	20.6
2 21	11 39.96	+12 24.9	1.932	2.877	7.1	20.3
3 2	11 32.61	+13 35.4	1.902	2.879	4.0	20.2
3 12	11 24.45	+14 40.5	1.900	2.881	3.9	20.2
3 22	11 16.39	+15 33.6	1.927	2.883	6.9	20.3
4 1	11 9.33	+16 10.2	1.981	2.884	10.2	20.5
4 11	11 3.99	+16 28.1	2.058	2.886	13.3	20.7

265737 2005 UT_{498} 3 10.9 103.°18 3.°6/ 7.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.56	+ 9 30.6	1.969	2.771	14.0	21.3
2 11	11 45.89	+10 49.0	1.901	2.787	10.8	21.1
2 21	11 40.06	+12 16.8	1.857	2.802	7.3	20.9
3 2	11 32.63	+13 46.5	1.840	2.817	4.2	20.7
3 12	11 24.45	+15 9.4	1.852	2.832	4.1	20.8
3 22	11 16.47	+16 18.4	1.892	2.846	7.2	21.0
4 1	11 9.60	+17 8.5	1.960	2.860	10.5	21.2
4 11	11 4.52	+17 37.6	2.050	2.874	13.5	21.4

430366 2014 BR_{18} 3 10.9 164.°87 3.°2/14.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.24	− 8 9.4	2.552	3.273	13.3	21.4
2 11	11 45.26	− 8 23.9	2.452	3.275	11.0	21.2
2 21	11 39.49	− 8 23.8	2.375	3.276	8.3	21.0
3 2	11 32.35	− 8 9.2	2.323	3.278	5.5	20.9
3 12	11 24.48	− 7 42.2	2.299	3.280	3.3	20.7
3 22	11 16.63	− 7 6.2	2.305	3.281	4.2	20.8
4 1	11 9.53	− 6 25.6	2.339	3.282	6.9	20.9
4 11	11 3.83	− 5 45.3	2.401	3.283	9.7	21.1

108848 2001 OF_{92} 3 10.9 230.°81 1.°7/ 8.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.59	+ 6 49.6	2.438	3.224	12.2	20.7
2 11	11 44.86	+ 7 26.8	2.341	3.217	9.5	20.5
2 21	11 39.27	+ 8 12.8	2.267	3.209	6.4	20.3
3 2	11 32.26	+ 9 3.5	2.221	3.202	3.1	20.1
3 12	11 24.49	+ 9 53.7	2.205	3.194	2.1	20.0
3 22	11 16.73	+10 38.2	2.218	3.186	5.1	20.2
4 1	11 9.76	+11 12.6	2.260	3.178	8.4	20.4
4 11	11 4.22	+11 34.1	2.326	3.169	11.5	20.5

501459 2014 AL_{47} 3 10.9 17.°65 0.°6/10.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.43	+ 3 12.2	2.004	2.793	14.3	21.5
2 11	11 44.27	+ 3 33.5	1.920	2.796	11.3	21.2
2 21	11 39.01	+ 4 7.0	1.858	2.799	7.6	21.0
3 2	11 32.16	+ 4 48.8	1.822	2.803	3.6	20.8
3 12	11 24.51	+ 5 33.7	1.814	2.807	0.9	20.6
3 22	11 16.95	+ 6 15.9	1.835	2.812	4.9	20.9
4 1	11 10.39	+ 6 50.1	1.882	2.817	8.8	21.1
4 11	11 5.51	+ 7 12.6	1.954	2.822	12.2	21.3

522751 2016 MP_4 3 10.9 248.°70 2.°3/13.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.74	− 7 0.4	2.544	3.279	13.0	22.1
2 11	11 42.60	− 6 42.8	2.435	3.270	10.7	21.9
2 21	11 37.74	− 6 8.8	2.349	3.262	7.9	21.7
3 2	11 31.53	− 5 19.8	2.289	3.253	4.8	21.5
3 12	11 24.58	− 4 18.9	2.257	3.244	2.4	21.3
3 22	11 17.61	− 3 10.9	2.254	3.235	3.8	21.4
4 1	11 11.33	− 2 1.6	2.281	3.226	6.9	21.5
4 11	11 6.36	− 0 56.5	2.335	3.216	10.0	21.7

435944 2009 CH_{52} 3 10.9 104.°31 2.°4/ 7.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 46.16	+ 7 22.8	2.283	3.079	12.6	21.2
2 11	11 43.03	+ 8 28.1	2.201	3.083	9.7	21.0
2 21	11 38.04	+ 9 43.4	2.142	3.087	6.5	20.8
3 2	11 31.66	+11 3.2	2.111	3.091	3.3	20.6
3 12	11 24.58	+12 20.5	2.110	3.095	2.9	20.6
3 22	11 17.58	+13 28.9	2.137	3.099	5.8	20.8
4 1	11 11.43	+14 23.4	2.193	3.102	9.1	21.0
4 11	11 6.76	+15 1.0	2.272	3.106	12.0	21.2

247347 2001 VV_{16} 3 10.9 196.°40 7.°2/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 49.58	−25 40.2	3.140	3.726	13.3	21.2
2 11	11 45.42	−26 20.8	3.028	3.723	12.0	21.1
2 21	11 39.57	−26 43.2	2.934	3.719	10.4	21.0
3 2	11 32.41	−26 45.0	2.862	3.715	8.9	20.8
3 12	11 24.50	−26 25.6	2.815	3.710	7.6	20.7
3 22	11 16.52	−25 46.1	2.795	3.705	7.2	20.7
4 1	11 9.17	−24 50.0	2.802	3.700	7.8	20.7
4 11	11 3.05	−23 42.7	2.835	3.694	9.2	20.8

465940 2011 AB_{30} 3 10.9 33.°93 3.°3/13.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 51.08	− 5 27.1	1.761	2.518	17.2	21.1
2 11	11 47.53	− 5 48.9	1.673	2.521	14.1	20.9
2 21	11 41.48	− 5 52.6	1.605	2.524	10.4	20.7
3 2	11 33.45	− 5 38.6	1.561	2.527	6.4	20.5
3 12	11 24.38	− 5 9.7	1.543	2.530	3.4	20.3
3 22	11 15.36	− 4 30.9	1.553	2.534	5.1	20.4
4 1	11 7.49	− 3 48.9	1.590	2.537	9.1	20.6
4 11	11 1.65	− 3 10.3	1.651	2.541	12.9	20.9

104320 2000 FP_2 3 10.9 209.°32 0.°4/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.97	+ 2 29.2	1.920	2.694	15.4	20.8
2 11	11 50.46	+ 2 50.3	1.821	2.688	12.2	20.6
2 21	11 43.44	+ 3 25.2	1.744	2.681	8.4	20.3
3 2	11 34.41	+ 4 10.4	1.693	2.673	4.0	20.0
3 12	11 24.27	+ 5 0.3	1.671	2.664	0.8	19.8
3 22	11 14.09	+ 5 48.4	1.678	2.655	5.4	20.1
4 1	11 4.97	+ 6 28.5	1.713	2.644	9.8	20.3
4 11	10 57.83	+ 6 56.1	1.772	2.633	13.6	20.5

264249 4539 P–L 3 10.9 113.°85 0.°9/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 54.51	+ 4 37.4	2.021	2.799	14.6	20.7
2 11	11 49.65	+ 4 57.9	1.946	2.816	11.4	20.5
2 21	11 42.56	+ 5 28.9	1.894	2.833	7.7	20.3
3 2	11 33.84	+ 6 6.2	1.868	2.849	3.6	20.1
3 12	11 24.36	+ 6 44.5	1.872	2.864	1.3	19.9
3 22	11 15.11	+ 7 18.3	1.905	2.879	5.1	20.2
4 1	11 7.02	+ 7 43.2	1.966	2.894	8.9	20.5
4 11	11 0.78	+ 7 56.4	2.052	2.908	12.3	20.7

460443 2014 SV_{183} 3 10.9 13.°89 5.°4/ 6.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 52.69	+13 41.7	1.436	2.259	17.3	20.7
2 11	11 49.33	+14 31.6	1.365	2.261	13.5	20.4
2 21	11 42.95	+15 28.5	1.315	2.262	9.4	20.2
3 2	11 34.22	+16 23.3	1.289	2.264	6.0	20.0
3 12	11 24.32	+17 6.3	1.289	2.266	6.0	20.0
3 22	11 14.65	+17 29.7	1.314	2.269	9.5	20.2
4 1	11 6.54	+17 29.6	1.364	2.272	13.6	20.4
4 11	11 0.97	+17 5.9	1.433	2.275	17.3	20.7

326279 1996 RE_7 3 10.9 209.°60 0.°1/11.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 48.08	− 1 21.1	2.309	3.071	13.5	21.4
2 11	11 44.60	− 0 29.3	2.206	3.065	10.7	21.2
2 21	11 39.19	+ 0 39.0	2.127	3.059	7.4	21.0
3 2	11 32.28	+ 2 0.3	2.074	3.052	3.6	20.8
3 12	11 24.54	+ 3 28.9	2.051	3.045	0.4	20.5
3 22	11 16.78	+ 4 57.8	2.059	3.037	4.4	20.8
4 1	11 9.82	+ 6 20.1	2.096	3.029	8.2	21.0
4 11	11 4.35	+ 7 30.1	2.159	3.020	11.5	21.2

115766 2003 UG_{207} 3 10.9 171.°08 4.°6/16.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 47.65	−13 43.4	2.390	3.088	14.7	20.4
2 11	11 44.22	−13 49.1	2.290	3.090	12.5	20.2
2 21	11 38.90	−13 35.1	2.210	3.091	9.8	20.0
3 2	11 32.12	−13 0.9	2.154	3.092	7.1	19.8
3 12	11 24.56	−12 8.5	2.124	3.093	4.9	19.7
3 22	11 17.02	−11 2.2	2.124	3.094	5.1	19.7
4 1	11 10.27	− 9 47.9	2.152	3.094	7.4	19.9
4 11	11 5.01	− 8 32.5	2.206	3.095	10.2	20.0

203467 2001 YR_{151} 3 10.9 190.°77 0.°6/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 55.38	− 0 18.9	2.153	2.908	14.5	21.1
2 11	11 50.44	− 0 5.1	2.053	2.907	11.6	20.9
2 21	11 43.24	+ 0 22.5	1.976	2.905	8.1	20.7
3 2	11 34.26	+ 1 1.4	1.925	2.902	4.1	20.4
3 12	11 24.32	+ 1 47.4	1.904	2.898	0.7	20.1
3 22	11 14.37	+ 2 34.8	1.913	2.892	4.5	20.4
4 1	11 5.39	+ 3 18.1	1.952	2.886	8.5	20.6
4 11	10 58.19	+ 3 52.5	2.016	2.879	12.1	20.8

348863 2006 SQ_{138} 3 10.9 182.°16 0.°4/11.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 1	11 45.80	− 2 1.8	3.083	3.830	10.7	22.0
2 11	11 42.25	− 1 16.3	2.981	3.830	8.5	21.9
2 21	11 37.27	− 0 18.6	2.904	3.831	5.9	21.7
3 2	11 31.24	+ 0 48.6	2.854	3.830	3.0	21.5
3 12	11 24.67	+ 2 1.4	2.836	3.830	0.4	21.3
3 22	11 18.12	+ 3 15.1	2.849	3.828	3.2	21.5
4 1	11 12.16	+ 4 24.9	2.893	3.827	6.1	21.7
4 11	11 7.28	+ 5 26.7	2.964	3.824	8.8	21.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471183	2010 LE_{61}		3 10.9	278.°71	6.°1/ 3.4	16
	h m	° ′			°	m
2 1	11 50.03	+20 44.2	2.406	3.212	11.7	21.9
2 11	11 46.25	+21 55.4	2.308	3.188	9.4	21.7
2 21	11 40.40	+23 8.1	2.235	3.164	7.3	21.5
3 2	11 32.90	+24 15.2	2.188	3.140	6.1	21.4
3 12	11 24.47	+25 9.5	2.170	3.115	6.8	21.4
3 22	11 15.97	+25 45.3	2.180	3.090	9.0	21.4
4 1	11 8.28	+25 59.3	2.215	3.064	11.6	21.6
4 11	11 2.18	+25 51.2	2.272	3.039	14.1	21.7
12382	Niagara Falls		3 10.9	236.°88	0.°3/10.6	18
2 1	11 48.73	+ 2 1.1	2.082	2.862	14.2	19.4
2 11	11 45.29	+ 2 28.3	1.989	2.859	11.2	19.2
2 21	11 39.75	+ 3 8.9	1.917	2.856	7.6	18.9
3 2	11 32.57	+ 3 59.3	1.872	2.852	3.7	18.7
3 12	11 24.52	+ 4 54.1	1.855	2.849	0.7	18.4
3 22	11 16.49	+ 5 47.3	1.868	2.845	4.8	18.7
4 1	11 9.39	+ 6 33.1	1.907	2.841	8.8	19.0
4 11	11 3.96	+ 7 7.1	1.972	2.838	12.3	19.2
135077	2001 PE_{57}		3 10.9	282.°29	3.°1/13.9	17
2 1	11 50.07	− 6 20.5	2.246	2.983	14.5	19.6
2 11	11 46.21	− 6 40.6	2.147	2.982	11.9	19.5
2 21	11 40.32	− 6 45.7	2.070	2.980	8.9	19.3
3 2	11 32.83	− 6 36.0	2.017	2.979	5.6	19.0
3 12	11 24.49	− 6 13.7	1.993	2.977	3.2	18.9
3 22	11 16.14	− 5 42.5	1.998	2.976	4.4	19.0
4 1	11 8.65	− 5 7.2	2.030	2.974	7.6	19.2
4 11	11 2.75	− 4 33.1	2.089	2.973	10.9	19.3
208725	2002 JY_{141}		3 10.9	331.°95	1.°2/11.8	18
2 1	11 48.59	− 0 52.0	1.374	2.173	19.2	20.3
2 11	11 46.37	− 0 51.6	1.286	2.165	15.5	20.1
2 21	11 41.16	− 0 31.0	1.218	2.157	10.9	19.8
3 2	11 33.48	+ 0 7.6	1.172	2.150	5.7	19.5
3 12	11 24.40	+ 0 58.3	1.150	2.143	1.2	19.1
3 22	11 15.28	+ 1 53.1	1.154	2.137	6.0	19.4
4 1	11 7.53	+ 2 43.0	1.183	2.132	11.3	19.7
4 11	11 2.25	+ 3 20.4	1.233	2.127	16.1	20.0
182937	2002 GS_{47}		3 10.9	249.°01	0.°9/10.2	17
2 1	11 52.57	+ 3 24.8	1.897	2.680	15.3	21.6
2 11	11 48.72	+ 3 52.2	1.791	2.664	12.1	21.3
2 21	11 42.36	+ 4 33.6	1.707	2.647	8.3	21.1
3 2	11 33.96	+ 5 25.4	1.648	2.629	4.0	20.7
3 12	11 24.35	+ 6 21.5	1.618	2.611	1.2	20.5
3 22	11 14.60	+ 7 14.8	1.617	2.592	5.7	20.8
4 1	11 5.82	+ 7 58.8	1.643	2.573	10.2	21.0
4 11	10 58.97	+ 8 28.7	1.693	2.553	14.2	21.2
156307	2001 XC_{42}		3 10.9	42.°23	7.°7/ 4.9	18
2 1	11 54.40	+20 47.8	1.550	2.373	16.3	19.6
2 11	11 50.33	+21 50.1	1.495	2.385	13.0	19.4
2 21	11 43.38	+22 50.9	1.462	2.398	9.8	19.3
3 2	11 34.31	+23 40.2	1.453	2.411	7.8	19.2
3 12	11 24.35	+24 8.8	1.470	2.425	8.4	19.2
3 22	11 14.82	+24 11.7	1.512	2.439	11.0	19.4
4 1	11 6.93	+23 47.8	1.578	2.453	14.1	19.6
4 11	11 1.50	+22 59.9	1.663	2.468	17.0	19.9
452801	2006 JR_{53}		3 10.9	358.°24	5.°5/ 7.2	18
2 1	11 47.78	+11 47.3	1.128	1.973	19.6	20.4
2 11	11 46.24	+12 38.6	1.060	1.969	15.3	20.1
2 21	11 41.27	+13 41.4	1.012	1.966	10.6	19.9
3 2	11 33.55	+14 45.4	0.986	1.965	6.3	19.6
3 12	11 24.42	+15 38.5	0.982	1.964	6.2	19.6
3 22	11 15.48	+16 10.4	1.002	1.966	10.4	19.8
4 1	11 8.33	+16 15.2	1.044	1.968	15.2	20.1
4 11	11 4.05	+15 52.5	1.103	1.971	19.6	20.4
27758	Michelson		3 10.9	92.°81	0.°2/10.7	17
2 1	11 51.11	+ 3 12.7	2.268	3.042	13.3	18.9
2 11	11 46.83	+ 3 21.0	2.185	3.051	10.5	18.7
2 21	11 40.60	+ 3 39.2	2.124	3.061	7.1	18.5
3 2	11 32.90	+ 4 4.4	2.090	3.070	3.4	18.3
3 12	11 24.51	+ 4 32.4	2.086	3.079	0.5	18.0
3 22	11 16.24	+ 4 58.8	2.111	3.088	4.3	18.4
4 1	11 8.91	+ 5 19.6	2.164	3.098	7.9	18.6
4 11	11 3.18	+ 5 31.6	2.243	3.107	11.1	18.8
97361	2000 AV_{32}		3 10.9	104.°17	0.°6/10.3	18
2 1	11 50.39	+ 3 9.7	2.231	3.007	13.5	20.1
2 11	11 46.26	+ 3 37.3	2.153	3.022	10.5	19.9
2 21	11 40.19	+ 4 15.9	2.098	3.037	7.1	19.7
3 2	11 32.70	+ 5 1.8	2.071	3.051	3.3	19.5
3 12	11 24.53	+ 5 49.7	2.073	3.065	0.9	19.4
3 22	11 16.53	+ 6 34.5	2.104	3.080	4.6	19.7
4 1	11 9.50	+ 7 11.3	2.163	3.093	8.1	19.9
4 11	11 4.06	+ 7 37.0	2.248	3.107	11.2	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
492444	2014 MC_{46}		3 10.9	258.°51	1.°7/ 9.6	17
	h m	° ′			°	m
2 1	11 54.01	+ 4 59.3	1.690	2.482	16.4	22.9
2 11	11 50.28	+ 5 32.1	1.583	2.461	13.1	22.6
2 21	11 43.71	+ 6 20.0	1.497	2.439	9.0	22.3
3 2	11 34.73	+ 7 18.3	1.436	2.417	4.3	22.0
3 12	11 24.27	+ 8 19.7	1.403	2.394	2.1	21.8
3 22	11 13.56	+ 9 15.9	1.397	2.370	6.8	22.0
4 1	11 3.92	+ 9 59.2	1.418	2.346	11.7	22.2
4 11	10 56.50	+10 24.6	1.462	2.320	16.1	22.4
187899	2000 SU_{261}		3 10.9	222.°76	1.°2/12.5	18
2 1	11 48.54	− 4 35.2	2.572	3.311	12.8	21.5
2 11	11 44.81	− 3 57.7	2.457	3.300	10.4	21.3
2 21	11 39.27	− 3 3.9	2.366	3.287	7.4	21.1
3 2	11 32.32	− 1 55.7	2.302	3.274	4.1	20.9
3 12	11 24.57	− 0 37.6	2.268	3.260	1.3	20.6
3 22	11 16.76	+ 0 44.9	2.265	3.245	3.8	20.8
4 1	11 9.63	+ 2 5.6	2.292	3.230	7.2	21.0
4 11	11 3.84	+ 3 18.6	2.346	3.214	10.5	21.2
174488	2003 BX_1		3 10.9	120.°96	4.°5/16.7	17
2 1	11 50.78	−13 59.0	2.858	3.534	13.0	21.4
2 11	11 46.22	−14 23.1	2.767	3.551	11.0	21.2
2 21	11 40.01	−14 31.4	2.698	3.567	8.7	21.1
3 2	11 32.58	−14 23.6	2.654	3.583	6.4	21.0
3 12	11 24.55	−14 0.6	2.638	3.598	4.7	20.9
3 22	11 16.60	−13 25.4	2.651	3.613	4.8	20.9
4 1	11 9.38	−12 41.9	2.693	3.628	6.5	21.0
4 11	11 3.48	−11 55.2	2.763	3.642	8.7	21.2
81905	2000 NP_1		3 10.9	266.°97	4.°0/ 5.7	18
2 1	11 46.09	+12 20.0	2.328	3.134	12.0	19.6
2 11	11 43.09	+13 40.9	2.237	3.125	9.4	19.4
2 21	11 38.20	+15 9.5	2.171	3.115	6.5	19.2
3 2	11 31.82	+16 39.3	2.132	3.104	4.3	19.1
3 12	11 24.65	+18 2.7	2.123	3.094	4.7	19.1
3 22	11 17.46	+19 12.9	2.142	3.084	7.3	19.2
4 1	11 11.08	+20 5.2	2.189	3.073	10.3	19.4
4 11	11 6.16	+20 37.1	2.258	3.063	13.0	19.6
386532	2009 CA_{25}		3 10.9	14.°45	2.°0/ 8.9	17
2 1	11 47.60	+ 7 0.1	2.072	2.869	13.6	21.1
2 11	11 44.37	+ 7 37.1	1.988	2.871	10.6	20.9
2 21	11 39.09	+ 8 23.8	1.927	2.872	7.1	20.6
3 2	11 32.24	+ 9 15.4	1.893	2.874	3.5	20.4
3 12	11 24.61	+10 5.8	1.887	2.876	2.4	20.3
3 22	11 17.07	+10 49.0	1.910	2.879	5.7	20.6
4 1	11 10.49	+11 20.3	1.960	2.882	9.3	20.8
4 11	11 5.57	+11 37.0	2.033	2.884	12.5	21.0
135171	2001 QX_{262}		3 10.9	154.°36	0.°0/10.9	17
2 1	11 46.45	− 0 9.6	2.587	3.350	12.1	20.6
2 11	11 43.03	+ 0 32.6	2.494	3.355	9.6	20.4
2 21	11 37.95	+ 1 27.5	2.426	3.359	6.6	20.3
3 2	11 31.63	+ 2 32.1	2.385	3.363	3.2	20.0
3 12	11 24.69	+ 3 41.3	2.373	3.367	0.3	19.8
3 22	11 17.80	+ 4 49.9	2.392	3.370	3.9	20.1
4 1	11 11.64	+ 5 52.6	2.441	3.374	7.2	20.3
4 11	11 6.78	+ 6 45.2	2.515	3.377	10.1	20.5
423280	2004 YU_{13}		3 10.9	342.°46	9.°7/18.3	17
2 1	11 47.97	−17 26.5	1.649	2.357	20.0	20.0
2 11	11 45.68	−18 55.9	1.551	2.345	17.7	19.8
2 21	11 40.64	−20 3.1	1.471	2.334	15.0	19.6
3 2	11 33.27	−20 42.6	1.411	2.324	12.2	19.4
3 12	11 24.47	−20 51.5	1.373	2.315	10.1	19.3
3 22	11 15.43	−20 30.4	1.358	2.307	9.9	19.2
4 1	11 7.48	−19 44.8	1.368	2.300	11.6	19.3
4 11	11 1.74	−18 44.0	1.399	2.295	14.4	19.4
497262	2005 JA_{61}		3 10.9	9.°68	5.°5/ 4.9	18
2 1	11 47.82	+16 28.2	2.001	2.818	13.3	20.8
2 11	11 44.69	+17 41.8	1.928	2.818	10.5	20.6
2 21	11 39.37	+18 59.3	1.878	2.819	7.6	20.5
3 2	11 32.40	+20 12.6	1.855	2.821	5.6	20.3
3 12	11 24.60	+21 13.8	1.860	2.822	6.2	20.4
3 22	11 16.93	+21 56.7	1.892	2.824	8.7	20.5
4 1	11 10.31	+22 17.6	1.948	2.826	11.7	20.7
4 11	11 5.47	+22 16.2	2.026	2.828	14.4	20.9
403204	2008 ST_{200}		3 10.9	10.°54	1.°3/10.1	18
2 1	11 53.41	+ 5 14.9	1.299	2.112	19.4	21.4
2 11	11 50.22	+ 5 22.7	1.223	2.112	15.3	21.1
2 21	11 43.78	+ 5 45.0	1.166	2.113	10.4	20.8
3 2	11 34.74	+ 6 16.8	1.132	2.114	5.0	20.5
3 12	11 24.33	+ 6 50.6	1.124	2.116	1.7	20.3
3 22	11 14.07	+ 7 18.4	1.140	2.118	7.0	20.6
4 1	11 5.46	+ 7 33.7	1.181	2.121	12.3	20.9
4 11	10 59.58	+ 7 32.7	1.243	2.124	16.9	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
210423	2007 YW_{51}		3 10.9	230.°20	1.°9/ 8.7	18
	h m	° ′			°	m
2 1	11 47.62	+ 7 18.0	2.482	3.271	11.9	20.8
2 11	11 44.08	+ 8 1.3	2.387	3.265	9.3	20.6
2 21	11 38.75	+ 8 53.3	2.316	3.259	6.2	20.4
3 2	11 32.06	+ 9 49.6	2.273	3.253	3.1	20.2
3 12	11 24.64	+10 44.8	2.259	3.247	2.3	20.1
3 22	11 17.24	+11 33.7	2.275	3.241	5.2	20.3
4 1	11 10.61	+12 11.9	2.319	3.234	8.4	20.5
4 11	11 5.36	+12 36.5	2.388	3.227	11.3	20.6
75891	2000 CY_{37}		3 10.9	228.°04	4.°0/14.8	17
2 1	11 51.61	− 8 40.6	2.278	2.999	14.7	19.7
2 11	11 47.46	− 9 11.8	2.175	2.996	12.3	19.5
2 21	11 41.21	− 9 27.6	2.093	2.992	9.4	19.3
3 2	11 33.31	− 9 27.3	2.036	2.988	6.4	19.1
3 12	11 24.49	− 9 12.1	2.006	2.984	4.2	19.0
3 22	11 15.62	− 8 45.2	2.005	2.979	4.9	19.0
4 1	11 7.59	− 8 11.2	2.033	2.975	7.8	19.2
4 11	11 1.17	− 7 35.7	2.087	2.970	10.9	19.3
212014	2005 CX_4		3 10.9	112.°60	1.°9/ 9.3	18
2 1	11 54.11	+ 5 43.6	1.754	2.545	16.0	20.3
2 11	11 49.72	+ 6 23.7	1.683	2.561	12.4	20.1
2 21	11 42.82	+ 7 15.9	1.634	2.576	8.3	19.9
3 2	11 34.06	+ 8 14.4	1.610	2.591	4.0	19.7
3 12	11 24.43	+ 9 11.8	1.615	2.606	2.3	19.6
3 22	11 15.05	+10 0.9	1.649	2.620	6.2	19.9
4 1	11 6.98	+10 36.4	1.709	2.633	10.3	20.1
4 11	11 1.02	+10 55.2	1.793	2.646	13.9	20.4
194093	2001 SA_{199}		3 10.9	118.°34	0.°8/10.2	18
2 1	11 55.26	+ 2 33.4	1.773	2.552	16.3	21.8
2 11	11 50.55	+ 3 12.7	1.702	2.573	12.8	21.6
2 21	11 43.35	+ 4 6.8	1.653	2.592	8.6	21.3
3 2	11 34.30	+ 5 10.4	1.630	2.611	4.0	21.1
3 12	11 24.41	+ 6 16.3	1.636	2.629	1.2	20.9
3 22	11 14.79	+ 7 17.0	1.671	2.646	5.6	21.3
4 1	11 6.49	+ 8 6.3	1.733	2.662	9.8	21.6
4 11	11 0.30	+ 8 40.0	1.819	2.678	13.4	21.8
86029	1999 LV_{32}		3 10.9	241.°30	3.°8/ 6.4	17
2 1	11 48.49	+10 32.1	2.177	2.978	12.9	20.2
2 11	11 45.15	+11 53.1	2.080	2.966	10.1	20.0
2 21	11 39.72	+13 24.3	2.008	2.953	6.9	19.8
3 2	11 32.62	+14 59.0	1.964	2.939	4.2	19.6
3 12	11 24.58	+16 28.8	1.949	2.925	4.4	19.6
3 22	11 16.50	+17 46.2	1.963	2.911	7.4	19.7
4 1	11 9.26	+18 45.2	2.004	2.896	10.7	19.9
4 11	11 3.65	+19 22.9	2.069	2.881	13.8	20.1
283033	2007 WH_{40}		3 10.9	185.°65	6.°2/18.4	18
2 1	11 49.37	−18 32.1	2.637	3.292	14.4	20.6
2 11	11 45.48	−19 8.4	2.532	3.292	12.5	20.4
2 21	11 39.75	−19 26.2	2.447	3.291	10.4	20.3
3 2	11 32.57	−19 23.7	2.385	3.291	8.2	20.1
3 12	11 24.59	−19 1.0	2.349	3.290	6.6	20.0
3 22	11 16.57	−18 20.3	2.341	3.289	6.4	20.0
4 1	11 9.29	−17 26.1	2.360	3.287	7.7	20.1
4 11	11 3.40	−16 24.5	2.406	3.285	9.8	20.2
24841	1995 UY_8		3 10.9	75.°58	2.°9/ 8.6	18
2 1	11 53.28	+ 7 53.9	1.569	2.375	16.9	18.8
2 11	11 49.30	+ 8 39.1	1.506	2.393	13.1	18.5
2 21	11 42.64	+ 9 35.4	1.465	2.411	8.8	18.3
3 2	11 33.99	+10 35.7	1.449	2.429	4.4	18.1
3 12	11 24.45	+11 31.5	1.460	2.447	3.4	18.1
3 22	11 15.26	+12 15.3	1.498	2.465	7.2	18.4
4 1	11 7.53	+12 42.0	1.562	2.483	11.3	18.6
4 11	11 2.08	+12 49.6	1.648	2.500	14.9	18.9
292429	2006 SH_{322}		3 10.9	220.°37	1.°2/ 9.8	14 C
2 1	11 51.62	+ 3 59.4	2.092	2.872	14.1	23.1
2 11	11 47.64	+ 4 38.4	1.991	2.863	11.1	22.9
2 21	11 41.43	+ 5 30.4	1.914	2.853	7.5	22.6
3 2	11 33.46	+ 6 31.1	1.863	2.843	3.6	22.4
3 12	11 24.50	+ 7 34.3	1.841	2.833	1.5	22.2
3 22	11 15.49	+ 8 33.5	1.849	2.821	5.4	22.4
4 1	11 7.41	+ 9 22.5	1.884	2.809	9.4	22.6
4 11	11 1.06	+ 9 57.2	1.945	2.797	13.0	22.8
502879	2015 DY_{212}		3 10.9	7.°30	2.°5/13.9	17
2 1	11 42.18	− 9 0.9	1.838	2.593	16.7	21.0
2 11	11 40.47	− 8 13.0	1.747	2.594	13.7	20.8
2 21	11 36.62	− 6 59.0	1.676	2.595	10.0	20.5
3 2	11 31.13	− 5 21.4	1.630	2.598	6.0	20.3
3 12	11 24.77	− 3 26.6	1.611	2.601	2.6	20.1
3 22	11 18.47	− 1 23.9	1.621	2.604	4.5	20.2
4 1	11 13.15	+ 0 36.3	1.658	2.608	8.5	20.5
4 11	11 9.54	+ 2 24.4	1.721	2.613	12.4	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
415655	2014 QV_{409}		3 10.9	312.°23	3.°3/13.7	18
	h m	° ′			°	m
2 1	11 49.73	− 6 44.2	1.511	2.278	19.2	20.9
2 11	11 46.98	− 6 45.8	1.424	2.278	15.8	20.6
2 21	11 41.41	− 6 23.4	1.355	2.277	11.7	20.4
3 2	11 33.58	− 5 37.4	1.308	2.276	7.1	20.1
3 12	11 24.49	− 4 32.4	1.287	2.275	3.5	19.9
3 22	11 15.40	− 3 16.1	1.292	2.274	5.6	20.0
4 1	11 7.61	− 1 58.4	1.323	2.274	10.2	20.2
4 11	11 2.12	− 0 48.7	1.377	2.273	14.6	20.5
109316	2001 QO_{135}		3 10.9	162.°87	1.°7/12.7	18
2 1	11 52.87	− 3 15.7	2.341	3.084	13.8	20.6
2 11	11 48.23	− 3 13.8	2.247	3.090	11.2	20.4
2 21	11 41.60	− 2 58.2	2.175	3.096	8.0	20.2
3 2	11 33.45	− 2 30.2	2.130	3.100	4.5	20.0
3 12	11 24.51	− 1 53.4	2.114	3.105	1.7	19.8
3 22	11 15.63	− 1 12.1	2.128	3.108	4.0	20.0
4 1	11 7.65	− 0 31.3	2.171	3.111	7.5	20.2
4 11	11 1.24	+ 0 4.4	2.241	3.113	10.7	20.4
125767	2001 XZ_{136}		3 10.9	34.°18	2.°1/ 9.1	18
2 1	11 49.87	+ 6 27.9	1.780	2.581	15.4	20.1
2 11	11 46.53	+ 7 6.9	1.699	2.583	12.0	19.8
2 21	11 40.77	+ 7 57.8	1.639	2.584	8.1	19.6
3 2	11 33.14	+ 8 55.0	1.605	2.586	3.9	19.4
3 12	11 24.55	+ 9 51.4	1.598	2.588	2.5	19.3
3 22	11 16.07	+10 39.7	1.619	2.590	6.4	19.5
4 1	11 8.75	+11 14.2	1.667	2.591	10.5	19.7
4 11	11 3.39	+11 31.7	1.737	2.593	14.1	20.0
87491	2000 QE_{157}		3 10.9	56.°77	6.°0/16.1	18
2 1	11 51.83	−11 57.9	1.752	2.477	18.4	19.3
2 11	11 48.14	−12 43.3	1.672	2.490	15.6	19.2
2 21	11 41.91	−13 6.9	1.611	2.502	12.2	19.0
3 2	11 33.71	−13 6.8	1.572	2.515	8.8	18.8
3 12	11 24.49	−12 44.3	1.559	2.528	6.3	18.7
3 22	11 15.38	−12 3.6	1.572	2.541	6.6	18.7
4 1	11 7.50	−11 11.7	1.611	2.555	9.3	18.9
4 11	11 1.71	−10 16.7	1.675	2.568	12.5	19.1
171026	2005 EU_{53}		3 10.9	62.°15	0.°7/10.4	18
2 1	11 49.85	+ 2 0.1	1.556	2.353	17.4	20.4
2 11	11 46.85	+ 2 35.4	1.477	2.357	13.7	20.2
2 21	11 41.16	+ 3 28.4	1.419	2.362	9.3	19.9
3 2	11 33.38	+ 4 34.1	1.385	2.366	4.4	19.7
3 12	11 24.53	+ 5 44.6	1.378	2.371	1.1	19.4
3 22	11 15.80	+ 6 51.1	1.398	2.375	6.0	19.8
4 1	11 8.39	+ 7 45.8	1.443	2.380	10.8	20.1
4 11	11 3.18	+ 8 23.5	1.512	2.385	14.9	20.3
430743	2004 JP_{31}		3 10.9	280.°09	4.°3/ 5.9	17
2 1	11 48.40	+15 2.3	2.339	3.145	12.0	20.6
2 11	11 44.86	+15 58.0	2.252	3.137	9.4	20.4
2 21	11 39.37	+16 57.8	2.189	3.130	6.7	20.2
3 2	11 32.40	+17 55.6	2.154	3.123	4.6	20.0
3 12	11 24.65	+18 45.0	2.147	3.116	4.9	20.0
3 22	11 16.95	+19 20.7	2.169	3.109	7.3	20.2
4 1	11 10.12	+19 39.4	2.217	3.102	10.1	20.3
4 11	11 4.82	+19 39.8	2.288	3.095	12.8	20.5
297769	2001 XE_{172}		3 10.9	358.°48	2.°2/12.6	18
2 1	11 48.42	− 2 58.8	1.290	2.087	20.3	20.0
2 11	11 46.37	− 3 4.2	1.210	2.085	16.5	19.7
2 21	11 41.23	− 2 46.7	1.148	2.084	11.8	19.4
3 2	11 33.56	− 2 7.7	1.107	2.083	6.6	19.1
3 12	11 24.52	− 1 13.0	1.091	2.083	2.2	18.8
3 22	11 15.51	− 0 11.2	1.100	2.084	6.0	19.1
4 1	11 8.00	+ 0 47.9	1.132	2.085	11.3	19.4
4 11	11 3.07	+ 1 35.5	1.187	2.087	16.1	19.6
417000	2005 TH_{177}		3 11.0	88.°54	2.°7/13.4	18
2 1	11 58.11	− 4 58.6	2.122	2.852	15.4	22.4
2 11	11 52.25	− 5 17.8	2.053	2.885	12.5	22.2
2 21	11 44.23	− 5 21.8	2.006	2.918	9.1	22.0
3 2	11 34.65	− 5 11.6	1.985	2.949	5.4	21.9
3 12	11 24.43	− 4 50.2	1.994	2.980	2.7	21.8
3 22	11 14.52	− 4 21.8	2.032	3.011	4.4	21.9
4 1	11 5.81	− 3 51.5	2.100	3.040	7.7	22.2
4 11	10 58.98	− 3 23.9	2.194	3.069	10.8	22.4
395732	2012 UX_{57}		3 11.0	137.°52	1.°8/12.3	18
2 1	11 52.59	− 3 10.5	1.428	2.209	19.5	21.8
2 11	11 49.32	− 3 0.3	1.347	2.213	15.7	21.5
2 21	11 43.05	− 2 27.5	1.285	2.217	11.2	21.3
3 2	11 34.38	− 1 34.4	1.246	2.221	6.1	21.0
3 12	11 24.44	− 0 27.3	1.232	2.225	1.8	20.7
3 22	11 14.59	+ 0 44.8	1.246	2.228	5.7	21.0
4 1	11 6.20	+ 1 52.3	1.284	2.231	10.8	21.3
4 11	11 0.30	+ 2 47.1	1.346	2.234	15.4	21.5