2020	α_{2000}	δ_{2000}	Δ	r	β	V
293999	2007 TE_{84}		3 23.9	165.°77	0.°7/24.7	18
	h m	° ′			°	m
2 21	12 38.23	− 5 51.6	1.975	2.809	13.0	21.4
3 2	12 32.07	− 5 22.9	1.901	2.815	9.5	21.2
3 12	12 24.02	− 4 40.7	1.851	2.820	5.5	20.9
3 22	12 14.82	− 3 49.2	1.829	2.824	1.4	20.7
4 1	12 5.42	− 2 53.8	1.837	2.828	3.3	20.8
4 11	11 56.82	− 2 1.1	1.873	2.830	7.4	21.1
4 21	11 49.81	− 1 16.4	1.936	2.832	11.1	21.3
5 1	11 44.93	− 0 43.8	2.021	2.834	14.3	21.5
215034	2009 CR_{12}		3 23.9	52.°34	1.°0/23.1	18
2 21	12 33.99	− 3 21.4	1.382	2.248	15.6	20.2
3 2	12 29.56	− 2 12.6	1.320	2.253	11.2	20.0
3 12	12 22.81	− 0 46.6	1.282	2.259	6.1	19.7
3 22	12 14.63	+ 0 48.2	1.269	2.265	1.2	19.4
4 1	12 6.25	+ 2 21.3	1.283	2.271	4.9	19.6
4 11	11 58.93	+ 3 41.9	1.322	2.277	10.0	19.9
4 21	11 53.63	+ 4 42.9	1.384	2.284	14.5	20.2
5 1	11 50.93	+ 5 20.7	1.465	2.290	18.2	20.5
349602	2008 TB_{187}		3 23.9	354.°93	2.°8/22.2	18
2 21	12 37.37	+ 2 50.2	1.112	1.996	17.1	20.3
3 2	12 32.54	+ 3 16.7	1.051	1.992	12.3	20.0
3 12	12 24.72	+ 3 52.2	1.011	1.989	6.9	19.7
3 22	12 14.97	+ 4 28.8	0.994	1.988	2.8	19.5
4 1	12 4.87	+ 4 57.4	1.001	1.987	6.6	19.7
4 11	11 56.06	+ 5 10.2	1.031	1.986	12.1	20.0
4 21	11 49.80	+ 5 3.4	1.082	1.987	17.1	20.3
5 1	11 46.80	+ 4 36.0	1.150	1.989	21.3	20.5
121508	1999 TY_{307}		3 23.9	274.°04	1.°4/22.7	17
2 21	12 34.76	+ 0 16.8	1.903	2.762	12.3	19.8
3 2	12 29.71	+ 0 54.2	1.824	2.754	8.8	19.6
3 12	12 22.77	+ 1 40.6	1.769	2.745	4.8	19.3
3 22	12 14.63	+ 2 30.8	1.742	2.737	1.4	19.1
4 1	12 6.20	+ 3 18.5	1.743	2.729	4.3	19.3
4 11	11 58.48	+ 3 57.6	1.772	2.721	8.4	19.5
4 21	11 52.28	+ 4 24.0	1.825	2.712	12.2	19.7
5 1	11 48.18	+ 4 34.9	1.900	2.704	15.4	19.9
374578	2006 CF_{40}		3 23.9	47.°19	0.°3/24.2	18
2 21	12 37.84	− 2 49.1	1.590	2.444	14.5	20.9
3 2	12 31.99	− 2 45.3	1.535	2.460	10.5	20.7
3 12	12 24.01	− 2 30.3	1.503	2.477	5.9	20.4
3 22	12 14.82	− 2 8.4	1.498	2.493	1.1	20.1
4 1	12 5.56	− 1 44.7	1.520	2.511	3.8	20.4
4 11	11 57.37	− 1 25.0	1.569	2.528	8.3	20.7
4 21	11 51.11	− 1 13.6	1.642	2.546	12.3	20.9
5 1	11 47.29	− 1 13.5	1.736	2.564	15.6	21.2
364195	2006 QD_{12}		3 23.9	220.°38	1.°4/22.6	16
2 21	12 37.03	− 0 1.6	1.979	2.830	12.2	22.5
3 2	12 31.32	+ 0 44.7	1.895	2.822	8.7	22.2
3 12	12 23.67	+ 1 40.5	1.837	2.812	4.8	22.0
3 22	12 14.79	+ 2 40.6	1.807	2.802	1.4	21.7
4 1	12 5.60	+ 3 38.3	1.807	2.791	4.4	21.9
4 11	11 57.09	+ 4 27.4	1.834	2.780	8.4	22.1
4 21	11 50.10	+ 5 3.1	1.887	2.768	12.2	22.3
5 1	11 45.23	+ 5 22.7	1.962	2.755	15.4	22.5
39253	2000 YH_{106}		3 23.9	277.°98	3.°8/26.9	18
2 21	12 37.17	−11 57.9	1.588	2.413	16.0	18.6
3 2	12 32.05	−12 4.0	1.492	2.394	12.5	18.3
3 12	12 24.41	−11 49.2	1.417	2.374	8.4	18.0
3 22	12 14.96	−11 14.4	1.368	2.354	4.6	17.7
4 1	12 4.85	−10 23.3	1.345	2.333	4.7	17.7
4 11	11 55.42	− 9 23.6	1.348	2.313	8.8	17.9
4 21	11 47.84	− 8 23.8	1.375	2.292	13.3	18.1
5 1	11 42.95	− 7 32.1	1.424	2.272	17.4	18.3
68792	2002 FY_{30}		3 23.9	344.°44	3.°3/20.5	18
2 21	12 31.91	+ 3 40.9	1.743	2.616	12.5	19.0
3 2	12 27.75	+ 5 2.0	1.676	2.613	8.8	18.8
3 12	12 21.69	+ 6 30.9	1.634	2.611	5.1	18.6
3 22	12 14.46	+ 7 59.5	1.620	2.609	3.4	18.5
4 1	12 7.01	+ 9 18.9	1.633	2.607	6.2	18.6
4 11	12 0.36	+10 21.5	1.672	2.605	10.1	18.8
4 21	11 55.29	+11 3.2	1.735	2.604	13.6	19.1
5 1	11 52.35	+11 22.3	1.818	2.603	16.7	19.3
375380	2008 SJ_{168}		3 23.9	169.°55	0.°6/24.6	17
2 21	12 34.70	− 5 31.0	2.488	3.319	10.7	22.1
3 2	12 29.25	− 5 1.5	2.410	3.322	7.8	21.9
3 12	12 22.34	− 4 21.4	2.357	3.326	4.5	21.7
3 22	12 14.56	− 3 34.1	2.334	3.329	1.1	21.4
4 1	12 6.62	− 2 44.0	2.341	3.331	2.7	21.5
4 11	11 59.27	− 1 56.0	2.377	3.333	6.1	21.8
4 21	11 53.13	− 1 14.4	2.441	3.334	9.2	22.0
5 1	11 48.64	− 0 42.4	2.528	3.335	11.9	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
309842	2009 CS_{39}		3 23.9	148.°39	2.°1/25.6	18
	h m	° ′			°	m
2 21	12 39.14	− 7 46.0	1.561	2.399	15.6	20.6
3 2	12 33.20	− 7 47.3	1.488	2.401	11.7	20.4
3 12	12 24.87	− 7 31.9	1.438	2.403	7.2	20.1
3 22	12 15.01	− 7 2.4	1.413	2.405	2.8	19.9
4 1	12 4.83	− 6 24.2	1.416	2.407	3.9	19.9
4 11	11 55.63	− 5 44.1	1.445	2.409	8.5	20.2
4 21	11 48.42	− 5 9.0	1.499	2.410	12.8	20.4
5 1	11 43.85	− 4 44.2	1.574	2.412	16.5	20.7
215900	2005 GR_{124}		3 23.9	259.°67	10.°5/13.6	18
2 21	12 39.71	+24 18.7	1.649	2.510	13.7	20.1
3 2	12 33.60	+25 51.6	1.597	2.502	11.6	19.9
3 12	12 25.06	+27 10.5	1.568	2.493	10.5	19.8
3 22	12 15.04	+28 4.8	1.564	2.485	11.1	19.8
4 1	12 4.81	+28 26.8	1.585	2.476	13.1	19.9
4 11	11 55.68	+28 14.0	1.627	2.467	15.7	20.1
4 21	11 48.65	+27 28.8	1.688	2.458	18.2	20.2
5 1	11 44.32	+26 16.2	1.765	2.449	20.5	20.4
310945	2003 TX_{15}		3 23.9	86.°99	4.°2/20.4	18
2 21	12 39.30	+ 6 52.5	1.575	2.445	13.8	20.5
3 2	12 32.93	+ 7 56.4	1.534	2.468	9.8	20.3
3 12	12 24.47	+ 9 2.1	1.517	2.490	5.9	20.2
3 22	12 14.91	+10 1.3	1.527	2.513	4.3	20.1
4 1	12 5.42	+10 46.5	1.565	2.535	6.9	20.3
4 11	11 57.13	+11 12.5	1.629	2.557	10.7	20.6
4 21	11 50.85	+11 17.9	1.716	2.578	14.1	20.8
5 1	11 47.02	+11 3.4	1.822	2.599	17.0	21.1
140560	2001 TW_{204}		3 23.9	150.°57	3.°9/19.0	17
2 21	12 32.81	+ 9 17.4	2.430	3.296	9.7	20.3
3 2	12 27.90	+10 24.3	2.369	3.300	7.0	20.1
3 12	12 21.58	+11 31.8	2.336	3.304	4.6	19.9
3 22	12 14.44	+12 34.0	2.331	3.308	4.0	19.9
4 1	12 7.19	+13 25.3	2.355	3.312	5.9	20.0
4 11	12 0.56	+14 1.7	2.407	3.315	8.6	20.2
4 21	11 55.14	+14 21.3	2.483	3.318	11.2	20.4
5 1	11 51.37	+14 23.7	2.580	3.321	13.4	20.5
88891	2001 SX_{298}		3 23.9	43.°56	1.°0/25.1	18
2 21	12 30.90	− 8 10.5	1.881	2.721	13.2	19.9
3 2	12 26.84	− 7 14.8	1.817	2.734	9.7	19.7
3 12	12 21.09	− 6 2.6	1.778	2.747	5.7	19.5
3 22	12 14.37	− 4 39.0	1.766	2.760	1.7	19.3
4 1	12 7.54	− 3 11.5	1.782	2.774	3.1	19.4
4 11	12 1.50	− 1 48.1	1.826	2.788	7.2	19.7
4 21	11 56.93	− 0 35.4	1.896	2.802	10.8	19.9
5 1	11 54.29	+ 0 21.9	1.988	2.816	13.9	20.1
33252	1998 HA_{28}		3 23.9	200.°81	1.°0/25.4	18
2 21	12 32.22	− 7 34.4	2.824	3.645	9.8	19.9
3 2	12 27.39	− 7 6.4	2.736	3.642	7.3	19.7
3 12	12 21.29	− 6 27.6	2.674	3.638	4.4	19.5
3 22	12 14.40	− 5 40.7	2.641	3.634	1.5	19.3
4 1	12 7.35	− 4 49.5	2.638	3.629	2.4	19.4
4 11	12 0.76	− 3 58.4	2.666	3.624	5.4	19.6
4 21	11 55.17	− 3 11.6	2.721	3.619	8.2	19.7
5 1	11 51.02	− 2 32.4	2.801	3.613	10.7	19.9
502322	2015 BD_{161}		3 23.9	208.°95	0.°1/24.0	17
2 21	12 33.42	− 4 35.9	2.008	2.853	12.3	21.4
3 2	12 28.66	− 3 48.6	1.930	2.851	8.9	21.2
3 12	12 22.15	− 2 48.2	1.877	2.849	5.0	21.0
3 22	12 14.56	− 1 39.4	1.851	2.847	0.9	20.6
4 1	12 6.75	− 0 28.6	1.854	2.844	3.4	20.8
4 11	11 59.62	+ 0 37.1	1.886	2.842	7.5	21.1
4 21	11 53.91	+ 1 32.2	1.943	2.839	11.1	21.3
5 1	11 50.16	+ 2 12.8	2.023	2.836	14.3	21.5
170120	2002 YR_{18}		3 24.0	101.°71	2.°6/20.8	18
2 21	12 34.35	+ 5 15.1	2.443	3.301	9.9	20.4
3 2	12 28.88	+ 6 7.8	2.392	3.322	7.0	20.2
3 12	12 22.07	+ 7 3.1	2.369	3.342	4.0	20.1
3 22	12 14.54	+ 7 55.7	2.374	3.362	2.6	20.0
4 1	12 6.99	+ 8 40.9	2.410	3.382	4.6	20.2
4 11	12 0.13	+ 9 14.6	2.474	3.401	7.5	20.4
4 21	11 54.53	+ 9 34.7	2.563	3.420	10.2	20.6
5 1	11 50.57	+ 9 40.6	2.675	3.439	12.4	20.8
274374	2008 RP_{78}		3 24.0	234.°24	1.°7/25.8	17
2 21	12 35.12	− 8 30.0	2.117	2.943	12.5	21.1
3 2	12 29.88	− 8 15.5	2.029	2.936	9.4	20.9
3 12	12 22.86	− 7 46.6	1.965	2.928	5.8	20.7
3 22	12 14.70	− 7 6.1	1.929	2.921	2.3	20.4
4 1	12 6.24	− 6 18.3	1.922	2.913	3.1	20.5
4 11	11 58.39	− 5 28.9	1.943	2.904	6.8	20.7
4 21	11 51.94	− 4 43.6	1.990	2.896	10.4	20.9
5 1	11 47.44	− 4 7.0	2.061	2.887	13.6	21.1

105274 2000 QL_{27} 3 24.0 128.°73 0.°4/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.35	− 3 27.0	1.849	2.693	13.3	20.4
3 2	12 32.15	− 2 39.0	1.788	2.709	9.5	20.2
3 12	12 24.06	− 1 39.0	1.752	2.725	5.3	19.9
3 22	12 14.88	− 0 32.5	1.745	2.741	0.8	19.6
4 1	12 5.63	+ 0 33.6	1.767	2.755	3.8	19.9
4 11	11 57.32	+ 1 32.1	1.817	2.769	8.0	20.2
4 21	11 50.70	+ 2 18.1	1.892	2.782	11.7	20.4
5 1	11 46.30	+ 2 48.6	1.990	2.794	14.8	20.7

170231 2003 QB_{22} 3 24.0 295.°06 1.°5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.15	− 7 34.4	1.430	2.280	16.1	20.4
3 2	12 30.85	− 7 9.0	1.331	2.252	12.1	20.1
3 12	12 23.87	− 6 22.0	1.254	2.224	7.4	19.8
3 22	12 14.93	− 5 16.6	1.201	2.195	2.4	19.4
4 1	12 5.20	− 3 59.7	1.175	2.167	4.2	19.4
4 11	11 56.12	− 2 41.5	1.173	2.138	9.8	19.6
4 21	11 48.96	− 1 32.0	1.195	2.110	15.1	19.8
5 1	11 44.66	− 0 39.3	1.237	2.082	19.7	20.0

503910 2002 CD_{316} 3 24.0 291.°27 3.°6/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.48	−11 38.8	1.835	2.654	14.4	21.2
3 2	12 31.17	−11 54.0	1.746	2.644	11.2	20.9
3 12	12 23.74	−11 52.0	1.680	2.634	7.5	20.7
3 22	12 14.87	−11 33.9	1.639	2.624	4.2	20.4
4 1	12 5.57	−11 2.7	1.627	2.614	4.2	20.4
4 11	11 56.95	−10 24.1	1.641	2.604	7.7	20.6
4 21	11 49.96	− 9 44.6	1.681	2.595	11.5	20.8
5 1	11 45.28	− 9 10.4	1.743	2.585	15.0	21.0

272315 2005 SX_{69} 3 24.0 203.°52 7.°2/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.91	+19 54.3	2.273	3.131	10.6	21.3
3 2	12 31.04	+21 23.9	2.215	3.127	8.5	21.2
3 12	12 23.44	+22 46.3	2.184	3.121	7.3	21.1
3 22	12 14.79	+23 53.9	2.181	3.115	7.7	21.1
4 1	12 5.97	+24 40.3	2.205	3.108	9.4	21.2
4 11	11 57.86	+25 2.5	2.255	3.100	11.7	21.3
4 21	11 51.21	+25 0.2	2.326	3.092	13.9	21.5
5 1	11 46.51	+24 35.5	2.415	3.083	15.9	21.6

505155 2012 QL_{1} 3 24.0 283.°81 5.°1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.42	−15 4.6	1.933	2.731	14.6	20.5
3 2	12 32.67	−15 41.6	1.831	2.711	11.7	20.3
3 12	12 24.67	−16 1.2	1.751	2.691	8.5	20.1
3 22	12 15.05	−16 2.4	1.697	2.670	5.8	19.8
4 1	12 4.82	−15 46.4	1.670	2.650	5.4	19.8
4 11	11 55.12	−15 17.6	1.671	2.629	8.1	19.9
4 21	11 46.98	−14 41.9	1.698	2.608	11.6	20.0
5 1	11 41.18	−14 6.3	1.747	2.588	15.0	20.2

251009 2006 PF_{29} 3 24.0 233.°13 2.°0/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.73	+ 0 32.5	1.859	2.717	12.5	21.3
3 2	12 30.52	+ 1 37.5	1.776	2.706	9.0	21.0
3 12	12 23.31	+ 2 53.4	1.719	2.695	4.9	20.7
3 22	12 14.80	+ 4 13.5	1.689	2.683	2.0	20.5
4 1	12 5.95	+ 5 29.9	1.688	2.670	5.0	20.7
4 11	11 57.80	+ 6 34.9	1.715	2.657	9.2	20.9
4 21	11 51.22	+ 7 23.2	1.767	2.643	13.1	21.1
5 1	11 46.83	+ 7 51.9	1.839	2.629	16.3	21.3

50587 2000 ET_{45} 3 24.0 3.°97 0.°1/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.89	− 3 30.6	1.926	2.776	12.6	17.7
3 2	12 29.05	− 3 5.6	1.852	2.776	9.1	17.5
3 12	12 22.40	− 2 29.2	1.803	2.776	5.2	17.2
3 22	12 14.64	− 1 45.8	1.780	2.776	0.9	16.9
4 1	12 6.66	− 1 0.6	1.786	2.777	3.4	17.1
4 11	11 59.42	− 0 19.7	1.820	2.777	7.5	17.4
4 21	11 53.67	+ 0 12.1	1.878	2.778	11.2	17.6
5 1	11 49.94	+ 0 31.5	1.959	2.779	14.4	17.8

436926 2012 TM_{105} 3 24.0 151.°99 1.°5/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.61	+ 2 40.4	2.299	3.149	10.8	21.1
3 2	12 31.41	+ 2 53.4	2.226	3.152	7.7	20.9
3 12	12 23.60	+ 3 10.5	2.180	3.155	4.2	20.7
3 22	12 14.83	+ 3 28.0	2.163	3.157	1.5	20.5
4 1	12 5.92	+ 3 42.1	2.176	3.160	3.8	20.6
4 11	11 57.69	+ 3 49.2	2.218	3.162	7.3	20.9
4 21	11 50.83	+ 3 46.9	2.286	3.164	10.4	21.1
5 1	11 45.83	+ 3 34.0	2.378	3.166	13.1	21.2

417606 2006 VE_{148} 3 24.0 139.°70 2.°0/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.11	+ 2 10.7	2.019	2.875	11.8	21.4
3 2	12 31.18	+ 2 57.1	1.956	2.885	8.4	21.2
3 12	12 23.51	+ 3 49.7	1.919	2.894	4.6	21.0
3 22	12 14.82	+ 4 43.1	1.910	2.904	2.0	20.9
4 1	12 6.03	+ 5 31.0	1.931	2.912	4.6	21.0
4 11	11 58.05	+ 6 8.1	1.980	2.920	8.3	21.3
4 21	11 51.61	+ 6 31.3	2.054	2.928	11.6	21.5
5 1	11 47.19	+ 6 39.1	2.150	2.935	14.4	21.7

305914 2009 FQ_{57} 3 24.0 333.°86 3.°7/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.96	+ 8 47.7	2.023	2.889	11.3	20.0
3 2	12 30.47	+ 9 16.0	1.951	2.883	8.2	19.8
3 12	12 23.17	+ 9 44.4	1.905	2.877	5.1	19.6
3 22	12 14.78	+10 7.5	1.886	2.871	3.8	19.5
4 1	12 6.18	+10 20.3	1.896	2.866	6.0	19.6
4 11	11 58.33	+10 19.2	1.933	2.860	9.3	19.8
4 21	11 51.98	+10 2.7	1.994	2.856	12.4	20.0
5 1	11 47.65	+ 9 30.8	2.076	2.851	15.2	20.2

401036 2011 SO_{191} 3 24.0 194.°38 2.°3/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.63	−10 36.4	1.732	2.558	14.8	21.8
3 2	12 31.28	−10 4.0	1.651	2.557	11.2	21.5
3 12	12 23.77	− 9 11.3	1.593	2.555	7.1	21.3
3 22	12 14.89	− 8 1.7	1.562	2.553	3.0	21.0
4 1	12 5.70	− 6 41.7	1.558	2.550	3.6	21.0
4 11	11 57.33	− 5 20.1	1.583	2.546	7.9	21.3
4 21	11 50.70	− 4 5.2	1.633	2.542	12.1	21.5
5 1	11 46.43	− 3 3.5	1.705	2.538	15.7	21.7

436034 2009 KD_{16} 3 24.0 267.°37 1.°8/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 30.64	−10 39.6	2.483	3.301	11.1	21.5
3 2	12 26.47	−10 0.9	2.390	3.291	8.4	21.3
3 12	12 20.88	− 9 7.2	2.323	3.282	5.3	21.0
3 22	12 14.39	− 8 1.3	2.283	3.273	2.3	20.8
4 1	12 7.68	− 6 47.9	2.273	3.264	2.7	20.8
4 11	12 1.47	− 5 32.9	2.292	3.254	5.9	21.0
4 21	11 56.37	− 4 22.0	2.339	3.245	9.0	21.2
5 1	11 52.85	− 3 20.1	2.409	3.236	11.9	21.4

44980 1999 VW_{157} 3 24.0 252.°33 1.°0/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.72	− 6 28.3	1.827	2.665	13.6	19.9
3 2	12 31.38	− 6 0.3	1.733	2.649	10.1	19.7
3 12	12 23.88	− 5 16.4	1.663	2.632	6.0	19.4
3 22	12 14.93	− 4 20.3	1.620	2.614	1.7	19.0
4 1	12 5.52	− 3 17.7	1.605	2.596	3.5	19.1
4 11	11 56.75	− 2 16.1	1.618	2.578	8.1	19.4
4 21	11 49.58	− 1 22.5	1.657	2.559	12.3	19.6
5 1	11 44.71	− 0 42.0	1.717	2.539	16.0	19.8

521233 2015 HO_{188} 3 24.0 271.°52 2.°9/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 30.73	−14 46.6	2.370	3.170	12.2	21.1
3 2	12 26.63	−14 5.4	2.273	3.159	9.5	20.9
3 12	12 21.01	−13 5.1	2.200	3.148	6.5	20.7
3 22	12 14.42	−11 48.1	2.154	3.137	3.6	20.5
4 1	12 7.59	−10 19.3	2.138	3.126	3.3	20.4
4 11	12 1.29	− 8 45.4	2.151	3.115	6.1	20.6
4 21	11 56.16	− 7 13.4	2.192	3.104	9.3	20.8
5 1	11 52.71	− 5 49.8	2.257	3.093	12.2	21.0

196866 2003 SY_{280} 3 24.0 339.°38 1.°4/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.97	− 7 24.3	1.890	2.728	13.3	20.3
3 2	12 29.18	− 7 3.5	1.812	2.727	9.9	20.1
3 12	12 22.52	− 6 27.8	1.758	2.726	6.0	19.9
3 22	12 14.68	− 5 40.6	1.731	2.724	2.0	19.6
4 1	12 6.60	− 4 47.2	1.732	2.723	3.2	19.7
4 11	11 59.24	− 3 54.2	1.760	2.722	7.3	19.9
4 21	11 53.41	− 3 7.7	1.813	2.721	11.1	20.2
5 1	11 49.67	− 2 32.2	1.889	2.721	14.4	20.4

169134 2001 QB_{36} 3 24.0 170.°53 3.°3/27.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.23	−14 20.3	2.603	3.393	11.5	20.5
3 2	12 29.68	−14 25.0	2.517	3.395	9.0	20.4
3 12	12 22.65	−14 15.0	2.456	3.398	6.3	20.2
3 22	12 14.70	−13 51.6	2.423	3.400	3.9	20.0
4 1	12 6.54	−13 17.4	2.419	3.401	3.6	20.0
4 11	11 58.94	−12 36.5	2.444	3.403	5.8	20.2
4 21	11 52.51	−11 53.7	2.497	3.404	8.5	20.3
5 1	11 47.73	−11 13.8	2.574	3.404	11.1	20.5

8355 Masuo 3 24.0 199.°55 1.°8/22.0 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.83	+ 0 34.3	2.151	3.001	11.4	19.1
3 2	12 31.04	+ 1 40.5	2.071	2.997	8.1	18.8
3 12	12 23.50	+ 2 55.8	2.017	2.992	4.5	18.6
3 22	12 14.85	+ 4 14.3	1.992	2.986	1.8	18.4
4 1	12 5.96	+ 5 29.1	1.998	2.978	4.5	18.6
4 11	11 57.72	+ 6 33.6	2.032	2.970	8.2	18.8
4 21	11 50.89	+ 7 23.2	2.093	2.961	11.7	19.0
5 1	11 46.00	+ 7 55.4	2.175	2.951	14.6	19.2

103957 2000 DS_{75} 3 24.0 122.°57 1.°3/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.27	− 0 17.8	2.253	3.105	10.9	20.3
3 2	12 28.31	+ 0 38.3	2.188	3.115	7.7	20.1
3 12	12 21.87	+ 1 42.4	2.150	3.125	4.2	19.9
3 22	12 14.56	+ 2 49.2	2.140	3.135	1.3	19.7
4 1	12 7.15	+ 3 52.9	2.160	3.144	3.8	19.9
4 11	12 0.42	+ 4 47.8	2.209	3.153	7.3	20.1
4 21	11 54.98	+ 5 30.1	2.283	3.162	10.4	20.4
5 1	11 51.27	+ 5 57.5	2.380	3.170	13.1	20.6

197013 2003 UU_{102} 3 24.0 223.°67 2.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.16	+ 3 6.5	2.213	3.070	10.9	20.6
3 2	12 29.79	+ 3 47.3	2.134	3.064	7.7	20.4
3 12	12 22.77	+ 4 33.6	2.082	3.057	4.3	20.2
3 22	12 14.73	+ 5 20.4	2.059	3.051	2.1	20.0
4 1	12 6.47	+ 6 2.3	2.064	3.044	4.5	20.2
4 11	11 58.83	+ 6 34.4	2.098	3.037	8.0	20.4
4 21	11 52.53	+ 6 53.5	2.158	3.030	11.2	20.6
5 1	11 48.08	+ 6 58.0	2.239	3.022	14.0	20.8

308315 2005 LZ_{52} 3 24.0 219.°92 8.°5/ 7.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.02	+33 58.5	3.095	3.909	9.3	21.2
3 2	12 29.49	+35 29.7	3.054	3.899	8.6	21.2
3 12	12 22.52	+36 47.2	3.038	3.889	8.6	21.1
3 22	12 14.68	+37 45.4	3.047	3.878	9.2	21.2
4 1	12 6.68	+38 20.5	3.081	3.866	10.3	21.2
4 11	11 59.24	+38 31.3	3.137	3.855	11.5	21.3
4 21	11 52.99	+38 18.9	3.211	3.842	12.8	21.4
5 1	11 48.37	+37 45.7	3.301	3.830	13.9	21.5

157103 2004 JG_{16} 3 24.0 321.°61 0.°3/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.56	− 4 13.1	1.205	2.075	17.1	19.8
3 2	12 30.47	− 3 28.7	1.134	2.068	12.5	19.5
3 12	12 23.62	− 2 24.0	1.084	2.060	7.1	19.2
3 22	12 14.92	− 1 5.9	1.057	2.053	1.1	18.7
4 1	12 5.74	+ 0 15.2	1.055	2.046	5.0	19.0
4 11	11 57.64	+ 1 27.7	1.078	2.040	10.8	19.3
4 21	11 51.81	+ 2 22.6	1.122	2.034	16.0	19.6
5 1	11 49.01	+ 2 54.6	1.184	2.029	20.4	19.8

191366 2003 QB_{107} 3 24.0 246.°19 3.°1/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.86	−11 27.5	2.194	3.001	12.8	20.2
3 2	12 31.92	−11 42.2	2.097	2.989	9.9	20.0
3 12	12 24.08	−11 42.5	2.024	2.976	6.7	19.8
3 22	12 14.98	−11 29.3	1.979	2.963	3.7	19.6
4 1	12 5.47	−11 4.9	1.963	2.950	3.8	19.6
4 11	11 56.51	−10 34.1	1.976	2.936	6.8	19.7
4 21	11 48.94	−10 1.8	2.016	2.922	10.3	19.9
5 1	11 43.39	− 9 33.3	2.079	2.908	13.4	20.1

12300 1991 RX_{10} 3 24.0 199.°81 0.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.03	− 2 55.4	1.836	2.677	13.5	18.2
3 2	12 34.33	− 2 55.4	1.757	2.675	9.8	18.0
3 12	12 25.46	− 2 45.4	1.702	2.673	5.6	17.7
3 22	12 15.21	− 2 28.5	1.674	2.670	1.1	17.4
4 1	12 4.64	− 2 9.2	1.676	2.666	3.6	17.6
4 11	11 54.90	− 1 52.3	1.706	2.663	8.0	17.9
4 21	11 46.90	− 1 42.3	1.762	2.659	12.0	18.1
5 1	11 41.29	− 1 42.2	1.840	2.654	15.4	18.3

471588 2012 RR_{21} 3 24.0 237.°50 1.°1/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.33	− 6 46.6	2.474	3.299	10.9	21.9
3 2	12 29.87	− 6 28.7	2.376	3.285	8.1	21.7
3 12	12 22.83	− 5 59.3	2.304	3.270	4.9	21.5
3 22	12 14.76	− 5 20.9	2.261	3.254	1.6	21.2
4 1	12 6.38	− 4 37.5	2.247	3.238	2.7	21.3
4 11	11 58.48	− 3 53.8	2.264	3.222	6.2	21.5
4 21	11 51.76	− 3 14.4	2.307	3.205	9.5	21.7
5 1	11 46.74	− 2 43.2	2.374	3.187	12.4	21.8

4095 Ishizuchisan 3 24.0 202.°98 1.°8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.92	− 8 21.5	1.527	2.365	15.9	17.7
3 2	12 33.19	− 7 56.0	1.448	2.362	11.9	17.4
3 12	12 24.98	− 7 10.5	1.392	2.359	7.3	17.1
3 22	12 15.15	− 6 9.0	1.361	2.354	2.5	16.8
4 1	12 4.91	− 4 58.4	1.358	2.350	3.9	16.9
4 11	11 55.60	− 3 48.0	1.382	2.344	8.9	17.2
4 21	11 48.30	− 2 46.2	1.430	2.339	13.5	17.4
5 1	11 43.71	− 1 59.2	1.499	2.332	17.4	17.6

506400 2017 SS_3 3 24.0 132.°56 3.°7/19.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.42	+ 8 49.7	2.434	3.300	9.7	20.9
3 2	12 27.65	+ 9 57.7	2.374	3.305	6.9	20.7
3 12	12 21.49	+11 6.5	2.342	3.311	4.5	20.5
3 22	12 14.52	+12 10.3	2.338	3.316	3.9	20.5
4 1	12 7.44	+13 3.6	2.363	3.322	5.8	20.6
4 11	12 0.99	+13 42.2	2.416	3.327	8.5	20.8
4 21	11 55.73	+14 4.1	2.494	3.331	11.1	21.0
5 1	11 52.09	+14 8.9	2.592	3.336	13.3	21.2

434456 2005 QW_{13} 3 24.0 261.°94 0.°1/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.24	− 3 58.5	2.695	3.530	9.9	22.3
3 2	12 28.29	− 3 27.0	2.591	3.507	7.2	22.1
3 12	12 21.92	− 2 46.0	2.513	3.483	4.1	21.9
3 22	12 14.61	− 1 58.4	2.464	3.460	0.8	21.6
4 1	12 6.99	− 1 8.4	2.445	3.435	2.7	21.7
4 11	11 59.78	− 0 20.6	2.457	3.410	6.1	21.9
4 21	11 53.57	+ 0 20.8	2.495	3.385	9.2	22.0
5 1	11 48.89	+ 0 52.5	2.558	3.359	12.0	22.2

98799 2000 YZ_{111} 3 24.0 151.°03 1.°1/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.65	− 0 32.2	1.949	2.798	12.5	20.2
3 2	12 32.37	+ 0 9.6	1.883	2.807	8.9	20.0
3 12	12 24.24	+ 1 0.4	1.842	2.816	4.9	19.8
3 22	12 15.00	+ 1 54.9	1.829	2.825	1.2	19.5
4 1	12 5.62	+ 2 46.7	1.847	2.832	4.1	19.8
4 11	11 57.10	+ 3 30.0	1.892	2.839	8.1	20.0
4 21	11 50.20	+ 4 0.6	1.963	2.845	11.7	20.2
5 1	11 45.44	+ 4 16.4	2.056	2.851	14.7	20.5

387343 2012 WU_{10} 3 24.0 111.°77 1.°0/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.45	+ 0 41.1	2.241	3.092	11.0	20.9
3 2	12 29.96	+ 0 59.8	2.167	3.093	7.8	20.7
3 12	12 22.86	+ 1 24.7	2.119	3.094	4.3	20.5
3 22	12 14.79	+ 1 51.9	2.100	3.095	1.1	20.2
4 1	12 6.55	+ 2 17.1	2.110	3.096	3.6	20.4
4 11	11 58.98	+ 2 36.1	2.148	3.097	7.2	20.6
4 21	11 52.74	+ 2 46.0	2.212	3.098	10.4	20.8
5 1	11 48.32	+ 2 44.7	2.299	3.099	13.2	21.0

109337 2001 QZ_{146} 3 24.0 134.°58 3.°9/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.96	+ 9 55.7	2.297	3.153	10.6	20.2
3 2	12 32.99	+10 40.1	2.244	3.169	7.6	20.0
3 12	12 24.45	+11 23.5	2.218	3.185	4.9	19.9
3 22	12 15.05	+12 0.2	2.221	3.200	4.0	19.8
4 1	12 5.63	+12 25.6	2.254	3.214	5.9	20.0
4 11	11 57.05	+12 36.6	2.315	3.228	8.7	20.2
4 21	11 49.95	+12 32.1	2.402	3.241	11.4	20.4
5 1	11 44.76	+12 12.5	2.511	3.253	13.7	20.5

179540 2002 CY_{253} 3 24.0 74.°27 1.°2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.28	− 8 36.6	2.298	3.127	11.6	20.3
3 2	12 26.91	− 7 52.2	2.228	3.138	8.5	20.1
3 12	12 21.12	− 6 54.0	2.184	3.149	5.1	19.9
3 22	12 14.49	− 5 45.7	2.167	3.160	1.8	19.7
4 1	12 7.75	− 4 32.9	2.180	3.172	2.7	19.8
4 11	12 1.65	− 3 21.8	2.222	3.183	6.1	20.0
4 21	11 56.79	− 2 17.7	2.290	3.194	9.3	20.2
5 1	11 53.58	− 1 24.9	2.382	3.205	12.1	20.4

316653 1993 BV_8 3 24.0 289.°51 5.°0/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.32	+ 7 36.3	1.543	2.420	13.5	20.5
3 2	12 30.47	+ 8 57.4	1.479	2.417	9.8	20.3
3 12	12 23.38	+10 22.7	1.440	2.413	6.2	20.1
3 22	12 14.90	+11 42.5	1.427	2.410	5.1	20.0
4 1	12 6.16	+12 47.3	1.441	2.406	8.0	20.2
4 11	11 58.36	+13 29.9	1.480	2.403	11.9	20.4
4 21	11 52.44	+13 47.5	1.540	2.400	15.6	20.6
5 1	11 49.01	+13 40.2	1.619	2.396	18.7	20.8

297787 2001 YJ_{10} 3 24.0 134.°19 4.°8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.12	−15 9.2	1.627	2.434	16.5	20.4
3 2	12 33.19	−15 18.9	1.555	2.442	13.0	20.2
3 12	12 24.92	−15 5.5	1.504	2.449	9.1	19.9
3 22	12 15.17	−14 30.2	1.478	2.456	5.7	19.8
4 1	12 5.12	−13 37.0	1.478	2.463	5.2	19.7
4 11	11 56.05	−12 33.9	1.506	2.469	8.3	19.9
4 21	11 48.93	−11 29.4	1.559	2.474	12.1	20.2
5 1	11 44.43	−10 31.5	1.633	2.480	15.6	20.4

78452 2002 RZ_{24} 3 24.0 118.°94 4.°1/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.27	+11 36.6	2.414	3.273	10.0	18.7
3 2	12 31.05	+12 15.8	2.360	3.286	7.3	18.6
3 12	12 23.36	+12 52.8	2.333	3.298	4.9	18.4
3 22	12 14.87	+13 22.4	2.335	3.311	4.2	18.4
4 1	12 6.35	+13 40.4	2.367	3.322	6.0	18.5
4 11	11 58.58	+13 44.1	2.426	3.334	8.6	18.7
4 21	11 52.15	+13 32.8	2.510	3.345	11.1	18.9
5 1	11 47.50	+13 7.0	2.616	3.356	13.3	19.1

329799 2004 QY_3 3 24.0 273.°86 1.°1/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.20	− 0 8.7	1.947	2.799	12.3	21.3
3 2	12 31.68	+ 0 21.0	1.848	2.774	8.9	21.1
3 12	12 24.08	+ 1 0.3	1.774	2.749	5.0	20.8
3 22	12 15.04	+ 1 44.5	1.728	2.723	1.2	20.4
4 1	12 5.51	+ 2 27.8	1.711	2.697	4.2	20.6
4 11	11 56.53	+ 3 4.3	1.721	2.671	8.6	20.8
4 21	11 49.03	+ 3 29.0	1.757	2.644	12.6	21.0
5 1	11 43.71	+ 3 39.0	1.815	2.617	16.1	21.2

385443 2003 QX_7 3 24.0 207.°44 3.°4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.89	−14 5.6	2.703	3.487	11.3	22.0
3 2	12 31.63	−14 18.0	2.605	3.480	8.9	21.8
3 12	12 23.81	−14 16.8	2.533	3.473	6.2	21.6
3 22	12 14.98	−14 2.6	2.489	3.465	3.9	21.4
4 1	12 5.84	−13 37.3	2.475	3.456	3.7	21.4
4 11	11 57.19	−13 4.8	2.491	3.447	5.9	21.5
4 21	11 49.69	−12 29.4	2.535	3.437	8.6	21.7
5 1	11 43.87	−11 55.6	2.605	3.427	11.2	21.8

505898 2015 DH_{213} 3 24.0 289.°48 4.°8/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.30	+10 56.4	2.165	3.036	10.5	21.3
3 2	12 27.84	+12 12.6	2.092	3.024	7.7	21.1
3 12	12 21.74	+13 29.4	2.046	3.012	5.4	20.9
3 22	12 14.62	+14 39.7	2.028	3.001	5.1	20.8
4 1	12 7.26	+15 36.7	2.039	2.989	7.2	21.0
4 11	12 0.52	+16 15.4	2.075	2.977	10.1	21.1
4 21	11 55.09	+16 33.6	2.135	2.966	12.9	21.3
5 1	11 51.48	+16 31.2	2.214	2.954	15.4	21.4

331608 2001 XA_{112} 3 24.0 78.°05 5.°7/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.82	−20 47.1	1.803	2.582	16.2	20.4
3 2	12 29.83	−20 32.0	1.738	2.601	13.2	20.2
3 12	12 22.89	−19 50.1	1.693	2.619	9.8	20.1
3 22	12 14.81	−18 43.2	1.673	2.638	6.8	19.9
4 1	12 6.62	−17 16.4	1.681	2.657	5.7	19.9
4 11	11 59.37	−15 38.6	1.715	2.676	7.6	20.1
4 21	11 53.85	−13 59.2	1.775	2.694	10.7	20.3
5 1	11 50.56	−12 27.0	1.859	2.712	13.7	20.5

19777 2000 PU_{7} 3 24.0 138.°23 5.°9/17.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.02	+15 55.5	2.175	3.035	10.9	18.4
3 2	12 32.46	+16 52.2	2.126	3.046	8.3	18.2
3 12	12 24.21	+17 43.2	2.102	3.056	6.3	18.1
3 22	12 15.02	+18 21.9	2.106	3.065	6.1	18.1
4 1	12 5.81	+18 43.3	2.139	3.074	7.9	18.2
4 11	11 57.47	+18 44.8	2.199	3.083	10.4	18.4
4 21	11 50.68	+18 26.6	2.281	3.091	12.9	18.6
5 1	11 45.91	+17 50.4	2.384	3.099	15.0	18.8

349345 2007 VP_{101} 3 24.0 214.°26 4.°9/18.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.48	+13 50.4	2.443	3.305	9.8	21.4
3 2	12 29.90	+14 43.1	2.376	3.301	7.3	21.2
3 12	12 22.80	+15 32.9	2.337	3.296	5.3	21.1
3 22	12 14.79	+16 14.0	2.325	3.291	5.1	21.0
4 1	12 6.64	+16 41.7	2.343	3.286	6.8	21.1
4 11	11 59.12	+16 52.6	2.387	3.280	9.3	21.3
4 21	11 52.88	+16 46.0	2.456	3.275	11.8	21.4
5 1	11 48.37	+16 22.3	2.545	3.269	14.0	21.6

361590 2007 RJ_{245} 3 24.0 277.°02 2.°1/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.75	− 0 38.1	1.506	2.373	14.5	21.1
3 2	12 30.31	+ 0 34.6	1.420	2.354	10.4	20.8
3 12	12 23.45	+ 2 3.3	1.358	2.336	5.8	20.5
3 22	12 14.95	+ 3 40.1	1.322	2.317	2.1	20.2
4 1	12 5.93	+ 5 14.6	1.314	2.298	5.7	20.4
4 11	11 57.67	+ 6 36.1	1.331	2.278	10.8	20.6
4 21	11 51.27	+ 7 37.1	1.371	2.259	15.4	20.8
5 1	11 47.47	+ 8 13.4	1.430	2.240	19.3	21.0

274969 2009 SJ_{346} 3 24.0 296.°13 1.°0/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.25	− 1 4.7	1.701	2.560	13.5	20.8
3 2	12 30.30	− 0 27.0	1.626	2.555	9.7	20.5
3 12	12 23.25	+ 0 21.8	1.575	2.551	5.3	20.3
3 22	12 14.89	+ 1 16.3	1.551	2.546	1.2	20.0
4 1	12 6.24	+ 2 9.4	1.554	2.542	4.4	20.2
4 11	11 58.40	+ 2 54.1	1.584	2.537	8.9	20.4
4 21	11 52.26	+ 3 25.4	1.639	2.533	12.9	20.6
5 1	11 48.43	+ 3 40.2	1.714	2.529	16.4	20.9

28794 2000 HG_{64} 3 24.0 187.°69 4.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.20	−15 5.9	1.866	2.666	15.0	18.9
3 2	12 32.36	−14 52.0	1.781	2.666	11.8	18.7
3 12	12 24.41	−14 16.2	1.719	2.665	8.1	18.5
3 22	12 15.10	−13 19.9	1.683	2.664	4.8	18.3
4 1	12 5.46	−12 8.1	1.675	2.661	4.4	18.2
4 11	11 56.60	−10 48.4	1.696	2.658	7.5	18.4
4 21	11 49.44	− 9 29.1	1.742	2.654	11.3	18.6
5 1	11 44.60	− 8 18.0	1.812	2.649	14.7	18.8

241690 2000 SK_{53} 3 24.0 210.°32 0.°5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.99	− 5 28.9	1.937	2.773	13.1	22.2
3 2	12 32.12	− 4 55.1	1.851	2.766	9.6	22.0
3 12	12 24.25	− 4 7.2	1.789	2.759	5.6	21.7
3 22	12 15.07	− 3 9.2	1.756	2.751	1.2	21.4
4 1	12 5.56	− 2 7.1	1.751	2.742	3.4	21.5
4 11	11 56.75	− 1 7.9	1.776	2.732	7.8	21.8
4 21	11 49.51	− 0 17.5	1.826	2.722	11.7	22.0
5 1	11 44.46	+ 0 19.4	1.898	2.711	15.1	22.2

503697 2016 JF_{9} 3 24.0 180.°71 1.°6/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.67	− 0 16.0	1.934	2.792	12.1	21.5
3 2	12 28.90	+ 0 44.2	1.863	2.793	8.6	21.3
3 12	12 22.36	+ 1 54.4	1.817	2.793	4.7	21.0
3 22	12 14.73	+ 3 8.4	1.798	2.793	1.6	20.8
4 1	12 6.91	+ 4 19.0	1.809	2.793	4.4	21.0
4 11	11 59.81	+ 5 19.4	1.847	2.792	8.4	21.2
4 21	11 54.19	+ 6 4.8	1.910	2.792	12.0	21.5
5 1	11 50.57	+ 6 32.7	1.994	2.792	15.0	21.7

30706 4026 $T\text{-}_{3}$ 3 24.0 198.°97 3.°8/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.51	+ 6 49.1	1.788	2.650	12.8	19.1
3 2	12 33.99	+ 7 41.4	1.717	2.647	9.2	18.9
3 12	12 25.30	+ 8 36.9	1.671	2.643	5.6	18.7
3 22	12 15.26	+ 9 28.6	1.653	2.639	3.9	18.6
4 1	12 4.96	+10 9.4	1.663	2.634	6.5	18.7
4 11	11 55.54	+10 33.6	1.701	2.628	10.3	18.9
4 21	11 47.92	+10 38.8	1.762	2.621	13.9	19.1
5 1	11 42.70	+10 24.9	1.844	2.614	17.0	19.3

34480 2000 SW_{121} 3 24.0 243.°60 5.°1/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.97	+15 42.7	2.549	3.407	9.6	18.4
3 2	12 30.94	+16 23.7	2.477	3.397	7.3	18.3
3 12	12 23.39	+17 0.2	2.432	3.387	5.5	18.1
3 22	12 14.92	+17 27.1	2.416	3.377	5.3	18.1
4 1	12 6.28	+17 40.0	2.428	3.366	6.9	18.2
4 11	11 58.26	+17 36.2	2.468	3.355	9.3	18.3
4 21	11 51.50	+17 15.4	2.532	3.345	11.7	18.5
5 1	11 46.48	+16 38.5	2.617	3.333	13.8	18.6

380452 2003 SP_{370} 3 24.0 148.°99 0.°1/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.79	− 4 20.2	2.240	3.080	11.4	21.8
3 2	12 28.77	− 3 36.6	2.167	3.086	8.2	21.6
3 12	12 22.20	− 2 41.9	2.119	3.091	4.6	21.4
3 22	12 14.71	− 1 40.4	2.101	3.096	0.8	21.1
4 1	12 7.07	− 0 37.6	2.111	3.101	3.1	21.3
4 11	12 0.09	+ 0 20.6	2.151	3.106	6.8	21.5
4 21	11 54.41	+ 1 9.4	2.217	3.110	10.1	21.7
5 1	11 50.49	+ 1 45.6	2.306	3.113	12.9	21.9

199521 2006 DX_{143} 3 24.0 254.°31 0.°5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.62	− 4 20.3	1.978	2.821	12.6	20.4
3 2	12 30.34	− 4 2.7	1.898	2.817	9.2	20.2
3 12	12 23.21	− 3 33.6	1.841	2.812	5.3	19.9
3 22	12 14.90	− 2 56.5	1.812	2.808	1.2	19.6
4 1	12 6.32	− 2 16.2	1.812	2.803	3.3	19.8
4 11	11 58.43	− 1 38.6	1.840	2.799	7.4	20.0
4 21	11 52.03	− 1 8.4	1.894	2.794	11.1	20.2
5 1	11 47.68	− 0 49.4	1.969	2.789	14.4	20.4

423812 2006 JZ_{34} 3 24.0 249.°97 2.°4/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.44	+ 3 53.4	2.063	2.923	11.4	21.2
3 2	12 30.11	+ 4 30.9	1.988	2.919	8.1	21.0
3 12	12 23.03	+ 5 13.2	1.939	2.915	4.6	20.8
3 22	12 14.87	+ 5 55.2	1.919	2.910	2.4	20.6
4 1	12 6.49	+ 6 31.2	1.927	2.906	4.8	20.8
4 11	11 58.81	+ 6 56.4	1.962	2.901	8.4	21.0
4 21	11 52.56	+ 7 7.9	2.023	2.897	11.8	21.2
5 1	11 48.27	+ 7 4.3	2.105	2.892	14.7	21.3

167436 2003 WU_{174} 3 24.0 260.°83 0.°3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.49	− 2 35.4	2.039	2.888	12.0	20.7
3 2	12 29.45	− 2 7.0	1.962	2.885	8.7	20.5
3 12	12 22.67	− 1 28.3	1.909	2.883	4.9	20.2
3 22	12 14.81	− 0 43.7	1.885	2.880	0.8	19.9
4 1	12 6.71	+ 0 1.7	1.888	2.878	3.4	20.1
4 11	11 59.30	+ 0 42.1	1.920	2.875	7.4	20.3
4 21	11 53.31	+ 1 13.1	1.978	2.873	11.0	20.6
5 1	11 49.27	+ 1 31.6	2.058	2.870	14.1	20.8

491286 2011 VS_{6} 3 24.0 168.°86 3.°4/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.55	+ 5 22.2	1.900	2.761	12.2	22.1
3 2	12 32.40	+ 6 29.6	1.836	2.766	8.7	21.9
3 12	12 24.32	+ 7 41.6	1.797	2.770	5.1	21.7
3 22	12 15.10	+ 8 50.9	1.787	2.774	3.5	21.6
4 1	12 5.70	+ 9 50.3	1.806	2.777	6.0	21.8
4 11	11 57.17	+10 33.7	1.852	2.779	9.7	22.0
4 21	11 50.28	+10 58.3	1.923	2.780	13.0	22.2
5 1	11 45.59	+11 3.3	2.014	2.780	15.9	22.4

279013 2008 UX_{288} 3 24.0 230.°47 2.°6/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.10	+ 4 7.5	2.067	2.928	11.3	20.8
3 2	12 29.87	+ 4 53.2	1.993	2.924	8.1	20.6
3 12	12 22.90	+ 5 43.8	1.945	2.920	4.6	20.4
3 22	12 14.85	+ 6 33.9	1.925	2.915	2.6	20.2
4 1	12 6.60	+ 7 17.5	1.933	2.911	5.0	20.4
4 11	11 59.03	+ 7 49.5	1.970	2.906	8.6	20.6
4 21	11 52.89	+ 8 6.7	2.031	2.901	11.9	20.8
5 1	11 48.70	+ 8 7.8	2.114	2.896	14.7	21.0

159313 2006 BF_{150} 3 24.0 230.°67 2.°8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.07	+ 4 42.4	1.888	2.752	12.1	20.0
3 2	12 30.66	+ 5 24.7	1.819	2.752	8.6	19.8
3 12	12 23.38	+ 6 11.5	1.776	2.751	4.9	19.6
3 22	12 14.94	+ 6 56.9	1.760	2.750	2.9	19.4
4 1	12 6.30	+ 7 34.7	1.772	2.749	5.4	19.6
4 11	11 58.46	+ 7 59.6	1.811	2.748	9.1	19.8
4 21	11 52.20	+ 8 8.9	1.875	2.747	12.6	20.0
5 1	11 48.06	+ 8 1.4	1.959	2.746	15.6	20.2

419054 2009 RX_{69} 3 24.0 107.°06 2.°2/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.87	+ 4 18.7	1.994	2.847	12.0	21.1
3 2	12 33.86	+ 4 35.5	1.936	2.863	8.6	20.9
3 12	12 25.05	+ 4 55.4	1.904	2.878	4.8	20.7
3 22	12 15.21	+ 5 13.9	1.900	2.893	2.2	20.6
4 1	12 5.34	+ 5 26.5	1.926	2.907	4.6	20.7
4 11	11 56.40	+ 5 29.5	1.981	2.921	8.2	21.0
4 21	11 49.13	+ 5 21.1	2.061	2.935	11.6	21.2
5 1	11 44.01	+ 5 0.6	2.163	2.948	14.4	21.4

241669 2000 OS_{68} 3 24.0 209.°20 2.°2/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.50	− 9 59.0	1.999	2.817	13.5	21.7
3 2	12 32.50	− 9 40.7	1.909	2.810	10.2	21.5
3 12	12 24.48	− 9 5.6	1.843	2.802	6.5	21.3
3 22	12 15.15	− 8 16.2	1.804	2.794	2.8	21.0
4 1	12 5.46	− 7 17.3	1.794	2.785	3.4	21.0
4 11	11 56.44	− 6 15.6	1.814	2.775	7.3	21.2
4 21	11 48.97	− 5 17.8	1.860	2.764	11.1	21.4
5 1	11 43.67	− 4 29.5	1.929	2.752	14.5	21.6

131929 2002 CN_5 3 24.0 345.°03 0.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.91	− 3 45.2	1.290	2.154	16.6	19.8
3 2	12 32.05	− 3 33.7	1.220	2.150	12.1	19.5
3 12	12 24.49	− 3 6.6	1.172	2.147	7.0	19.2
3 22	12 15.17	− 2 28.6	1.148	2.143	1.4	18.8
4 1	12 5.44	− 1 46.9	1.149	2.141	4.4	19.0
4 11	11 56.79	− 1 9.8	1.175	2.139	9.9	19.3
4 21	11 50.36	− 0 44.1	1.223	2.137	14.9	19.6
5 1	11 46.87	− 0 34.3	1.291	2.136	19.0	19.9

199904 2007 GW_{14} 3 24.0 292.°31 3.°0/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.37	−13 2.5	1.803	2.624	14.6	20.2
3 2	12 28.32	−12 30.4	1.707	2.607	11.3	19.9
3 12	12 22.23	−11 35.6	1.634	2.590	7.5	19.7
3 22	12 14.78	−10 20.7	1.587	2.574	3.8	19.4
4 1	12 6.90	− 8 51.3	1.567	2.557	3.8	19.4
4 11	11 59.66	− 7 16.3	1.574	2.541	7.6	19.6
4 21	11 53.96	− 5 44.8	1.607	2.524	11.7	19.8
5 1	11 50.47	− 4 24.7	1.663	2.508	15.4	19.9

326970 2004 JQ_{45} 3 24.0 318.°10 9.°8/14.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.13	+19 34.5	1.480	2.359	13.9	19.6
3 2	12 30.59	+21 18.1	1.422	2.345	11.3	19.4
3 12	12 23.58	+22 53.1	1.387	2.332	9.8	19.3
3 22	12 15.01	+24 7.7	1.376	2.319	10.4	19.3
4 1	12 6.10	+24 51.9	1.389	2.306	12.8	19.4
4 11	11 58.21	+25 1.0	1.424	2.294	15.8	19.5
4 21	11 52.35	+24 35.7	1.478	2.282	18.9	19.7
5 1	11 49.18	+23 39.9	1.546	2.271	21.5	19.9

452643 2005 UJ_{115} 3 24.1 210.°46 0.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.64	− 3 6.8	1.604	2.454	14.6	22.1
3 2	12 33.64	− 2 36.1	1.525	2.449	10.6	21.8
3 12	12 25.25	− 1 51.6	1.470	2.444	6.0	21.5
3 22	12 15.30	− 0 58.3	1.442	2.438	1.0	21.2
4 1	12 4.97	− 0 3.4	1.442	2.431	4.2	21.4
4 11	11 55.53	+ 0 45.4	1.468	2.424	9.1	21.7
4 21	11 48.01	+ 1 22.0	1.520	2.417	13.6	21.9
5 1	11 43.09	+ 1 42.5	1.591	2.409	17.3	22.1

426474 2013 RK 3 24.1 200.°62 4.°5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.91	−17 30.5	2.330	3.106	13.1	21.9
3 2	12 31.16	−17 36.5	2.237	3.103	10.5	21.7
3 12	12 23.66	−17 24.1	2.168	3.098	7.7	21.5
3 22	12 15.02	−16 53.6	2.125	3.093	5.2	21.3
4 1	12 6.06	−16 7.7	2.110	3.088	4.7	21.3
4 11	11 57.69	−15 11.3	2.125	3.081	6.7	21.4
4 21	11 50.67	−14 10.8	2.166	3.075	9.6	21.5
5 1	11 45.55	−13 12.3	2.232	3.067	12.4	21.7

159205 2005 UY_{445} 3 24.1 62.°79 0.°5/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.44	− 5 53.6	1.271	2.131	17.0	20.5
3 2	12 31.56	− 5 12.1	1.213	2.140	12.5	20.2
3 12	12 24.11	− 4 10.7	1.176	2.150	7.2	19.9
3 22	12 15.10	− 2 56.2	1.164	2.159	1.5	19.6
4 1	12 5.89	− 1 38.2	1.177	2.169	4.4	19.8
4 11	11 57.89	− 0 27.3	1.215	2.179	9.8	20.2
4 21	11 52.13	+ 0 28.4	1.276	2.188	14.5	20.4
5 1	11 49.21	+ 1 4.0	1.357	2.198	18.5	20.7

472933 2015 GL_{23} 3 24.1 341.°18 1.°8/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 29.28	− 1 25.2	1.852	2.716	12.3	20.1
3 2	12 25.88	+ 0 8.9	1.776	2.710	8.7	19.9
3 12	12 20.74	+ 1 56.7	1.726	2.704	4.7	19.7
3 22	12 14.51	+ 3 50.5	1.704	2.698	1.8	19.4
4 1	12 8.05	+ 5 40.7	1.711	2.693	4.9	19.6
4 11	12 2.26	+ 7 18.4	1.745	2.689	8.9	19.9
4 21	11 57.89	+ 8 36.9	1.804	2.685	12.6	20.1
5 1	11 55.46	+ 9 32.8	1.884	2.681	15.8	20.3

219345 2000 QZ_{153} 3 24.1 115.°29 4.°7/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.44	−18 10.2	2.125	2.904	14.1	20.1
3 2	12 30.79	−18 6.4	2.054	2.921	11.3	19.9
3 12	12 23.39	−17 41.7	2.005	2.936	8.2	19.7
3 22	12 14.96	−16 57.5	1.983	2.952	5.5	19.6
4 1	12 6.39	−15 57.6	1.988	2.967	4.8	19.6
4 11	11 58.61	−14 48.3	2.022	2.981	6.8	19.7
4 21	11 52.33	−13 36.9	2.083	2.995	9.7	19.9
5 1	11 48.06	−12 29.9	2.168	3.008	12.5	20.1

57132 2001 PO_6 3 24.1 79.°72 1.°7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.08	− 7 34.4	2.157	2.984	12.3	18.9
3 2	12 30.46	− 7 33.9	2.087	2.995	9.1	18.7
3 12	12 23.19	− 7 21.1	2.042	3.005	5.6	18.5
3 22	12 14.93	− 6 58.6	2.024	3.016	2.2	18.3
4 1	12 6.52	− 6 30.0	2.036	3.027	3.0	18.4
4 11	11 58.84	− 6 0.1	2.076	3.038	6.5	18.6
4 21	11 52.57	− 5 33.6	2.143	3.048	9.8	18.8
5 1	11 48.21	− 5 14.0	2.233	3.059	12.7	19.0

283491 2001 ST_{122} 3 24.1 170.°05 3.°7/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.38	−12 50.8	1.789	2.598	15.2	21.5
3 2	12 33.98	−12 52.8	1.710	2.602	11.7	21.3
3 12	12 25.36	−12 35.2	1.654	2.606	7.9	21.0
3 22	12 15.32	−11 59.4	1.625	2.609	4.4	20.8
4 1	12 4.97	−11 9.8	1.623	2.611	4.3	20.8
4 11	11 55.49	−10 13.2	1.650	2.612	7.8	21.0
4 21	11 47.82	− 9 17.1	1.703	2.613	11.6	21.3
5 1	11 42.60	− 8 28.3	1.778	2.613	15.0	21.5

424642 2008 OA 3 24.1 267.°72 4.°2/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.04	+ 7 45.4	2.115	2.980	10.9	21.7
3 2	12 30.01	+ 9 8.9	2.022	2.953	7.9	21.4
3 12	12 23.11	+10 37.8	1.955	2.926	5.1	21.2
3 22	12 14.95	+12 4.5	1.918	2.898	4.4	21.1
4 1	12 6.35	+13 21.1	1.909	2.869	6.8	21.2
4 11	11 58.28	+14 20.9	1.928	2.840	10.2	21.3
4 21	11 51.54	+14 59.9	1.971	2.810	13.5	21.5
5 1	11 46.77	+15 16.7	2.034	2.779	16.4	21.6

94353 2001 QY_{169} 3 24.1 153.°19 0.°4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.38	− 3 27.8	1.760	2.607	13.7	20.3
3 2	12 32.41	− 2 41.1	1.693	2.615	9.9	20.1
3 12	12 24.39	− 1 41.3	1.649	2.623	5.5	19.8
3 22	12 15.15	− 0 34.0	1.633	2.629	0.9	19.5
4 1	12 5.72	+ 0 33.5	1.647	2.636	3.9	19.7
4 11	11 57.20	+ 1 33.6	1.688	2.641	8.4	20.0
4 21	11 50.44	+ 2 20.8	1.754	2.646	12.3	20.3
5 1	11 45.99	+ 2 51.6	1.841	2.650	15.6	20.5

52174 2183 $T\text{-}_2$ 3 24.1 122.°08 0.°3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.41	− 3 36.0	2.030	2.873	12.3	19.5
3 2	12 30.70	− 2 45.8	1.969	2.890	8.8	19.3
3 12	12 23.30	− 1 44.3	1.933	2.906	4.9	19.1
3 22	12 14.95	− 0 36.8	1.926	2.922	0.8	18.8
4 1	12 6.52	+ 0 30.2	1.948	2.937	3.5	19.0
4 11	11 58.91	+ 1 30.4	1.999	2.952	7.4	19.3
4 21	11 52.80	+ 2 19.0	2.076	2.965	10.8	19.5
5 1	11 48.68	+ 2 52.9	2.176	2.979	13.7	19.7

406480 2007 UN_{96} 3 24.1 196.°31 0.°5/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.69	− 5 45.1	2.057	2.890	12.5	22.4
3 2	12 31.80	− 5 8.8	1.973	2.887	9.2	22.2
3 12	12 24.04	− 4 19.0	1.915	2.884	5.4	21.9
3 22	12 15.10	− 3 19.6	1.884	2.879	1.2	21.6
4 1	12 5.88	− 2 16.3	1.883	2.874	3.2	21.8
4 11	11 57.35	− 1 15.9	1.912	2.868	7.3	22.0
4 21	11 50.31	− 0 24.0	1.966	2.861	11.1	22.2
5 1	11 45.32	+ 0 15.2	2.044	2.853	14.3	22.4

433442 2013 TC_{132} 3 24.1 148.°28 3.°8/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.15	+ 7 35.9	2.039	2.905	11.2	21.2
3 2	12 29.87	+ 8 37.6	1.977	2.909	8.0	21.0
3 12	12 22.89	+ 9 41.3	1.940	2.912	5.0	20.8
3 22	12 14.89	+10 40.6	1.932	2.915	3.9	20.7
4 1	12 6.76	+11 28.9	1.953	2.918	6.2	20.9
4 11	11 59.38	+12 1.4	2.000	2.921	9.4	21.1
4 21	11 53.47	+12 15.8	2.072	2.924	12.4	21.3
5 1	11 49.52	+12 11.9	2.164	2.926	15.0	21.4

522772 2016 NU_{76} 3 24.1 247.°86 1.°7/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.61	− 9 14.3	2.391	3.213	11.4	21.8
3 2	12 27.97	− 8 52.1	2.303	3.207	8.6	21.6
3 12	12 21.82	− 8 16.4	2.239	3.201	5.4	21.4
3 22	12 14.72	− 7 29.7	2.204	3.195	2.3	21.2
4 1	12 7.39	− 6 36.2	2.198	3.189	2.8	21.2
4 11	12 0.59	− 5 41.2	2.220	3.182	6.0	21.4
4 21	11 54.98	− 4 50.0	2.270	3.176	9.3	21.6
5 1	11 51.04	− 4 6.8	2.343	3.170	12.1	21.8

264487 2001 OA_{101} 3 24.1 168.°05 5.°0/18.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.05	+14 1.2	2.478	3.335	9.8	20.8
3 2	12 31.68	+15 5.0	2.420	3.341	7.4	20.7
3 12	12 23.81	+16 5.5	2.389	3.346	5.4	20.6
3 22	12 15.05	+16 56.7	2.388	3.350	5.2	20.5
4 1	12 6.21	+17 33.6	2.415	3.354	6.9	20.7
4 11	11 58.06	+17 52.9	2.471	3.357	9.3	20.8
4 21	11 51.25	+17 53.9	2.551	3.359	11.7	21.0
5 1	11 46.21	+17 37.5	2.652	3.360	13.8	21.1

370749 2004 RH_{186} 3 24.1 136.°41 1.°8/26.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.82	−10 29.6	2.386	3.199	11.7	22.1
3 2	12 29.43	− 9 55.0	2.314	3.213	8.8	22.0
3 12	12 22.57	− 9 5.8	2.267	3.225	5.5	21.8
3 22	12 14.84	− 8 5.3	2.248	3.238	2.4	21.6
4 1	12 7.01	− 6 58.3	2.259	3.249	2.8	21.6
4 11	11 59.83	− 5 50.6	2.299	3.260	6.0	21.8
4 21	11 53.93	− 4 47.7	2.368	3.271	9.1	22.1
5 1	11 49.75	− 3 54.1	2.460	3.281	11.8	22.3

5766 1986 QR_3 3 24.1 269.°47 1.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.66	+ 0 29.0	1.484	2.348	14.8	17.2
3 2	12 33.11	+ 0 58.4	1.407	2.339	10.7	17.0
3 12	12 25.05	+ 1 38.4	1.353	2.330	6.0	16.7
3 22	12 15.31	+ 2 22.8	1.325	2.320	1.6	16.3
4 1	12 5.14	+ 3 4.4	1.324	2.311	5.1	16.6
4 11	11 55.89	+ 3 35.6	1.348	2.301	10.1	16.8
4 21	11 48.66	+ 3 51.7	1.396	2.291	14.7	17.0
5 1	11 44.16	+ 3 49.9	1.463	2.282	18.5	17.3

177905 2005 SA_{11} 3 24.1 301.°55 1.°6/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.13	− 8 40.7	2.260	3.087	11.8	20.4
3 2	12 27.72	− 8 20.4	2.171	3.079	8.8	20.2
3 12	12 21.72	− 7 46.1	2.107	3.070	5.5	20.0
3 22	12 14.71	− 7 0.8	2.070	3.061	2.2	19.8
4 1	12 7.44	− 6 8.7	2.061	3.053	2.9	19.8
4 11	12 0.73	− 5 15.3	2.082	3.044	6.3	20.0
4 21	11 55.24	− 4 26.0	2.128	3.036	9.7	20.2
5 1	11 51.50	− 3 45.4	2.198	3.028	12.7	20.4

458797 2011 SH_{175} 3 24.1 134.°50 1.°0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.37	− 2 29.6	1.619	2.474	14.3	21.7
3 2	12 31.80	− 1 32.0	1.556	2.483	10.2	21.5
3 12	12 24.10	− 0 21.0	1.517	2.492	5.6	21.2
3 22	12 15.12	+ 0 56.6	1.505	2.500	1.1	20.9
4 1	12 5.98	+ 2 12.2	1.521	2.508	4.5	21.2
4 11	11 57.81	+ 3 17.7	1.564	2.516	9.1	21.5
4 21	11 51.51	+ 4 7.1	1.631	2.523	13.1	21.7
5 1	11 47.61	+ 4 37.4	1.719	2.529	16.5	22.0

430736 2004 GN_{57} 3 24.1 302.°38 1.°7/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 30.31	−11 0.4	2.078	2.904	12.7	21.4
3 2	12 26.57	−10 5.4	1.982	2.888	9.6	21.1
3 12	12 21.14	− 8 50.7	1.911	2.873	6.1	20.9
3 22	12 14.62	− 7 20.1	1.866	2.857	2.5	20.6
4 1	12 7.79	− 5 39.8	1.850	2.842	3.0	20.6
4 11	12 1.52	− 3 58.3	1.864	2.827	6.8	20.8
4 21	11 56.55	− 2 23.4	1.903	2.813	10.6	21.0
5 1	11 53.42	− 1 1.7	1.966	2.798	13.9	21.2

330434 2007 DS_{13} 3 24.1 339.°11 0.°1/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.76	− 4 17.0	1.477	2.339	15.0	20.5
3 2	12 28.80	− 3 34.4	1.403	2.333	10.9	20.3
3 12	12 22.57	− 2 35.0	1.351	2.327	6.2	20.0
3 22	12 14.88	− 1 24.6	1.325	2.321	1.0	19.6
4 1	12 6.84	− 0 11.6	1.325	2.316	4.2	19.8
4 11	11 59.68	+ 0 54.6	1.350	2.311	9.2	20.1
4 21	11 54.36	+ 1 46.8	1.399	2.307	13.8	20.3
5 1	11 51.53	+ 2 20.3	1.468	2.304	17.6	20.6

386132 2007 TQ_{39} 3 24.1 82.°56 0.°9/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.24	− 0 50.2	2.175	3.025	11.3	21.6
3 2	12 29.07	− 0 12.2	2.116	3.041	8.0	21.4
3 12	12 22.37	+ 0 33.6	2.082	3.057	4.4	21.2
3 22	12 14.81	+ 1 22.6	2.077	3.073	1.0	21.0
4 1	12 7.18	+ 2 9.5	2.101	3.088	3.5	21.2
4 11	12 0.29	+ 2 49.2	2.154	3.103	7.1	21.4
4 21	11 54.76	+ 3 18.2	2.232	3.119	10.3	21.7
5 1	11 51.02	+ 3 34.4	2.333	3.134	13.0	21.9

277 Elvira 3 24.1 174.°38 0.°4/24.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.05	− 5 2.5	2.309	3.145	11.2	14.8
3 2	12 28.98	− 4 31.0	2.231	3.147	8.2	14.6
3 12	12 22.37	− 3 48.4	2.178	3.148	4.7	14.4
3 22	12 14.82	− 2 58.4	2.153	3.149	1.0	14.2
4 1	12 7.09	− 2 5.9	2.159	3.149	2.9	14.3
4 11	11 59.98	− 1 16.1	2.193	3.150	6.5	14.5
4 21	11 54.12	− 0 33.7	2.254	3.150	9.8	14.7
5 1	11 50.00	− 0 2.1	2.338	3.150	12.6	14.9

192787 1999 UE_{34} 3 24.1 103.°72 0.°9/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.90	− 6 48.8	1.961	2.800	12.8	21.5
3 2	12 29.08	− 6 14.4	1.888	2.804	9.5	21.2
3 12	12 22.50	− 5 25.5	1.839	2.808	5.6	21.0
3 22	12 14.85	− 4 26.2	1.817	2.812	1.6	20.7
4 1	12 7.01	− 3 22.6	1.824	2.816	3.1	20.9
4 11	11 59.90	− 2 21.3	1.859	2.820	7.1	21.1
4 21	11 54.26	− 1 28.3	1.920	2.823	10.8	21.3
5 1	11 50.61	− 0 47.8	2.003	2.827	14.0	21.6

123862 2001 DF_3 3 24.1 219.°67 4.°0/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 51.46	− 7 19.7	1.269	2.102	18.8	19.6
3 2	12 43.06	− 8 26.4	1.188	2.096	14.4	19.3
3 12	12 31.03	− 9 19.6	1.129	2.091	9.3	19.0
3 22	12 16.41	− 9 57.6	1.095	2.084	4.6	18.7
4 1	12 0.93	−10 20.8	1.089	2.077	5.6	18.7
4 11	11 46.62	−10 33.1	1.109	2.070	10.8	19.0
4 21	11 35.11	−10 40.9	1.153	2.061	16.0	19.2
5 1	11 27.41	−10 50.8	1.217	2.053	20.5	19.5

258074 2001 PO_3 3 24.1 139.°58 2.°0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.65	−10 58.6	2.455	3.261	11.6	21.3
3 2	12 30.69	−10 30.5	2.383	3.277	8.8	21.2
3 12	12 23.26	− 9 48.1	2.336	3.293	5.6	21.0
3 22	12 14.97	− 8 54.3	2.318	3.307	2.6	20.8
4 1	12 6.59	− 7 53.4	2.331	3.321	2.8	20.8
4 11	11 58.88	− 6 51.1	2.374	3.334	5.9	21.1
4 21	11 52.46	− 5 52.5	2.444	3.346	8.9	21.3
5 1	11 47.77	− 5 2.1	2.539	3.357	11.6	21.5

415550 2014 QZ_{190} 3 24.1 218.°65 0.°3/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.41	− 3 58.8	1.901	2.744	13.0	21.6
3 2	12 31.78	− 3 8.9	1.814	2.734	9.5	21.4
3 12	12 24.13	− 2 5.0	1.752	2.724	5.3	21.1
3 22	12 15.15	− 0 51.9	1.718	2.713	0.9	20.8
4 1	12 5.82	+ 0 23.2	1.713	2.702	3.8	21.0
4 11	11 57.18	+ 1 32.7	1.736	2.689	8.2	21.2
4 21	11 50.10	+ 2 30.1	1.786	2.676	12.2	21.4
5 1	11 45.23	+ 3 11.4	1.857	2.662	15.7	21.6

192578 1998 XU_{61} 3 24.1 73.°77 4.°3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.36	+ 5 35.9	1.283	2.159	15.8	20.3
3 2	12 34.12	+ 6 40.1	1.244	2.181	11.2	20.1
3 12	12 25.40	+ 7 48.2	1.228	2.203	6.6	19.9
3 22	12 15.35	+ 8 50.3	1.237	2.225	4.4	19.8
4 1	12 5.38	+ 9 37.4	1.272	2.247	7.4	20.0
4 11	11 56.85	+10 3.2	1.332	2.269	11.7	20.3
4 21	11 50.69	+10 6.1	1.414	2.290	15.7	20.6
5 1	11 47.36	+ 9 47.2	1.514	2.312	18.9	20.9

36382 2000 OC_{28} 3 24.1 143.°71 0.°2/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.48	− 4 48.6	1.662	2.510	14.3	18.9
3 2	12 31.17	− 3 50.1	1.594	2.517	10.3	18.7
3 12	12 23.76	− 2 35.7	1.551	2.524	5.8	18.4
3 22	12 15.09	− 1 11.7	1.535	2.531	1.0	18.1
4 1	12 6.23	+ 0 13.2	1.547	2.537	4.0	18.3
4 11	11 58.29	+ 1 30.4	1.586	2.542	8.6	18.6
4 21	11 52.14	+ 2 32.9	1.651	2.547	12.7	18.9
5 1	11 48.34	+ 3 16.8	1.736	2.552	16.2	19.1

48192 2001 HL_{57} 3 24.1 269.°08 5.°5/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.33	+12 9.2	2.121	2.992	10.7	19.0
3 2	12 28.70	+13 38.4	2.046	2.976	8.0	18.8
3 12	12 22.33	+15 8.0	1.997	2.960	5.8	18.6
3 22	12 14.85	+16 30.2	1.977	2.943	5.8	18.6
4 1	12 7.08	+17 37.2	1.984	2.927	7.9	18.7
4 11	11 59.91	+18 23.7	2.018	2.910	10.8	18.8
4 21	11 54.10	+18 47.4	2.074	2.893	13.7	19.0
5 1	11 50.20	+18 48.2	2.150	2.876	16.2	19.1

105016 2000 KM_{13} 3 24.1 155.°08 3.°1/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.93	−14 52.1	2.480	3.274	11.9	20.4
3 2	12 28.13	−14 30.3	2.397	3.278	9.3	20.2
3 12	12 21.89	−13 51.7	2.338	3.282	6.4	20.0
3 22	12 14.76	−12 58.3	2.307	3.286	3.8	19.9
4 1	12 7.46	−11 54.2	2.304	3.290	3.4	19.8
4 11	12 0.74	−10 44.8	2.331	3.293	5.8	20.0
4 21	11 55.21	− 9 36.0	2.385	3.296	8.7	20.2
5 1	11 51.33	− 8 33.0	2.464	3.299	11.4	20.4

211673 2003 WZ_{31} 3 24.1 263.°60 0.°5/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.29	− 1 19.1	1.597	2.452	14.4	20.2
3 2	12 33.45	− 1 5.5	1.517	2.444	10.5	19.9
3 12	12 25.21	− 0 41.3	1.461	2.435	5.9	19.6
3 22	12 15.38	− 0 10.8	1.430	2.426	1.0	19.3
4 1	12 5.13	+ 0 19.9	1.428	2.417	4.3	19.5
4 11	11 55.75	+ 0 44.5	1.452	2.409	9.2	19.7
4 21	11 48.26	+ 0 58.2	1.501	2.400	13.6	20.0
5 1	11 43.38	+ 0 57.8	1.569	2.390	17.3	20.2

241331 2007 VJ_{169} 3 24.1 188.°74 6.°8/15.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.68	+21 3.6	2.475	3.331	9.9	20.5
3 2	12 30.08	+22 11.0	2.423	3.331	8.0	20.4
3 12	12 22.95	+23 10.3	2.396	3.330	6.9	20.3
3 22	12 14.95	+23 55.1	2.397	3.329	7.2	20.3
4 1	12 6.84	+24 20.8	2.425	3.328	8.7	20.4
4 11	11 59.43	+24 25.0	2.479	3.326	10.7	20.6
4 21	11 53.34	+24 8.2	2.555	3.324	12.7	20.7
5 1	11 49.01	+23 32.1	2.649	3.322	14.5	20.8

82906 2001 QJ_{99} 3 24.1 221.°19 2.°8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.88	−13 42.6	2.635	3.432	11.2	19.2
3 2	12 28.09	−13 25.2	2.540	3.425	8.7	19.0
3 12	12 21.88	−12 52.6	2.470	3.417	5.9	18.8
3 22	12 14.78	−12 6.7	2.428	3.410	3.4	18.6
4 1	12 7.44	−11 10.6	2.415	3.402	3.2	18.6
4 11	12 0.58	−10 9.5	2.431	3.393	5.6	18.7
4 21	11 54.81	− 9 8.5	2.476	3.385	8.5	18.9
5 1	11 50.61	− 8 12.6	2.545	3.376	11.2	19.1

217959 2001 UM_{154} 3 24.1 154.°30 1.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.66	− 7 25.0	2.003	2.835	12.9	20.5
3 2	12 30.34	− 6 56.1	1.928	2.840	9.5	20.3
3 12	12 23.22	− 6 12.7	1.877	2.844	5.7	20.1
3 22	12 15.01	− 5 18.5	1.854	2.848	1.8	19.8
4 1	12 6.60	− 4 19.0	1.860	2.852	3.1	19.9
4 11	11 58.93	− 3 20.8	1.894	2.855	7.0	20.2
4 21	11 52.74	− 2 29.7	1.955	2.858	10.7	20.4
5 1	11 48.58	− 1 49.9	2.038	2.861	13.8	20.6

112734 2002 PX_{126} 3 24.1 228.°24 1.°2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.27	− 0 35.9	1.979	2.829	12.3	20.9
3 2	12 31.62	+ 0 6.9	1.893	2.818	8.8	20.6
3 12	12 24.03	+ 0 59.8	1.832	2.807	4.9	20.4
3 22	12 15.17	+ 1 57.6	1.799	2.795	1.2	20.1
4 1	12 5.96	+ 2 53.9	1.796	2.782	4.2	20.3
4 11	11 57.42	+ 3 42.4	1.821	2.769	8.3	20.5
4 21	11 50.38	+ 4 18.3	1.871	2.755	12.1	20.7
5 1	11 45.45	+ 4 38.6	1.943	2.740	15.4	20.9

348882 2006 SP_{240} 3 24.1 105.°66 0.°5/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.42	− 3 29.1	2.310	3.156	10.9	21.1
3 2	12 27.08	− 2 29.9	2.238	3.161	7.8	20.9
3 12	12 21.30	− 1 20.1	2.192	3.166	4.3	20.7
3 22	12 14.67	− 0 4.4	2.175	3.171	0.7	20.4
4 1	12 7.90	+ 1 11.0	2.187	3.176	3.2	20.6
4 11	12 1.73	+ 2 20.1	2.229	3.181	6.8	20.9
4 21	11 56.77	+ 3 18.2	2.297	3.185	10.0	21.1
5 1	11 53.46	+ 4 1.9	2.387	3.190	12.7	21.3

269577 2009 WM_{199} 3 24.1 97.°36 3.°3/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.69	+ 4 59.0	1.859	2.727	12.1	20.9
3 2	12 29.69	+ 6 2.0	1.797	2.731	8.6	20.6
3 12	12 22.86	+ 7 9.9	1.761	2.736	5.0	20.4
3 22	12 14.94	+ 8 15.6	1.751	2.740	3.3	20.3
4 1	12 6.87	+ 9 11.9	1.770	2.744	5.9	20.5
4 11	11 59.61	+ 9 53.0	1.816	2.748	9.5	20.7
4 21	11 53.92	+10 15.8	1.886	2.752	12.8	20.9
5 1	11 50.31	+10 19.5	1.975	2.756	15.7	21.1

140665 2001 UH_{45} 3 24.1 125.°84 1.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.80	− 9 53.6	2.361	3.183	11.5	20.3
3 2	12 27.36	− 9 13.6	2.283	3.187	8.6	20.1
3 12	12 21.46	− 8 18.8	2.230	3.191	5.4	19.9
3 22	12 14.70	− 7 12.8	2.204	3.195	2.2	19.7
4 1	12 7.78	− 6 0.5	2.208	3.200	2.7	19.7
4 11	12 1.46	− 4 48.1	2.241	3.204	6.0	20.0
4 21	11 56.33	− 3 41.2	2.302	3.207	9.2	20.2
5 1	11 52.85	− 2 44.4	2.386	3.211	12.0	20.3

415567 2014 QS_{240} 3 24.1 153.°85 1.°1/22.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.10	− 0 52.8	2.031	2.878	12.1	22.8
3 2	12 31.99	− 0 6.3	1.963	2.887	8.6	22.6
3 12	12 24.11	+ 0 49.4	1.921	2.896	4.7	22.3
3 22	12 15.17	+ 1 48.9	1.908	2.904	1.2	22.1
4 1	12 6.09	+ 2 46.0	1.925	2.911	4.0	22.3
4 11	11 57.81	+ 3 34.8	1.970	2.917	7.8	22.6
4 21	11 51.06	+ 4 11.0	2.041	2.923	11.3	22.8
5 1	11 46.36	+ 4 32.3	2.135	2.928	14.3	23.0

166972 2003 OJ_4 3 24.1 192.°66 1.°3/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.37	− 7 14.1	1.855	2.687	13.7	21.1
3 2	12 32.48	− 6 53.8	1.774	2.686	10.2	20.8
3 12	12 24.53	− 6 18.2	1.717	2.684	6.2	20.6
3 22	12 15.26	− 5 30.8	1.688	2.681	2.0	20.3
4 1	12 5.68	− 4 37.0	1.687	2.678	3.4	20.4
4 11	11 56.89	− 3 43.6	1.714	2.675	7.7	20.7
4 21	11 49.75	− 2 56.9	1.768	2.671	11.6	20.9
5 1	11 44.88	− 2 21.7	1.843	2.666	15.1	21.1

431198 2006 SG_{120} 3 24.1 146.°73 2.°5/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.86	+ 6 51.0	2.745	3.598	9.1	21.7
3 2	12 30.00	+ 7 21.3	2.680	3.606	6.5	21.5
3 12	12 22.84	+ 7 52.8	2.642	3.614	3.8	21.4
3 22	12 14.94	+ 8 21.4	2.634	3.621	2.5	21.3
4 1	12 6.96	+ 8 43.4	2.657	3.628	4.3	21.4
4 11	11 59.57	+ 8 55.8	2.708	3.635	7.0	21.6
4 21	11 53.31	+ 8 57.1	2.787	3.641	9.5	21.8
5 1	11 48.60	+ 8 46.6	2.888	3.647	11.7	21.9

334783 2003 SG_{151} 3 24.1 245.°02 3.°7/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.92	+ 8 2.7	2.187	3.050	10.7	20.6
3 2	12 30.48	+ 8 54.8	2.108	3.038	7.7	20.4
3 12	12 23.31	+ 9 49.1	2.055	3.026	4.9	20.2
3 22	12 15.04	+10 39.5	2.030	3.013	3.8	20.1
4 1	12 6.52	+11 20.2	2.035	3.000	6.0	20.2
4 11	11 58.61	+11 46.4	2.066	2.987	9.1	20.4
4 21	11 52.07	+11 55.8	2.123	2.973	12.2	20.5
5 1	11 47.43	+11 47.7	2.200	2.959	14.9	20.7

34051 2000 OK_{37} 3 24.1 230.°24 0.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.87	− 1 25.6	2.741	3.586	9.4	20.5
3 2	12 27.29	− 0 27.0	2.651	3.574	6.7	20.3
3 12	12 21.41	+ 0 40.3	2.588	3.562	3.7	20.1
3 22	12 14.71	+ 1 51.9	2.555	3.550	0.9	19.8
4 1	12 7.80	+ 3 2.7	2.552	3.537	3.2	20.0
4 11	12 1.33	+ 4 7.6	2.580	3.524	6.4	20.2
4 21	11 55.86	+ 5 2.4	2.634	3.511	9.3	20.3
5 1	11 51.83	+ 5 44.3	2.712	3.497	11.8	20.5

242315 2003 WR_{125} 3 24.1 148.°55 6.°4/15.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.45	+20 49.7	2.633	3.485	9.5	20.8
3 2	12 30.50	+21 59.0	2.588	3.495	7.6	20.7
3 12	12 23.14	+23 0.3	2.571	3.504	6.5	20.7
3 22	12 15.00	+23 47.7	2.581	3.512	6.8	20.7
4 1	12 6.82	+24 16.9	2.620	3.520	8.2	20.8
4 11	11 59.33	+24 25.8	2.684	3.528	10.1	20.9
4 21	11 53.12	+24 14.7	2.771	3.535	12.0	21.1
5 1	11 48.60	+23 45.5	2.877	3.541	13.6	21.2

43478 2001 BH_9 3 24.1 20.°24 1.°9/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.63	+ 0 18.9	1.246	2.123	16.2	17.9
3 2	12 31.05	+ 0 57.2	1.189	2.127	11.5	17.6
3 12	12 23.90	+ 1 47.3	1.154	2.132	6.4	17.3
3 22	12 15.16	+ 2 41.6	1.143	2.138	1.9	17.1
4 1	12 6.21	+ 3 31.0	1.157	2.145	5.6	17.3
4 11	11 58.45	+ 4 7.3	1.195	2.152	10.7	17.6
4 21	11 52.91	+ 4 25.3	1.255	2.159	15.3	17.9
5 1	11 50.21	+ 4 23.1	1.334	2.168	19.1	18.2

776 Berbericia 3 24.1 137.°19 7.°5/14.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.98	+23 20.1	2.438	3.288	10.2	12.7
3 2	12 30.97	+24 33.6	2.398	3.298	8.5	12.6
3 12	12 23.43	+25 36.6	2.385	3.308	7.5	12.6
3 22	12 15.05	+26 22.7	2.398	3.317	7.9	12.6
4 1	12 6.64	+26 47.5	2.439	3.325	9.3	12.7
4 11	11 59.02	+26 49.2	2.504	3.334	11.2	12.8
4 21	11 52.80	+26 28.8	2.591	3.342	13.0	13.0
5 1	11 48.43	+25 48.9	2.696	3.349	14.7	13.1

258062 2001 OD_{52} 3 24.1 182.°46 6.°4/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.67	+16 58.9	2.306	3.167	10.3	21.2
3 2	12 30.89	+18 30.1	2.250	3.168	8.0	21.0
3 12	12 23.47	+19 56.3	2.222	3.168	6.5	20.9
3 22	12 15.07	+21 10.0	2.222	3.168	6.7	20.9
4 1	12 6.52	+22 4.9	2.250	3.167	8.5	21.0
4 11	11 58.68	+22 37.3	2.304	3.165	10.9	21.2
4 21	11 52.23	+22 46.6	2.381	3.163	13.2	21.4
5 1	11 47.65	+22 34.4	2.476	3.159	15.2	21.5

189398 Soemmerring 3 24.1 249.°22 2.°3/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.26	+ 2 10.4	1.963	2.823	11.9	20.9
3 2	12 30.19	+ 3 8.0	1.879	2.810	8.5	20.7
3 12	12 23.24	+ 4 14.1	1.821	2.797	4.8	20.4
3 22	12 15.05	+ 5 22.4	1.791	2.783	2.3	20.2
4 1	12 6.54	+ 6 25.9	1.789	2.769	5.0	20.4
4 11	11 58.67	+ 7 17.9	1.816	2.755	9.0	20.6
4 21	11 52.27	+ 7 53.9	1.866	2.740	12.6	20.8
5 1	11 47.93	+ 8 11.7	1.938	2.725	15.7	21.0

5192 Yabuki 3 24.1 138.°78 6.°0/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.04	+18 5.8	2.532	3.394	9.5	16.1
3 2	12 28.84	+19 15.1	2.483	3.399	7.4	16.0
3 12	12 22.25	+20 18.3	2.459	3.404	6.1	15.9
3 22	12 14.86	+21 9.5	2.464	3.409	6.3	15.9
4 1	12 7.38	+21 43.9	2.497	3.414	7.8	16.0
4 11	12 0.56	+21 59.0	2.555	3.418	9.9	16.1
4 21	11 54.97	+21 54.4	2.637	3.423	12.0	16.3
5 1	11 51.04	+21 31.4	2.738	3.427	13.8	16.5

27792 Fridakahlo 3 24.1 183.°40 2.°5/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.10	−11 6.1	2.525	3.332	11.3	18.3
3 2	12 29.70	−11 4.6	2.439	3.332	8.7	18.1
3 12	12 22.80	−10 50.1	2.378	3.332	5.7	18.0
3 22	12 14.97	−10 24.1	2.346	3.331	3.0	17.8
4 1	12 6.92	− 9 49.7	2.343	3.331	3.0	17.8
4 11	11 59.42	− 9 11.2	2.369	3.330	5.8	17.9
4 21	11 53.10	− 8 33.2	2.422	3.329	8.8	18.1
5 1	11 48.45	− 8 0.0	2.500	3.327	11.5	18.3

206845 2004 ET_{92} 3 24.1 29.°48 4.°4/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.55	+ 9 51.2	1.942	2.811	11.6	19.6
3 2	12 30.24	+10 35.3	1.884	2.816	8.4	19.4
3 12	12 23.15	+11 18.8	1.851	2.821	5.4	19.2
3 22	12 15.03	+11 55.4	1.846	2.826	4.5	19.2
4 1	12 6.80	+12 19.4	1.868	2.831	6.6	19.3
4 11	11 59.40	+12 27.1	1.917	2.837	9.7	19.5
4 21	11 53.55	+12 17.2	1.989	2.843	12.8	19.7
5 1	11 49.75	+11 50.3	2.082	2.849	15.4	19.9

305693 2009 BB_{131} 3 24.1 74.°44 0.°6/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.19	− 1 7.8	1.444	2.303	15.4	21.0
3 2	12 34.09	− 0 55.0	1.382	2.310	11.1	20.7
3 12	12 25.53	− 0 31.3	1.342	2.317	6.2	20.4
3 22	12 15.47	− 0 1.8	1.329	2.324	1.1	20.1
4 1	12 5.19	+ 0 27.1	1.342	2.332	4.5	20.4
4 11	11 56.04	+ 0 48.8	1.381	2.339	9.4	20.7
4 21	11 49.03	+ 0 58.9	1.444	2.346	13.9	20.9
5 1	11 44.77	+ 0 54.6	1.527	2.353	17.5	21.2

210999 2001 XR_{49} 3 24.1 126.°34 1.°8/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.58	− 9 40.2	2.349	3.170	11.6	20.4
3 2	12 27.95	− 9 15.3	2.269	3.172	8.7	20.2
3 12	12 21.84	− 8 36.3	2.214	3.175	5.5	20.0
3 22	12 14.81	− 7 46.2	2.187	3.177	2.3	19.8
4 1	12 7.61	− 6 49.4	2.189	3.180	2.8	19.8
4 11	12 1.00	− 5 51.4	2.219	3.182	6.0	20.0
4 21	11 55.61	− 4 57.5	2.277	3.184	9.2	20.2
5 1	11 51.89	− 4 12.1	2.359	3.187	12.0	20.4

495337 2014 MT_{35} 3 24.1 20.°01 2.°5/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.65	+ 0 44.4	1.136	2.016	17.1	20.6
3 2	12 32.03	+ 1 36.2	1.078	2.018	12.2	20.3
3 12	12 24.56	+ 2 41.3	1.042	2.021	6.8	20.0
3 22	12 15.31	+ 3 50.4	1.030	2.024	2.5	19.8
4 1	12 5.78	+ 4 52.5	1.042	2.028	6.4	20.0
4 11	11 57.55	+ 5 37.8	1.077	2.032	11.8	20.3
4 21	11 51.75	+ 6 0.9	1.133	2.036	16.7	20.6
5 1	11 49.05	+ 5 59.9	1.207	2.041	20.8	20.9

30211 Sheilah 3 24.1 124.°29 0.°6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.12	− 3 58.7	1.563	2.416	14.8	18.2
3 2	12 31.70	− 2 52.8	1.502	2.428	10.6	18.0
3 12	12 24.10	− 1 31.1	1.465	2.439	5.9	17.7
3 22	12 15.21	− 0 1.1	1.454	2.450	1.0	17.4
4 1	12 6.18	+ 1 27.8	1.472	2.460	4.4	17.7
4 11	11 58.17	+ 2 46.4	1.516	2.470	9.1	18.0
4 21	11 52.06	+ 3 48.1	1.585	2.479	13.3	18.2
5 1	11 48.41	+ 4 29.2	1.675	2.488	16.7	18.5

239567 2008 SD_{302} 3 24.1 62.°77 0.°8/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.50	− 5 15.5	1.951	2.792	12.8	20.4
3 2	12 30.29	− 4 59.0	1.875	2.793	9.4	20.2
3 12	12 23.26	− 4 30.1	1.824	2.794	5.5	20.0
3 22	12 15.08	− 3 52.4	1.800	2.795	1.4	19.7
4 1	12 6.67	− 3 10.9	1.805	2.796	3.2	19.8
4 11	11 59.00	− 2 31.3	1.837	2.797	7.3	20.1
4 21	11 52.83	− 1 58.7	1.895	2.799	11.0	20.3
5 1	11 48.72	− 1 36.8	1.976	2.800	14.2	20.5

110791 2001 UY_{35} 3 24.1 110.°22 6.°7/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.75	+16 23.3	1.947	2.811	11.8	19.0
3 2	12 32.45	+17 36.2	1.906	2.827	9.0	18.9
3 12	12 24.34	+18 42.3	1.891	2.843	7.0	18.8
3 22	12 15.25	+19 33.8	1.903	2.859	7.0	18.8
4 1	12 6.17	+20 4.8	1.943	2.874	8.8	18.9
4 11	11 58.07	+20 12.7	2.008	2.888	11.4	19.1
4 21	11 51.68	+19 57.9	2.095	2.903	13.9	19.3
5 1	11 47.44	+19 22.9	2.202	2.916	16.1	19.5

500420 2012 TJ_{131} 3 24.1 121.°57 0.°7/23.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.57	− 1 25.7	2.542	3.386	10.1	22.6
3 2	12 28.47	− 0 44.4	2.476	3.399	7.2	22.5
3 12	12 22.04	+ 0 4.2	2.438	3.411	3.9	22.3
3 22	12 14.85	+ 0 56.2	2.428	3.424	0.8	22.0
4 1	12 7.58	+ 1 46.9	2.449	3.436	3.1	22.2
4 11	12 0.92	+ 2 31.6	2.499	3.448	6.3	22.5
4 21	11 55.41	+ 3 6.9	2.576	3.459	9.2	22.7
5 1	11 51.46	+ 3 30.7	2.676	3.470	11.7	22.9

379397 2009 YY_{20} 3 24.1 106.°32 3.°1/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.68	+ 5 21.2	1.941	2.806	11.8	21.0
3 2	12 30.37	+ 6 9.0	1.877	2.809	8.4	20.8
3 12	12 23.26	+ 7 0.7	1.838	2.812	4.9	20.6
3 22	12 15.08	+ 7 50.1	1.826	2.815	3.1	20.5
4 1	12 6.74	+ 8 31.0	1.843	2.818	5.5	20.6
4 11	11 59.19	+ 8 58.3	1.887	2.821	9.0	20.8
4 21	11 53.17	+ 9 9.6	1.956	2.824	12.4	21.0
5 1	11 49.20	+ 9 3.9	2.045	2.826	15.2	21.2

38651 2000 ON_{18} 3 24.1 145.°87 1.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.79	− 0 6.2	1.953	2.802	12.4	20.2
3 2	12 32.53	+ 0 48.0	1.889	2.815	8.8	20.0
3 12	12 24.44	+ 1 51.0	1.852	2.827	4.8	19.8
3 22	12 15.28	+ 2 56.9	1.843	2.838	1.5	19.6
4 1	12 6.01	+ 3 58.8	1.864	2.848	4.3	19.8
4 11	11 57.60	+ 4 50.7	1.913	2.857	8.2	20.1
4 21	11 50.80	+ 5 28.2	1.988	2.866	11.8	20.3
5 1	11 46.13	+ 5 49.3	2.084	2.873	14.7	20.5

276962 2004 TJ_{343} 3 24.1 228.°26 9.°0/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 45.01	+27 33.5	2.268	3.099	11.6	20.7
3 2	12 36.97	+28 25.9	2.207	3.089	10.0	20.6
3 12	12 26.93	+29 3.9	2.173	3.079	9.0	20.5
3 22	12 15.72	+29 20.3	2.164	3.068	9.4	20.5
4 1	12 4.40	+29 10.5	2.183	3.056	10.8	20.6
4 11	11 54.03	+28 33.5	2.227	3.045	12.8	20.7
4 21	11 45.44	+27 31.8	2.292	3.032	14.8	20.8
5 1	11 39.16	+26 9.6	2.376	3.020	16.6	21.0

277698 2006 CQ_{43} 3 24.1 285.°86 0.°7/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.37	− 3 40.2	1.910	2.752	13.0	20.7
3 2	12 32.53	− 3 45.0	1.822	2.741	9.6	20.4
3 12	12 24.62	− 3 39.8	1.759	2.730	5.6	20.2
3 22	12 15.35	− 3 27.2	1.724	2.719	1.4	19.8
4 1	12 5.68	− 3 11.0	1.717	2.708	3.4	20.0
4 11	11 56.70	− 2 56.1	1.738	2.697	7.7	20.2
4 21	11 49.29	− 2 46.7	1.784	2.686	11.6	20.4
5 1	11 44.10	− 2 46.1	1.853	2.675	15.0	20.6

349564 2008 SE_{172} 3 24.1 137.°25 2.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.09	−10 22.8	1.698	2.519	15.3	21.2
3 2	12 34.50	−10 15.8	1.630	2.532	11.6	21.0
3 12	12 25.68	− 9 50.3	1.585	2.544	7.4	20.8
3 22	12 15.52	− 9 9.0	1.566	2.555	3.4	20.5
4 1	12 5.15	− 8 17.3	1.576	2.566	3.8	20.6
4 11	11 55.79	− 7 22.4	1.613	2.576	7.9	20.8
4 21	11 48.34	− 6 31.7	1.676	2.585	11.8	21.1
5 1	11 43.40	− 5 50.7	1.761	2.593	15.3	21.3

242988 2006 SM_{360} 3 24.1 256.°48 0.°2/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.42	− 4 38.3	2.417	3.255	10.7	21.0
3 2	12 27.87	− 4 0.3	2.327	3.244	7.8	20.7
3 12	12 21.83	− 3 11.1	2.262	3.233	4.5	20.5
3 22	12 14.85	− 2 14.6	2.226	3.222	0.9	20.2
4 1	12 7.61	− 1 15.5	2.220	3.210	2.9	20.4
4 11	12 0.89	− 0 19.4	2.243	3.199	6.4	20.6
4 21	11 55.30	+ 0 29.1	2.292	3.187	9.7	20.8
5 1	11 51.36	+ 1 6.3	2.365	3.175	12.6	20.9

407329 2010 PZ_{60} 3 24.1 163.°94 0.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.42	− 4 38.7	2.052	2.889	12.4	22.4
3 2	12 31.57	− 4 0.6	1.978	2.895	9.0	22.2
3 12	12 23.93	− 3 10.3	1.930	2.901	5.1	22.0
3 22	12 15.21	− 2 12.2	1.910	2.905	1.0	21.7
4 1	12 6.31	− 1 12.1	1.919	2.909	3.3	21.9
4 11	11 58.15	− 0 16.3	1.957	2.912	7.3	22.1
4 21	11 51.49	+ 0 30.0	2.022	2.915	10.9	22.3
5 1	11 46.85	+ 1 3.3	2.109	2.917	13.9	22.5

163975 2003 UB_{110} 3 24.1 268.°48 0.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.96	− 4 14.5	2.024	2.869	12.2	20.9
3 2	12 29.18	− 3 41.7	1.943	2.864	8.9	20.6
3 12	12 22.65	− 2 56.9	1.886	2.858	5.1	20.4
3 22	12 14.99	− 2 4.0	1.857	2.853	1.0	20.1
4 1	12 7.08	− 1 8.8	1.857	2.847	3.3	20.2
4 11	11 59.82	− 0 17.5	1.884	2.842	7.3	20.5
4 21	11 53.96	+ 0 24.9	1.938	2.836	11.0	20.7
5 1	11 50.06	+ 0 54.4	2.013	2.831	14.2	20.9

237089 2008 TB_{6} 3 24.1 206.°03 0.°6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.66	− 1 44.6	1.668	2.518	14.2	21.6
3 2	12 34.35	− 1 17.3	1.589	2.514	10.3	21.4
3 12	12 25.71	− 0 38.4	1.535	2.509	5.8	21.1
3 22	12 15.55	+ 0 7.1	1.508	2.503	1.0	20.7
4 1	12 5.02	+ 0 52.6	1.509	2.497	4.3	21.0
4 11	11 55.37	+ 1 31.2	1.537	2.491	9.0	21.2
4 21	11 47.59	+ 1 57.7	1.590	2.483	13.3	21.5
5 1	11 42.36	+ 2 9.0	1.664	2.475	16.9	21.7

397680 2008 BE_1 3 24.1 144.°82 6.°6/14.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.68	+21 21.9	2.617	3.472	9.5	21.4
3 2	12 29.29	+22 35.3	2.572	3.478	7.7	21.3
3 12	12 22.52	+23 40.5	2.554	3.485	6.7	21.3
3 22	12 14.95	+24 31.5	2.563	3.491	7.0	21.3
4 1	12 7.32	+25 3.9	2.600	3.496	8.4	21.4
4 11	12 0.35	+25 15.5	2.662	3.502	10.3	21.5
4 21	11 54.63	+25 6.5	2.747	3.507	12.2	21.6
5 1	11 50.55	+24 38.8	2.850	3.512	13.8	21.8

57229 2001 QF_{76} 3 24.1 101.°50 2.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.86	+ 4 53.0	2.444	3.297	10.1	19.1
3 2	12 30.81	+ 5 18.2	2.386	3.313	7.2	18.9
3 12	12 23.35	+ 5 45.7	2.356	3.329	4.1	18.7
3 22	12 15.10	+ 6 11.6	2.354	3.345	2.1	18.6
4 1	12 6.81	+ 6 31.7	2.382	3.360	4.2	18.8
4 11	11 59.23	+ 6 43.0	2.439	3.375	7.2	19.0
4 21	11 52.94	+ 6 43.4	2.523	3.390	10.0	19.2
5 1	11 48.35	+ 6 32.4	2.629	3.404	12.4	19.4

429193 2009 WO_{78} 3 24.1 256.°40 6.°4/17.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.70	+15 51.5	2.003	2.866	11.5	21.0
3 2	12 32.67	+16 51.7	1.930	2.852	8.9	20.8
3 12	12 24.64	+17 47.4	1.883	2.838	6.8	20.6
3 22	12 15.36	+18 31.0	1.863	2.823	6.7	20.6
4 1	12 5.79	+18 56.1	1.871	2.808	8.7	20.7
4 11	11 56.98	+18 58.7	1.905	2.793	11.5	20.8
4 21	11 49.77	+18 38.6	1.961	2.777	14.4	21.0
5 1	11 44.75	+17 57.3	2.036	2.761	17.0	21.2

501464 2014 BC_{11} 3 24.1 354.°15 3.°4/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.84	−13 6.1	2.178	2.984	12.9	21.1
3 2	12 29.76	−13 14.1	2.095	2.984	10.1	20.9
3 12	12 22.95	−13 6.1	2.035	2.983	6.9	20.7
3 22	12 15.06	−12 43.2	2.002	2.983	4.1	20.6
4 1	12 6.90	−12 8.6	1.997	2.983	3.9	20.5
4 11	11 59.36	−11 27.3	2.020	2.983	6.5	20.7
4 21	11 53.19	−10 44.8	2.070	2.983	9.7	20.9
5 1	11 48.92	−10 6.3	2.143	2.983	12.7	21.1

100646 1997 WR 3 24.1 100.°87 1.°6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.53	+ 0 53.6	1.843	2.699	12.7	19.5
3 2	12 31.69	+ 1 34.0	1.785	2.714	9.0	19.3
3 12	12 23.99	+ 2 22.0	1.753	2.729	5.0	19.1
3 22	12 15.23	+ 3 11.9	1.749	2.743	1.6	18.9
4 1	12 6.40	+ 3 57.3	1.773	2.758	4.4	19.1
4 11	11 58.48	+ 4 32.7	1.825	2.772	8.4	19.4
4 21	11 52.23	+ 4 54.5	1.902	2.786	11.9	19.6
5 1	11 48.13	+ 5 0.9	2.000	2.799	14.9	19.9

399676 2004 SN_{42} 3 24.1 251.°54 1.°8/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.27	− 8 4.5	1.619	2.456	15.2	21.5
3 2	12 32.85	− 7 47.4	1.529	2.442	11.4	21.3
3 12	12 25.00	− 7 11.9	1.461	2.427	7.1	21.0
3 22	12 15.46	− 6 20.9	1.419	2.412	2.6	20.6
4 1	12 5.38	− 5 20.3	1.405	2.396	3.8	20.7
4 11	11 56.04	− 4 18.3	1.417	2.380	8.6	20.9
4 21	11 48.52	− 3 22.8	1.454	2.364	13.2	21.2
5 1	11 43.61	− 2 40.2	1.512	2.347	17.2	21.4

159272 2005 YU_{215} 3 24.1 176.°32 4.°8/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.52	+ 8 44.9	1.717	2.583	13.0	20.5
3 2	12 34.08	+ 9 49.3	1.654	2.585	9.4	20.3
3 12	12 25.45	+10 55.3	1.617	2.587	6.0	20.1
3 22	12 15.51	+11 54.5	1.607	2.588	4.9	20.0
4 1	12 5.36	+12 39.3	1.625	2.589	7.4	20.2
4 11	11 56.20	+13 4.3	1.669	2.589	11.0	20.4
4 21	11 48.90	+13 7.6	1.737	2.588	14.5	20.6
5 1	11 44.06	+12 50.0	1.824	2.586	17.5	20.8

244418 2002 QK_6 3 24.1 160.°36 15.°9/ 5.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 48.51	−36 28.2	1.475	2.150	23.4	20.3
3 2	12 41.29	−38 28.3	1.402	2.157	21.3	20.1
3 12	12 30.28	−39 52.3	1.345	2.162	19.1	20.0
3 22	12 16.45	−40 30.4	1.306	2.167	17.2	19.9
4 1	12 1.60	−40 17.3	1.287	2.170	16.1	19.8
4 11	11 47.90	−39 16.6	1.288	2.173	16.1	19.8
4 21	11 37.15	−37 39.7	1.310	2.176	17.4	19.9
5 1	11 30.45	−35 42.5	1.350	2.177	19.3	20.0

417657 2006 YJ_{19} 3 24.1 109.°17 1.°9/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.62	− 9 34.7	1.986	2.807	13.4	21.9
3 2	12 31.67	− 9 10.9	1.924	2.827	10.0	21.7
3 12	12 23.96	− 8 31.3	1.886	2.847	6.2	21.5
3 22	12 15.23	− 7 39.5	1.875	2.866	2.6	21.3
4 1	12 6.43	− 6 40.9	1.893	2.884	3.2	21.4
4 11	11 58.49	− 5 42.0	1.941	2.902	6.8	21.7
4 21	11 52.14	− 4 48.7	2.014	2.920	10.3	21.9
5 1	11 47.84	− 4 5.7	2.111	2.937	13.3	22.1

210921 2001 SA_{328} 3 24.1 214.°15 1.°7/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.42	+ 2 18.3	2.453	3.306	10.1	20.8
3 2	12 29.23	+ 2 55.2	2.374	3.302	7.2	20.6
3 12	12 22.57	+ 3 37.5	2.322	3.297	4.0	20.4
3 22	12 15.00	+ 4 20.9	2.299	3.292	1.7	20.2
4 1	12 7.24	+ 5 0.6	2.305	3.287	3.9	20.4
4 11	12 0.04	+ 5 32.3	2.340	3.281	7.1	20.6
4 21	11 54.03	+ 5 52.9	2.402	3.275	10.2	20.7
5 1	11 49.67	+ 6 0.7	2.486	3.269	12.8	20.9

282643 2005 TQ_{104} 3 24.1 264.°42 0.°7/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.42	− 3 50.2	1.821	2.663	13.5	20.6
3 2	12 33.41	− 3 51.6	1.732	2.651	10.0	20.4
3 12	12 25.19	− 3 42.0	1.668	2.638	5.8	20.1
3 22	12 15.49	− 3 24.3	1.631	2.626	1.4	19.7
4 1	12 5.35	− 3 2.7	1.622	2.613	3.5	19.9
4 11	11 55.91	− 2 42.6	1.641	2.600	8.1	20.1
4 21	11 48.14	− 2 28.6	1.685	2.587	12.2	20.3
5 1	11 42.73	− 2 24.5	1.752	2.574	15.8	20.5

192711 1999 TJ_{107} 3 24.1 221.°68 2.°0/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.25	−10 9.5	2.416	3.229	11.6	20.6
3 2	12 29.94	− 9 49.4	2.321	3.220	8.8	20.4
3 12	12 23.04	− 9 15.1	2.251	3.209	5.6	20.1
3 22	12 15.10	− 8 28.8	2.209	3.199	2.5	19.9
4 1	12 6.87	− 7 34.5	2.197	3.188	2.9	19.9
4 11	11 59.15	− 6 37.6	2.215	3.176	6.1	20.1
4 21	11 52.65	− 5 43.4	2.259	3.163	9.4	20.3
5 1	11 47.89	− 4 56.6	2.328	3.150	12.3	20.5

278762 2008 SV_{136} 3 24.1 119.°15 0.°8/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.32	− 5 5.4	2.000	2.839	12.6	20.3
3 2	12 30.85	− 4 52.8	1.925	2.842	9.3	20.1
3 12	12 23.58	− 4 28.6	1.875	2.845	5.4	19.9
3 22	12 15.19	− 3 55.9	1.852	2.847	1.4	19.6
4 1	12 6.59	− 3 19.6	1.859	2.850	3.1	19.7
4 11	11 58.72	− 2 44.9	1.893	2.853	7.1	20.0
4 21	11 52.35	− 2 16.7	1.953	2.855	10.8	20.2
5 1	11 48.01	− 1 58.4	2.036	2.858	13.9	20.4

177774 2005 KD_1 3 24.1 68.°62 4.°3/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.88	+ 5 32.6	1.482	2.358	14.1	20.1
3 2	12 30.87	+ 6 52.3	1.432	2.370	10.0	19.9
3 12	12 23.67	+ 8 17.2	1.406	2.381	6.0	19.7
3 22	12 15.20	+ 9 37.5	1.406	2.393	4.4	19.6
4 1	12 6.64	+10 43.7	1.433	2.404	7.2	19.8
4 11	11 59.16	+11 29.1	1.485	2.416	11.2	20.1
4 21	11 53.63	+11 50.7	1.559	2.428	14.9	20.3
5 1	11 50.57	+11 48.6	1.652	2.440	18.0	20.6

150691 2001 OW_{86} 3 24.1 172.°33 1.°2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.87	− 0 18.5	2.492	3.336	10.3	20.9
3 2	12 30.20	+ 0 35.6	2.418	3.341	7.3	20.7
3 12	12 23.09	+ 1 37.3	2.370	3.344	4.0	20.5
3 22	12 15.10	+ 2 41.9	2.353	3.347	1.2	20.3
4 1	12 6.97	+ 3 44.0	2.366	3.349	3.6	20.4
4 11	11 59.43	+ 4 38.5	2.409	3.351	6.9	20.6
4 21	11 53.11	+ 5 21.6	2.478	3.351	9.9	20.8
5 1	11 48.45	+ 5 51.0	2.571	3.351	12.5	21.0

501095 2013 SH_{78} 3 24.1 177.°47 1.°8/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.81	+ 2 9.5	2.443	3.293	10.2	22.5
3 2	12 30.20	+ 2 56.0	2.369	3.295	7.2	22.3
3 12	12 23.10	+ 3 48.2	2.322	3.297	4.0	22.1
3 22	12 15.11	+ 4 41.3	2.305	3.298	1.8	21.9
4 1	12 6.96	+ 5 30.3	2.318	3.298	4.0	22.1
4 11	11 59.41	+ 6 10.4	2.360	3.298	7.2	22.3
4 21	11 53.10	+ 6 38.6	2.428	3.297	10.2	22.5
5 1	11 48.48	+ 6 53.1	2.519	3.295	12.8	22.7

358978 2008 SO_{83} 3 24.1 169.°57 0.°4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.03	− 3 33.7	1.735	2.581	13.9	22.0
3 2	12 33.02	− 2 48.4	1.663	2.585	10.1	21.8
3 12	12 24.88	− 1 49.6	1.616	2.589	5.6	21.6
3 22	12 15.44	− 0 42.6	1.596	2.592	0.9	21.2
4 1	12 5.75	+ 0 25.1	1.605	2.594	4.0	21.5
4 11	11 56.95	+ 1 25.7	1.641	2.595	8.5	21.7
4 21	11 49.94	+ 2 13.4	1.703	2.596	12.6	22.0
5 1	11 45.30	+ 2 44.6	1.786	2.596	16.0	22.2

384780 2012 PC_{12} 3 24.1 132.°59 2.°6/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.15	−12 29.9	2.602	3.401	11.2	22.0
3 2	12 29.66	−12 22.0	2.526	3.413	8.6	21.9
3 12	12 22.77	−12 0.3	2.475	3.424	5.8	21.7
3 22	12 15.05	−11 26.7	2.452	3.435	3.2	21.5
4 1	12 7.20	−10 44.4	2.459	3.446	3.1	21.6
4 11	11 59.93	− 9 58.1	2.496	3.457	5.6	21.7
4 21	11 53.85	− 9 12.3	2.560	3.467	8.4	21.9
5 1	11 49.38	− 8 31.3	2.649	3.476	10.9	22.1

6417 Liberati 3 24.1 189.°03 1.°9/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.38	+ 2 1.2	2.216	3.068	11.0	18.7
3 2	12 30.75	+ 2 50.4	2.140	3.067	7.8	18.5
3 12	12 23.48	+ 3 46.1	2.091	3.066	4.4	18.3
3 22	12 15.18	+ 4 43.2	2.071	3.064	1.9	18.1
4 1	12 6.69	+ 5 35.8	2.081	3.062	4.4	18.3
4 11	11 58.85	+ 6 18.7	2.119	3.059	7.9	18.5
4 21	11 52.37	+ 6 48.2	2.183	3.055	11.1	18.7
5 1	11 47.75	+ 7 2.6	2.270	3.051	13.9	18.9

149472 2003 EA_{14} 3 24.1 50.°93 1.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.36	− 2 4.8	1.547	2.410	14.4	20.2
3 2	12 29.74	− 1 9.4	1.489	2.421	10.2	19.9
3 12	12 23.04	− 0 1.0	1.455	2.431	5.6	19.7
3 22	12 15.10	+ 1 13.4	1.447	2.442	1.2	19.4
4 1	12 7.04	+ 2 25.0	1.466	2.454	4.5	19.7
4 11	11 59.95	+ 3 25.8	1.511	2.465	9.1	20.0
4 21	11 54.68	+ 4 10.3	1.580	2.477	13.1	20.2
5 1	11 51.76	+ 4 35.4	1.669	2.489	16.5	20.5

30622 4213 *P–L* 3 24.1 256.°12 1.°2/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.68	− 6 14.2	2.236	3.067	11.7	19.4
3 2	12 30.33	− 6 9.0	2.149	3.060	8.7	19.2
3 12	12 23.29	− 5 52.6	2.088	3.054	5.3	19.0
3 22	12 15.17	− 5 27.4	2.054	3.047	1.8	18.7
4 1	12 6.77	− 4 57.2	2.049	3.041	2.9	18.8
4 11	11 58.96	− 4 26.7	2.074	3.034	6.5	19.0
4 21	11 52.46	− 4 0.2	2.125	3.027	10.0	19.2
5 1	11 47.81	− 3 41.6	2.199	3.021	13.0	19.4

357098 2001 TN_{111} 3 24.1 167.°57 0.°4/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.14	− 2 5.1	1.857	2.700	13.3	21.8
3 2	12 34.42	− 1 38.7	1.784	2.705	9.6	21.5
3 12	12 25.64	− 1 1.8	1.737	2.710	5.4	21.3
3 22	12 15.58	− 0 19.1	1.718	2.714	0.9	21.0
4 1	12 5.31	+ 0 23.6	1.728	2.717	3.8	21.2
4 11	11 55.91	+ 1 0.4	1.767	2.719	8.2	21.5
4 21	11 48.26	+ 1 26.6	1.831	2.721	12.0	21.7
5 1	11 42.91	+ 1 39.5	1.917	2.721	15.3	21.9

413223 2003 RT_3 3 24.1 245.°26 1.°9/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.40	− 7 23.8	1.688	2.523	14.7	21.9
3 2	12 33.56	− 7 22.2	1.601	2.513	11.1	21.6
3 12	12 25.36	− 7 4.9	1.536	2.502	6.8	21.3
3 22	12 15.57	− 6 34.4	1.498	2.491	2.6	21.0
4 1	12 5.28	− 5 55.4	1.488	2.479	3.7	21.1
4 11	11 55.75	− 5 14.5	1.505	2.468	8.3	21.3
4 21	11 48.03	− 4 38.3	1.547	2.455	12.7	21.5
5 1	11 42.83	− 4 12.2	1.610	2.443	16.5	21.8

518776 2009 WT_{270} 3 24.1 122.°34 1.°6/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.47	− 8 44.9	2.040	2.867	12.9	22.2
3 2	12 30.19	− 8 18.5	1.969	2.876	9.6	22.0
3 12	12 23.19	− 7 37.1	1.922	2.886	5.9	21.8
3 22	12 15.15	− 6 44.0	1.903	2.895	2.3	21.6
4 1	12 6.95	− 5 44.7	1.912	2.904	3.0	21.6
4 11	11 59.50	− 4 45.5	1.951	2.913	6.8	21.9
4 21	11 53.52	− 3 52.2	2.015	2.921	10.3	22.1
5 1	11 49.50	− 3 9.4	2.102	2.929	13.3	22.3

98771 2000 YN_{78} 3 24.1 2.°34 2.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.26	+ 1 14.5	1.158	2.040	16.7	19.1
3 2	12 31.05	+ 1 46.3	1.098	2.038	12.0	18.8
3 12	12 24.07	+ 2 29.3	1.059	2.038	6.7	18.5
3 22	12 15.34	+ 3 15.9	1.043	2.038	2.2	18.2
4 1	12 6.28	+ 3 56.6	1.052	2.040	6.0	18.4
4 11	11 58.43	+ 4 23.4	1.084	2.042	11.4	18.7
4 21	11 52.92	+ 4 31.1	1.137	2.046	16.2	19.0
5 1	11 50.44	+ 4 18.1	1.208	2.050	20.3	19.3

285609 2000 QE_{208} 3 24.1 188.°31 0.°5/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.62	− 4 32.7	3.052	3.877	9.1	21.5
3 2	12 29.14	− 4 17.9	2.966	3.876	6.6	21.3
3 12	12 22.45	− 3 55.4	2.907	3.875	3.8	21.1
3 22	12 15.02	− 3 27.6	2.878	3.873	0.9	20.9
4 1	12 7.42	− 2 57.6	2.880	3.870	2.3	21.0
4 11	12 0.28	− 2 28.8	2.912	3.867	5.2	21.2
4 21	11 54.09	− 2 4.1	2.973	3.864	7.9	21.4
5 1	11 49.27	− 1 46.2	3.058	3.860	10.2	21.5

238699 2005 EP_{323} 3 24.1 278.°78 2.°2/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.92	−11 35.1	2.175	2.993	12.5	20.6
3 2	12 27.72	−10 58.9	2.081	2.981	9.6	20.4
3 12	12 21.87	−10 4.7	2.011	2.969	6.2	20.2
3 22	12 14.94	− 8 55.6	1.968	2.957	2.9	19.9
4 1	12 7.71	− 7 36.7	1.954	2.945	3.1	19.9
4 11	12 1.04	− 6 14.8	1.969	2.933	6.5	20.1
4 21	11 55.64	− 4 56.9	2.010	2.921	10.0	20.3
5 1	11 52.05	− 3 49.0	2.075	2.909	13.2	20.5

292618 2006 UC_3 3 24.1 145.°53 0.°5/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.85	− 1 39.6	2.838	3.679	9.2	21.8
3 2	12 27.90	− 1 0.6	2.767	3.687	6.6	21.6
3 12	12 21.75	− 0 14.6	2.722	3.696	3.6	21.5
3 22	12 14.91	+ 0 34.6	2.708	3.703	0.7	21.2
4 1	12 7.96	+ 1 23.1	2.724	3.711	2.8	21.4
4 11	12 1.52	+ 2 6.6	2.769	3.718	5.8	21.6
4 21	11 56.10	+ 2 42.1	2.842	3.725	8.5	21.8
5 1	11 52.09	+ 3 7.3	2.939	3.731	10.8	22.0

341403 2007 TP_{161} 3 24.1 166.°99 0.°6/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.17	− 0 24.9	2.295	3.139	11.0	21.2
3 2	12 31.27	− 0 11.9	2.219	3.141	7.9	21.0
3 12	12 23.76	+ 0 7.7	2.169	3.142	4.4	20.8
3 22	12 15.27	+ 0 30.6	2.148	3.144	0.8	20.5
4 1	12 6.60	+ 0 52.7	2.157	3.145	3.3	20.7
4 11	11 58.59	+ 1 9.9	2.195	3.146	6.9	20.9
4 21	11 51.90	+ 1 19.3	2.259	3.147	10.1	21.1
5 1	11 47.04	+ 1 18.8	2.347	3.148	12.9	21.3

428023 2006 BB_{237} 3 24.1 72.°56 2.°7/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.02	+ 3 20.3	1.761	2.626	12.8	21.5
3 2	12 30.66	+ 4 16.2	1.711	2.644	9.0	21.3
3 12	12 23.45	+ 5 17.6	1.686	2.661	5.1	21.1
3 22	12 15.21	+ 6 17.7	1.688	2.679	2.7	21.0
4 1	12 6.93	+ 7 9.4	1.718	2.697	5.4	21.2
4 11	11 59.60	+ 7 47.2	1.775	2.714	9.1	21.4
4 21	11 53.96	+ 8 7.9	1.856	2.732	12.6	21.7
5 1	11 50.46	+ 8 10.7	1.958	2.749	15.4	21.9

129535 1996 HH_7 3 24.1 185.°92 1.°6/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.00	+ 1 26.1	2.229	3.083	10.9	20.7
3 2	12 29.77	+ 2 5.7	2.155	3.083	7.8	20.5
3 12	12 22.94	+ 2 51.9	2.107	3.082	4.3	20.2
3 22	12 15.13	+ 3 39.9	2.088	3.082	1.6	20.0
4 1	12 7.15	+ 4 24.3	2.098	3.081	4.0	20.2
4 11	11 59.80	+ 5 0.3	2.136	3.080	7.5	20.4
4 21	11 53.77	+ 5 24.5	2.200	3.079	10.8	20.6
5 1	11 49.54	+ 5 34.8	2.286	3.077	13.5	20.8

432063 2008 YA_{68} 3 24.1 38.°58 3.°7/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.33	+ 7 10.1	2.074	2.943	11.0	21.1
3 2	12 28.64	+ 8 13.7	2.011	2.944	7.8	20.9
3 12	12 22.33	+ 9 20.0	1.974	2.946	4.8	20.7
3 22	12 15.03	+10 22.3	1.965	2.948	3.8	20.7
4 1	12 7.59	+11 14.2	1.984	2.950	6.0	20.8
4 11	12 0.84	+11 50.9	2.030	2.953	9.1	21.0
4 21	11 55.48	+12 9.7	2.100	2.955	12.2	21.2
5 1	11 51.99	+12 10.2	2.191	2.957	14.8	21.4

140161 2001 SE_{175} 3 24.1 102.°13 2.°1/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.13	+ 1 31.8	1.759	2.621	13.0	19.8
3 2	12 30.85	+ 2 24.1	1.697	2.628	9.2	19.6
3 12	12 23.64	+ 3 24.5	1.660	2.636	5.1	19.3
3 22	12 15.27	+ 4 26.5	1.650	2.644	2.1	19.1
4 1	12 6.75	+ 5 22.7	1.669	2.651	5.0	19.3
4 11	11 59.12	+ 6 6.7	1.714	2.659	9.0	19.6
4 21	11 53.17	+ 6 34.7	1.784	2.666	12.7	19.8
5 1	11 49.42	+ 6 44.8	1.875	2.673	15.8	20.1

178851 2001 KU_4 3 24.1 265.°41 5.°8/18.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.46	+11 31.5	1.667	2.539	13.0	19.8
3 2	12 32.79	+12 33.5	1.598	2.529	9.7	19.6
3 12	12 24.87	+13 34.7	1.553	2.520	6.7	19.4
3 22	12 15.51	+14 26.5	1.535	2.510	6.0	19.3
4 1	12 5.84	+15 1.2	1.544	2.501	8.4	19.4
4 11	11 57.06	+15 13.5	1.578	2.491	12.0	19.6
4 21	11 50.14	+15 2.1	1.635	2.481	15.4	19.8
5 1	11 45.70	+14 28.2	1.709	2.472	18.5	20.0

160452 2005 UK_{498} 3 24.1 269.°95 5.°1/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.69	+ 8 52.7	1.770	2.644	12.3	20.1
3 2	12 29.99	+10 19.2	1.698	2.633	8.9	19.9
3 12	12 23.26	+11 49.3	1.651	2.621	5.9	19.6
3 22	12 15.22	+13 13.9	1.631	2.609	5.3	19.6
4 1	12 6.86	+14 24.0	1.638	2.597	7.9	19.7
4 11	11 59.25	+15 13.0	1.672	2.585	11.4	19.9
4 21	11 53.25	+15 37.7	1.727	2.572	14.8	20.1
5 1	11 49.49	+15 37.9	1.802	2.560	17.8	20.2

206787 2004 DQ 3 24.1 33.°26 2.°5/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.97	+ 2 17.8	1.500	2.374	14.1	19.8
3 2	12 29.39	+ 3 8.7	1.458	2.395	9.9	19.6
3 12	12 22.80	+ 4 6.5	1.439	2.417	5.5	19.4
3 22	12 15.12	+ 5 3.9	1.446	2.439	2.5	19.2
4 1	12 7.44	+ 5 53.0	1.480	2.463	5.5	19.5
4 11	12 0.85	+ 6 27.7	1.540	2.487	9.6	19.7
4 21	11 56.09	+ 6 44.7	1.622	2.512	13.3	20.0
5 1	11 53.64	+ 6 43.2	1.724	2.537	16.4	20.3

165412 2000 YK_{24} 3 24.1 359.°49 3.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.17	+ 2 17.0	1.204	2.088	16.1	19.1
3 2	12 30.20	+ 3 11.2	1.144	2.085	11.5	18.8
3 12	12 23.59	+ 4 16.3	1.105	2.084	6.4	18.5
3 22	12 15.30	+ 5 23.2	1.090	2.083	3.1	18.3
4 1	12 6.70	+ 6 21.4	1.100	2.084	6.7	18.5
4 11	11 59.25	+ 7 1.9	1.133	2.085	11.7	18.8
4 21	11 54.02	+ 7 19.7	1.187	2.087	16.4	19.1
5 1	11 51.67	+ 7 13.5	1.259	2.090	20.3	19.3

386588 2009 FP_{33} 3 24.1 61.°21 0.°6/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.96	− 6 35.3	2.109	2.948	12.0	21.1
3 2	12 27.64	− 5 47.1	2.039	2.956	8.8	20.9
3 12	12 21.76	− 4 45.2	1.994	2.964	5.1	20.7
3 22	12 14.95	− 3 34.2	1.977	2.972	1.3	20.4
4 1	12 8.00	− 2 20.2	1.988	2.980	2.9	20.6
4 11	12 1.72	− 1 9.9	2.028	2.988	6.7	20.8
4 21	11 56.76	− 0 8.9	2.094	2.996	10.2	21.0
5 1	11 53.59	+ 0 38.8	2.183	3.004	13.1	21.3

505695 2014 WS_{498} 3 24.1 109.°97 7.°1/16.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.62	+15 39.8	1.842	2.712	12.0	20.8
3 2	12 31.11	+17 24.2	1.802	2.727	9.2	20.7
3 12	12 23.72	+19 2.6	1.789	2.741	7.3	20.6
3 22	12 15.29	+20 25.6	1.802	2.755	7.5	20.6
4 1	12 6.82	+21 25.7	1.843	2.769	9.5	20.8
4 11	11 59.30	+21 59.0	1.909	2.782	12.2	21.0
4 21	11 53.48	+22 5.5	1.995	2.795	14.8	21.2
5 1	11 49.83	+21 47.8	2.100	2.808	17.0	21.4

458909 2011 UY_{239} 3 24.1 85.°51 1.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.23	− 9 19.2	1.536	2.371	15.9	22.3
3 2	12 32.49	− 8 43.9	1.482	2.394	11.8	22.1
3 12	12 24.59	− 7 49.0	1.451	2.416	7.2	21.9
3 22	12 15.46	− 6 39.5	1.446	2.438	2.7	21.6
4 1	12 6.28	− 5 23.3	1.468	2.460	3.6	21.7
4 11	11 58.24	− 4 9.5	1.517	2.481	8.1	22.0
4 21	11 52.18	− 3 5.7	1.592	2.502	12.2	22.3
5 1	11 48.61	− 2 17.1	1.687	2.523	15.7	22.6

457313 2008 SM_{65} 3 24.1 162.°28 0.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.36	− 3 5.7	1.760	2.605	13.8	22.0
3 2	12 33.97	− 2 32.4	1.690	2.611	10.0	21.8
3 12	12 25.45	− 1 46.8	1.644	2.617	5.6	21.5
3 22	12 15.63	− 0 53.9	1.626	2.622	0.9	21.2
4 1	12 5.59	− 0 0.3	1.636	2.626	3.9	21.4
4 11	11 56.47	+ 0 47.1	1.675	2.629	8.4	21.7
4 21	11 49.14	+ 1 23.1	1.739	2.632	12.4	21.9
5 1	11 44.19	+ 1 44.4	1.824	2.634	15.7	22.2

32854 1992 SC_{13} 3 24.1 216.°37 0.°8/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.38	− 0 48.6	2.402	3.243	10.7	19.5
3 2	12 31.48	− 0 17.3	2.313	3.234	7.7	19.3
3 12	12 23.95	+ 0 21.8	2.251	3.224	4.3	19.1
3 22	12 15.38	+ 1 5.0	2.217	3.213	0.9	18.8
4 1	12 6.53	+ 1 47.5	2.215	3.201	3.4	19.0
4 11	11 58.24	+ 2 24.5	2.241	3.189	7.0	19.2
4 21	11 51.19	+ 2 52.3	2.295	3.176	10.3	19.4
5 1	11 45.90	+ 3 8.3	2.372	3.162	13.1	19.5

498407 2007 YD_{51} 3 24.1 103.°96 3.°5/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.00	−15 49.2	2.618	3.400	11.6	21.8
3 2	12 29.56	−15 46.3	2.547	3.419	9.2	21.6
3 12	12 22.75	−15 27.9	2.501	3.438	6.5	21.5
3 22	12 15.15	−14 55.4	2.483	3.457	4.1	21.3
4 1	12 7.44	−14 11.8	2.494	3.475	3.7	21.3
4 11	12 0.36	−13 21.9	2.534	3.493	5.6	21.5
4 21	11 54.46	−12 30.6	2.601	3.510	8.1	21.7
5 1	11 50.18	−11 42.6	2.694	3.528	10.5	21.9

384554 2010 FH_{6} 3 24.1 28.°17 0.°5/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.79	− 5 5.4	1.890	2.736	12.9	21.1
3 2	12 29.15	− 4 36.3	1.818	2.739	9.4	20.9
3 12	12 22.71	− 3 54.2	1.771	2.742	5.5	20.7
3 22	12 15.16	− 3 3.4	1.751	2.746	1.2	20.4
4 1	12 7.41	− 2 9.5	1.759	2.750	3.3	20.5
4 11	12 0.41	− 1 19.2	1.794	2.754	7.4	20.8
4 21	11 54.91	− 0 37.7	1.854	2.759	11.1	21.0
5 1	11 51.44	− 0 8.9	1.937	2.763	14.3	21.3

44985 1999 VD_{164} 3 24.1 6.°23 1.°4/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.87	− 7 18.8	1.884	2.721	13.4	19.3
3 2	12 29.98	− 7 0.5	1.808	2.721	9.9	19.1
3 12	12 23.21	− 6 27.3	1.755	2.722	6.0	18.9
3 22	12 15.25	− 5 42.9	1.728	2.722	2.1	18.6
4 1	12 7.04	− 4 52.3	1.730	2.722	3.2	18.7
4 11	11 59.57	− 4 2.0	1.760	2.723	7.3	18.9
4 21	11 53.63	− 3 18.0	1.815	2.723	11.1	19.2
5 1	11 49.78	− 2 44.9	1.892	2.724	14.4	19.4

310920 2003 SC_{123} 3 24.1 132.°61 0.°1/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.70	− 4 9.1	1.789	2.634	13.6	21.2
3 2	12 31.98	− 3 24.6	1.724	2.646	9.8	20.9
3 12	12 24.29	− 2 26.8	1.684	2.656	5.5	20.7
3 22	12 15.44	− 1 21.2	1.671	2.667	1.0	20.4
4 1	12 6.44	− 0 14.7	1.686	2.676	3.7	20.6
4 11	11 58.34	+ 0 45.3	1.730	2.686	8.0	20.9
4 21	11 51.93	+ 1 33.2	1.799	2.694	11.9	21.1
5 1	11 47.76	+ 2 5.6	1.890	2.703	15.1	21.4

500978 2013 QC_{83} 3 24.1 191.°86 0.°8/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.27	− 5 8.3	2.475	3.298	11.0	22.1
3 2	12 32.77	− 5 0.4	2.388	3.296	8.1	21.9
3 12	12 24.65	− 4 43.0	2.327	3.294	4.8	21.7
3 22	12 15.51	− 4 18.5	2.296	3.290	1.3	21.5
4 1	12 6.13	− 3 50.3	2.296	3.286	2.7	21.6
4 11	11 57.33	− 3 22.8	2.325	3.281	6.2	21.8
4 21	11 49.80	− 2 59.7	2.383	3.276	9.5	22.0
5 1	11 44.05	− 2 44.1	2.465	3.270	12.3	22.2

153103 2000 ST_{32} 3 24.1 116.°09 1.°6/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.28	+ 0 18.3	1.909	2.767	12.3	20.1
3 2	12 30.15	+ 1 12.2	1.845	2.774	8.7	19.8
3 12	12 23.23	+ 2 14.9	1.806	2.782	4.8	19.6
3 22	12 15.26	+ 3 20.2	1.795	2.790	1.6	19.4
4 1	12 7.13	+ 4 21.4	1.813	2.797	4.4	19.6
4 11	11 59.81	+ 5 12.2	1.858	2.804	8.3	19.9
4 21	11 54.02	+ 5 48.3	1.929	2.811	11.8	20.1
5 1	11 50.26	+ 6 7.7	2.020	2.818	14.8	20.3

148566 2001 QJ_{233} 3 24.1 167.°30 0.°4/24.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.14	− 4 57.3	2.242	3.074	11.7	21.1
3 2	12 31.31	− 4 27.9	2.165	3.079	8.5	20.9
3 12	12 23.84	− 3 47.3	2.114	3.083	4.9	20.7
3 22	12 15.37	− 2 59.3	2.092	3.087	1.1	20.4
4 1	12 6.72	− 2 8.6	2.099	3.090	2.9	20.6
4 11	11 58.73	− 1 20.8	2.136	3.092	6.7	20.8
4 21	11 52.11	− 0 40.5	2.200	3.094	10.1	21.0
5 1	11 47.35	− 0 11.2	2.287	3.095	13.0	21.2

124453 2001 QM_{270} 3 24.1 257.°21 2.°4/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.39	+ 1 25.1	1.425	2.293	15.1	19.9
3 2	12 33.10	+ 2 14.5	1.350	2.284	10.8	19.6
3 12	12 25.23	+ 3 15.1	1.299	2.275	6.1	19.3
3 22	12 15.66	+ 4 19.4	1.272	2.266	2.4	19.1
4 1	12 5.65	+ 5 18.3	1.273	2.257	5.9	19.3
4 11	11 56.58	+ 6 3.2	1.299	2.247	10.9	19.5
4 21	11 49.58	+ 6 28.8	1.347	2.238	15.4	19.7
5 1	11 45.36	+ 6 32.8	1.415	2.228	19.3	20.0

498586 2008 QC_{22} 3 24.1 246.°90 0.°6/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.58	− 6 53.0	2.423	3.250	11.1	22.4
3 2	12 29.56	− 6 2.1	2.319	3.229	8.2	22.1
3 12	12 22.93	− 4 57.0	2.240	3.208	4.8	21.9
3 22	12 15.23	− 3 41.4	2.191	3.186	1.2	21.6
4 1	12 7.18	− 2 20.6	2.172	3.163	2.8	21.7
4 11	11 59.58	− 1 1.1	2.183	3.139	6.6	21.9
4 21	11 53.13	+ 0 11.0	2.222	3.115	10.0	22.0
5 1	11 48.38	+ 1 11.1	2.284	3.090	13.1	22.2

109896 2001 SD_{18} 3 24.1 346.°10 2.°8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.26	+ 5 37.4	1.366	2.237	15.4	18.4
3 2	12 35.94	+ 5 28.8	1.296	2.230	11.2	18.1
3 12	12 26.84	+ 5 21.8	1.249	2.224	6.4	17.8
3 22	12 15.95	+ 5 11.3	1.226	2.219	2.8	17.6
4 1	12 4.67	+ 4 52.5	1.231	2.215	5.9	17.7
4 11	11 54.52	+ 4 21.5	1.260	2.212	10.8	18.0
4 21	11 46.67	+ 3 37.2	1.313	2.209	15.4	18.3
5 1	11 41.83	+ 2 39.8	1.385	2.207	19.2	18.5

119745 2001 YU_{44} 3 24.1 224.°73 1.°4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.97	+ 0 51.0	2.225	3.074	11.1	19.9
3 2	12 31.31	+ 1 31.0	2.139	3.064	8.0	19.6
3 12	12 23.91	+ 2 18.5	2.078	3.053	4.4	19.4
3 22	12 15.41	+ 3 8.9	2.047	3.041	1.5	19.2
4 1	12 6.61	+ 3 56.7	2.045	3.029	4.0	19.3
4 11	11 58.40	+ 4 36.7	2.072	3.016	7.7	19.5
4 21	11 51.52	+ 5 4.9	2.125	3.002	11.1	19.7
5 1	11 46.52	+ 5 18.9	2.200	2.988	14.1	19.9

288586 2004 JV_{11} 3 24.1 5.°42 12.°0/10.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.29	+22 53.0	1.336	2.219	14.8	19.2
3 2	12 28.76	+25 31.6	1.302	2.219	12.7	19.1
3 12	12 22.73	+27 54.7	1.291	2.220	12.0	19.0
3 22	12 15.20	+29 47.5	1.304	2.221	13.2	19.1
4 1	12 7.47	+30 59.6	1.339	2.223	15.5	19.2
4 11	12 0.91	+31 27.3	1.393	2.226	18.2	19.4
4 21	11 56.48	+31 13.8	1.463	2.230	20.7	19.6
5 1	11 54.76	+30 24.8	1.546	2.234	22.8	19.8

121070 1999 CS_{149} 3 24.1 295.°40 2.°4/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.36	− 6 50.2	1.412	2.258	16.5	19.2
3 2	12 34.91	− 7 11.8	1.316	2.233	12.6	18.9
3 12	12 26.53	− 7 18.0	1.242	2.209	7.9	18.6
3 22	12 15.95	− 7 9.9	1.191	2.184	3.2	18.2
4 1	12 4.47	− 6 51.1	1.168	2.159	4.4	18.2
4 11	11 53.67	− 6 28.1	1.169	2.135	9.8	18.4
4 21	11 44.92	− 6 7.8	1.194	2.110	14.9	18.6
5 1	11 39.24	− 5 56.6	1.238	2.086	19.5	18.8

135274 2001 SH_{126} 3 24.1 84.°95 1.°4/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.60	− 7 34.7	2.197	3.026	12.0	19.8
3 2	12 29.51	− 7 18.7	2.126	3.035	8.9	19.7
3 12	12 22.83	− 6 50.0	2.080	3.044	5.4	19.4
3 22	12 15.21	− 6 11.7	2.061	3.053	2.0	19.2
4 1	12 7.43	− 5 28.2	2.071	3.063	2.8	19.3
4 11	12 0.33	− 4 44.6	2.110	3.072	6.3	19.5
4 21	11 54.57	− 4 5.9	2.175	3.081	9.7	19.8
5 1	11 50.63	− 3 35.9	2.264	3.090	12.5	20.0

501503 2014 DS_{39} 3 24.1 77.°74 5.°2/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.72	−18 43.1	2.263	3.031	13.7	21.4
3 2	12 32.44	−19 12.3	2.198	3.055	11.0	21.2
3 12	12 24.47	−19 22.8	2.157	3.079	8.3	21.1
3 22	12 15.50	−19 14.6	2.142	3.102	5.9	21.0
4 1	12 6.41	−18 50.1	2.155	3.125	5.3	21.0
4 11	11 58.09	−18 13.9	2.197	3.149	6.8	21.1
4 21	11 51.25	−17 31.6	2.265	3.171	9.3	21.3
5 1	11 46.39	−16 49.2	2.357	3.194	11.7	21.5

498208 2007 TJ_{408} 3 24.1 190.°68 5.°3/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.76	−22 37.4	2.464	3.213	13.2	21.6
3 2	12 28.22	−22 23.0	2.372	3.213	10.9	21.4
3 12	12 22.14	−21 46.7	2.302	3.212	8.4	21.2
3 22	12 15.10	−20 49.4	2.258	3.211	6.2	21.1
4 1	12 7.83	−19 34.0	2.241	3.209	5.3	21.0
4 11	12 1.14	−18 6.3	2.253	3.208	6.5	21.1
4 21	11 55.67	−16 33.4	2.293	3.206	8.9	21.2
5 1	11 51.93	−15 2.3	2.358	3.205	11.4	21.4

93493 2000 TN_{38} 3 24.1 42.°69 5.°4/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.02	+11 21.8	1.550	2.420	13.9	17.3
3 2	12 34.54	+11 51.9	1.498	2.430	10.2	17.1
3 12	12 25.78	+12 18.7	1.471	2.440	6.7	16.9
3 22	12 15.74	+12 35.1	1.470	2.450	5.4	16.8
4 1	12 5.65	+12 35.3	1.496	2.461	7.7	17.0
4 11	11 56.75	+12 16.3	1.547	2.472	11.3	17.2
4 21	11 49.92	+11 38.5	1.621	2.483	14.8	17.4
5 1	11 45.70	+10 43.6	1.714	2.495	17.7	17.7

366932 2005 UX_{454} 3 24.1 172.°50 3.°3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.43	−16 19.7	2.552	3.332	12.0	21.6
3 2	12 30.01	−15 52.3	2.464	3.336	9.4	21.4
3 12	12 23.09	−15 7.1	2.401	3.339	6.6	21.2
3 22	12 15.27	−14 6.1	2.366	3.342	4.0	21.1
4 1	12 7.26	−12 53.2	2.360	3.344	3.6	21.0
4 11	11 59.83	−11 34.1	2.385	3.345	5.8	21.2
4 21	11 53.61	−10 15.1	2.438	3.346	8.6	21.3
5 1	11 49.06	− 9 1.9	2.516	3.346	11.3	21.5

68064 2000 YU_{67} 3 24.1 58.°81 0.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.71	− 4 6.3	1.388	2.251	15.7	18.2
3 2	12 30.21	− 2 58.3	1.333	2.264	11.3	18.0
3 12	12 23.44	− 1 33.1	1.301	2.277	6.2	17.7
3 22	12 15.33	+ 0 0.8	1.295	2.291	1.1	17.4
4 1	12 7.10	+ 1 33.0	1.315	2.304	4.6	17.7
4 11	11 59.96	+ 2 53.3	1.361	2.318	9.6	18.0
4 21	11 54.83	+ 3 54.6	1.430	2.333	13.9	18.3
5 1	11 52.22	+ 4 33.6	1.519	2.347	17.5	18.6

90061 2002 VK_{63} 3 24.1 76.°08 1.°3/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.41	+ 0 50.1	1.600	2.458	14.2	19.5
3 2	12 34.04	+ 1 7.6	1.545	2.473	10.2	19.3
3 12	12 25.49	+ 1 32.9	1.513	2.489	5.6	19.0
3 22	12 15.69	+ 2 0.6	1.508	2.504	1.4	18.8
4 1	12 5.82	+ 2 25.1	1.532	2.519	4.5	19.0
4 11	11 57.04	+ 2 40.8	1.582	2.534	8.9	19.3
4 21	11 50.23	+ 2 44.4	1.656	2.549	12.9	19.6
5 1	11 45.91	+ 2 34.5	1.751	2.564	16.2	19.8

378343 2007 HR_{51} 3 24.1 198.°10 3.°5/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.48	+ 7 15.6	2.120	2.982	11.0	21.0
3 2	12 30.94	+ 8 7.0	2.050	2.980	7.9	20.8
3 12	12 23.68	+ 9 0.8	2.006	2.978	4.9	20.6
3 22	12 15.38	+ 9 50.9	1.991	2.976	3.6	20.5
4 1	12 6.88	+10 31.3	2.004	2.973	5.8	20.6
4 11	11 59.09	+10 57.6	2.045	2.970	9.0	20.8
4 21	11 52.72	+11 7.3	2.111	2.967	12.1	21.0
5 1	11 48.29	+11 0.0	2.198	2.963	14.8	21.2

354356 2003 HU_6 3 24.1 321.°10 2.°8/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.35	+ 3 14.0	1.149	2.031	16.9	20.5
3 2	12 33.71	+ 3 29.0	1.071	2.011	12.3	20.2
3 12	12 25.91	+ 3 52.1	1.013	1.992	7.0	19.8
3 22	12 15.85	+ 4 16.4	0.979	1.973	2.8	19.5
4 1	12 5.03	+ 4 33.5	0.969	1.955	6.6	19.7
4 11	11 55.23	+ 4 35.8	0.982	1.939	12.4	19.9
4 21	11 47.87	+ 4 19.1	1.015	1.923	17.7	20.2
5 1	11 43.91	+ 3 41.9	1.065	1.908	22.3	20.4

380912 2006 EY_7 3 24.2 93.°59 0.°4/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.94	− 2 43.9	1.929	2.779	12.5	21.7
3 2	12 29.95	− 2 6.9	1.859	2.783	9.0	21.5
3 12	12 23.16	− 1 18.9	1.814	2.788	5.0	21.2
3 22	12 15.29	− 0 24.7	1.796	2.792	0.9	20.9
4 1	12 7.24	+ 0 29.6	1.808	2.797	3.6	21.2
4 11	11 59.94	+ 1 17.7	1.846	2.801	7.7	21.4
4 21	11 54.14	+ 1 54.9	1.911	2.806	11.3	21.6
5 1	11 50.37	+ 2 18.0	1.997	2.810	14.4	21.9

98679 2000 WT_{176} 3 24.2 211.°90 1.°6/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.73	+ 1 14.6	2.354	3.203	10.6	20.8
3 2	12 30.32	+ 2 2.5	2.271	3.196	7.5	20.5
3 12	12 23.32	+ 2 57.4	2.214	3.189	4.2	20.3
3 22	12 15.33	+ 3 54.6	2.187	3.181	1.6	20.1
4 1	12 7.09	+ 4 48.7	2.190	3.172	4.0	20.3
4 11	11 59.42	+ 5 34.3	2.222	3.163	7.4	20.5
4 21	11 53.00	+ 6 7.8	2.280	3.153	10.6	20.7
5 1	11 48.33	+ 6 27.1	2.360	3.142	13.4	20.8

432800 2011 GE_{13} 3 24.2 296.°27 0.°3/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.28	− 2 24.8	1.824	2.670	13.3	20.6
3 2	12 33.47	− 2 31.4	1.727	2.648	9.8	20.3
3 12	12 25.39	− 2 28.8	1.654	2.626	5.7	20.0
3 22	12 15.74	− 2 19.8	1.609	2.604	1.2	19.7
4 1	12 5.51	− 2 8.3	1.591	2.582	3.6	19.8
4 11	11 55.90	− 1 59.0	1.602	2.560	8.3	20.0
4 21	11 47.89	− 1 56.3	1.637	2.539	12.5	20.2
5 1	11 42.25	− 2 3.5	1.695	2.517	16.2	20.4

120767 1998 BS_{26} 3 24.2 175.°59 1.°4/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.77	+ 0 7.7	2.113	2.964	11.5	20.5
3 2	12 30.43	+ 0 57.9	2.040	2.966	8.2	20.3
3 12	12 23.40	+ 1 56.6	1.993	2.968	4.5	20.1
3 22	12 15.34	+ 2 58.3	1.974	2.969	1.4	19.8
4 1	12 7.09	+ 3 57.0	1.985	2.969	4.1	20.0
4 11	11 59.53	+ 4 46.8	2.024	2.970	7.8	20.2
4 21	11 53.36	+ 5 23.7	2.089	2.969	11.2	20.5
5 1	11 49.10	+ 5 45.2	2.176	2.969	14.1	20.7

259301 2003 ED_{58} 3 24.2 315.°62 9.°4/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.07	+20 20.8	1.593	2.465	13.5	19.6
3 2	12 31.95	+21 50.1	1.537	2.455	11.0	19.4
3 12	12 24.48	+23 9.6	1.504	2.446	9.5	19.3
3 22	12 15.56	+24 8.8	1.496	2.437	9.9	19.3
4 1	12 6.37	+24 39.3	1.513	2.428	12.0	19.4
4 11	11 58.19	+24 37.4	1.552	2.419	14.9	19.5
4 21	11 51.98	+24 4.2	1.610	2.411	17.7	19.7
5 1	11 48.34	+23 3.7	1.685	2.403	20.2	19.8

432456 2010 CA_{127} 3 24.2 48.°21 1.°6/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.35	+ 0 40.1	1.944	2.803	12.1	21.3
3 2	12 29.53	+ 1 25.8	1.875	2.804	8.6	21.1
3 12	12 22.94	+ 2 19.8	1.831	2.806	4.7	20.9
3 22	12 15.27	+ 3 16.4	1.814	2.808	1.6	20.6
4 1	12 7.42	+ 4 9.4	1.826	2.811	4.3	20.8
4 11	12 0.30	+ 4 52.8	1.866	2.813	8.2	21.1
4 21	11 54.66	+ 5 22.6	1.930	2.815	11.7	21.3
5 1	11 51.00	+ 5 36.5	2.016	2.817	14.7	21.5

83366 2001 SF_2 3 24.2 79.°90 1.°3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.65	− 9 53.3	2.201	3.026	12.1	19.2
3 2	12 27.40	− 8 53.0	2.130	3.037	9.0	19.1
3 12	12 21.65	− 7 36.4	2.084	3.047	5.5	18.9
3 22	12 15.04	− 6 8.2	2.066	3.058	1.9	18.6
4 1	12 8.30	− 4 34.8	2.077	3.069	2.7	18.7
4 11	12 2.22	− 3 3.5	2.118	3.080	6.3	19.0
4 21	11 57.42	− 1 40.8	2.186	3.091	9.7	19.2
5 1	11 54.33	− 0 31.6	2.278	3.102	12.5	19.4

405920 2006 KG_{48} 3 24.2 61.°97 4.°3/20.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.90	+ 5 28.6	1.339	2.217	15.2	20.8
3 2	12 32.56	+ 6 34.1	1.290	2.229	10.8	20.6
3 12	12 24.79	+ 7 44.6	1.265	2.240	6.4	20.4
3 22	12 15.61	+ 8 50.6	1.264	2.252	4.3	20.3
4 1	12 6.33	+ 9 42.7	1.289	2.264	7.3	20.5
4 11	11 58.28	+10 14.0	1.339	2.276	11.6	20.7
4 21	11 52.40	+10 22.1	1.411	2.289	15.6	21.0
5 1	11 49.25	+10 7.4	1.500	2.301	18.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
247136	2000 WS_{82}		3 24.2	191.°89	5.°2/31.6	18
	h m	° ′			°	m
2 21	12 33.13	−23 25.6	2.876	3.610	11.8	20.3
3 2	12 28.34	−23 27.2	2.781	3.609	9.9	20.1
3 12	12 22.17	−23 10.4	2.709	3.607	7.8	20.0
3 22	12 15.14	−22 35.4	2.662	3.605	6.0	19.9
4 1	12 7.89	−21 44.0	2.644	3.603	5.2	19.8
4 11	12 1.13	−20 40.6	2.654	3.601	6.1	19.9
4 21	11 55.42	−19 30.2	2.692	3.598	8.0	20.0
5 1	11 51.23	−18 18.7	2.755	3.595	10.1	20.1
153789	2001 VC_{70}		3 24.2	125.°31	0.°4/24.5	18
2 21	12 40.40	− 3 23.8	2.039	2.875	12.5	20.2
3 2	12 33.74	− 3 18.0	1.972	2.888	9.1	20.0
3 12	12 25.25	− 3 2.5	1.930	2.900	5.2	19.8
3 22	12 15.69	− 2 40.6	1.917	2.912	1.1	19.5
4 1	12 5.99	− 2 16.7	1.933	2.924	3.2	19.7
4 11	11 57.13	− 1 55.3	1.978	2.935	7.1	19.9
4 21	11 49.85	− 1 40.2	2.050	2.945	10.7	20.2
5 1	11 44.67	− 1 34.4	2.145	2.955	13.6	20.4
331811	2003 SU_{99}		3 24.2	260.°15	2.°3/26.9	18
2 21	12 34.98	−12 38.0	2.577	3.376	11.3	21.3
3 2	12 29.87	−12 1.4	2.459	3.348	8.8	21.1
3 12	12 23.16	−11 7.9	2.366	3.318	5.8	20.8
3 22	12 15.34	− 9 59.4	2.301	3.288	2.9	20.6
4 1	12 7.12	− 8 40.0	2.267	3.257	2.9	20.5
4 11	11 59.27	− 7 15.6	2.264	3.225	6.0	20.7
4 21	11 52.50	− 5 52.6	2.288	3.192	9.3	20.8
5 1	11 47.38	− 4 36.9	2.338	3.158	12.4	21.0
298995	2004 XH_{28}		3 24.2	95.°34	2.°7/26.5	18
2 21	12 39.97	−10 44.0	1.595	2.421	15.9	21.1
3 2	12 33.77	−10 30.0	1.538	2.442	12.0	20.9
3 12	12 25.38	− 9 56.2	1.503	2.463	7.7	20.7
3 22	12 15.72	− 9 6.0	1.494	2.483	3.5	20.5
4 1	12 5.97	− 8 5.8	1.512	2.503	3.8	20.5
4 11	11 57.33	− 7 3.7	1.558	2.523	7.9	20.8
4 21	11 50.67	− 6 7.3	1.630	2.542	11.9	21.1
5 1	11 46.53	− 5 22.3	1.722	2.560	15.3	21.4
417246	2005 YZ_{184}		3 24.2	85.°51	5.°1/18.8	18
2 21	12 37.55	+10 42.2	1.907	2.775	11.8	21.0
3 2	12 31.62	+12 3.5	1.873	2.802	8.6	20.9
3 12	12 23.97	+13 22.6	1.864	2.830	5.8	20.8
3 22	12 15.44	+14 31.5	1.884	2.857	5.3	20.8
4 1	12 6.98	+15 23.8	1.931	2.883	7.4	21.0
4 11	11 59.50	+15 55.3	2.005	2.909	10.3	21.2
4 21	11 53.66	+16 5.5	2.103	2.935	13.0	21.4
5 1	11 49.89	+15 55.5	2.220	2.960	15.3	21.6
423260	2004 TP_{294}		3 24.2	115.°94	2.°2/21.8	18
2 21	12 36.97	+ 3 18.9	2.204	3.058	11.0	21.6
3 2	12 31.11	+ 4 3.8	2.147	3.075	7.8	21.5
3 12	12 23.70	+ 4 53.1	2.117	3.091	4.4	21.3
3 22	12 15.41	+ 5 41.7	2.115	3.107	2.2	21.1
4 1	12 7.07	+ 6 24.2	2.143	3.122	4.4	21.3
4 11	11 59.49	+ 6 56.1	2.200	3.137	7.7	21.5
4 21	11 53.32	+ 7 14.8	2.282	3.151	10.8	21.8
5 1	11 48.99	+ 7 19.2	2.386	3.165	13.4	22.0
315241	2007 RN_{290}		3 24.2	94.°09	0.°2/24.3	18
2 21	12 37.70	− 5 2.9	1.599	2.447	14.8	21.8
3 2	12 32.13	− 4 19.3	1.542	2.464	10.7	21.6
3 12	12 24.45	− 3 20.6	1.508	2.480	6.1	21.3
3 22	12 15.55	− 2 12.7	1.501	2.497	1.2	21.0
4 1	12 6.57	− 1 3.4	1.522	2.513	3.8	21.3
4 11	11 58.62	− 0 0.9	1.570	2.529	8.4	21.6
4 21	11 52.54	+ 0 48.9	1.643	2.544	12.5	21.8
5 1	11 48.87	+ 1 22.0	1.737	2.560	15.8	22.1
432919	2011 SZ_{51}		3 24.2	235.°39	5.°6/15.9	16
2 21	12 36.96	+20 36.9	3.067	3.914	8.5	21.6
3 2	12 30.94	+21 28.3	2.994	3.898	6.8	21.4
3 12	12 23.58	+22 13.3	2.948	3.882	5.8	21.4
3 22	12 15.40	+22 47.2	2.931	3.865	5.9	21.3
4 1	12 7.05	+23 6.0	2.943	3.848	7.2	21.4
4 11	11 59.19	+23 7.5	2.982	3.830	9.1	21.5
4 21	11 52.39	+22 51.5	3.045	3.812	10.9	21.6
5 1	11 47.10	+22 19.2	3.128	3.793	12.6	21.7
48795	1997 TB_{10}		3 24.2	77.°85	0.°3/24.4	18
2 21	12 35.83	− 4 44.5	2.162	2.999	11.9	19.6
3 2	12 30.27	− 4 8.7	2.111	3.027	8.5	19.4
3 12	12 23.20	− 3 22.3	2.085	3.056	4.9	19.2
3 22	12 15.32	− 2 29.7	2.088	3.084	1.0	19.0
4 1	12 7.45	− 1 36.2	2.121	3.111	2.9	19.2
4 11	12 0.39	− 0 47.3	2.182	3.139	6.5	19.5
4 21	11 54.74	− 0 7.2	2.270	3.166	9.7	19.7
5 1	11 50.90	+ 0 21.2	2.381	3.192	12.4	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
511045	2013 RG_{64}		3 24.2	205.°91	0.°4/23.3	18
	h m	° ′			°	m
2 21	12 26.42	− 0 55.6	4.775	5.614	5.8	22.0
3 2	12 23.05	− 0 24.4	4.692	5.612	4.1	21.9
3 12	12 19.01	+ 0 10.7	4.637	5.610	2.3	21.7
3 22	12 14.58	+ 0 47.6	4.612	5.608	0.5	21.6
4 1	12 10.07	+ 1 24.1	4.618	5.605	1.8	21.7
4 11	12 5.81	+ 1 58.0	4.655	5.603	3.7	21.8
4 21	12 2.07	+ 2 27.3	4.720	5.600	5.4	22.0
5 1	11 59.09	+ 2 50.7	4.810	5.598	6.9	22.1
55131	2001 QY_{180}		3 24.2	110.°17	2.°3/26.3	18
2 21	12 36.71	−10 0.5	1.828	2.653	14.2	19.2
3 2	12 31.34	− 9 42.6	1.758	2.663	10.7	19.0
3 12	12 24.01	− 9 7.4	1.711	2.672	6.8	18.8
3 22	12 15.50	− 8 17.9	1.691	2.681	3.0	18.6
4 1	12 6.79	− 7 19.7	1.699	2.690	3.4	18.6
4 11	11 58.93	− 6 19.9	1.735	2.699	7.3	18.9
4 21	11 52.72	− 5 25.0	1.797	2.708	11.0	19.1
5 1	11 48.70	− 4 40.6	1.881	2.716	14.3	19.4
210765	2000 WS_{160}		3 24.2	68.°54	7.°1/18.2	18
2 21	12 38.25	+12 22.1	1.376	2.257	14.7	19.7
3 2	12 32.74	+13 52.8	1.337	2.271	10.9	19.5
3 12	12 24.85	+15 19.7	1.321	2.286	7.8	19.4
3 22	12 15.64	+16 31.7	1.330	2.301	7.4	19.4
4 1	12 6.41	+17 19.7	1.365	2.316	9.9	19.5
4 11	11 58.47	+17 38.8	1.423	2.331	13.4	19.8
4 21	11 52.69	+17 29.5	1.502	2.346	16.7	20.0
5 1	11 49.60	+16 54.9	1.599	2.361	19.5	20.3
38069	1999 GN		3 24.2	257.°90	1.°0/25.1	18
2 21	12 36.07	− 7 44.7	1.662	2.502	14.7	19.1
3 2	12 31.29	− 6 59.5	1.570	2.486	11.0	18.8
3 12	12 24.22	− 5 54.1	1.501	2.469	6.6	18.5
3 22	12 15.58	− 4 32.8	1.458	2.452	1.9	18.2
4 1	12 6.43	− 3 3.3	1.442	2.434	3.7	18.3
4 11	11 57.97	− 1 35.1	1.455	2.416	8.6	18.5
4 21	11 51.22	− 0 17.1	1.492	2.398	13.2	18.7
5 1	11 46.91	+ 0 44.1	1.550	2.379	17.1	18.9
242440	2004 PB_{47}		3 24.2	266.°72	0.°7/24.9	17
2 21	12 34.28	− 5 6.6	2.545	3.376	10.5	20.5
3 2	12 29.27	− 4 52.5	2.448	3.361	7.7	20.3
3 12	12 22.77	− 4 28.8	2.378	3.346	4.6	20.1
3 22	12 15.29	− 3 57.9	2.336	3.331	1.2	19.8
4 1	12 7.53	− 3 23.5	2.324	3.315	2.6	19.9
4 11	12 0.22	− 2 49.8	2.341	3.299	6.0	20.1
4 21	11 54.01	− 2 20.9	2.385	3.284	9.2	20.3
5 1	11 49.41	− 2 0.0	2.453	3.268	12.0	20.4
202864	2008 UY_3		3 24.2	226.°84	1.°8/25.8	18
2 21	12 37.95	− 9 31.0	1.728	2.556	14.8	21.4
3 2	12 32.54	− 8 54.8	1.637	2.546	11.1	21.2
3 12	12 24.88	− 7 58.2	1.570	2.534	6.9	20.9
3 22	12 15.70	− 6 45.0	1.530	2.522	2.6	20.6
4 1	12 6.05	− 5 21.7	1.518	2.510	3.6	20.6
4 11	11 57.14	− 3 57.3	1.534	2.496	8.2	20.9
4 21	11 49.94	− 2 40.4	1.575	2.482	12.6	21.1
5 1	11 45.17	− 1 37.8	1.638	2.467	16.4	21.3
374597	2006 DL_{95}		3 24.2	59.°65	0.°2/24.0	17
2 21	12 35.87	− 2 47.7	1.878	2.728	12.8	20.7
3 2	12 30.69	− 2 23.8	1.809	2.732	9.3	20.5
3 12	12 23.63	− 1 49.1	1.763	2.736	5.2	20.3
3 22	12 15.44	− 1 8.0	1.745	2.741	0.9	19.9
4 1	12 7.05	− 0 26.1	1.755	2.745	3.5	20.2
4 11	11 59.45	+ 0 10.8	1.793	2.750	7.7	20.4
4 21	11 53.40	+ 0 38.1	1.856	2.754	11.4	20.6
5 1	11 49.46	+ 0 52.8	1.940	2.759	14.6	20.9
175578	2006 TU_{76}		3 24.2	254.°47	1.°5/25.8	18
2 21	12 35.92	− 7 18.2	2.374	3.198	11.4	20.0
3 2	12 30.51	− 7 19.3	2.286	3.192	8.5	19.8
3 12	12 23.48	− 7 9.5	2.223	3.186	5.3	19.6
3 22	12 15.43	− 6 50.6	2.187	3.179	2.1	19.4
4 1	12 7.10	− 6 25.9	2.182	3.173	2.8	19.4
4 11	11 59.31	− 5 59.5	2.205	3.166	6.2	19.6
4 21	11 52.76	− 5 35.6	2.256	3.160	9.4	19.8
5 1	11 47.97	− 5 17.9	2.330	3.153	12.3	20.0
349374	2007 VV_{309}		3 24.2	152.°08	3.°0/27.8	17
2 21	12 34.52	−13 39.1	2.589	3.384	11.4	21.2
3 2	12 29.36	−13 35.6	2.507	3.389	8.9	21.0
3 12	12 22.76	−13 17.7	2.448	3.393	6.1	20.9
3 22	12 15.29	−12 46.8	2.418	3.398	3.6	20.7
4 1	12 7.62	−12 6.0	2.416	3.402	3.3	20.7
4 11	12 0.51	−11 19.7	2.444	3.405	5.6	20.9
4 21	11 54.54	−10 32.7	2.500	3.409	8.4	21.0
5 1	11 50.18	− 9 49.6	2.580	3.412	11.0	21.2

68099 2000 YX_{118} 3 24.2 52.°04 5.°7/29.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.75	−17 33.1	1.843	2.632	15.5	18.7
3 2	12 32.24	−18 5.7	1.767	2.638	12.6	18.5
3 12	12 24.62	−18 17.1	1.713	2.644	9.3	18.3
3 22	12 15.64	−18 7.0	1.683	2.650	6.6	18.1
4 1	12 6.35	−17 37.7	1.681	2.656	5.9	18.1
4 11	11 57.85	−16 54.8	1.705	2.663	7.9	18.2
4 21	11 51.06	−16 5.4	1.754	2.669	11.0	18.4
5 1	11 46.60	−15 16.8	1.826	2.676	14.1	18.6

372648 2009 WU_{28} 3 24.2 109.°83 2.°3/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.14	−10 17.1	1.912	2.737	13.7	20.7
3 2	12 30.19	− 9 57.3	1.836	2.741	10.4	20.5
3 12	12 23.38	− 9 20.2	1.784	2.745	6.6	20.2
3 22	12 15.41	− 8 28.9	1.759	2.749	3.0	20.0
4 1	12 7.22	− 7 28.8	1.761	2.752	3.3	20.1
4 11	11 59.77	− 6 26.6	1.792	2.756	7.0	20.3
4 21	11 53.85	− 5 28.9	1.848	2.760	10.7	20.5
5 1	11 50.02	− 4 41.3	1.927	2.764	14.0	20.7

330162 2006 BR_{133} 3 24.2 71.°85 0.°3/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.07	− 4 16.3	1.846	2.692	13.2	21.1
3 2	12 30.83	− 3 53.4	1.779	2.700	9.6	20.8
3 12	12 23.72	− 3 18.4	1.736	2.708	5.5	20.6
3 22	12 15.47	− 2 35.5	1.721	2.716	1.2	20.3
4 1	12 7.05	− 1 50.3	1.733	2.724	3.3	20.5
4 11	11 59.45	− 1 8.9	1.773	2.733	7.5	20.8
4 21	11 53.45	− 0 36.4	1.839	2.741	11.3	21.0
5 1	11 49.57	− 0 16.2	1.926	2.749	14.5	21.2

467789 2009 WX_{252} 3 24.2 115.°40 4.°2/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.72	+ 8 30.2	1.925	2.792	11.8	21.5
3 2	12 31.21	+ 9 26.9	1.867	2.798	8.5	21.3
3 12	12 23.89	+10 24.7	1.833	2.804	5.4	21.1
3 22	12 15.50	+11 16.6	1.828	2.810	4.3	21.0
4 1	12 6.98	+11 56.3	1.851	2.816	6.5	21.2
4 11	11 59.29	+12 19.3	1.900	2.821	9.8	21.4
4 21	11 53.19	+12 23.6	1.973	2.826	12.9	21.6
5 1	11 49.16	+12 9.5	2.066	2.832	15.6	21.8

148678 2001 SM_{213} 3 24.2 169.°26 2.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.52	+ 2 30.5	2.196	3.050	11.1	21.4
3 2	12 30.92	+ 3 26.6	2.126	3.054	7.8	21.2
3 12	12 23.68	+ 4 28.9	2.083	3.058	4.4	21.0
3 22	12 15.46	+ 5 31.8	2.069	3.061	2.1	20.9
4 1	12 7.08	+ 6 29.2	2.084	3.063	4.5	21.0
4 11	11 59.38	+ 7 15.8	2.128	3.065	8.0	21.2
4 21	11 53.05	+ 7 48.0	2.198	3.066	11.2	21.4
5 1	11 48.59	+ 8 4.2	2.290	3.067	13.9	21.6

401860 2000 QP_{93} 3 24.2 220.°67 2.°1/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.18	− 9 27.6	1.975	2.794	13.5	22.4
3 2	12 33.21	− 9 10.6	1.881	2.784	10.3	22.2
3 12	12 25.18	− 8 37.0	1.812	2.772	6.5	21.9
3 22	12 15.76	− 7 49.3	1.770	2.760	2.7	21.6
4 1	12 5.92	− 6 52.3	1.757	2.748	3.4	21.6
4 11	11 56.72	− 5 52.6	1.772	2.734	7.4	21.9
4 21	11 49.07	− 4 56.8	1.815	2.719	11.3	22.1
5 1	11 43.61	− 4 10.7	1.880	2.704	14.8	22.3

312176 2007 VA_5 3 24.2 231.°74 3.°6/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.30	−12 29.8	1.699	2.516	15.5	20.8
3 2	12 32.85	−12 27.3	1.612	2.509	12.0	20.6
3 12	12 25.09	−12 4.2	1.547	2.501	8.1	20.3
3 22	12 15.76	−11 21.9	1.507	2.492	4.4	20.1
4 1	12 5.96	−10 24.9	1.494	2.483	4.3	20.0
4 11	11 56.92	− 9 20.7	1.509	2.474	8.1	20.2
4 21	11 49.65	− 8 17.6	1.549	2.464	12.2	20.4
5 1	11 44.89	− 7 22.9	1.611	2.454	15.9	20.7

384240 2009 DH_{74} 3 24.2 8.°46 0.°1/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.82	− 3 8.1	1.766	2.621	13.3	20.6
3 2	12 29.33	− 2 48.5	1.697	2.623	9.6	20.4
3 12	12 22.92	− 2 17.5	1.651	2.625	5.5	20.1
3 22	12 15.34	− 1 39.3	1.631	2.627	1.0	19.8
4 1	12 7.53	− 0 59.5	1.639	2.630	3.5	20.0
4 11	12 0.51	− 0 24.4	1.674	2.634	7.8	20.3
4 21	11 55.08	+ 0 1.3	1.734	2.639	11.7	20.5
5 1	11 51.79	+ 0 14.3	1.814	2.644	15.0	20.7

4275 Bogustafson 3 24.2 156.°79 3.°2/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.24	−12 34.0	2.283	3.081	12.6	19.2
3 2	12 32.91	−12 44.5	2.202	3.088	9.8	19.0
3 12	12 24.84	−12 40.0	2.146	3.094	6.7	18.8
3 22	12 15.68	−12 21.7	2.118	3.100	3.8	18.6
4 1	12 6.29	−11 52.4	2.119	3.105	3.7	18.6
4 11	11 57.57	−11 16.8	2.150	3.109	6.4	18.8
4 21	11 50.25	−10 40.0	2.207	3.114	9.5	19.0
5 1	11 44.87	−10 6.9	2.289	3.117	12.3	19.2

382242 2012 SP_{34} 3 24.2 156.°35 0.°5/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.51	− 4 35.6	2.252	3.088	11.5	21.2
3 2	12 30.20	− 4 16.5	2.175	3.091	8.4	21.0
3 12	12 23.29	− 3 47.2	2.124	3.093	4.9	20.8
3 22	12 15.40	− 3 10.7	2.100	3.095	1.1	20.5
4 1	12 7.32	− 2 31.6	2.106	3.098	2.9	20.7
4 11	11 59.87	− 1 54.7	2.141	3.099	6.5	20.9
4 21	11 53.73	− 1 24.3	2.203	3.101	9.9	21.1
5 1	11 49.39	− 1 3.7	2.288	3.103	12.8	21.3

377457 2004 VP_{79} 3 24.2 247.°06 0.°4/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.89	− 5 19.1	2.068	2.907	12.3	21.8
3 2	12 29.99	− 4 43.7	1.979	2.896	9.0	21.6
3 12	12 23.28	− 3 54.9	1.915	2.885	5.2	21.3
3 22	12 15.42	− 2 56.8	1.879	2.874	1.2	21.0
4 1	12 7.22	− 1 54.9	1.871	2.862	3.2	21.2
4 11	11 59.63	− 0 55.7	1.892	2.851	7.2	21.4
4 21	11 53.41	− 0 5.0	1.939	2.838	11.0	21.6
5 1	11 49.14	+ 0 33.0	2.009	2.826	14.2	21.8

499127 2009 LE_1 3 24.2 282.°02 4.°1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.94	+ 4 57.2	1.573	2.448	13.5	21.4
3 2	12 30.48	+ 6 19.6	1.497	2.434	9.7	21.1
3 12	12 23.75	+ 7 50.6	1.446	2.421	5.8	20.9
3 22	12 15.52	+ 9 21.1	1.420	2.407	4.2	20.7
4 1	12 6.88	+10 40.8	1.422	2.394	7.2	20.9
4 11	11 59.05	+11 41.2	1.449	2.380	11.5	21.1
4 21	11 52.99	+12 17.4	1.498	2.366	15.5	21.3
5 1	11 49.39	+12 28.0	1.566	2.353	18.9	21.5

292150 2006 RZ_{94} 3 24.2 111.°22 0.°9/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.11	− 7 1.5	2.503	3.331	10.8	20.9
3 2	12 28.31	− 6 29.1	2.432	3.342	7.9	20.7
3 12	12 22.15	− 5 45.3	2.387	3.353	4.7	20.5
3 22	12 15.19	− 4 53.6	2.370	3.364	1.4	20.3
4 1	12 8.12	− 3 58.3	2.383	3.374	2.5	20.4
4 11	12 1.64	− 3 4.6	2.425	3.385	5.8	20.6
4 21	11 56.31	− 2 16.8	2.495	3.395	8.8	20.8
5 1	11 52.55	− 1 38.4	2.588	3.405	11.4	21.0

247184 2001 DJ_{91} 3 24.2 113.°03 3.°4/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.73	−10 58.6	1.623	2.447	15.8	20.3
3 2	12 33.82	−11 10.2	1.551	2.453	12.1	20.0
3 12	12 25.57	−11 3.0	1.501	2.458	8.0	19.8
3 22	12 15.84	−10 38.8	1.477	2.464	4.2	19.6
4 1	12 5.80	−10 1.6	1.480	2.469	4.2	19.6
4 11	11 56.71	− 9 18.5	1.509	2.474	8.1	19.8
4 21	11 49.53	− 8 36.5	1.564	2.479	12.1	20.1
5 1	11 44.93	− 8 2.0	1.640	2.484	15.7	20.3

219774 2001 YY_{145} 3 24.2 221.°63 4.°1/27.9 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.19	−14 26.7	2.078	2.874	13.8	20.6
3 2	12 32.44	−14 38.8	1.986	2.867	10.9	20.4
3 12	12 24.72	−14 33.2	1.917	2.860	7.7	20.1
3 22	12 15.69	−14 10.4	1.875	2.853	4.8	19.9
4 1	12 6.27	−13 33.2	1.861	2.845	4.4	19.9
4 11	11 57.47	−12 46.9	1.876	2.836	7.1	20.1
4 21	11 50.14	−11 57.7	1.917	2.828	10.5	20.2
5 1	11 44.93	−11 11.9	1.981	2.819	13.6	20.4

242180 2003 HO_{46} 3 24.2 308.°85 6.°6/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.57	+10 27.0	1.263	2.146	15.5	19.6
3 2	12 33.63	+11 28.0	1.191	2.129	11.5	19.3
3 12	12 25.77	+12 30.4	1.141	2.112	7.8	19.1
3 22	12 15.92	+13 23.5	1.115	2.095	6.7	18.9
4 1	12 5.51	+13 56.5	1.113	2.079	9.7	19.1
4 11	11 56.14	+14 2.3	1.135	2.063	14.2	19.3
4 21	11 49.08	+13 39.3	1.176	2.048	18.6	19.5
5 1	11 45.15	+12 49.1	1.234	2.033	22.4	19.7

50857 2000 FP_{62} 3 24.2 145.°36 1.°3/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.90	+ 0 37.4	2.353	3.203	10.6	19.7
3 2	12 29.66	+ 1 17.9	2.283	3.209	7.5	19.5
3 12	12 22.95	+ 2 4.9	2.240	3.215	4.1	19.3
3 22	12 15.35	+ 2 54.2	2.226	3.221	1.3	19.1
4 1	12 7.62	+ 3 40.5	2.242	3.226	3.7	19.2
4 11	12 0.52	+ 4 19.2	2.286	3.231	7.0	19.5
4 21	11 54.67	+ 4 46.9	2.356	3.236	10.1	19.7
5 1	11 50.52	+ 5 1.7	2.450	3.240	12.7	19.9

403266 2008 YE_{145} 3 24.2 77.°55 3.°4/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.15	+ 2 42.0	1.419	2.293	14.7	21.3
3 2	12 31.33	+ 3 59.9	1.361	2.298	10.5	21.0
3 12	12 24.18	+ 5 27.5	1.326	2.303	5.9	20.8
3 22	12 15.59	+ 6 55.3	1.317	2.308	3.4	20.6
4 1	12 6.80	+ 8 12.7	1.334	2.313	6.6	20.8
4 11	11 59.06	+ 9 11.2	1.377	2.318	11.1	21.1
4 21	11 53.32	+ 9 46.2	1.442	2.322	15.2	21.4
5 1	11 50.17	+ 9 56.7	1.526	2.327	18.6	21.6

465095 2006 UB_{140} 3 24.2 278.°02 4.°6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.74	−15 19.0	1.686	2.496	15.9	21.1
3 2	12 31.05	−15 19.2	1.597	2.486	12.6	20.8
3 12	12 24.10	−14 56.2	1.530	2.476	8.9	20.6
3 22	12 15.61	−14 10.8	1.487	2.466	5.5	20.4
4 1	12 6.64	−13 7.0	1.471	2.457	5.0	20.3
4 11	11 58.41	−11 52.6	1.481	2.447	8.1	20.5
4 21	11 51.91	−10 36.6	1.517	2.437	12.0	20.7
5 1	11 47.87	− 9 27.4	1.574	2.427	15.7	20.9

147628 2004 HQ_{46} 3 24.2 203.°33 4.°2/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.36	+12 4.2	2.492	3.350	9.8	20.2
3 2	12 31.38	+12 39.5	2.424	3.348	7.2	20.1
3 12	12 23.90	+13 12.6	2.382	3.346	4.9	19.9
3 22	12 15.53	+13 38.6	2.369	3.343	4.3	19.9
4 1	12 7.02	+13 53.3	2.385	3.340	6.0	20.0
4 11	11 59.14	+13 53.8	2.430	3.337	8.6	20.1
4 21	11 52.54	+13 39.2	2.499	3.334	11.1	20.3
5 1	11 47.66	+13 10.0	2.590	3.331	13.4	20.5

15970 Robertbrownlee 3 24.2 177.°53 2.°5/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.44	+ 2 36.4	1.690	2.547	13.7	19.6
3 2	12 34.90	+ 3 26.2	1.621	2.550	9.8	19.3
3 12	12 26.12	+ 4 23.8	1.577	2.552	5.5	19.1
3 22	12 15.95	+ 5 22.1	1.560	2.553	2.5	18.9
4 1	12 5.53	+ 6 13.7	1.572	2.553	5.5	19.1
4 11	11 56.05	+ 6 51.9	1.612	2.553	9.8	19.3
4 21	11 48.46	+ 7 12.8	1.676	2.551	13.7	19.5
5 1	11 43.36	+ 7 15.2	1.760	2.549	17.0	19.8

277443 2005 UF_{456} 3 24.2 204.°06 1.°4/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.69	− 7 11.6	2.297	3.118	11.8	21.6
3 2	12 32.56	− 7 3.9	2.208	3.113	8.8	21.4
3 12	12 24.68	− 6 44.3	2.144	3.107	5.4	21.2
3 22	12 15.69	− 6 15.1	2.108	3.101	2.0	20.9
4 1	12 6.40	− 5 40.2	2.103	3.094	2.9	21.0
4 11	11 57.70	− 5 4.2	2.127	3.087	6.5	21.2
4 21	11 50.33	− 4 31.8	2.179	3.078	9.9	21.4
5 1	11 44.85	− 4 7.0	2.254	3.070	12.9	21.6

498499 2008 CC_{212} 3 24.2 2.°97 5.°6/18.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.12	+ 6 26.9	1.418	2.303	14.0	20.5
3 2	12 28.48	+ 8 34.0	1.361	2.302	10.0	20.2
3 12	12 22.60	+10 48.6	1.328	2.302	6.5	20.0
3 22	12 15.31	+12 57.8	1.322	2.302	5.9	20.0
4 1	12 7.78	+14 48.4	1.343	2.303	9.0	20.2
4 11	12 1.21	+16 10.8	1.387	2.304	13.0	20.4
4 21	11 56.51	+17 1.2	1.453	2.306	16.7	20.6
5 1	11 54.28	+17 19.6	1.536	2.308	19.8	20.8

2183 Neufang 3 24.2 235.°17 6.°1/14.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.74	+21 38.2	3.051	3.898	8.5	17.8
3 2	12 30.15	+22 49.3	2.979	3.881	6.9	17.6
3 12	12 23.21	+23 54.2	2.935	3.862	6.1	17.5
3 22	12 15.42	+24 47.3	2.920	3.844	6.4	17.5
4 1	12 7.42	+25 24.2	2.933	3.824	7.8	17.6
4 11	11 59.88	+25 42.3	2.973	3.804	9.6	17.7
4 21	11 53.38	+25 41.2	3.035	3.783	11.4	17.8
5 1	11 48.36	+25 21.8	3.117	3.762	13.0	17.9

227727 2006 EF_{35} 3 24.2 137.°02 1.°2/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.72	+ 0 4.0	2.232	3.082	11.1	21.0
3 2	12 30.30	+ 0 46.4	2.165	3.091	7.9	20.8
3 12	12 23.33	+ 1 36.1	2.125	3.099	4.3	20.6
3 22	12 15.43	+ 2 28.4	2.113	3.108	1.3	20.4
4 1	12 7.41	+ 3 18.0	2.130	3.116	3.7	20.6
4 11	12 0.08	+ 3 59.7	2.177	3.123	7.2	20.8
4 21	11 54.08	+ 4 30.0	2.249	3.130	10.4	21.0
5 1	11 49.88	+ 4 46.7	2.344	3.137	13.2	21.2

300049 2006 UB_{142} 3 24.2 246.°80 1.°8/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.49	+ 3 10.8	2.445	3.297	10.1	21.5
3 2	12 30.13	+ 3 37.6	2.362	3.289	7.2	21.3
3 12	12 23.26	+ 4 8.8	2.307	3.281	4.1	21.1
3 22	12 15.43	+ 4 40.4	2.280	3.273	1.8	20.9
4 1	12 7.39	+ 5 8.0	2.283	3.264	3.9	21.0
4 11	11 59.89	+ 5 27.6	2.315	3.256	7.2	21.2
4 21	11 53.59	+ 5 36.7	2.373	3.247	10.2	21.4
5 1	11 48.97	+ 5 33.7	2.453	3.238	12.9	21.6

94753 2001 XE_{88} 3 24.2 100.°17 1.°7/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.89	− 0 10.1	1.482	2.344	14.9	19.6
3 2	12 33.17	+ 0 38.2	1.425	2.356	10.6	19.4
3 12	12 25.15	+ 1 37.4	1.391	2.367	5.9	19.2
3 22	12 15.78	+ 2 40.3	1.384	2.379	1.7	18.9
4 1	12 6.26	+ 3 38.6	1.404	2.390	5.0	19.2
4 11	11 57.86	+ 4 24.6	1.450	2.401	9.7	19.4
4 21	11 51.47	+ 4 53.7	1.520	2.412	13.9	19.7
5 1	11 47.68	+ 5 3.7	1.609	2.422	17.3	20.0

470229 2006 WY_{108} 3 24.2 127.°18 1.°9/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.98	−10 35.5	2.629	3.440	10.8	22.0
3 2	12 28.21	−10 14.3	2.552	3.448	8.2	21.8
3 12	12 22.11	− 9 40.2	2.499	3.456	5.2	21.6
3 22	12 15.22	− 8 55.7	2.475	3.463	2.5	21.4
4 1	12 8.19	− 8 4.5	2.480	3.470	2.6	21.5
4 11	12 1.69	− 7 11.4	2.515	3.477	5.4	21.7
4 21	11 56.30	− 6 21.0	2.577	3.484	8.3	21.8
5 1	11 52.42	− 5 37.2	2.664	3.491	10.8	22.0

145270 2005 JE_{138} 3 24.2 181.°03 4.°2/18.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.04	+12 6.5	2.762	3.622	8.8	20.9
3 2	12 28.91	+13 9.9	2.698	3.623	6.5	20.7
3 12	12 22.48	+14 11.9	2.662	3.623	4.6	20.6
3 22	12 15.29	+15 7.3	2.655	3.623	4.3	20.6
4 1	12 7.97	+15 51.5	2.677	3.623	5.9	20.7
4 11	12 1.18	+16 20.9	2.727	3.622	8.2	20.8
4 21	11 55.47	+16 34.3	2.803	3.620	10.5	21.0
5 1	11 51.26	+16 31.6	2.899	3.619	12.5	21.1

55877 1997 VZ_6 3 24.2 189.°42 0.°4/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.28	− 5 22.3	2.252	3.084	11.6	20.0
3 2	12 30.80	− 4 44.8	2.170	3.084	8.5	19.8
3 12	12 23.67	− 3 55.2	2.113	3.082	4.9	19.6
3 22	12 15.52	− 2 57.4	2.085	3.080	1.1	19.3
4 1	12 7.13	− 1 56.6	2.086	3.077	2.9	19.4
4 11	11 59.37	− 0 58.8	2.117	3.074	6.7	19.7
4 21	11 52.91	− 0 9.0	2.175	3.070	10.2	19.9
5 1	11 48.30	+ 0 29.0	2.256	3.065	13.1	20.1

347321 2011 SH_6 3 24.2 131.°24 3.°2/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.37	−14 32.8	2.494	3.288	11.8	21.4
3 2	12 28.60	−14 20.6	2.412	3.294	9.2	21.2
3 12	12 22.38	−13 52.5	2.355	3.299	6.4	21.0
3 22	12 15.28	−13 10.2	2.325	3.304	3.8	20.9
4 1	12 8.00	−12 17.2	2.323	3.309	3.4	20.9
4 11	12 1.29	−11 18.7	2.351	3.313	5.7	21.0
4 21	11 55.75	−10 19.9	2.406	3.318	8.6	21.2
5 1	11 51.84	− 9 26.0	2.485	3.322	11.2	21.4

8989 1979 XJ 3 24.2 191.°23 3.°4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.92	+ 4 40.6	1.856	2.715	12.5	18.7
3 2	12 33.70	+ 5 49.7	1.784	2.714	9.0	18.4
3 12	12 25.42	+ 7 5.0	1.738	2.712	5.3	18.2
3 22	12 15.85	+ 8 19.0	1.720	2.708	3.4	18.1
4 1	12 6.02	+ 9 23.7	1.732	2.704	6.1	18.2
4 11	11 57.00	+10 12.5	1.771	2.699	9.9	18.4
4 21	11 49.67	+10 42.0	1.834	2.694	13.5	18.6
5 1	11 44.61	+10 50.9	1.918	2.687	16.5	18.8

397581 2007 US_{127} 3 24.2 207.°37 0.°1/24.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.30	− 3 54.3	1.760	2.606	13.8	22.0
3 2	12 32.67	− 3 22.8	1.681	2.602	10.0	21.8
3 12	12 24.91	− 2 37.9	1.626	2.598	5.7	21.5
3 22	12 15.77	− 1 44.2	1.598	2.594	1.1	21.1
4 1	12 6.30	− 0 48.2	1.598	2.589	3.7	21.3
4 11	11 57.61	+ 0 3.0	1.626	2.583	8.3	21.6
4 21	11 50.63	+ 0 43.6	1.679	2.577	12.4	21.8
5 1	11 45.99	+ 1 9.6	1.754	2.571	15.9	22.0

100885 1998 HV_{106} 3 24.2 13.°73 7.°3/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 29.19	+ 8 8.8	0.889	1.799	17.6	17.8
3 2	12 27.08	+ 9 52.7	0.853	1.805	12.7	17.6
3 12	12 22.03	+11 39.6	0.836	1.813	8.4	17.4
3 22	12 15.24	+13 13.4	0.841	1.823	7.6	17.4
4 1	12 8.32	+14 19.7	0.866	1.836	11.1	17.6
4 11	12 2.86	+14 50.1	0.912	1.850	15.6	17.9
4 21	11 59.91	+14 44.1	0.975	1.866	19.9	18.2
5 1	11 59.99	+14 5.1	1.053	1.884	23.4	18.5

168795 2000 SU_{70} 3 24.2 169.°84 1.°0/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.45	− 1 41.8	1.997	2.842	12.4	21.4
3 2	12 32.48	− 0 50.8	1.924	2.847	8.9	21.2
3 12	12 24.66	+ 0 10.8	1.877	2.851	4.9	21.0
3 22	12 15.71	+ 1 17.5	1.859	2.854	1.1	20.7
4 1	12 6.56	+ 2 22.5	1.870	2.857	3.9	20.9
4 11	11 58.18	+ 3 19.5	1.910	2.859	7.9	21.1
4 21	11 51.34	+ 4 3.6	1.976	2.860	11.6	21.4
5 1	11 46.58	+ 4 31.9	2.064	2.860	14.6	21.6

159271 2005 YB_{213} 3 24.2 192.°16 2.°6/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.29	+ 3 33.8	1.875	2.729	12.6	20.8
3 2	12 34.68	+ 4 19.6	1.801	2.728	9.1	20.6
3 12	12 25.98	+ 5 11.5	1.751	2.725	5.2	20.3
3 22	12 15.96	+ 6 3.3	1.731	2.722	2.6	20.1
4 1	12 5.68	+ 6 48.3	1.739	2.718	5.3	20.3
4 11	11 56.21	+ 7 20.8	1.776	2.713	9.3	20.5
4 21	11 48.45	+ 7 37.3	1.837	2.707	13.0	20.7
5 1	11 43.00	+ 7 36.6	1.920	2.701	16.1	20.9

8576 1996 VN_8 3 24.2 140.°24 1.°1/23.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 39.55	− 0 47.4	1.910	2.757	12.7	19.0
3 2	12 33.26	− 0 6.0	1.846	2.770	9.1	18.8
3 12	12 25.08	+ 0 44.7	1.808	2.782	5.0	18.5
3 22	12 15.80	+ 1 39.2	1.798	2.793	1.2	18.3
4 1	12 6.38	+ 2 31.2	1.817	2.803	4.0	18.5
4 11	11 57.85	+ 3 14.7	1.864	2.813	8.1	18.8
4 21	11 50.96	+ 3 45.5	1.938	2.822	11.7	19.0
5 1	11 46.24	+ 4 1.4	2.033	2.831	14.7	19.2

337777 2001 UH_{173} 3 24.2 216.°59 3.°4/20.4 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 36.36	+ 8 46.3	2.415	3.274	10.0	20.8
3 2	12 30.74	+ 9 23.2	2.343	3.271	7.2	20.7
3 12	12 23.60	+10 0.5	2.297	3.267	4.5	20.5
3 22	12 15.54	+10 33.2	2.281	3.263	3.5	20.4
4 1	12 7.30	+10 56.9	2.293	3.259	5.4	20.5
4 11	11 59.67	+11 8.1	2.334	3.255	8.2	20.7
4 21	11 53.31	+11 5.1	2.400	3.250	11.0	20.8
5 1	11 48.67	+10 47.6	2.487	3.246	13.4	21.0

310058 2010 JF_{84} 3 24.2 251.°07 4.°1/20.8 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 39.34	+ 6 5.4	1.580	2.449	13.8	20.4
3 2	12 33.70	+ 7 3.9	1.503	2.436	10.0	20.2
3 12	12 25.62	+ 8 8.2	1.450	2.423	6.0	19.9
3 22	12 15.94	+ 9 10.0	1.423	2.410	4.2	19.8
4 1	12 5.82	+10 0.6	1.423	2.397	7.1	19.9
4 11	11 56.56	+10 33.0	1.450	2.383	11.3	20.1
4 21	11 49.19	+10 43.6	1.499	2.368	15.4	20.3
5 1	11 44.45	+10 31.9	1.567	2.354	18.9	20.5

388318 2006 SD_{332} 3 24.2 124.°07 2.°3/21.6 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 36.43	+ 5 33.0	2.609	3.461	9.6	21.6
3 2	12 30.61	+ 5 59.9	2.545	3.471	6.8	21.4
3 12	12 23.44	+ 6 28.8	2.509	3.482	3.9	21.3
3 22	12 15.50	+ 6 55.7	2.502	3.492	2.3	21.2
4 1	12 7.48	+ 7 16.8	2.525	3.501	4.1	21.3
4 11	12 0.09	+ 7 28.9	2.578	3.511	7.0	21.5
4 21	11 53.87	+ 7 30.2	2.657	3.520	9.7	21.7
5 1	11 49.26	+ 7 20.1	2.758	3.529	11.9	21.9

196587 2003 QJ_{50} 3 24.2 197.°16 3.°3/19.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 35.06	+ 7 32.7	2.576	3.434	9.5	20.8
3 2	12 29.76	+ 8 35.0	2.503	3.431	6.8	20.6
3 12	12 23.03	+ 9 39.5	2.457	3.427	4.2	20.4
3 22	12 15.44	+10 40.8	2.440	3.422	3.3	20.3
4 1	12 7.67	+11 33.6	2.454	3.417	5.2	20.5
4 11	12 0.44	+12 13.5	2.496	3.412	8.0	20.6
4 21	11 54.36	+12 38.1	2.564	3.406	10.7	20.8
5 1	11 49.87	+12 46.7	2.653	3.399	13.0	20.9

346215 2007 YK_{31} 3 24.2 97.°99 6.°5/ 1.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 36.28	−24 57.9	2.493	3.221	13.6	20.6
3 2	12 30.80	−25 25.5	2.416	3.234	11.5	20.5
3 12	12 23.68	−25 32.4	2.360	3.248	9.3	20.3
3 22	12 15.56	−25 17.9	2.329	3.261	7.4	20.2
4 1	12 7.24	−24 43.6	2.325	3.274	6.5	20.2
4 11	11 59.54	−23 53.7	2.348	3.287	7.3	20.3
4 21	11 53.17	−22 54.1	2.398	3.299	9.1	20.4
5 1	11 48.62	−21 51.2	2.472	3.312	11.2	20.6

381475 2008 SM_6 3 24.2 170.°42 2.°0/21.7 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 34.89	+ 2 39.6	2.425	3.278	10.2	21.8
3 2	12 29.66	+ 3 36.4	2.354	3.281	7.2	21.6
3 12	12 22.98	+ 4 38.8	2.310	3.284	4.0	21.4
3 22	12 15.43	+ 5 41.7	2.295	3.287	2.0	21.2
4 1	12 7.73	+ 6 39.5	2.311	3.289	4.2	21.4
4 11	12 0.62	+ 7 27.2	2.355	3.290	7.4	21.6
4 21	11 54.72	+ 8 1.7	2.425	3.291	10.4	21.8
5 1	11 50.48	+ 8 21.3	2.518	3.292	12.9	22.0

201614 2003 SN_{217} 3 24.2 204.°64 0.°9/23.3 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 35.35	− 0 58.2	2.158	3.007	11.4	21.1
3 2	12 30.19	− 0 23.1	2.081	3.005	8.2	20.9
3 12	12 23.37	+ 0 20.8	2.029	3.003	4.6	20.6
3 22	12 15.51	+ 1 8.9	2.005	3.000	1.0	20.4
4 1	12 7.43	+ 1 55.9	2.010	2.998	3.6	20.5
4 11	11 59.99	+ 2 36.4	2.044	2.995	7.3	20.8
4 21	11 53.90	+ 3 6.4	2.104	2.992	10.8	21.0
5 1	11 49.66	+ 3 23.2	2.186	2.989	13.7	21.2

204143 2003 YO_{68} 3 24.2 169.°56 13.°9/ 3.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 45.14	−32 2.7	1.365	2.085	23.2	20.8
3 2	12 38.84	−33 29.1	1.291	2.088	20.6	20.6
3 12	12 29.01	−34 18.4	1.232	2.092	17.9	20.4
3 22	12 16.63	−34 22.4	1.192	2.094	15.4	20.2
4 1	12 3.42	−33 38.1	1.172	2.096	14.0	20.1
4 11	11 51.38	−32 11.5	1.175	2.097	14.4	20.2
4 21	11 42.16	−30 15.9	1.199	2.097	16.4	20.3
5 1	11 36.72	−28 8.0	1.242	2.096	19.1	20.4

12799 von Suttner 3 24.2 195.°85 0.°8/23.4 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 37.42	− 1 49.7	1.921	2.769	12.6	19.3
3 2	12 31.87	− 1 5.8	1.843	2.767	9.1	19.0
3 12	12 24.40	− 0 10.8	1.791	2.765	5.1	18.8
3 22	12 15.71	+ 0 50.0	1.766	2.762	1.0	18.5
4 1	12 6.76	+ 1 50.2	1.771	2.758	3.9	18.7
4 11	11 58.54	+ 2 42.9	1.803	2.754	8.1	18.9
4 21	11 51.86	+ 3 23.2	1.861	2.750	11.9	19.2
5 1	11 47.32	+ 3 48.0	1.941	2.745	15.1	19.4

244093 2001 UM_{82} 3 24.2 289.°55 5.°7/17.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 36.62	+15 14.6	2.178	3.042	10.7	19.9
3 2	12 31.11	+16 5.7	2.112	3.035	8.2	19.7
3 12	12 23.88	+16 52.5	2.072	3.028	6.2	19.6
3 22	12 15.61	+17 28.5	2.059	3.021	5.9	19.5
4 1	12 7.16	+17 48.5	2.073	3.014	7.7	19.6
4 11	11 59.41	+17 49.2	2.114	3.007	10.4	19.8
4 21	11 53.09	+17 30.2	2.179	3.000	13.0	19.9
5 1	11 48.70	+16 52.6	2.263	2.994	15.3	20.1

27149 1998 YN_3 3 24.2 202.°11 3.°2/21.1 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 37.59	+ 5 18.9	1.942	2.804	11.9	18.3
3 2	12 31.96	+ 6 11.6	1.870	2.801	8.5	18.1
3 12	12 24.43	+ 7 8.9	1.824	2.798	5.0	17.9
3 22	12 15.73	+ 8 4.2	1.806	2.795	3.2	17.7
4 1	12 6.78	+ 8 51.0	1.817	2.791	5.7	17.9
4 11	11 58.59	+ 9 23.8	1.855	2.787	9.3	18.1
4 21	11 51.95	+ 9 39.6	1.917	2.782	12.7	18.3
5 1	11 47.43	+ 9 37.5	2.000	2.777	15.6	18.5

2098 Zyskin 3 24.2 221.°03 1.°8/25.7 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 39.20	− 7 48.7	1.863	2.692	13.8	16.7
3 2	12 33.32	− 7 43.1	1.777	2.685	10.4	16.5
3 12	12 25.31	− 7 22.6	1.714	2.678	6.5	16.2
3 22	12 15.91	− 6 49.8	1.679	2.671	2.5	15.9
4 1	12 6.10	− 6 9.0	1.672	2.663	3.4	16.0
4 11	11 57.01	− 5 26.5	1.693	2.655	7.6	16.2
4 21	11 49.55	− 4 48.2	1.739	2.646	11.6	16.4
5 1	11 44.38	− 4 19.2	1.808	2.637	15.1	16.6

288615 2004 ND_9 3 24.2 294.°07 1.°1/23.1 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 33.61	− 2 21.0	1.683	2.543	13.6	20.3
3 2	12 29.46	− 1 21.8	1.597	2.527	9.8	20.1
3 12	12 23.20	− 0 7.7	1.535	2.511	5.5	19.8
3 22	12 15.53	+ 1 15.2	1.500	2.495	1.2	19.4
4 1	12 7.43	+ 2 38.3	1.492	2.480	4.5	19.6
4 11	12 0.03	+ 3 52.8	1.511	2.464	9.2	19.9
4 21	11 54.23	+ 4 51.6	1.554	2.449	13.5	20.1
5 1	11 50.73	+ 5 30.4	1.617	2.433	17.1	20.3

64027 2001 SV_{161} 3 24.2 121.°23 2.°4/27.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 32.74	−12 31.1	2.379	3.187	11.9	19.6
3 2	12 28.20	−12 1.4	2.299	3.192	9.1	19.4
3 12	12 22.20	−11 15.7	2.245	3.198	6.0	19.3
3 22	12 15.31	−10 16.6	2.217	3.203	3.1	19.1
4 1	12 8.26	− 9 8.8	2.219	3.209	3.0	19.1
4 11	12 1.80	− 7 58.1	2.250	3.214	5.8	19.3
4 21	11 56.54	− 6 50.3	2.308	3.219	8.9	19.5
5 1	11 52.94	− 5 50.6	2.390	3.224	11.7	19.6

337412 2001 QO_{262} 3 24.2 135.°10 2.°0/26.9 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 35.41	−11 7.6	3.034	3.832	9.8	22.0
3 2	12 29.79	−10 58.6	2.959	3.847	7.5	21.8
3 12	12 22.96	−10 38.4	2.910	3.862	4.9	21.7
3 22	12 15.45	−10 8.9	2.891	3.876	2.5	21.5
4 1	12 7.83	− 9 32.8	2.902	3.890	2.5	21.5
4 11	12 0.72	− 8 54.0	2.943	3.903	4.9	21.7
4 21	11 54.62	− 8 16.1	3.013	3.915	7.4	21.9
5 1	11 49.92	− 7 42.5	3.108	3.927	9.6	22.1

149728 Klostermann 3 24.2 168.°24 8.°1/15.2 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 37.88	+19 52.3	1.941	2.804	11.9	20.0
3 2	12 32.17	+21 24.1	1.893	2.807	9.5	19.9
3 12	12 24.52	+22 47.1	1.870	2.809	8.2	19.8
3 22	12 15.74	+23 52.5	1.874	2.811	8.5	19.8
4 1	12 6.83	+24 33.6	1.904	2.812	10.3	19.9
4 11	11 58.80	+24 47.3	1.958	2.813	12.8	20.1
4 21	11 52.45	+24 34.3	2.033	2.814	15.2	20.2
5 1	11 48.29	+23 57.3	2.126	2.815	17.3	20.4

287096 2002 RT_{110} 3 24.2 221.°12 2.°8/26.8 17

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
2 21	12 38.43	−11 0.3	1.940	2.755	13.9	21.4
3 2	12 32.73	−10 56.7	1.850	2.748	10.7	21.2
3 12	12 24.98	−10 36.0	1.784	2.740	7.0	21.0
3 22	12 15.85	−10 0.0	1.745	2.732	3.5	20.7
4 1	12 6.33	− 9 12.8	1.734	2.724	3.7	20.7
4 11	11 57.48	− 8 20.6	1.751	2.714	7.3	20.9
4 21	11 50.18	− 7 29.9	1.795	2.705	11.1	21.1
5 1	11 45.10	− 6 46.7	1.861	2.695	14.5	21.3

72568 2001 EZ_{12} 3 24.2 90.°58 9.°5/16.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.16	+21 50.0	1.619	2.479	14.0	18.0
3 2	12 35.98	+23 10.5	1.591	2.501	11.3	17.9
3 12	12 26.61	+24 16.5	1.587	2.522	9.6	17.8
3 22	12 16.10	+24 58.8	1.608	2.543	9.8	17.9
4 1	12 5.74	+25 11.6	1.654	2.563	11.6	18.0
4 11	11 56.74	+24 54.0	1.724	2.583	14.1	18.2
4 21	11 49.92	+24 9.2	1.814	2.603	16.5	18.5
5 1	11 45.72	+23 2.2	1.922	2.622	18.6	18.7

238364 2004 CP_{46} 3 24.2 96.°71 2.°1/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.64	+ 2 44.8	2.162	3.020	11.0	20.9
3 2	12 29.60	+ 3 30.8	2.098	3.028	7.8	20.7
3 12	12 22.99	+ 4 22.3	2.060	3.035	4.4	20.5
3 22	12 15.46	+ 5 14.0	2.050	3.043	2.1	20.3
4 1	12 7.80	+ 6 0.2	2.070	3.050	4.4	20.5
4 11	12 0.84	+ 6 36.2	2.117	3.058	7.8	20.7
4 21	11 55.22	+ 6 58.8	2.190	3.065	10.9	20.9
5 1	11 51.41	+ 7 6.5	2.285	3.072	13.6	21.1

293513 2007 GC_{30} 3 24.2 236.°50 0.°2/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.46	− 3 10.0	1.743	2.587	13.9	21.4
3 2	12 34.42	− 2 40.0	1.652	2.573	10.2	21.1
3 12	12 26.04	− 1 56.6	1.585	2.557	5.8	20.8
3 22	12 16.07	− 1 4.4	1.545	2.541	1.0	20.4
4 1	12 5.57	− 0 9.7	1.534	2.524	4.0	20.6
4 11	11 55.77	+ 0 40.1	1.551	2.506	8.8	20.8
4 21	11 47.70	+ 1 18.8	1.593	2.488	13.2	21.1
5 1	11 42.11	+ 1 42.2	1.656	2.468	17.0	21.3

503544 2016 FL_{31} 3 24.2 254.°52 0.°5/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.25	− 4 35.9	2.066	2.908	12.1	21.6
3 2	12 29.62	− 3 24.3	1.969	2.890	8.8	21.4
3 12	12 23.18	− 1 57.0	1.898	2.871	5.0	21.1
3 22	12 15.52	− 0 19.3	1.855	2.851	0.9	20.8
4 1	12 7.48	+ 1 21.1	1.842	2.831	3.7	20.9
4 11	11 59.98	+ 2 55.9	1.858	2.810	7.9	21.1
4 21	11 53.80	+ 4 17.9	1.901	2.789	11.7	21.3
5 1	11 49.57	+ 5 22.2	1.966	2.767	15.0	21.5

141156 2001 XN_{116} 3 24.2 79.°70 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.01	− 4 55.7	2.287	3.123	11.4	20.7
3 2	12 29.77	− 4 35.9	2.223	3.138	8.3	20.5
3 12	12 23.05	− 4 6.0	2.185	3.154	4.8	20.3
3 22	12 15.47	− 3 29.4	2.174	3.169	1.2	20.1
4 1	12 7.79	− 2 50.3	2.194	3.185	2.7	20.2
4 11	12 0.80	− 2 13.7	2.241	3.200	6.2	20.5
4 21	11 55.11	− 1 43.3	2.316	3.215	9.4	20.7
5 1	11 51.14	− 1 22.4	2.414	3.230	12.1	20.9

346873 2009 FN_{47} 3 24.2 332.°24 4.°3/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.59	+ 9 37.7	2.060	2.928	11.0	20.6
3 2	12 29.71	+10 28.6	1.992	2.924	8.0	20.4
3 12	12 23.13	+11 19.8	1.950	2.919	5.2	20.2
3 22	12 15.50	+12 5.1	1.935	2.915	4.4	20.1
4 1	12 7.67	+12 38.6	1.948	2.911	6.5	20.3
4 11	12 0.53	+12 56.0	1.988	2.907	9.6	20.4
4 21	11 54.81	+12 55.5	2.052	2.903	12.6	20.6
5 1	11 51.01	+12 37.1	2.136	2.900	15.2	20.8

425548 2010 RD_{103} 3 24.2 226.°85 0.°7/24.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.64	− 6 30.3	1.900	2.736	13.3	22.2
3 2	12 31.43	− 5 48.6	1.812	2.727	9.8	21.9
3 12	12 24.23	− 4 51.0	1.748	2.717	5.8	21.6
3 22	12 15.72	− 3 41.6	1.712	2.707	1.5	21.3
4 1	12 6.84	− 2 27.1	1.704	2.696	3.3	21.4
4 11	11 58.63	− 1 15.0	1.725	2.684	7.7	21.7
4 21	11 51.95	− 0 12.3	1.772	2.672	11.8	21.9
5 1	11 47.42	+ 0 36.1	1.840	2.660	15.2	22.1

467867 2011 BO_{76} 3 24.2 255.°89 1.°6/25.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.70	− 8 10.0	1.897	2.729	13.5	22.1
3 2	12 30.73	− 7 51.8	1.813	2.724	10.1	21.8
3 12	12 23.82	− 7 17.9	1.753	2.718	6.2	21.6
3 22	12 15.65	− 6 31.4	1.720	2.712	2.3	21.3
4 1	12 7.15	− 5 37.5	1.714	2.706	3.2	21.4
4 11	11 59.33	− 4 42.7	1.737	2.700	7.3	21.6
4 21	11 53.04	− 3 53.4	1.785	2.694	11.2	21.8
5 1	11 48.87	− 3 14.7	1.855	2.688	14.6	22.0

366893 2005 TD_{135} 3 24.2 160.°06 1.°5/22.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.92	+ 1 35.5	2.391	3.237	10.6	22.8
3 2	12 31.83	+ 2 14.0	2.321	3.244	7.5	22.6
3 12	12 24.22	+ 2 58.1	2.278	3.251	4.2	22.4
3 22	12 15.70	+ 3 43.6	2.264	3.258	1.5	22.2
4 1	12 7.04	+ 4 25.4	2.281	3.263	3.8	22.4
4 11	11 59.05	+ 4 59.1	2.327	3.268	7.1	22.6
4 21	11 52.36	+ 5 21.6	2.400	3.273	10.2	22.8
5 1	11 47.43	+ 5 31.4	2.495	3.276	12.8	23.0

402940 2007 TK_{266} 3 24.2 138.°93 0.°7/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.16	− 2 6.4	1.971	2.815	12.6	22.5
3 2	12 32.95	− 1 22.0	1.908	2.829	9.0	22.3
3 12	12 24.92	− 0 27.4	1.869	2.842	5.0	22.0
3 22	12 15.83	+ 0 32.2	1.859	2.855	1.0	21.8
4 1	12 6.62	+ 1 30.4	1.879	2.867	3.7	22.0
4 11	11 58.26	+ 2 21.1	1.927	2.878	7.7	22.3
4 21	11 51.49	+ 2 59.8	2.001	2.888	11.3	22.5
5 1	11 46.82	+ 3 23.8	2.098	2.897	14.3	22.7

54227 2000 JE_{11} 3 24.2 118.°40 3.°7/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.77	+ 8 43.5	2.168	3.030	10.8	19.8
3 2	12 31.15	+ 9 24.4	2.105	3.034	7.8	19.6
3 12	12 23.88	+10 5.7	2.068	3.038	4.9	19.4
3 22	12 15.64	+10 41.8	2.059	3.042	3.8	19.3
4 1	12 7.28	+11 7.6	2.079	3.046	5.8	19.5
4 11	11 59.64	+11 19.4	2.127	3.049	8.8	19.7
4 21	11 53.42	+11 15.6	2.199	3.053	11.7	19.8
5 1	11 49.09	+10 56.3	2.292	3.056	14.3	20.0

522600 2016 EM_{248} 3 24.2 214.°37 4.°4/19.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.15	+ 8 53.3	1.992	2.857	11.5	21.5
3 2	12 31.64	+ 9 59.1	1.922	2.852	8.4	21.3
3 12	12 24.27	+11 6.7	1.877	2.846	5.4	21.1
3 22	12 15.73	+12 8.9	1.861	2.840	4.5	21.0
4 1	12 6.95	+12 58.7	1.872	2.834	6.8	21.1
4 11	11 58.89	+13 31.0	1.911	2.827	10.0	21.3
4 21	11 52.35	+13 43.5	1.974	2.820	13.2	21.5
5 1	11 47.88	+13 35.9	2.056	2.812	15.9	21.7

120230 2004 FQ_{63} 3 24.2 224.°06 2.°6/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.12	+ 1 37.7	1.591	2.453	14.1	20.4
3 2	12 33.51	+ 2 38.1	1.514	2.445	10.1	20.1
3 12	12 25.53	+ 3 49.4	1.461	2.436	5.7	19.8
3 22	12 15.98	+ 5 3.8	1.434	2.427	2.6	19.6
4 1	12 6.03	+ 6 12.4	1.436	2.417	5.7	19.8
4 11	11 56.93	+ 7 7.0	1.464	2.407	10.3	20.0
4 21	11 49.71	+ 7 42.4	1.515	2.396	14.6	20.2
5 1	11 45.05	+ 7 56.2	1.587	2.384	18.2	20.4

65580 4181 $T\text{-}_2$ 3 24.2 235.°32 1.°8/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.39	+ 3 15.9	2.318	3.171	10.6	19.6
3 2	12 30.84	+ 3 38.3	2.242	3.169	7.5	19.4
3 12	12 23.72	+ 4 4.9	2.192	3.166	4.2	19.2
3 22	12 15.62	+ 4 31.6	2.171	3.164	1.8	19.0
4 1	12 7.34	+ 4 54.1	2.179	3.161	4.0	19.2
4 11	11 59.67	+ 5 8.5	2.216	3.158	7.4	19.4
4 21	11 53.28	+ 5 12.2	2.279	3.156	10.5	19.6
5 1	11 48.67	+ 5 4.0	2.364	3.153	13.2	19.7

373011 2011 DU_8 3 24.2 48.°60 3.°3/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.54	+ 2 11.4	1.618	2.490	13.3	19.8
3 2	12 28.49	+ 3 52.6	1.565	2.502	9.4	19.6
3 12	12 22.52	+ 5 42.9	1.536	2.513	5.3	19.4
3 22	12 15.41	+ 7 32.6	1.536	2.525	3.3	19.3
4 1	12 8.18	+ 9 11.3	1.562	2.538	6.3	19.5
4 11	12 1.85	+10 30.8	1.615	2.550	10.2	19.7
4 21	11 57.19	+11 26.4	1.692	2.563	13.8	20.0
5 1	11 54.71	+11 56.8	1.788	2.576	16.8	20.2

61266 2000 OY_{29} 3 24.2 187.°16 5.°7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.35	−21 42.1	2.349	3.100	13.7	19.2
3 2	12 31.72	−21 53.8	2.258	3.099	11.4	19.0
3 12	12 24.31	−21 44.6	2.189	3.098	8.8	18.9
3 22	12 15.75	−21 14.5	2.145	3.097	6.6	18.7
4 1	12 6.88	−20 25.4	2.129	3.095	5.7	18.7
4 11	11 58.62	−19 22.3	2.142	3.092	7.1	18.7
4 21	11 51.71	−18 11.8	2.181	3.089	9.5	18.9
5 1	11 46.73	−17 1.0	2.245	3.086	12.1	19.0

465720 2009 UB_{103} 3 24.2 186.°48 0.°4/23.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.79	− 4 6.0	2.473	3.308	10.6	22.4
3 2	12 29.63	− 3 1.8	2.391	3.308	7.7	22.2
3 12	12 23.02	− 1 46.3	2.335	3.307	4.3	22.0
3 22	12 15.50	− 0 24.3	2.309	3.305	0.7	21.7
4 1	12 7.79	+ 0 58.4	2.315	3.303	3.1	21.9
4 11	12 0.64	+ 2 15.6	2.350	3.300	6.6	22.1
4 21	11 54.66	+ 3 22.1	2.413	3.296	9.7	22.3
5 1	11 50.31	+ 4 14.6	2.499	3.292	12.5	22.5

117155 2004 QT_5 3 24.2 228.°08 2.°5/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.74	−11 5.6	2.033	2.850	13.3	20.4
3 2	12 30.69	−10 50.9	1.946	2.845	10.2	20.2
3 12	12 23.78	−10 19.2	1.882	2.839	6.6	19.9
3 22	12 15.66	− 9 32.9	1.845	2.833	3.2	19.7
4 1	12 7.22	− 8 36.3	1.836	2.826	3.4	19.7
4 11	11 59.42	− 7 35.8	1.856	2.820	6.9	19.9
4 21	11 53.05	− 6 38.0	1.902	2.813	10.5	20.1
5 1	11 48.71	− 5 48.5	1.971	2.806	13.8	20.3

33200 Carasummit 3 24.2 327.°92 1.°9/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.25	− 9 10.7	2.079	2.907	12.6	18.7
3 2	12 28.84	− 8 56.2	1.994	2.901	9.5	18.4
3 12	12 22.70	− 8 26.8	1.933	2.895	6.0	18.2
3 22	12 15.46	− 7 45.2	1.899	2.889	2.6	18.0
4 1	12 7.94	− 6 55.6	1.893	2.884	3.0	18.0
4 11	12 1.02	− 6 4.1	1.915	2.879	6.6	18.2
4 21	11 55.45	− 5 16.3	1.963	2.874	10.2	18.4
5 1	11 51.77	− 4 37.2	2.033	2.870	13.3	18.6

284308 2006 QG_{33} 3 24.2 149.°08 3.°3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.96	+ 7 42.5	2.614	3.475	9.2	21.5
3 2	12 28.21	+ 8 54.5	2.552	3.482	6.6	21.3
3 12	12 22.16	+10 8.2	2.518	3.488	4.2	21.2
3 22	12 15.34	+11 18.1	2.514	3.494	3.4	21.2
4 1	12 8.41	+12 18.7	2.539	3.500	5.3	21.3
4 11	12 2.04	+13 5.8	2.593	3.505	7.9	21.4
4 21	11 56.76	+13 37.2	2.671	3.510	10.4	21.6
5 1	11 53.00	+13 52.0	2.772	3.515	12.5	21.8

8510 1991 PT_{8} 3 24.2 92.°86 2.°6/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.12	+ 2 56.9	2.144	3.005	11.0	18.3
3 2	12 28.52	+ 4 12.8	2.086	3.017	7.7	18.1
3 12	12 22.40	+ 5 34.6	2.054	3.029	4.4	18.0
3 22	12 15.39	+ 6 55.8	2.051	3.041	2.6	17.9
4 1	12 8.28	+ 8 9.6	2.077	3.053	4.9	18.0
4 11	12 1.86	+ 9 10.0	2.131	3.064	8.2	18.2
4 21	11 56.77	+ 9 53.7	2.211	3.076	11.3	18.5
5 1	11 53.44	+10 19.1	2.311	3.087	13.8	18.7

462926 2011 BF_{15} 3 24.2 40.°17 6.°1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.34	+ 7 14.4	1.313	2.202	14.6	19.6
3 2	12 28.57	+ 9 31.0	1.281	2.224	10.4	19.4
3 12	12 22.60	+11 49.6	1.273	2.246	6.9	19.3
3 22	12 15.42	+13 56.3	1.291	2.269	6.4	19.3
4 1	12 8.25	+15 38.8	1.335	2.293	9.3	19.5
4 11	12 2.24	+16 49.6	1.402	2.317	13.0	19.8
4 21	11 58.21	+17 27.2	1.491	2.342	16.4	20.1
5 1	11 56.61	+17 33.9	1.596	2.367	19.2	20.4

41100 1999 VW_{64} 3 24.2 304.°58 2.°7/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.02	−11 35.4	1.764	2.591	14.6	18.4
3 2	12 29.06	−11 12.2	1.667	2.572	11.2	18.2
3 12	12 23.02	−10 28.0	1.593	2.552	7.4	17.9
3 22	12 15.55	− 9 25.0	1.544	2.533	3.6	17.6
4 1	12 7.60	− 8 8.8	1.523	2.514	3.7	17.6
4 11	12 0.25	− 6 47.5	1.528	2.496	7.7	17.8
4 21	11 54.45	− 5 29.7	1.559	2.477	11.9	18.0
5 1	11 50.89	− 4 23.0	1.611	2.459	15.7	18.1

15592 2000 GJ_{91} 3 24.2 47.°06 5.°1/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.40	+ 6 25.2	1.311	2.195	15.0	17.5
3 2	12 30.78	+ 7 57.2	1.274	2.214	10.7	17.3
3 12	12 23.85	+ 9 32.5	1.259	2.234	6.6	17.1
3 22	12 15.66	+10 59.9	1.270	2.255	5.2	17.1
4 1	12 7.47	+12 9.0	1.307	2.276	8.1	17.3
4 11	12 0.52	+12 52.9	1.367	2.297	12.1	17.6
4 21	11 55.67	+13 9.9	1.449	2.319	15.8	17.9
5 1	11 53.38	+13 1.2	1.549	2.341	18.8	18.2

253078 2002 TA_{184} 3 24.2 108.°45 3.°3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.92	−12 43.4	1.720	2.537	15.3	20.3
3 2	12 31.71	−12 30.5	1.648	2.545	11.8	20.1
3 12	12 24.40	−11 56.7	1.599	2.553	7.9	19.9
3 22	12 15.78	−11 4.7	1.575	2.560	4.2	19.7
4 1	12 6.93	−10 0.0	1.578	2.568	4.0	19.7
4 11	11 58.95	− 8 50.4	1.609	2.575	7.5	19.9
4 21	11 52.72	− 7 43.9	1.666	2.582	11.4	20.2
5 1	11 48.82	− 6 47.2	1.744	2.589	14.9	20.4

101326 1998 SS_{159} 3 24.2 201.°63 1.°6/22.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.06	+ 0 17.7	2.051	2.902	11.8	21.1
3 2	12 31.55	+ 1 9.8	1.972	2.898	8.5	20.9
3 12	12 24.22	+ 2 10.9	1.919	2.894	4.7	20.6
3 22	12 15.75	+ 3 15.4	1.895	2.889	1.6	20.4
4 1	12 7.02	+ 4 16.9	1.899	2.883	4.3	20.6
4 11	11 58.96	+ 5 9.1	1.933	2.877	8.1	20.8
4 21	11 52.35	+ 5 47.6	1.992	2.871	11.7	21.0
5 1	11 47.74	+ 6 9.9	2.072	2.863	14.7	21.2

341470 2007 TB_{324} 3 24.2 65.°59 3.°2/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.50	−12 58.4	2.116	2.925	13.1	20.7
3 2	12 29.67	−12 52.2	2.039	2.930	10.2	20.5
3 12	12 23.14	−12 29.1	1.985	2.935	6.9	20.3
3 22	12 15.56	−11 50.8	1.957	2.941	3.9	20.2
4 1	12 7.77	−11 1.3	1.958	2.946	3.6	20.1
4 11	12 0.64	−10 6.6	1.987	2.951	6.5	20.3
4 21	11 54.89	− 9 12.6	2.042	2.957	9.7	20.5
5 1	11 51.05	− 8 24.8	2.121	2.962	12.7	20.7

460206 2014 QB_{164} 3 24.2 154.°47 4.°6/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.75	+ 8 49.1	1.836	2.700	12.4	21.2
3 2	12 33.53	+ 9 57.9	1.778	2.708	9.0	21.0
3 12	12 25.33	+11 7.9	1.746	2.715	5.8	20.8
3 22	12 15.96	+12 11.1	1.742	2.722	4.7	20.8
4 1	12 6.45	+13 0.3	1.766	2.728	7.1	20.9
4 11	11 57.87	+13 30.4	1.817	2.733	10.4	21.1
4 21	11 51.01	+13 39.5	1.891	2.738	13.7	21.4
5 1	11 46.40	+13 28.2	1.985	2.741	16.4	21.6

370716 2004 RJ_{4} 3 24.2 134.°67 1.°2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.01	+ 2 1.6	2.237	3.079	11.3	21.0
3 2	12 34.83	+ 2 9.3	2.169	3.090	8.1	20.8
3 12	12 25.95	+ 2 21.5	2.129	3.102	4.5	20.6
3 22	12 16.07	+ 2 34.6	2.118	3.113	1.3	20.4
4 1	12 6.09	+ 2 44.9	2.138	3.123	3.7	20.6
4 11	11 56.90	+ 2 48.8	2.187	3.133	7.2	20.8
4 21	11 49.21	+ 2 44.1	2.263	3.142	10.5	21.0
5 1	11 43.51	+ 2 29.6	2.363	3.151	13.2	21.2

160458 2005 YT_{174} 3 24.2 270.°15 14.°6/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.54	−26 27.5	1.215	1.977	23.5	19.6
3 2	12 41.20	−28 47.7	1.136	1.969	20.7	19.4
3 12	12 30.79	−30 39.4	1.074	1.961	17.8	19.1
3 22	12 17.14	−31 51.4	1.031	1.952	15.4	19.0
4 1	12 2.01	−32 15.9	1.009	1.944	14.6	18.9
4 11	11 47.76	−31 54.9	1.009	1.935	15.8	18.9
4 21	11 36.45	−30 59.0	1.029	1.926	18.5	19.0
5 1	11 29.47	−29 44.2	1.066	1.918	21.7	19.2

232551 2003 SJ_{206} 3 24.2 100.°96 7.°4/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.92	−22 23.1	2.139	2.881	15.1	20.3
3 2	12 36.63	−23 31.4	2.062	2.893	12.7	20.1
3 12	12 27.19	−24 19.2	2.008	2.905	10.2	20.0
3 22	12 16.34	−24 44.0	1.980	2.917	8.1	19.9
4 1	12 5.12	−24 45.8	1.979	2.929	7.4	19.9
4 11	11 54.64	−24 28.1	2.005	2.940	8.5	19.9
4 21	11 45.84	−23 57.0	2.058	2.952	10.7	20.1
5 1	11 39.38	−23 19.7	2.135	2.963	13.1	20.3

178234 2006 WY_{78} 3 24.2 294.°08 1.°1/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.87	− 6 31.6	2.254	3.087	11.6	20.4
3 2	12 29.19	− 6 15.9	2.165	3.077	8.6	20.2
3 12	12 22.89	− 5 48.2	2.101	3.067	5.2	20.0
3 22	12 15.54	− 5 11.3	2.064	3.057	1.7	19.7
4 1	12 7.90	− 4 29.5	2.056	3.048	2.8	19.8
4 11	12 0.79	− 3 47.7	2.077	3.038	6.4	20.0
4 21	11 54.93	− 3 10.8	2.124	3.029	9.9	20.2
5 1	11 50.84	− 2 42.8	2.194	3.019	12.9	20.4

333155 2012 BR_{57} 3 24.2 114.°26 1.°0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.36	− 1 40.4	1.700	2.553	13.8	22.1
3 2	12 32.62	− 0 52.0	1.640	2.566	9.9	21.9
3 12	12 24.84	+ 0 7.8	1.605	2.580	5.5	21.6
3 22	12 15.89	+ 1 12.6	1.598	2.593	1.2	21.4
4 1	12 6.81	+ 2 14.8	1.618	2.606	4.2	21.6
4 11	11 58.69	+ 3 7.5	1.666	2.618	8.6	21.9
4 21	11 52.36	+ 3 45.8	1.739	2.630	12.5	22.1
5 1	11 48.33	+ 4 7.0	1.833	2.641	15.7	22.4

289181 2004 VY_{74} 3 24.2 196.°29 3.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.91	−14 33.8	2.438	3.231	12.1	20.9
3 2	12 29.84	−14 7.0	2.347	3.228	9.4	20.7
3 12	12 23.21	−13 22.7	2.280	3.225	6.5	20.5
3 22	12 15.59	−12 23.0	2.240	3.221	3.7	20.3
4 1	12 7.74	−11 12.0	2.230	3.217	3.3	20.3
4 11	12 0.43	− 9 55.6	2.249	3.212	5.9	20.5
4 21	11 54.34	− 8 40.2	2.296	3.206	9.0	20.6
5 1	11 49.96	− 7 31.4	2.368	3.200	11.9	20.8

424686 2008 RP_{114} 3 24.2 22.°14 2.°8/22.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.09	+ 5 56.6	1.742	2.604	13.1	20.4
3 2	12 34.61	+ 6 2.6	1.677	2.607	9.4	20.2
3 12	12 26.00	+ 6 10.3	1.636	2.610	5.5	20.0
3 22	12 16.11	+ 6 14.9	1.622	2.614	2.8	19.8
4 1	12 6.04	+ 6 11.8	1.637	2.618	5.3	20.0
4 11	11 56.92	+ 5 57.5	1.679	2.622	9.3	20.2
4 21	11 49.63	+ 5 30.6	1.745	2.627	12.9	20.5
5 1	11 44.75	+ 4 51.1	1.833	2.631	16.1	20.7

34038 Abualragheb 3 24.2 324.°47 0.°2/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.99	− 4 56.8	1.263	2.129	16.7	18.3
3 2	12 30.26	− 4 7.6	1.189	2.120	12.3	18.0
3 12	12 23.90	− 2 57.2	1.136	2.111	7.0	17.7
3 22	12 15.76	− 1 32.5	1.107	2.103	1.3	17.3
4 1	12 7.14	− 0 3.7	1.103	2.095	4.7	17.5
4 11	11 59.49	+ 1 17.3	1.124	2.087	10.3	17.8
4 21	11 53.95	+ 2 21.2	1.167	2.081	15.4	18.1
5 1	11 51.29	+ 3 2.2	1.228	2.075	19.7	18.3

51047 2000 GX_{136} 3 24.2 30.°91 8.°4/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.91	+17 50.1	1.524	2.396	14.0	18.4
3 2	12 33.99	+18 57.8	1.476	2.400	11.0	18.2
3 12	12 25.71	+19 56.4	1.452	2.403	8.8	18.1
3 22	12 16.05	+20 36.2	1.452	2.407	8.7	18.1
4 1	12 6.30	+20 50.1	1.478	2.412	10.8	18.2
4 11	11 57.72	+20 35.2	1.527	2.416	13.8	18.4
4 21	11 51.23	+19 53.2	1.596	2.421	16.8	18.6
5 1	11 47.40	+18 48.0	1.683	2.426	19.4	18.8

236150 2005 UN_{177} 3 24.2 155.°92 0.°5/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.82	− 2 39.8	1.642	2.490	14.4	21.9
3 2	12 34.56	− 2 5.0	1.574	2.497	10.5	21.6
3 12	12 26.04	− 1 17.7	1.530	2.503	5.9	21.4
3 22	12 16.13	− 0 23.1	1.513	2.509	1.0	21.1
4 1	12 5.99	+ 0 31.5	1.524	2.514	4.1	21.3
4 11	11 56.83	+ 1 18.8	1.563	2.518	8.8	21.6
4 21	11 49.56	+ 1 53.5	1.627	2.522	13.0	21.8
5 1	11 44.81	+ 2 12.3	1.711	2.525	16.4	22.1

379454 2010 CG_{118} 3 24.2 94.°82 0.°6/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.30	− 4 50.1	1.962	2.803	12.7	21.1
3 2	12 31.04	− 4 31.9	1.889	2.806	9.3	20.8
3 12	12 23.95	− 4 1.9	1.840	2.810	5.4	20.6
3 22	12 15.74	− 3 23.7	1.818	2.813	1.3	20.3
4 1	12 7.32	− 2 42.2	1.825	2.817	3.1	20.5
4 11	11 59.63	− 2 3.2	1.861	2.821	7.2	20.7
4 21	11 53.44	− 1 31.6	1.921	2.824	10.9	21.0
5 1	11 49.29	− 1 10.9	2.005	2.828	14.0	21.2

5265 Schadow 3 24.2 307.°67 0.°4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.99	− 3 7.8	2.165	3.014	11.4	18.0
3 2	12 27.88	− 2 22.5	2.080	3.004	8.2	17.8
3 12	12 22.16	− 1 25.9	2.020	2.994	4.6	17.5
3 22	12 15.41	− 0 22.4	1.988	2.984	0.8	17.2
4 1	12 8.41	+ 0 42.0	1.985	2.974	3.3	17.4
4 11	12 1.96	+ 1 41.2	2.010	2.965	7.1	17.6
4 21	11 56.75	+ 2 30.1	2.061	2.956	10.6	17.8
5 1	11 53.31	+ 3 5.2	2.134	2.946	13.6	18.0

141106 2001 XP_{57} 3 24.2 102.°16 7.°7/14.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.39	+24 11.3	2.446	3.296	10.2	19.4
3 2	12 30.74	+25 26.2	2.412	3.310	8.5	19.3
3 12	12 23.61	+26 29.8	2.405	3.323	7.7	19.3
3 22	12 15.65	+27 16.0	2.423	3.336	8.1	19.3
4 1	12 7.69	+27 40.5	2.468	3.349	9.4	19.4
4 11	12 0.50	+27 41.8	2.538	3.362	11.2	19.5
4 21	11 54.69	+27 20.9	2.628	3.374	13.0	19.7
5 1	11 50.67	+26 40.5	2.737	3.387	14.5	19.9

453394 2009 DT_{23} 3 24.2 48.°40 2.°5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.56	+ 1 46.4	1.237	2.113	16.3	20.7
3 2	12 33.25	+ 2 28.9	1.190	2.127	11.6	20.4
3 12	12 25.37	+ 3 20.6	1.165	2.143	6.5	20.2
3 22	12 16.00	+ 4 13.4	1.164	2.158	2.5	20.0
4 1	12 6.56	+ 4 58.3	1.189	2.175	5.9	20.2
4 11	11 58.46	+ 5 27.7	1.239	2.191	10.8	20.5
4 21	11 52.66	+ 5 38.1	1.310	2.208	15.2	20.8
5 1	11 49.71	+ 5 28.5	1.400	2.225	18.8	21.1

345598 2006 SN_{102} 3 24.2 84.°07 0.°3/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.92	− 1 24.8	2.249	3.092	11.2	20.9
3 2	12 31.27	− 1 16.0	2.175	3.096	8.1	20.7
3 12	12 24.00	− 1 0.0	2.128	3.100	4.6	20.5
3 22	12 15.76	− 0 39.8	2.108	3.104	0.8	20.2
4 1	12 7.33	− 0 19.3	2.118	3.108	3.1	20.4
4 11	11 59.57	− 0 2.7	2.157	3.112	6.7	20.6
4 21	11 53.14	+ 0 6.8	2.222	3.116	10.0	20.9
5 1	11 48.53	+ 0 7.1	2.310	3.119	12.8	21.0

14500 Kibo 3 24.2 117.°56 2.°6/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.11	−10 33.5	1.491	2.322	16.5	19.2
3 2	12 33.52	−10 13.7	1.424	2.332	12.5	19.0
3 12	12 25.53	− 9 32.2	1.380	2.342	8.0	18.7
3 22	12 16.05	− 8 32.8	1.361	2.351	3.5	18.5
4 1	12 6.34	− 7 22.5	1.369	2.360	3.9	18.5
4 11	11 57.67	− 6 10.4	1.403	2.369	8.4	18.8
4 21	11 51.05	− 5 5.3	1.462	2.378	12.8	19.1
5 1	11 47.08	− 4 13.7	1.542	2.386	16.5	19.3

126701 2002 CL_{233} 3 24.2 306.°17 4.°0/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.92	−12 22.0	1.678	2.501	15.4	19.6
3 2	12 31.46	−12 34.8	1.572	2.472	12.1	19.3
3 12	12 24.58	−12 28.2	1.488	2.442	8.4	19.0
3 22	12 15.93	−12 2.2	1.429	2.413	4.8	18.7
4 1	12 6.53	−11 19.7	1.396	2.384	4.6	18.6
4 11	11 57.64	−10 27.2	1.389	2.356	8.4	18.8
4 21	11 50.38	− 9 32.6	1.407	2.327	12.8	18.9
5 1	11 45.64	− 8 43.7	1.445	2.299	16.9	19.1

364180 2006 OA_8 3 24.2 270.°08 0.°4/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.20	− 5 0.0	1.647	2.495	14.4	21.8
3 2	12 32.22	− 4 28.8	1.556	2.477	10.7	21.5
3 12	12 24.91	− 3 41.4	1.487	2.459	6.2	21.2
3 22	12 15.98	− 2 42.2	1.445	2.441	1.4	20.8
4 1	12 6.50	− 1 37.8	1.431	2.422	3.8	21.0
4 11	11 57.70	− 0 36.6	1.443	2.403	8.8	21.2
4 21	11 50.63	+ 0 14.2	1.480	2.384	13.4	21.4
5 1	11 46.05	+ 0 49.3	1.537	2.365	17.3	21.6

110760 2001 UH_{19} 3 24.2 125.°99 2.°8/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.15	+ 4 50.5	2.430	3.290	9.9	20.1
3 2	12 28.44	+ 5 59.8	2.369	3.299	7.0	19.9
3 12	12 22.34	+ 7 13.0	2.335	3.308	4.1	19.7
3 22	12 15.45	+ 8 24.4	2.330	3.317	2.8	19.6
4 1	12 8.45	+ 9 28.1	2.354	3.325	4.8	19.8
4 11	12 2.05	+10 19.4	2.407	3.333	7.8	20.0
4 21	11 56.82	+10 55.4	2.486	3.341	10.5	20.2
5 1	11 53.19	+11 14.9	2.586	3.349	12.8	20.3

277725 2006 DR_{57} 3 24.2 92.°26 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.79	− 4 36.7	1.933	2.778	12.7	21.0
3 2	12 29.96	− 3 58.6	1.862	2.783	9.3	20.8
3 12	12 23.35	− 3 7.8	1.816	2.787	5.3	20.6
3 22	12 15.65	− 2 8.9	1.797	2.792	1.0	20.3
4 1	12 7.75	− 1 8.0	1.806	2.797	3.3	20.4
4 11	12 0.60	− 0 11.7	1.843	2.802	7.4	20.7
4 21	11 54.93	+ 0 34.5	1.906	2.806	11.1	20.9
5 1	11 51.25	+ 1 7.0	1.991	2.811	14.2	21.1

96857 1999 RQ_{242} 3 24.2 147.°95 2.°7/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.96	+ 4 30.6	2.189	3.047	10.9	19.6
3 2	12 30.59	+ 5 25.5	2.124	3.054	7.7	19.4
3 12	12 23.61	+ 6 24.7	2.086	3.060	4.5	19.2
3 22	12 15.69	+ 7 22.5	2.077	3.066	2.7	19.1
4 1	12 7.63	+ 8 12.9	2.096	3.071	4.9	19.3
4 11	12 0.27	+ 8 51.1	2.144	3.076	8.2	19.5
4 21	11 54.27	+ 9 14.3	2.217	3.081	11.3	19.7
5 1	11 50.10	+ 9 21.3	2.312	3.086	13.9	19.9

175999 2000 QW_{173} 3 24.2 154.°84 2.°4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.89	−13 7.1	3.060	3.851	9.9	21.0
3 2	12 28.78	−12 53.1	2.977	3.858	7.7	20.8
3 12	12 22.49	−12 26.7	2.920	3.866	5.2	20.7
3 22	12 15.48	−11 49.6	2.891	3.873	2.9	20.5
4 1	12 8.34	−11 4.7	2.893	3.880	2.7	20.5
4 11	12 1.66	−10 16.0	2.925	3.886	4.8	20.7
4 21	11 55.95	− 9 27.4	2.985	3.891	7.3	20.9
5 1	11 51.60	− 8 43.0	3.071	3.896	9.6	21.0

436987 2012 TH_{208} 3 24.2 49.°84 0.°9/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.04	+ 0 40.7	2.073	2.923	11.8	20.8
3 2	12 32.16	+ 0 47.1	2.004	2.929	8.5	20.6
3 12	12 24.53	+ 0 59.5	1.961	2.935	4.7	20.4
3 22	12 15.87	+ 1 14.4	1.946	2.942	1.1	20.1
4 1	12 7.04	+ 1 27.5	1.961	2.948	3.6	20.4
4 11	11 58.97	+ 1 35.0	2.003	2.955	7.4	20.6
4 21	11 52.37	+ 1 34.1	2.072	2.962	10.8	20.8
5 1	11 47.76	+ 1 23.0	2.162	2.969	13.7	21.0

231772 1999 VY_{185} 3 24.2 150.°66 1.°0/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.08	− 7 41.2	2.467	3.289	11.1	21.4
3 2	12 29.83	− 7 5.3	2.391	3.298	8.2	21.3
3 12	12 23.15	− 6 17.2	2.341	3.306	4.9	21.1
3 22	12 15.61	− 5 20.2	2.320	3.314	1.6	20.8
4 1	12 7.92	− 4 18.9	2.329	3.321	2.6	20.9
4 11	12 0.84	− 3 18.9	2.368	3.327	5.9	21.1
4 21	11 54.95	− 2 24.9	2.434	3.334	9.0	21.4
5 1	11 50.70	− 1 40.8	2.525	3.339	11.7	21.5

437198 2012 WB_3 3 24.2 106.°04 3.°7/20.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.69	+ 9 21.6	2.372	3.234	10.1	21.6
3 2	12 30.27	+10 5.5	2.313	3.242	7.3	21.4
3 12	12 23.38	+10 49.1	2.281	3.249	4.7	21.3
3 22	12 15.65	+11 27.3	2.277	3.257	3.7	21.2
4 1	12 7.83	+11 55.4	2.302	3.265	5.6	21.3
4 11	12 0.68	+12 10.1	2.355	3.272	8.3	21.5
4 21	11 54.81	+12 9.8	2.433	3.280	11.0	21.7
5 1	11 50.65	+11 54.6	2.532	3.287	13.3	21.9

339664 2005 QG_{87} 3 24.2 230.°31 3.°9/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.15	−17 41.9	2.811	3.580	11.2	21.2
3 2	12 29.20	−17 42.9	2.710	3.570	9.1	21.0
3 12	12 22.84	−17 28.2	2.633	3.560	6.7	20.9
3 22	12 15.57	−16 58.4	2.583	3.550	4.6	20.7
4 1	12 8.02	−16 15.7	2.562	3.539	4.0	20.7
4 11	12 0.90	−15 24.2	2.571	3.528	5.7	20.7
4 21	11 54.81	−14 28.7	2.607	3.516	8.1	20.9
5 1	11 50.23	−13 34.3	2.668	3.504	10.5	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
401023	2011 SC_{51}		3 24.2	196.°32	2.°7/26.8	16
	h m	° ′			°	m
2 21	12 40.61	−11 18.9	2.029	2.837	13.7	22.6
3 2	12 34.25	−11 8.8	1.940	2.834	10.5	22.4
3 12	12 25.86	−10 41.7	1.875	2.830	6.9	22.1
3 22	12 16.14	− 9 59.3	1.838	2.825	3.4	21.9
4 1	12 6.06	− 9 6.1	1.830	2.819	3.5	21.9
4 11	11 56.67	− 8 8.2	1.851	2.812	7.1	22.1
4 21	11 48.83	− 7 12.3	1.899	2.805	10.8	22.3
5 1	11 43.18	− 6 24.3	1.970	2.796	14.1	22.5
238796	2005 LF_{10}		3 24.2	256.°63	4.°0/19.4	17
2 21	12 34.76	+ 9 29.7	2.385	3.248	10.0	21.0
3 2	12 29.76	+10 28.1	2.305	3.233	7.3	20.8
3 12	12 23.20	+11 27.7	2.251	3.219	4.8	20.6
3 22	12 15.64	+12 22.7	2.226	3.204	4.1	20.5
4 1	12 7.82	+13 7.5	2.230	3.189	6.0	20.6
4 11	12 0.54	+13 37.5	2.262	3.174	8.9	20.8
4 21	11 54.47	+13 50.7	2.318	3.158	11.7	20.9
5 1	11 50.11	+13 46.3	2.395	3.143	14.1	21.1
67078	2000 AW_{26}		3 24.2	195.°29	2.°3/27.1	18
2 21	12 35.99	−11 40.7	2.669	3.468	11.0	20.1
3 2	12 30.50	−11 29.3	2.577	3.466	8.4	19.9
3 12	12 23.56	−11 4.5	2.511	3.462	5.6	19.7
3 22	12 15.70	−10 28.1	2.473	3.458	2.9	19.6
4 1	12 7.61	− 9 43.3	2.465	3.454	2.9	19.5
4 11	12 0.01	− 8 54.6	2.487	3.448	5.6	19.7
4 21	11 53.52	− 8 6.7	2.538	3.443	8.5	19.9
5 1	11 48.62	− 7 23.9	2.613	3.436	11.1	20.1
95916	2003 HU_{47}		3 24.2	335.°84	1.°5/25.2	18
2 21	12 40.78	− 5 3.4	1.320	2.173	16.9	19.1
3 2	12 35.14	− 5 16.0	1.247	2.170	12.6	18.8
3 12	12 26.67	− 5 13.5	1.196	2.167	7.6	18.5
3 22	12 16.32	− 4 58.7	1.170	2.164	2.3	18.2
4 1	12 5.48	− 4 36.8	1.169	2.161	4.2	18.3
4 11	11 55.70	− 4 14.9	1.194	2.159	9.6	18.6
4 21	11 48.20	− 3 59.3	1.241	2.157	14.5	18.9
5 1	11 43.74	− 3 55.1	1.308	2.156	18.7	19.1
163291	2002 GT_{143}		3 24.2	182.°25	2.°4/26.6	18
2 21	12 37.17	−11 17.7	1.878	2.696	14.2	20.2
3 2	12 31.82	−10 47.6	1.796	2.697	10.8	20.0
3 12	12 24.48	− 9 58.1	1.739	2.697	6.9	19.8
3 22	12 15.88	− 8 52.6	1.708	2.697	3.2	19.5
4 1	12 6.99	− 7 36.7	1.705	2.696	3.4	19.5
4 11	11 58.85	− 6 18.4	1.731	2.695	7.3	19.8
4 21	11 52.31	− 5 5.3	1.783	2.693	11.2	20.0
5 1	11 47.96	− 4 3.6	1.858	2.691	14.6	20.2
104707	2000 GA_{168}		3 24.2	60.°27	1.°2/23.2	18
2 21	12 35.92	− 1 26.7	1.616	2.475	14.0	19.9
3 2	12 31.06	− 0 38.7	1.549	2.479	10.1	19.7
3 12	12 24.08	+ 0 21.4	1.507	2.483	5.6	19.4
3 22	12 15.81	+ 1 27.2	1.491	2.486	1.3	19.1
4 1	12 7.30	+ 2 30.9	1.502	2.490	4.5	19.4
4 11	11 59.69	+ 3 24.7	1.540	2.494	9.0	19.6
4 21	11 53.85	+ 4 3.3	1.602	2.498	13.1	19.9
5 1	11 50.35	+ 4 23.8	1.685	2.502	16.5	20.1
154804	2004 PY_{89}		3 24.2	243.°00	0.°1/24.3	18
2 21	12 40.46	− 2 5.7	2.081	2.919	12.2	20.0
3 2	12 34.10	− 2 4.9	1.991	2.908	8.9	19.7
3 12	12 25.78	− 1 55.8	1.926	2.897	5.1	19.5
3 22	12 16.15	− 1 41.2	1.890	2.885	1.0	19.1
4 1	12 6.14	− 1 25.1	1.883	2.873	3.3	19.3
4 11	11 56.76	− 1 11.9	1.905	2.861	7.4	19.5
4 21	11 48.85	− 1 5.1	1.954	2.848	11.2	19.7
5 1	11 43.04	− 1 7.7	2.025	2.835	14.4	19.9
47107	1999 CB_{22}		3 24.2	54.°52	6.°5/17.9	18
2 21	12 37.67	+15 38.2	1.840	2.709	12.1	17.8
3 2	12 31.96	+16 38.3	1.799	2.724	9.2	17.7
3 12	12 24.41	+17 31.8	1.783	2.740	7.0	17.6
3 22	12 15.85	+18 11.5	1.794	2.756	6.8	17.6
4 1	12 7.31	+18 31.5	1.832	2.772	8.6	17.7
4 11	11 59.75	+18 29.4	1.894	2.788	11.3	17.9
4 21	11 53.90	+18 5.6	1.980	2.804	14.0	18.1
5 1	11 50.22	+17 22.4	2.084	2.821	16.3	18.3
102317	1999 TP_{101}		3 24.2	164.°10	6.°2/17.8	18
2 21	12 39.57	+14 16.4	1.985	2.848	11.7	20.2
3 2	12 33.35	+15 34.6	1.931	2.854	8.8	20.0
3 12	12 25.24	+16 49.0	1.902	2.859	6.6	19.9
3 22	12 16.03	+17 51.6	1.902	2.864	6.4	19.9
4 1	12 6.68	+18 35.7	1.929	2.867	8.4	20.0
4 11	11 58.21	+18 57.2	1.982	2.870	11.2	20.2
4 21	11 51.36	+18 55.8	2.059	2.873	13.9	20.4
5 1	11 46.67	+18 32.9	2.154	2.874	16.3	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
287313	2002 TB_{252}		3 24.2	191.°54	2.°2/22.2	16
	h m	° ′			°	m
2 21	12 39.28	+ 2 51.2	1.984	2.838	12.1	21.6
3 2	12 33.20	+ 3 29.6	1.910	2.837	8.6	21.4
3 12	12 25.21	+ 4 14.0	1.861	2.835	4.9	21.1
3 22	12 16.04	+ 4 58.9	1.840	2.833	2.2	20.9
4 1	12 6.61	+ 5 38.6	1.849	2.830	4.7	21.1
4 11	11 57.94	+ 6 7.7	1.886	2.827	8.5	21.3
4 21	11 50.83	+ 6 23.0	1.948	2.823	12.1	21.5
5 1	11 45.83	+ 6 22.8	2.031	2.819	15.1	21.7
54759	2001 KA_{60}		3 24.3	158.°33	5.°2/30.3	18
2 21	12 36.79	−20 39.6	2.192	2.954	14.2	19.3
3 2	12 31.37	−20 31.6	2.108	2.961	11.6	19.1
3 12	12 24.16	−20 1.1	2.047	2.967	8.7	18.9
3 22	12 15.84	−19 8.9	2.011	2.972	6.2	18.8
4 1	12 7.29	−17 58.4	2.003	2.977	5.3	18.7
4 11	11 59.43	−16 36.1	2.024	2.981	6.9	18.8
4 21	11 53.02	−15 9.5	2.072	2.985	9.7	19.0
5 1	11 48.60	−13 46.4	2.145	2.988	12.5	19.2
239345	2007 RX_{125}		3 24.3	155.°82	0.°3/24.6	17
2 21	12 34.72	− 4 52.0	2.313	3.149	11.2	21.4
3 2	12 29.69	− 4 20.0	2.237	3.153	8.2	21.2
3 12	12 23.13	− 3 37.1	2.186	3.156	4.7	21.0
3 22	12 15.65	− 2 47.1	2.164	3.159	1.0	20.7
4 1	12 7.98	− 1 54.8	2.172	3.163	2.8	20.9
4 11	12 0.93	− 1 5.6	2.208	3.165	6.4	21.1
4 21	11 55.12	− 0 23.8	2.271	3.168	9.7	21.3
5 1	11 51.03	+ 0 7.0	2.357	3.170	12.5	21.5
353595	Grancanaria		3 24.3	177.°79	1.°9/26.9	18
2 21	12 33.36	−11 7.2	2.982	3.785	9.9	21.9
3 2	12 28.47	−10 49.5	2.895	3.786	7.5	21.7
3 12	12 22.36	−10 20.1	2.834	3.787	4.9	21.6
3 22	12 15.50	− 9 40.8	2.801	3.788	2.5	21.4
4 1	12 8.48	− 8 54.8	2.799	3.788	2.5	21.4
4 11	12 1.90	− 8 6.2	2.826	3.788	4.9	21.6
4 21	11 56.29	− 7 19.0	2.882	3.787	7.6	21.7
5 1	11 52.05	− 6 37.0	2.963	3.787	9.9	21.9
303215	2004 JJ_{29}		3 24.3	261.°37	3.°6/29.1	16
2 21	12 32.70	−17 24.2	2.659	3.436	11.6	21.2
3 2	12 28.27	−17 1.8	2.550	3.417	9.3	21.0
3 12	12 22.38	−16 21.4	2.465	3.398	6.7	20.8
3 22	12 15.52	−15 24.2	2.407	3.379	4.4	20.6
4 1	12 8.36	−14 13.3	2.378	3.359	3.8	20.6
4 11	12 1.62	−12 53.9	2.378	3.340	5.7	20.7
4 21	11 55.92	−11 32.1	2.406	3.319	8.5	20.8
5 1	11 51.79	−10 14.0	2.460	3.299	11.3	20.9
175670	1994 PN_{32}		3 24.3	187.°01	4.°0/29.4	18
2 21	12 35.97	−17 51.4	2.993	3.754	10.8	20.9
3 2	12 30.41	−18 5.2	2.899	3.754	8.7	20.8
3 12	12 23.50	−18 4.7	2.830	3.753	6.5	20.6
3 22	12 15.72	−17 50.3	2.789	3.751	4.6	20.5
4 1	12 7.72	−17 23.7	2.777	3.750	4.1	20.5
4 11	12 0.15	−16 48.2	2.794	3.747	5.5	20.5
4 21	11 53.59	−16 8.1	2.840	3.745	7.7	20.7
5 1	11 48.51	−15 27.6	2.911	3.742	9.9	20.8
105922	2000 SB_{210}		3 24.3	229.°21	2.°8/20.4	18
2 21	12 32.76	+ 5 41.3	2.673	3.532	9.2	19.9
3 2	12 28.17	+ 6 46.2	2.593	3.523	6.5	19.7
3 12	12 22.25	+ 7 55.0	2.541	3.513	3.9	19.5
3 22	12 15.49	+ 9 2.4	2.518	3.503	2.8	19.4
4 1	12 8.53	+10 3.1	2.525	3.493	4.7	19.5
4 11	12 2.04	+10 52.7	2.560	3.483	7.5	19.7
4 21	11 56.58	+11 28.0	2.622	3.472	10.2	19.9
5 1	11 52.60	+11 47.7	2.705	3.461	12.5	20.0
212430	2006 OV_{7}		3 24.3	232.°56	1.°4/22.9	16
2 21	12 37.90	− 0 19.8	1.926	2.777	12.5	21.3
3 2	12 32.38	+ 0 28.6	1.839	2.764	9.0	21.0
3 12	12 24.85	+ 1 27.6	1.777	2.752	5.0	20.8
3 22	12 16.00	+ 2 31.5	1.744	2.738	1.5	20.5
4 1	12 6.76	+ 3 33.7	1.739	2.724	4.4	20.7
4 11	11 58.18	+ 4 27.0	1.763	2.710	8.6	20.9
4 21	11 51.12	+ 5 6.6	1.811	2.695	12.5	21.1
5 1	11 46.22	+ 5 29.3	1.881	2.679	15.8	21.3
473037	2015 HD_{75}		3 24.3	256.°91	2.°4/21.6	17
2 21	12 35.74	+ 5 1.9	2.335	3.192	10.4	21.3
3 2	12 30.45	+ 5 34.9	2.256	3.185	7.4	21.1
3 12	12 23.59	+ 6 11.2	2.204	3.177	4.3	20.9
3 22	12 15.75	+ 6 46.3	2.180	3.170	2.4	20.8
4 1	12 7.68	+ 7 15.4	2.185	3.162	4.6	20.9
4 11	12 0.19	+ 7 34.5	2.219	3.154	7.8	21.1
4 21	11 53.95	+ 7 41.0	2.278	3.147	10.8	21.3
5 1	11 49.46	+ 7 33.9	2.359	3.139	13.5	21.4

422763 2001 TX_{255} 3 24.3 182.°75 4.°2/19.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.47	+ 9 38.3	2.190	3.050	10.8	21.8
3 2	12 32.45	+10 34.9	2.123	3.051	7.9	21.6
3 12	12 24.72	+11 31.8	2.083	3.051	5.2	21.4
3 22	12 15.95	+12 22.7	2.072	3.050	4.3	21.4
4 1	12 7.02	+13 1.9	2.090	3.049	6.3	21.5
4 11	11 58.80	+13 25.0	2.135	3.048	9.3	21.7
4 21	11 52.01	+13 30.4	2.205	3.046	12.2	21.9
5 1	11 47.16	+13 18.3	2.296	3.043	14.7	22.0

366405 2001 SX_{146} 3 24.3 152.°30 0.°5/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.58	− 5 48.1	2.177	3.009	12.0	21.9
3 2	12 31.08	− 5 8.1	2.103	3.017	8.8	21.7
3 12	12 23.94	− 4 15.6	2.056	3.025	5.1	21.5
3 22	12 15.81	− 3 14.8	2.037	3.032	1.2	21.2
4 1	12 7.52	− 2 11.1	2.047	3.038	2.9	21.4
4 11	11 59.91	− 1 10.9	2.087	3.044	6.7	21.6
4 21	11 53.68	− 0 19.2	2.153	3.050	10.2	21.8
5 1	11 49.32	+ 0 20.3	2.243	3.055	13.1	22.0

466554 2014 SP_{319} 3 24.3 170.°92 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.64	− 6 48.7	1.882	2.717	13.4	21.8
3 2	12 31.40	− 6 0.4	1.806	2.720	9.9	21.6
3 12	12 24.23	− 4 56.1	1.754	2.723	5.8	21.4
3 22	12 15.88	− 3 40.6	1.730	2.725	1.5	21.1
4 1	12 7.28	− 2 20.9	1.735	2.726	3.3	21.2
4 11	11 59.45	− 1 5.0	1.768	2.727	7.6	21.5
4 21	11 53.19	+ 0 0.6	1.827	2.728	11.5	21.7
5 1	11 49.05	+ 0 51.0	1.909	2.728	14.8	21.9

262031 2006 QD_{131} 3 24.3 244.°34 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.40	− 7 15.9	2.054	2.884	12.7	21.8
3 2	12 31.28	− 6 21.6	1.954	2.866	9.4	21.6
3 12	12 24.24	− 5 10.0	1.878	2.846	5.6	21.3
3 22	12 15.90	− 3 45.5	1.831	2.826	1.4	21.0
4 1	12 7.13	− 2 14.6	1.813	2.804	3.2	21.1
4 11	11 58.89	− 0 45.4	1.825	2.782	7.5	21.3
4 21	11 52.03	+ 0 34.7	1.863	2.760	11.5	21.5
5 1	11 47.20	+ 1 40.0	1.924	2.736	14.9	21.6

502410 2015 BC_{254} 3 24.3 230.°76 2.°8/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.92	−11 43.7	2.036	2.850	13.4	21.6
3 2	12 30.87	−11 34.5	1.949	2.845	10.3	21.4
3 12	12 23.96	−11 8.2	1.886	2.840	6.8	21.2
3 22	12 15.84	−10 26.7	1.849	2.835	3.5	20.9
4 1	12 7.41	− 9 34.3	1.841	2.830	3.5	20.9
4 11	11 59.60	− 8 37.1	1.860	2.824	6.8	21.1
4 21	11 53.24	− 7 41.5	1.906	2.819	10.4	21.3
5 1	11 48.89	− 6 53.2	1.975	2.813	13.6	21.5

346132 2007 VN_{194} 3 24.3 142.°00 5.°1/17.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.88	+14 30.6	2.509	3.371	9.6	20.8
3 2	12 29.68	+15 34.7	2.454	3.377	7.2	20.6
3 12	12 23.08	+16 35.3	2.426	3.382	5.4	20.5
3 22	12 15.66	+17 26.6	2.427	3.388	5.3	20.5
4 1	12 8.14	+18 3.7	2.456	3.393	6.9	20.6
4 11	12 1.26	+18 23.5	2.512	3.398	9.2	20.8
4 21	11 55.59	+18 25.2	2.592	3.403	11.5	20.9
5 1	11 51.56	+18 9.5	2.692	3.407	13.5	21.1

27205 1999 CY_{75} 3 24.3 161.°07 2.°6/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.52	−12 18.3	2.635	3.433	11.1	18.7
3 2	12 30.16	−12 10.6	2.552	3.438	8.6	18.5
3 12	12 23.38	−11 49.4	2.494	3.443	5.7	18.3
3 22	12 15.73	−11 16.4	2.464	3.447	3.1	18.2
4 1	12 7.89	−10 34.6	2.464	3.451	3.0	18.2
4 11	12 0.59	− 9 48.6	2.493	3.455	5.5	18.3
4 21	11 54.42	− 9 3.0	2.550	3.458	8.3	18.5
5 1	11 49.85	− 8 22.1	2.632	3.460	10.9	18.7

168410 1998 HG_{99} 3 24.3 331.°60 1.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.97	− 0 0.1	1.273	2.149	15.9	19.3
3 2	12 30.99	+ 0 42.9	1.201	2.139	11.5	19.0
3 12	12 24.36	+ 1 39.6	1.151	2.129	6.4	18.6
3 22	12 15.96	+ 2 42.5	1.124	2.119	2.0	18.3
4 1	12 7.07	+ 3 42.2	1.123	2.110	5.7	18.5
4 11	11 59.16	+ 4 29.0	1.145	2.102	11.0	18.8
4 21	11 53.37	+ 4 56.7	1.190	2.095	15.9	19.0
5 1	11 50.45	+ 5 2.1	1.252	2.089	20.0	19.3

257829 2000 GK_{183} 3 24.3 238.°05 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.78	− 6 8.8	1.730	2.574	14.0	20.6
3 2	12 30.96	− 5 31.8	1.652	2.571	10.3	20.4
3 12	12 24.09	− 4 38.7	1.598	2.568	6.1	20.1
3 22	12 15.88	− 3 34.1	1.570	2.565	1.5	19.8
4 1	12 7.36	− 2 24.8	1.570	2.562	3.5	20.0
4 11	11 59.62	− 1 18.8	1.597	2.558	8.0	20.2
4 21	11 53.52	− 0 22.9	1.649	2.555	12.2	20.5
5 1	11 49.70	+ 0 18.0	1.723	2.551	15.7	20.7

391028 2005 SK_{274} 3 24.3 199.°98 1.°3/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.96	− 9 53.4	2.964	3.775	9.7	22.0
3 2	12 27.49	− 9 13.0	2.873	3.771	7.3	21.8
3 12	12 21.84	− 8 20.3	2.808	3.767	4.6	21.6
3 22	12 15.44	− 7 18.2	2.772	3.763	1.9	21.4
4 1	12 8.87	− 6 10.5	2.767	3.759	2.2	21.4
4 11	12 2.73	− 5 2.1	2.793	3.754	5.0	21.6
4 21	11 57.53	− 3 57.6	2.846	3.748	7.8	21.8
5 1	11 53.66	− 3 0.8	2.925	3.743	10.2	22.0

78810 2003 ON_{31} 3 24.3 178.°30 1.°5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.11	− 8 1.2	1.947	2.773	13.5	20.3
3 2	12 33.17	− 7 41.6	1.868	2.775	10.1	20.1
3 12	12 25.25	− 7 6.8	1.812	2.776	6.2	19.9
3 22	12 16.10	− 6 20.1	1.784	2.777	2.2	19.6
4 1	12 6.66	− 5 26.5	1.785	2.777	3.2	19.7
4 11	11 57.97	− 4 32.6	1.815	2.776	7.2	19.9
4 21	11 50.86	− 3 44.4	1.871	2.775	11.0	20.2
5 1	11 45.92	− 3 6.7	1.950	2.773	14.3	20.4

56994 2000 SR_{292} 3 24.3 268.°83 1.°5/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.46	− 6 39.4	2.373	3.197	11.4	18.9
3 2	12 31.74	− 6 49.3	2.285	3.191	8.5	18.7
3 12	12 24.36	− 6 49.0	2.221	3.185	5.3	18.5
3 22	12 15.93	− 6 40.4	2.187	3.178	2.1	18.3
4 1	12 7.20	− 6 26.3	2.181	3.172	2.8	18.3
4 11	11 59.02	− 6 10.3	2.205	3.166	6.2	18.5
4 21	11 52.10	− 5 56.4	2.257	3.160	9.5	18.7
5 1	11 46.95	− 5 47.8	2.332	3.154	12.3	18.9

138592 2000 QD_{160} 3 24.3 150.°16 2.°8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.34	−13 55.5	2.591	3.387	11.4	19.8
3 2	12 28.63	−13 36.5	2.508	3.391	8.8	19.6
3 12	12 22.52	−13 2.2	2.449	3.396	6.0	19.5
3 22	12 15.57	−12 14.6	2.418	3.400	3.5	19.3
4 1	12 8.45	−11 17.4	2.417	3.404	3.1	19.3
4 11	12 1.86	−10 15.5	2.444	3.407	5.5	19.4
4 21	11 56.39	− 9 14.3	2.500	3.411	8.3	19.6
5 1	11 52.48	− 8 18.5	2.580	3.414	10.9	19.8

82266 2001 KB_{15} 3 24.3 193.°60 3.°3/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.32	+ 3 30.9	1.620	2.484	13.8	19.9
3 2	12 33.60	+ 4 42.3	1.551	2.483	9.8	19.7
3 12	12 25.61	+ 6 2.1	1.506	2.481	5.7	19.4
3 22	12 16.18	+ 7 21.9	1.489	2.479	3.4	19.3
4 1	12 6.44	+ 8 32.5	1.499	2.475	6.3	19.4
4 11	11 57.61	+ 9 26.2	1.536	2.472	10.6	19.7
4 21	11 50.64	+ 9 58.6	1.596	2.467	14.5	19.9
5 1	11 46.17	+10 8.5	1.676	2.462	17.9	20.1

371985 2008 GL_{100} 3 24.3 233.°54 2.°0/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.08	−11 39.6	2.209	3.020	12.6	21.5
3 2	12 30.19	−10 55.0	2.110	3.007	9.6	21.2
3 12	12 23.57	− 9 51.9	2.036	2.993	6.2	21.0
3 22	12 15.80	− 8 33.3	1.989	2.979	2.8	20.8
4 1	12 7.68	− 7 4.6	1.973	2.964	3.0	20.7
4 11	12 0.10	− 5 33.2	1.986	2.948	6.6	20.9
4 21	11 53.82	− 4 6.4	2.026	2.932	10.2	21.1
5 1	11 49.40	− 2 50.4	2.090	2.916	13.4	21.3

286209 2001 UX_{91} 3 24.3 172.°79 6.°0/16.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.84	+19 34.0	2.696	3.548	9.3	21.0
3 2	12 31.03	+20 31.8	2.641	3.551	7.4	20.9
3 12	12 23.83	+21 22.7	2.614	3.553	6.1	20.8
3 22	12 15.82	+22 1.4	2.615	3.554	6.2	20.8
4 1	12 7.72	+22 23.6	2.643	3.556	7.6	20.9
4 11	12 0.26	+22 27.2	2.699	3.556	9.6	21.0
4 21	11 54.00	+22 12.2	2.777	3.557	11.6	21.2
5 1	11 49.38	+21 40.1	2.876	3.557	13.3	21.3

208438 2001 TT_{109} 3 24.3 213.°97 0.°6/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.48	− 0 33.5	2.372	3.216	10.7	20.2
3 2	12 30.97	− 0 17.3	2.292	3.214	7.7	20.0
3 12	12 23.90	+ 0 5.7	2.238	3.211	4.3	19.8
3 22	12 15.85	+ 0 32.0	2.213	3.208	0.9	19.5
4 1	12 7.59	+ 0 57.7	2.217	3.205	3.2	19.7
4 11	11 59.92	+ 1 18.7	2.250	3.202	6.7	19.9
4 21	11 53.48	+ 1 31.8	2.310	3.199	9.9	20.1
5 1	11 48.79	+ 1 34.8	2.393	3.196	12.7	20.3

333122 2011 WP_{12} 3 24.3 52.°93 1.°4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.40	− 0 44.0	1.312	2.180	16.1	21.5
3 2	12 33.13	− 0 7.8	1.259	2.193	11.5	21.2
3 12	12 25.36	+ 0 40.6	1.229	2.206	6.4	21.0
3 22	12 16.13	+ 1 33.9	1.224	2.219	1.5	20.7
4 1	12 6.76	+ 2 23.6	1.244	2.233	5.0	20.9
4 11	11 58.62	+ 3 1.8	1.290	2.247	10.0	21.3
4 21	11 52.67	+ 3 23.7	1.358	2.261	14.5	21.6
5 1	11 49.48	+ 3 27.0	1.446	2.276	18.1	21.8

303317 2004 TT_{73} 3 24.3 134.°63 2.°0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.15	− 9 21.5	1.694	2.522	15.0	21.3
3 2	12 33.35	− 8 57.4	1.625	2.532	11.3	21.1
3 12	12 25.41	− 8 14.9	1.579	2.542	7.0	20.8
3 22	12 16.15	− 7 17.7	1.560	2.551	2.8	20.6
4 1	12 6.67	− 6 12.3	1.568	2.560	3.5	20.7
4 11	11 58.12	− 5 6.5	1.605	2.568	7.8	20.9
4 21	11 51.39	− 4 7.7	1.666	2.576	11.8	21.2
5 1	11 47.05	− 3 21.4	1.750	2.583	15.3	21.4

425405 2010 CR_{115} 3 24.3 90.°86 1.°7/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.11	+ 1 7.6	1.996	2.853	11.8	21.2
3 2	12 30.18	+ 1 52.5	1.927	2.856	8.4	21.0
3 12	12 23.51	+ 2 45.0	1.884	2.859	4.7	20.8
3 22	12 15.79	+ 3 39.5	1.868	2.862	1.7	20.6
4 1	12 7.88	+ 4 30.1	1.881	2.865	4.3	20.7
4 11	12 0.69	+ 5 11.0	1.922	2.868	8.1	21.0
4 21	11 54.94	+ 5 38.4	1.987	2.871	11.5	21.2
5 1	11 51.14	+ 5 50.3	2.074	2.873	14.4	21.4

495710 2016 CD_{77} 3 24.3 143.°33 4.°0/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.70	+ 5 36.2	1.705	2.572	13.0	21.6
3 2	12 32.25	+ 6 54.5	1.646	2.579	9.3	21.4
3 12	12 24.75	+ 8 17.9	1.612	2.586	5.6	21.2
3 22	12 16.03	+ 9 37.9	1.606	2.592	4.0	21.1
4 1	12 7.14	+10 45.7	1.628	2.598	6.7	21.2
4 11	11 59.16	+11 34.9	1.676	2.603	10.4	21.5
4 21	11 52.94	+12 2.3	1.747	2.608	13.9	21.7
5 1	11 49.01	+12 7.4	1.838	2.612	16.9	21.9

430574 2002 QC_{67} 3 24.3 196.°36 3.°9/18.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.78	+ 9 11.4	2.639	3.500	9.2	21.9
3 2	12 28.92	+10 34.6	2.569	3.497	6.7	21.8
3 12	12 22.70	+11 59.4	2.527	3.494	4.5	21.6
3 22	12 15.64	+13 19.6	2.515	3.490	4.0	21.6
4 1	12 8.40	+14 29.5	2.533	3.486	5.8	21.7
4 11	12 1.68	+15 24.4	2.579	3.481	8.4	21.8
4 21	11 56.04	+16 1.8	2.650	3.475	10.9	22.0
5 1	11 51.92	+16 21.2	2.743	3.469	13.0	22.2

96094 2089 T_{-2} 3 24.3 121.°83 0.°9/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.12	− 7 38.0	1.629	2.467	15.0	20.5
3 2	12 32.61	− 6 46.5	1.565	2.481	11.1	20.2
3 12	12 24.98	− 5 36.6	1.525	2.494	6.5	20.0
3 22	12 16.08	− 4 14.1	1.512	2.507	1.8	19.7
4 1	12 7.02	− 2 47.3	1.527	2.519	3.5	19.9
4 11	11 58.94	− 1 25.3	1.569	2.530	8.2	20.2
4 21	11 52.70	− 0 15.8	1.637	2.541	12.3	20.4
5 1	11 48.86	+ 0 36.5	1.726	2.552	15.8	20.7

17305 Caniff 3 24.3 61.°19 0.°6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.32	− 5 17.6	2.942	3.771	9.3	17.7
3 2	12 27.70	− 5 4.4	2.871	3.782	6.8	17.6
3 12	12 21.93	− 4 43.1	2.827	3.794	4.0	17.4
3 22	12 15.49	− 4 16.3	2.811	3.805	1.2	17.2
4 1	12 8.95	− 3 46.9	2.825	3.817	2.2	17.3
4 11	12 2.90	− 3 18.5	2.869	3.828	5.0	17.5
4 21	11 57.80	− 2 54.0	2.940	3.840	7.6	17.7
5 1	11 54.03	− 2 36.1	3.036	3.851	9.9	17.9

360369 2002 AT_{137} 3 24.3 76.°51 5.°6/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.49	+ 8 21.5	1.365	2.241	15.1	20.7
3 2	12 34.37	+ 9 46.6	1.331	2.267	10.8	20.5
3 12	12 25.92	+11 11.9	1.321	2.292	6.9	20.3
3 22	12 16.23	+12 26.6	1.336	2.317	5.7	20.3
4 1	12 6.64	+13 21.6	1.378	2.342	8.4	20.5
4 11	11 58.42	+13 51.5	1.444	2.367	12.1	20.8
4 21	11 52.42	+13 55.7	1.532	2.391	15.7	21.1
5 1	11 49.09	+13 36.2	1.638	2.415	18.6	21.3

406432 2007 TK_{240} 3 24.3 209.°09 0.°5/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.27	− 6 20.2	1.813	2.651	13.7	21.8
3 2	12 32.01	− 5 34.3	1.730	2.646	10.1	21.6
3 12	12 24.70	− 4 31.9	1.671	2.641	5.9	21.3
3 22	12 16.05	− 3 17.8	1.640	2.635	1.4	21.0
4 1	12 7.06	− 1 59.0	1.637	2.629	3.5	21.1
4 11	11 58.80	− 0 43.7	1.662	2.622	8.0	21.4
4 21	11 52.15	+ 0 20.9	1.713	2.614	12.1	21.6
5 1	11 47.75	+ 1 9.9	1.786	2.606	15.6	21.8

129963 Marvinwalthall 3 24.3 234.°87 1.°8/22.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.05	+ 0 31.0	1.781	2.637	13.1	20.5
3 2	12 32.62	+ 1 18.3	1.700	2.628	9.4	20.3
3 12	12 25.07	+ 2 15.6	1.643	2.618	5.3	20.0
3 22	12 16.12	+ 3 17.0	1.613	2.608	1.8	19.7
4 1	12 6.80	+ 4 15.3	1.612	2.597	4.8	19.9
4 11	11 58.21	+ 5 3.4	1.638	2.586	9.1	20.1
4 21	11 51.27	+ 5 36.2	1.689	2.574	13.1	20.4
5 1	11 46.62	+ 5 51.3	1.761	2.562	16.5	20.6

22671 1998 QL_{36} 3 24.3 234.°09 1.°5/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.88	− 8 23.7	2.088	2.916	12.6	18.6
3 2	12 30.06	− 7 59.3	2.004	2.912	9.4	18.4
3 12	12 23.49	− 7 20.1	1.944	2.908	5.8	18.1
3 22	12 15.82	− 6 29.2	1.911	2.903	2.2	17.9
4 1	12 7.86	− 5 31.5	1.907	2.899	3.0	17.9
4 11	12 0.52	− 4 33.3	1.931	2.894	6.7	18.1
4 21	11 54.55	− 3 40.5	1.982	2.889	10.3	18.3
5 1	11 50.50	− 2 57.8	2.055	2.884	13.5	18.5

415746 2000 JN_{10} 3 24.3 279.°17 10.°6/14.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 49.10	+24 57.0	1.784	2.626	13.8	21.9
3 2	12 41.19	+26 22.3	1.693	2.586	11.8	21.7
3 12	12 30.27	+27 36.6	1.626	2.545	10.7	21.6
3 22	12 17.16	+28 28.0	1.585	2.502	11.2	21.5
4 1	12 3.19	+28 46.4	1.570	2.459	13.3	21.5
4 11	11 49.95	+28 27.2	1.579	2.414	16.3	21.6
4 21	11 38.80	+27 31.6	1.608	2.368	19.4	21.7
5 1	11 30.68	+26 4.8	1.654	2.321	22.2	21.8

193834 2001 QQ_{43} 3 24.3 160.°82 2.°8/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.17	+ 2 17.6	1.761	2.620	13.1	21.5
3 2	12 33.28	+ 3 30.4	1.697	2.627	9.3	21.3
3 12	12 25.34	+ 4 51.7	1.658	2.633	5.3	21.0
3 22	12 16.16	+ 6 13.7	1.647	2.638	2.8	20.9
4 1	12 6.79	+ 7 27.8	1.665	2.643	5.6	21.1
4 11	11 58.31	+ 8 26.9	1.710	2.647	9.6	21.3
4 21	11 51.56	+ 9 6.6	1.780	2.650	13.3	21.5
5 1	11 47.11	+ 9 25.6	1.870	2.652	16.4	21.8

341152 2007 PH_{30} 3 24.3 268.°57 2.°1/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.95	+ 2 0.1	2.131	2.988	11.2	21.2
3 2	12 30.14	+ 2 52.7	2.041	2.969	8.0	21.0
3 12	12 23.58	+ 3 53.4	1.976	2.951	4.5	20.7
3 22	12 15.84	+ 4 56.6	1.939	2.932	2.1	20.5
4 1	12 7.75	+ 5 56.0	1.932	2.913	4.6	20.7
4 11	12 0.20	+ 6 45.5	1.952	2.893	8.3	20.8
4 21	11 53.95	+ 7 20.8	1.998	2.873	11.8	21.0
5 1	11 49.58	+ 7 39.4	2.065	2.853	14.9	21.2

219783 2002 AL_{28} 3 24.3 61.°50 1.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.77	− 5 43.0	1.692	2.530	14.6	19.5
3 2	12 34.50	− 5 57.2	1.627	2.541	10.8	19.3
3 12	12 26.06	− 5 58.7	1.586	2.552	6.5	19.0
3 22	12 16.30	− 5 49.9	1.570	2.564	2.3	18.8
4 1	12 6.34	− 5 34.9	1.583	2.575	3.5	18.9
4 11	11 57.33	− 5 18.9	1.624	2.587	7.8	19.2
4 21	11 50.19	− 5 6.7	1.689	2.598	11.7	19.4
5 1	11 45.48	− 5 2.2	1.777	2.610	15.1	19.7

109074 2001 QG_{24} 3 24.3 191.°83 0.°7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.71	− 5 19.3	2.151	2.981	12.2	20.6
3 2	12 32.75	− 5 2.7	2.068	2.980	9.0	20.4
3 12	12 25.00	− 4 34.7	2.010	2.978	5.3	20.1
3 22	12 16.11	− 3 58.3	1.981	2.976	1.4	19.8
4 1	12 6.95	− 3 18.0	1.981	2.973	3.0	20.0
4 11	11 58.44	− 2 39.2	2.011	2.969	6.9	20.2
4 21	11 51.34	− 2 6.5	2.067	2.965	10.4	20.4
5 1	11 46.22	− 1 43.6	2.146	2.960	13.5	20.6

149870 2005 QT_{121} 3 24.3 16.°94 1.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.86	− 6 20.8	1.380	2.236	16.2	20.0
3 2	12 30.64	− 5 58.2	1.315	2.240	11.9	19.8
3 12	12 24.04	− 5 17.3	1.273	2.244	7.1	19.5
3 22	12 15.94	− 4 23.1	1.254	2.249	2.0	19.2
4 1	12 7.56	− 3 23.1	1.262	2.255	3.8	19.3
4 11	12 0.20	− 2 26.4	1.295	2.261	8.9	19.6
4 21	11 54.82	− 1 40.3	1.350	2.268	13.4	19.9
5 1	11 52.06	− 1 10.1	1.426	2.276	17.3	20.2

439827 2015 KB_{92} 3 24.3 327.°28 1.°2/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.61	− 8 14.1	2.037	2.872	12.6	20.8
3 2	12 27.75	− 7 33.4	1.951	2.864	9.4	20.6
3 12	12 22.21	− 6 36.6	1.890	2.857	5.7	20.3
3 22	12 15.59	− 5 27.6	1.856	2.849	1.9	20.0
4 1	12 8.69	− 4 12.2	1.850	2.842	2.9	20.1
4 11	12 2.39	− 2 57.8	1.872	2.836	6.8	20.3
4 21	11 57.41	− 1 50.7	1.920	2.830	10.5	20.5
5 1	11 54.28	− 0 56.2	1.991	2.824	13.8	20.7

5341 Purgathofer 3 24.3 184.°35 0.°7/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.63	− 5 55.7	1.791	2.626	14.1	19.2
3 2	12 34.43	− 5 23.0	1.713	2.627	10.4	18.9
3 12	12 26.07	− 4 35.0	1.658	2.627	6.1	18.7
3 22	12 16.32	− 3 36.2	1.631	2.626	1.5	18.4
4 1	12 6.26	− 2 32.9	1.633	2.624	3.5	18.5
4 11	11 57.02	− 1 32.6	1.663	2.622	8.0	18.8
4 21	11 49.52	− 0 41.8	1.719	2.618	12.1	19.0
5 1	11 44.38	− 0 5.1	1.797	2.614	15.6	19.2

341247 2007 RP_{203} 3 24.3 76.°54 0.°4/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.37	− 6 14.5	2.086	2.924	12.2	21.0
3 2	12 28.83	− 5 24.5	2.021	2.938	8.9	20.8
3 12	12 22.71	− 4 21.3	1.982	2.951	5.1	20.6
3 22	12 15.67	− 3 9.5	1.970	2.965	1.2	20.3
4 1	12 8.51	− 1 55.6	1.987	2.978	2.9	20.5
4 11	12 2.06	− 0 46.0	2.032	2.992	6.7	20.7
4 21	11 56.97	+ 0 13.6	2.104	3.005	10.2	21.0
5 1	11 53.68	+ 0 59.5	2.199	3.018	13.1	21.2

98052 2000 RX_{34} 3 24.3 127.°62 2.°0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.09	− 7 58.0	1.636	2.468	15.3	19.8
3 2	12 34.86	− 7 57.2	1.567	2.477	11.5	19.5
3 12	12 26.33	− 7 40.1	1.521	2.485	7.1	19.3
3 22	12 16.37	− 7 9.6	1.501	2.493	2.8	19.1
4 1	12 6.16	− 6 30.6	1.509	2.500	3.6	19.1
4 11	11 56.90	− 5 50.2	1.544	2.507	8.0	19.4
4 21	11 49.58	− 5 14.5	1.604	2.514	12.2	19.7
5 1	11 44.79	− 4 48.7	1.686	2.521	15.7	19.9

209613 2005 AT_7 3 24.3 43.°63 1.°3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.39	− 0 44.6	1.271	2.140	16.4	20.1
3 2	12 33.22	− 0 14.5	1.218	2.152	11.8	19.8
3 12	12 25.48	+ 0 27.8	1.187	2.163	6.5	19.5
3 22	12 16.21	+ 1 15.4	1.180	2.175	1.5	19.2
4 1	12 6.78	+ 2 0.0	1.199	2.188	5.0	19.5
4 11	11 58.59	+ 2 33.6	1.243	2.201	10.1	19.8
4 21	11 52.66	+ 2 51.4	1.309	2.215	14.7	20.1
5 1	11 49.55	+ 2 51.1	1.394	2.229	18.4	20.4

209552 Isaacroberts 3 24.3 204.°47 2.°9/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.87	+ 2 31.0	1.733	2.595	13.1	21.9
3 2	12 32.48	+ 3 43.9	1.660	2.591	9.4	21.7
3 12	12 24.98	+ 5 6.1	1.612	2.587	5.3	21.4
3 22	12 16.13	+ 6 29.7	1.591	2.582	2.9	21.3
4 1	12 6.96	+ 7 46.1	1.599	2.577	5.8	21.4
4 11	11 58.60	+ 8 47.3	1.634	2.571	9.9	21.7
4 21	11 51.95	+ 9 28.7	1.693	2.564	13.8	21.9
5 1	11 47.61	+ 9 48.3	1.772	2.557	17.0	22.1

384146 2008 YX_{151} 3 24.3 174.°36 3.°7/19.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.02	+ 8 23.6	2.480	3.342	9.7	21.5
3 2	12 29.14	+ 9 33.9	2.415	3.344	7.0	21.4
3 12	12 22.84	+10 45.8	2.376	3.345	4.5	21.2
3 22	12 15.71	+11 53.3	2.367	3.347	3.8	21.1
4 1	12 8.42	+12 50.8	2.388	3.347	5.7	21.3
4 11	12 1.70	+13 34.0	2.436	3.348	8.4	21.4
4 21	11 56.15	+14 0.5	2.509	3.348	11.0	21.6
5 1	11 52.21	+14 9.7	2.604	3.348	13.2	21.8

295896 2008 WO_{81} 3 24.3 74.°49 0.°6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.83	− 3 38.5	1.347	2.208	16.2	20.7
3 2	12 32.70	− 2 45.7	1.293	2.222	11.7	20.5
3 12	12 25.15	− 1 36.7	1.262	2.237	6.5	20.2
3 22	12 16.16	− 0 19.1	1.255	2.251	1.2	19.9
4 1	12 7.05	+ 0 57.4	1.275	2.266	4.5	20.2
4 11	11 59.11	+ 2 3.2	1.321	2.280	9.6	20.5
4 21	11 53.30	+ 2 51.7	1.390	2.295	14.1	20.8
5 1	11 50.18	+ 3 19.6	1.479	2.309	17.8	21.1

88484 2001 QV_{126} 3 24.3 146.°14 3.°4/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.25	−14 36.9	2.143	2.938	13.4	20.0
3 2	12 31.70	−14 20.9	2.065	2.948	10.5	19.8
3 12	12 24.39	−13 46.3	2.011	2.957	7.2	19.6
3 22	12 16.02	−12 55.0	1.985	2.965	4.2	19.4
4 1	12 7.45	−11 51.3	1.986	2.973	3.8	19.4
4 11	11 59.59	−10 41.9	2.017	2.980	6.5	19.6
4 21	11 53.18	− 9 33.3	2.075	2.987	9.7	19.8
5 1	11 48.72	− 8 31.7	2.157	2.993	12.7	20.0

399355 2000 UZ_{61} 3 24.3 180.°99 1.°2/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.14	− 7 44.4	2.032	2.856	13.0	22.1
3 2	12 33.15	− 7 15.5	1.951	2.858	9.7	21.9
3 12	12 25.27	− 6 31.7	1.895	2.859	5.9	21.6
3 22	12 16.20	− 5 36.4	1.866	2.859	2.0	21.4
4 1	12 6.85	− 4 35.2	1.867	2.859	3.1	21.4
4 11	11 58.22	− 3 34.6	1.897	2.857	7.1	21.7
4 21	11 51.11	− 2 40.7	1.954	2.855	10.8	21.9
5 1	11 46.08	− 1 58.1	2.033	2.852	14.0	22.1

345999 2007 TX_{199} 3 24.3 234.°41 1.°8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.21	−10 12.7	2.153	2.975	12.5	21.3
3 2	12 28.81	− 9 39.3	2.071	2.974	9.4	21.1
3 12	12 22.78	− 8 49.7	2.013	2.973	6.0	20.9
3 22	12 15.72	− 7 47.2	1.982	2.973	2.5	20.6
4 1	12 8.44	− 6 36.9	1.981	2.972	2.9	20.6
4 11	12 1.77	− 5 25.5	2.007	2.972	6.4	20.9
4 21	11 56.40	− 4 19.2	2.061	2.971	9.9	21.1
5 1	11 52.85	− 3 23.2	2.138	2.970	12.9	21.3

278391 2007 PL_{14} 3 24.3 186.°30 4.°5/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.06	+ 7 31.8	1.761	2.627	12.7	21.0
3 2	12 33.28	+ 8 46.5	1.696	2.627	9.2	20.8
3 12	12 25.40	+10 4.7	1.656	2.627	5.8	20.6
3 22	12 16.23	+11 17.9	1.643	2.626	4.6	20.5
4 1	12 6.81	+12 17.9	1.659	2.624	7.1	20.6
4 11	11 58.26	+12 58.6	1.701	2.622	10.7	20.8
4 21	11 51.45	+13 17.1	1.767	2.619	14.2	21.0
5 1	11 46.95	+13 13.6	1.852	2.616	17.2	21.2

51895 Biblialexa 3 24.3 13.°73 2.°8/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.03	−13 3.3	1.943	2.760	13.8	18.7
3 2	12 28.11	−12 28.4	1.864	2.762	10.6	18.5
3 12	12 22.43	−11 33.3	1.809	2.764	7.0	18.3
3 22	12 15.66	−10 21.2	1.779	2.766	3.6	18.1
4 1	12 8.67	− 8 57.9	1.778	2.768	3.4	18.1
4 11	12 2.35	− 7 31.3	1.804	2.771	6.7	18.3
4 21	11 57.46	− 6 9.2	1.857	2.774	10.4	18.5
5 1	11 54.52	− 4 58.0	1.932	2.778	13.6	18.7

346117 2007 VT_{129} 3 24.3 249.°62 1.°4/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.00	+ 0 43.9	2.220	3.072	11.0	21.5
3 2	12 30.06	+ 1 22.5	2.138	3.065	7.9	21.2
3 12	12 23.48	+ 2 8.5	2.082	3.057	4.4	21.0
3 22	12 15.87	+ 2 57.3	2.055	3.049	1.4	20.8
4 1	12 8.00	+ 3 43.6	2.056	3.041	3.9	20.9
4 11	12 0.71	+ 4 22.2	2.086	3.033	7.5	21.1
4 21	11 54.70	+ 4 49.2	2.142	3.025	10.8	21.3
5 1	11 50.49	+ 5 2.5	2.220	3.017	13.7	21.5

281957 2011 GR_{57} 3 24.3 231.°67 2.°9/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.78	+ 4 40.6	2.029	2.891	11.5	21.0
3 2	12 30.71	+ 5 32.9	1.956	2.887	8.2	20.8
3 12	12 23.88	+ 6 30.0	1.909	2.883	4.8	20.6
3 22	12 15.94	+ 7 26.1	1.890	2.879	2.9	20.5
4 1	12 7.77	+ 8 14.8	1.899	2.875	5.3	20.6
4 11	12 0.29	+ 8 50.6	1.936	2.870	8.8	20.8
4 21	11 54.23	+ 9 10.5	1.997	2.866	12.1	21.0
5 1	11 50.13	+ 9 13.0	2.080	2.861	15.0	21.2

495108 2011 UA_{188} 3 24.3 259.°80 3.°3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.87	−11 33.0	1.568	2.393	16.2	21.8
3 2	12 33.70	−11 24.8	1.473	2.376	12.6	21.6
3 12	12 25.97	−10 54.6	1.400	2.358	8.3	21.3
3 22	12 16.40	−10 3.8	1.351	2.339	4.2	21.0
4 1	12 6.15	− 8 57.5	1.330	2.320	4.3	20.9
4 11	11 56.59	− 7 44.2	1.335	2.301	8.7	21.1
4 21	11 48.90	− 6 33.3	1.364	2.281	13.4	21.3
5 1	11 43.91	− 5 33.2	1.415	2.261	17.6	21.5

242176 2003 HX_{19} 3 24.3 328.°62 1.°4/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.38	+ 1 2.3	1.553	2.416	14.3	19.7
3 2	12 33.12	+ 1 13.5	1.476	2.407	10.4	19.4
3 12	12 25.48	+ 1 32.8	1.423	2.398	5.8	19.1
3 22	12 16.28	+ 1 55.3	1.395	2.390	1.5	18.8
4 1	12 6.66	+ 2 15.1	1.394	2.383	4.7	19.0
4 11	11 57.91	+ 2 26.4	1.420	2.375	9.4	19.3
4 21	11 51.03	+ 2 25.4	1.469	2.369	13.8	19.5
5 1	11 46.73	+ 2 9.9	1.538	2.362	17.5	19.7

369775 2012 GG_{23} 3 24.3 324.°55 9.°4/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.16	−23 47.7	1.539	2.311	18.9	19.7
3 2	12 31.91	−24 42.7	1.451	2.300	16.1	19.5
3 12	12 25.01	−25 9.5	1.382	2.288	13.1	19.3
3 22	12 16.22	−25 4.2	1.334	2.278	10.5	19.1
4 1	12 6.74	−24 26.8	1.309	2.268	9.4	19.0
4 11	11 58.01	−23 22.8	1.308	2.258	10.6	19.0
4 21	11 51.26	−22 2.0	1.329	2.249	13.5	19.2
5 1	11 47.35	−20 35.9	1.372	2.241	16.7	19.3

495345 2014 NS_{59} 3 24.3 231.°01 0.°7/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.02	− 5 42.0	1.882	2.716	13.5	22.9
3 2	12 34.08	− 5 15.1	1.788	2.702	10.0	22.7
3 12	12 25.97	− 4 33.6	1.719	2.688	5.9	22.4
3 22	12 16.38	− 3 41.0	1.677	2.672	1.5	22.1
4 1	12 6.31	− 2 43.1	1.665	2.656	3.4	22.2
4 11	11 56.88	− 1 47.0	1.680	2.639	8.0	22.4
4 21	11 49.04	− 0 58.9	1.722	2.621	12.1	22.6
5 1	11 43.49	− 0 23.8	1.786	2.602	15.7	22.8

84299 2002 TS_{38} 3 24.3 69.°62 1.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.72	− 6 44.6	2.074	2.909	12.4	19.6
3 2	12 29.87	− 6 20.7	2.004	2.917	9.2	19.4
3 12	12 23.37	− 5 43.8	1.958	2.925	5.5	19.2
3 22	12 15.85	− 4 57.5	1.939	2.933	1.7	19.0
4 1	12 8.17	− 4 6.8	1.949	2.941	2.9	19.1
4 11	12 1.18	− 3 17.5	1.987	2.949	6.6	19.3
4 21	11 55.58	− 2 34.7	2.051	2.957	10.1	19.6
5 1	11 51.85	− 2 2.5	2.138	2.965	13.1	19.8

428031 2006 CH_{46} 3 24.3 223.°93 3.°0/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.38	+ 4 11.7	1.934	2.797	11.9	21.1
3 2	12 30.49	+ 5 11.7	1.863	2.795	8.5	20.9
3 12	12 23.78	+ 6 17.6	1.819	2.793	4.9	20.6
3 22	12 15.95	+ 7 22.7	1.802	2.791	3.0	20.5
4 1	12 7.89	+ 8 20.0	1.813	2.789	5.5	20.7
4 11	12 0.54	+ 9 3.6	1.852	2.787	9.1	20.9
4 21	11 54.68	+ 9 30.0	1.915	2.785	12.5	21.1
5 1	11 50.84	+ 9 37.8	1.998	2.782	15.4	21.3

329298 2000 RM 3 24.3 193.°72 2.°5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.46	−13 31.4	2.587	3.380	11.4	22.5
3 2	12 30.23	−12 55.9	2.494	3.378	8.8	22.3
3 12	12 23.53	−12 4.1	2.426	3.374	5.9	22.1
3 22	12 15.90	−10 58.5	2.386	3.370	3.1	21.9
4 1	12 8.04	− 9 43.1	2.377	3.366	2.9	21.9
4 11	12 0.71	− 8 23.9	2.398	3.360	5.7	22.1
4 21	11 54.51	− 7 6.8	2.447	3.354	8.7	22.3
5 1	11 49.94	− 5 57.0	2.522	3.347	11.4	22.4

206144 2002 TG_{92} 3 24.3 126.°57 0.°1/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.75	− 3 15.2	2.433	3.269	10.7	21.4
3 2	12 30.37	− 2 46.4	2.364	3.281	7.7	21.2
3 12	12 23.55	− 2 8.7	2.321	3.292	4.4	21.0
3 22	12 15.89	− 1 25.9	2.308	3.303	0.8	20.7
4 1	12 8.11	− 0 42.4	2.324	3.314	2.8	20.9
4 11	12 0.96	− 0 2.9	2.369	3.324	6.2	21.2
4 21	11 55.03	+ 0 29.0	2.442	3.334	9.3	21.4
5 1	11 50.75	+ 0 50.6	2.538	3.344	11.9	21.6

197596 2004 HV_{61} 3 24.3 292.°82 3.°2/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.45	−10 57.8	1.315	2.157	17.7	20.3
3 2	12 32.29	−10 46.6	1.227	2.139	13.7	20.0
3 12	12 25.31	−10 10.2	1.159	2.122	9.0	19.7
3 22	12 16.31	− 9 10.5	1.115	2.105	4.2	19.3
4 1	12 6.57	− 7 53.8	1.095	2.088	4.5	19.3
4 11	11 57.64	− 6 30.8	1.101	2.070	9.6	19.5
4 21	11 50.83	− 5 12.8	1.129	2.054	14.8	19.8
5 1	11 47.03	− 4 9.2	1.176	2.037	19.5	20.0

156458 2002 BP_{27} 3 24.3 59.°17 1.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.65	+ 1 44.9	1.541	2.402	14.5	20.3
3 2	12 34.31	+ 2 14.9	1.501	2.431	10.3	20.1
3 12	12 25.87	+ 2 51.6	1.484	2.460	5.7	19.9
3 22	12 16.33	+ 3 28.9	1.494	2.489	2.0	19.7
4 1	12 6.88	+ 4 0.3	1.532	2.517	4.8	19.9
4 11	11 58.65	+ 4 20.5	1.596	2.546	9.1	20.3
4 21	11 52.42	+ 4 26.5	1.685	2.575	12.8	20.5
5 1	11 48.65	+ 4 17.6	1.794	2.604	15.9	20.8

25155 van Belle 3 24.3 191.°97 0.°3/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.95	− 3 14.8	2.218	3.060	11.4	19.2
3 2	12 30.01	− 2 35.3	2.140	3.060	8.3	19.0
3 12	12 23.46	− 1 45.2	2.086	3.058	4.7	18.7
3 22	12 15.90	− 0 49.0	2.061	3.057	0.8	18.4
4 1	12 8.13	+ 0 8.1	2.066	3.056	3.2	18.6
4 11	12 0.97	+ 1 0.3	2.099	3.054	6.9	18.8
4 21	11 55.10	+ 1 43.0	2.159	3.052	10.3	19.1
5 1	11 51.01	+ 2 13.0	2.241	3.049	13.2	19.2

329804 2004 RZ_6 3 24.3 205.°96 2.°5/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.94	+ 4 28.9	2.396	3.249	10.3	21.8
3 2	12 31.35	+ 5 18.9	2.317	3.243	7.3	21.6
3 12	12 24.19	+ 6 13.4	2.264	3.237	4.3	21.4
3 22	12 16.04	+ 7 7.2	2.241	3.230	2.5	21.3
4 1	12 7.67	+ 7 54.9	2.248	3.223	4.6	21.4
4 11	11 59.87	+ 8 31.9	2.283	3.215	7.8	21.6
4 21	11 53.30	+ 8 55.2	2.345	3.206	10.8	21.8
5 1	11 48.47	+ 9 3.4	2.428	3.197	13.4	21.9

358019 2006 DE_{176} 3 24.3 82.°70 0.°8/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.87	− 4 31.0	1.409	2.256	16.5	20.9
3 2	12 36.93	− 4 27.6	1.358	2.278	12.0	20.7
3 12	12 27.51	− 4 9.8	1.329	2.300	7.0	20.4
3 22	12 16.66	− 3 42.0	1.327	2.322	1.8	20.2
4 1	12 5.78	− 3 10.3	1.351	2.343	3.9	20.4
4 11	11 56.20	− 2 41.7	1.402	2.364	8.8	20.7
4 21	11 48.91	− 2 21.6	1.477	2.385	13.2	21.0
5 1	11 44.45	− 2 13.7	1.573	2.405	16.8	21.3

416584 2004 JB_{12} 3 24.3 297.°81 3.°4/21.4 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.11	+ 1 4.7	1.532	2.391	14.7	22.5
3 2	12 35.89	+ 2 32.3	1.406	2.337	10.8	22.2
3 12	12 27.64	+ 4 21.1	1.305	2.280	6.3	21.8
3 22	12 16.85	+ 6 24.0	1.230	2.222	3.4	21.4
4 1	12 4.59	+ 8 28.8	1.184	2.162	7.3	21.5
4 11	11 52.38	+10 21.6	1.164	2.100	13.1	21.6
4 21	11 41.78	+11 50.8	1.168	2.037	18.8	21.7
5 1	11 34.06	+12 49.5	1.190	1.973	23.9	21.9

305421 2008 CS_{133} 3 24.3 27.°72 1.°9/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.35	+ 1 52.4	2.349	3.206	10.3	20.9
3 2	12 28.04	+ 2 49.9	2.277	3.207	7.3	20.7
3 12	12 22.30	+ 3 53.9	2.232	3.207	4.1	20.5
3 22	12 15.68	+ 4 59.2	2.215	3.208	1.9	20.4
4 1	12 8.90	+ 6 0.0	2.228	3.208	4.1	20.5
4 11	12 2.68	+ 6 51.2	2.269	3.209	7.4	20.7
4 21	11 57.64	+ 7 29.2	2.335	3.210	10.4	20.9
5 1	11 54.21	+ 7 51.9	2.424	3.210	13.0	21.1

363755 2005 BZ_{12} 3 24.3 355.°77 4.°8/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.60	−12 26.1	1.289	2.125	18.3	20.0
3 2	12 33.01	−12 54.8	1.217	2.123	14.4	19.8
3 12	12 25.64	−13 0.3	1.164	2.120	9.9	19.5
3 22	12 16.38	−12 42.9	1.135	2.119	5.8	19.3
4 1	12 6.60	−12 6.6	1.130	2.118	5.4	19.2
4 11	11 57.83	−11 19.5	1.149	2.118	9.4	19.5
4 21	11 51.30	−10 30.9	1.191	2.119	13.9	19.7
5 1	11 47.80	− 9 49.4	1.252	2.120	18.1	20.0

248363 2005 QK_{164} 3 24.3 243.°98 8.°3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.76	−30 28.5	2.776	3.447	13.5	21.0
3 2	12 34.38	−31 33.7	2.672	3.437	11.9	20.8
3 12	12 26.09	−32 19.6	2.589	3.426	10.3	20.7
3 22	12 16.46	−32 43.2	2.530	3.415	8.9	20.6
4 1	12 6.27	−32 43.4	2.497	3.403	8.3	20.5
4 11	11 56.46	−32 22.2	2.491	3.392	8.7	20.5
4 21	11 47.87	−31 43.9	2.511	3.380	9.9	20.6
5 1	11 41.16	−30 54.7	2.554	3.368	11.6	20.7

11729 1998 KD_{22} 3 24.3 310.°64 1.°4/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.77	+ 0 35.7	2.115	2.971	11.3	17.4
3 2	12 29.28	+ 1 12.6	2.032	2.960	8.1	17.2
3 12	12 23.11	+ 1 57.3	1.975	2.950	4.5	16.9
3 22	12 15.86	+ 2 45.3	1.945	2.940	1.4	16.7
4 1	12 8.33	+ 3 30.9	1.944	2.930	4.0	16.8
4 11	12 1.39	+ 4 8.8	1.971	2.920	7.7	17.0
4 21	11 55.75	+ 4 34.9	2.023	2.910	11.2	17.2
5 1	11 51.94	+ 4 46.8	2.097	2.901	14.1	17.4

235822 2004 XJ_{102} 3 24.3 96.°16 5.°4/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.86	−18 58.0	2.102	2.873	14.5	20.5
3 2	12 32.92	−19 18.5	2.032	2.891	11.7	20.4
3 12	12 25.14	−19 18.5	1.985	2.908	8.8	20.2
3 22	12 16.24	−18 58.2	1.963	2.925	6.2	20.1
4 1	12 7.16	−18 20.3	1.969	2.942	5.5	20.1
4 11	11 58.86	−17 30.4	2.003	2.959	7.1	20.2
4 21	11 52.11	−16 35.0	2.064	2.975	9.8	20.4
5 1	11 47.45	−15 40.8	2.148	2.991	12.5	20.6

341238 2007 RQ_{174} 3 24.3 176.°23 1.°4/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.21	− 0 37.2	2.336	3.187	10.6	21.1
3 2	12 28.68	+ 0 28.8	2.262	3.188	7.6	20.9
3 12	12 22.67	+ 1 43.7	2.214	3.189	4.2	20.7
3 22	12 15.78	+ 3 2.1	2.195	3.189	1.4	20.5
4 1	12 8.70	+ 4 17.9	2.206	3.189	3.8	20.7
4 11	12 2.19	+ 5 24.9	2.245	3.190	7.2	20.9
4 21	11 56.88	+ 6 18.9	2.311	3.189	10.3	21.1
5 1	11 53.21	+ 6 57.2	2.400	3.189	13.0	21.3

492492 2014 NR_{56} 3 24.3 256.°49 2.°9/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.06	+ 3 33.9	1.615	2.476	13.9	21.7
3 2	12 35.16	+ 4 17.1	1.528	2.458	10.1	21.4
3 12	12 26.75	+ 5 8.3	1.465	2.440	5.8	21.1
3 22	12 16.61	+ 6 0.6	1.429	2.421	2.9	20.9
4 1	12 5.90	+ 6 46.1	1.420	2.401	6.0	21.0
4 11	11 55.93	+ 7 17.6	1.438	2.381	10.6	21.2
4 21	11 47.83	+ 7 30.9	1.480	2.360	14.9	21.4
5 1	11 42.37	+ 7 24.1	1.541	2.339	18.7	21.6

80253 1999 WF_{13} 3 24.3 252.°34 1.°0/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.93	− 6 28.2	1.432	2.280	16.2	20.1
3 2	12 33.81	− 6 0.9	1.350	2.270	12.1	19.9
3 12	12 26.05	− 5 14.3	1.289	2.259	7.2	19.5
3 22	12 16.48	− 4 12.5	1.253	2.248	2.0	19.2
4 1	12 6.34	− 3 3.3	1.244	2.236	4.0	19.3
4 11	11 57.06	− 1 56.3	1.260	2.224	9.4	19.6
4 21	11 49.81	− 0 59.9	1.301	2.212	14.4	19.8
5 1	11 45.38	− 0 20.4	1.361	2.200	18.6	20.0

261154 2005 TM_{86} 3 24.3 244.°45 0.°8/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.08	− 6 40.7	2.571	3.399	10.5	21.3
3 2	12 28.55	− 6 10.1	2.481	3.391	7.8	21.1
3 12	12 22.61	− 5 28.2	2.416	3.382	4.6	20.9
3 22	12 15.78	− 4 37.8	2.379	3.373	1.4	20.6
4 1	12 8.72	− 3 43.4	2.372	3.364	2.5	20.7
4 11	12 2.12	− 2 49.7	2.395	3.355	5.8	20.9
4 21	11 56.59	− 2 1.4	2.444	3.345	8.9	21.1
5 1	11 52.60	− 1 22.2	2.518	3.335	11.7	21.2

276650 2003 UT_{271} 3 24.3 203.°30 0.°6/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.24	− 6 14.0	2.579	3.404	10.5	21.8
3 2	12 30.07	− 5 41.9	2.490	3.399	7.8	21.6
3 12	12 23.46	− 4 58.8	2.427	3.394	4.6	21.4
3 22	12 15.95	− 4 7.7	2.394	3.388	1.3	21.1
4 1	12 8.20	− 3 12.9	2.390	3.382	2.5	21.2
4 11	12 0.95	− 2 19.5	2.417	3.375	5.9	21.4
4 21	11 54.81	− 1 31.9	2.471	3.367	9.0	21.6
5 1	11 50.26	− 0 53.7	2.549	3.359	11.7	21.8

360723 2004 TD_{152} 3 24.3 37.°94 1.°7/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.83	− 8 56.3	1.147	2.007	18.6	20.6
3 2	12 30.90	− 8 16.3	1.095	2.020	13.8	20.3
3 12	12 24.31	− 7 11.3	1.063	2.033	8.4	20.1
3 22	12 16.12	− 5 47.8	1.054	2.048	2.8	19.8
4 1	12 7.75	− 4 16.7	1.070	2.063	4.1	19.9
4 11	12 0.66	− 2 50.4	1.110	2.079	9.6	20.2
4 21	11 55.87	− 1 38.9	1.172	2.096	14.5	20.6
5 1	11 53.96	− 0 48.5	1.253	2.113	18.6	20.9

62939 2000 VP_{23} 3 24.3 225.°14 1.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.94	− 7 48.4	2.147	2.974	12.3	20.0
3 2	12 30.86	− 7 20.5	2.058	2.967	9.2	19.7
3 12	12 24.04	− 6 38.1	1.994	2.959	5.6	19.5
3 22	12 16.07	− 5 44.5	1.957	2.950	1.9	19.2
4 1	12 7.79	− 4 44.8	1.950	2.942	2.9	19.3
4 11	12 0.10	− 3 45.0	1.971	2.932	6.7	19.5
4 21	11 53.74	− 2 51.1	2.019	2.923	10.4	19.7
5 1	11 49.29	− 2 7.6	2.090	2.913	13.5	19.9

185662 1994 AG_{13} 3 24.3 201.°92 2.°2/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.18	+ 2 51.7	2.112	2.967	11.4	20.5
3 2	12 31.70	+ 3 40.2	2.036	2.964	8.1	20.3
3 12	12 24.47	+ 4 34.9	1.986	2.960	4.6	20.0
3 22	12 16.15	+ 5 30.4	1.964	2.956	2.2	19.9
4 1	12 7.58	+ 6 20.5	1.972	2.952	4.7	20.0
4 11	11 59.67	+ 6 59.8	2.008	2.947	8.2	20.2
4 21	11 53.17	+ 7 25.0	2.069	2.941	11.6	20.4
5 1	11 48.59	+ 7 34.2	2.152	2.935	14.5	20.6

309487 2007 VP_{207} 3 24.3 25.°03 0.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.21	− 3 25.7	1.188	2.058	17.3	20.6
3 2	12 31.88	− 3 0.3	1.132	2.065	12.5	20.3
3 12	12 24.88	− 2 18.4	1.098	2.074	7.1	20.0
3 22	12 16.24	− 1 26.4	1.087	2.083	1.3	19.7
4 1	12 7.36	− 0 33.2	1.101	2.093	4.5	19.9
4 11	11 59.71	+ 0 12.1	1.139	2.104	10.0	20.2
4 21	11 54.34	+ 0 42.6	1.199	2.116	14.9	20.5
5 1	11 51.88	+ 0 54.6	1.277	2.128	18.9	20.8

513529 2010 CR_1 3 24.3 148.°77 15.°4/ 5.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 15.92	−40 54.6	1.667	2.250	23.8	22.5
3 2	13 1.53	−42 30.0	1.592	2.280	21.6	22.3
3 12	12 42.25	−43 23.2	1.533	2.306	19.1	22.2
3 22	12 19.62	−43 21.3	1.496	2.327	16.9	22.1
4 1	11 56.28	−42 18.4	1.484	2.345	15.6	22.1
4 11	11 35.14	−40 21.9	1.498	2.359	15.7	22.1
4 21	11 18.26	−37 49.8	1.538	2.369	17.0	22.2
5 1	11 6.50	−35 3.5	1.602	2.375	19.1	22.4

427790 2005 EE_{243} 3 24.3 342.°91 0.°8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.34	+ 0 3.0	1.896	2.747	12.6	21.2
3 2	12 32.71	+ 0 8.9	1.820	2.745	9.1	21.0
3 12	12 25.11	+ 0 22.0	1.768	2.742	5.1	20.8
3 22	12 16.29	+ 0 38.6	1.744	2.740	1.1	20.5
4 1	12 7.18	+ 0 54.2	1.749	2.738	3.7	20.7
4 11	11 58.82	+ 1 4.2	1.781	2.736	7.9	20.9
4 21	11 52.03	+ 1 5.2	1.838	2.734	11.7	21.1
5 1	11 47.40	+ 0 55.1	1.918	2.733	14.9	21.3

279307 2009 WO_{207} 3 24.3 217.°60 0.°8/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.61	− 6 1.7	2.058	2.892	12.5	21.7
3 2	12 31.39	− 5 37.2	1.974	2.887	9.2	21.5
3 12	12 24.35	− 4 59.6	1.915	2.882	5.5	21.3
3 22	12 16.14	− 4 12.4	1.883	2.877	1.5	21.0
4 1	12 7.64	− 3 20.7	1.880	2.871	3.0	21.1
4 11	11 59.77	− 2 30.5	1.905	2.866	7.0	21.3
4 21	11 53.31	− 1 47.2	1.957	2.859	10.7	21.5
5 1	11 48.83	− 1 14.9	2.031	2.853	13.9	21.7

264515 2001 QS_{252} 3 24.3 147.°39 2.°3/26.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.05	− 9 20.3	2.165	2.977	12.8	21.5
3 2	12 34.43	− 9 26.0	2.089	2.986	9.7	21.3
3 12	12 26.00	− 9 18.4	2.038	2.995	6.2	21.1
3 22	12 16.45	− 8 59.0	2.015	3.004	2.9	20.9
4 1	12 6.68	− 8 31.5	2.022	3.012	3.2	20.9
4 11	11 57.64	− 8 0.5	2.058	3.019	6.5	21.2
4 21	11 50.09	− 7 30.9	2.121	3.025	9.9	21.4
5 1	11 44.58	− 7 7.1	2.208	3.032	12.9	21.6

368698 2005 SU_{153} 3 24.3 215.°11 0.°9/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.73	− 7 0.8	2.223	3.050	12.0	22.9
3 2	12 31.38	− 6 26.9	2.133	3.042	8.9	22.7
3 12	12 24.32	− 5 39.2	2.068	3.034	5.3	22.4
3 22	12 16.14	− 4 41.2	2.031	3.025	1.6	22.1
4 1	12 7.64	− 3 38.1	2.023	3.015	2.9	22.2
4 11	11 59.72	− 2 36.0	2.045	3.005	6.7	22.4
4 21	11 53.10	− 1 40.5	2.094	2.994	10.3	22.6
5 1	11 48.35	− 0 56.1	2.166	2.982	13.4	22.8

246390 2007 UE_{34} 3 24.3 56.°99 2.°7/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.60	+ 0 42.6	1.428	2.299	14.8	20.1
3 2	12 31.13	+ 2 1.8	1.367	2.303	10.6	19.9
3 12	12 24.35	+ 3 33.3	1.330	2.307	5.9	19.6
3 22	12 16.14	+ 5 7.9	1.319	2.312	2.7	19.4
4 1	12 7.70	+ 6 34.7	1.334	2.316	6.0	19.6
4 11	12 0.26	+ 7 44.4	1.375	2.321	10.6	19.9
4 21	11 54.76	+ 8 31.5	1.439	2.326	14.8	20.2
5 1	11 51.80	+ 8 53.9	1.521	2.331	18.3	20.4

31187 1997 YK_7 3 24.3 79.°49 7.°7/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.30	+17 28.1	1.713	2.581	12.9	18.2
3 2	12 33.35	+18 48.6	1.677	2.598	10.0	18.0
3 12	12 25.38	+20 0.3	1.665	2.614	8.0	18.0
3 22	12 16.31	+20 54.4	1.679	2.631	8.0	18.0
4 1	12 7.26	+21 24.4	1.719	2.647	10.0	18.1
4 11	11 59.30	+21 27.7	1.784	2.664	12.6	18.3
4 21	11 53.21	+21 5.5	1.870	2.680	15.3	18.5
5 1	11 49.46	+20 21.0	1.974	2.696	17.5	18.7

169952 2002 TZ_{73} 3 24.3 246.°78 1.°9/26.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.14	−10 36.9	2.699	3.505	10.7	21.8
3 2	12 30.08	−10 12.0	2.591	3.485	8.2	21.5
3 12	12 23.53	− 9 33.4	2.508	3.464	5.3	21.3
3 22	12 15.99	− 8 43.1	2.453	3.442	2.5	21.1
4 1	12 8.12	− 7 44.9	2.429	3.420	2.6	21.1
4 11	12 0.64	− 6 43.4	2.435	3.396	5.6	21.2
4 21	11 54.18	− 5 44.0	2.469	3.373	8.7	21.4
5 1	11 49.26	− 4 51.1	2.528	3.348	11.5	21.5

384922 2012 TT_{76} 3 24.3 103.°25 1.°7/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.83	− 9 15.4	2.360	3.179	11.6	21.7
3 2	12 29.81	− 8 54.1	2.290	3.192	8.7	21.5
3 12	12 23.30	− 8 19.5	2.244	3.204	5.5	21.3
3 22	12 15.93	− 7 34.7	2.226	3.216	2.3	21.1
4 1	12 8.42	− 6 43.8	2.237	3.229	2.7	21.2
4 11	12 1.55	− 5 52.1	2.278	3.241	5.9	21.4
4 21	11 55.91	− 5 4.6	2.346	3.252	9.0	21.6
5 1	11 51.97	− 4 25.2	2.437	3.264	11.7	21.8

173150 1995 WM_{12} 3 24.3 223.°02 1.°0/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.52	− 0 24.7	2.742	3.586	9.4	21.6
3 2	12 28.78	+ 0 19.3	2.655	3.578	6.7	21.4
3 12	12 22.72	+ 1 10.5	2.595	3.569	3.7	21.2
3 22	12 15.83	+ 2 4.9	2.565	3.560	1.0	21.0
4 1	12 8.74	+ 2 58.0	2.564	3.550	3.1	21.1
4 11	12 2.08	+ 3 45.3	2.594	3.540	6.2	21.3
4 21	11 56.44	+ 4 23.4	2.650	3.530	9.1	21.5
5 1	11 52.24	+ 4 49.7	2.730	3.519	11.6	21.6

267412 2002 AR_{197} 3 24.3 354.°23 7.°9/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.93	+16 40.6	1.549	2.423	13.7	19.5
3 2	12 33.45	+17 42.2	1.494	2.420	10.7	19.3
3 12	12 25.63	+18 36.4	1.463	2.418	8.3	19.1
3 22	12 16.40	+19 14.0	1.456	2.417	8.1	19.1
4 1	12 6.97	+19 27.7	1.475	2.416	10.3	19.2
4 11	11 58.61	+19 14.1	1.518	2.415	13.4	19.4
4 21	11 52.26	+18 34.1	1.581	2.415	16.5	19.6
5 1	11 48.48	+17 31.2	1.662	2.416	19.2	19.8

310674 2002 FM_{28} 3 24.3 342.°92 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.75	− 3 42.4	1.202	2.072	17.1	20.2
3 2	12 31.76	− 3 24.6	1.132	2.064	12.6	19.9
3 12	12 24.98	− 2 49.6	1.082	2.057	7.3	19.6
3 22	12 16.32	− 2 2.7	1.055	2.051	1.5	19.2
4 1	12 7.15	− 1 12.1	1.053	2.045	4.5	19.4
4 11	11 59.02	− 0 27.4	1.075	2.041	10.3	19.7
4 21	11 53.13	+ 0 4.0	1.118	2.038	15.4	19.9
5 1	11 50.27	+ 0 17.2	1.180	2.035	19.8	20.2

418029 2007 UB_{104} 3 24.3 154.°44 1.°9/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.36	+ 1 22.9	1.926	2.778	12.4	22.3
3 2	12 33.33	+ 2 13.5	1.860	2.786	8.9	22.1
3 12	12 25.41	+ 3 11.9	1.819	2.794	5.0	21.8
3 22	12 16.36	+ 4 11.9	1.807	2.801	2.0	21.7
4 1	12 7.13	+ 5 6.9	1.824	2.807	4.6	21.8
4 11	11 58.73	+ 5 51.0	1.869	2.812	8.5	22.1
4 21	11 51.93	+ 6 20.2	1.940	2.817	12.0	22.3
5 1	11 47.26	+ 6 32.9	2.032	2.821	15.0	22.5

470502 2008 CU_{68} 3 24.3 7.°82 9.°7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.91	−28 20.2	2.163	2.867	16.0	20.4
3 2	12 36.33	−29 54.5	2.078	2.867	14.1	20.3
3 12	12 27.39	−31 7.0	2.013	2.868	12.1	20.1
3 22	12 16.79	−31 53.1	1.972	2.870	10.4	20.0
4 1	12 5.55	−32 10.9	1.956	2.872	9.7	20.0
4 11	11 54.90	−32 2.7	1.966	2.874	10.3	20.0
4 21	11 45.87	−31 34.0	2.000	2.876	11.8	20.1
5 1	11 39.26	−30 52.7	2.057	2.879	13.8	20.3

425111 2009 SB_{144} 3 24.3 195.°94 0.°8/23.4 17

2 21	12 37.89	− 0 58.8	2.444	3.283	10.6	22.5
3 2	12 32.04	− 0 24.1	2.360	3.280	7.6	22.3
3 12	12 24.62	+ 0 18.3	2.303	3.276	4.3	22.1
3 22	12 16.22	+ 1 4.7	2.276	3.271	1.0	21.8
4 1	12 7.58	+ 1 50.2	2.279	3.266	3.3	22.0
4 11	11 59.51	+ 2 30.1	2.311	3.260	6.8	22.2
4 21	11 52.66	+ 3 0.6	2.371	3.253	10.0	22.4
5 1	11 47.54	+ 3 19.4	2.454	3.245	12.7	22.6

64962 2001 YR_{139} 3 24.3 320.°53 4.°7/19.3 18

2 21	12 32.17	+ 5 33.8	1.570	2.450	13.2	18.8
3 2	12 28.63	+ 7 19.4	1.499	2.438	9.5	18.5
3 12	12 22.97	+ 9 13.9	1.452	2.427	5.9	18.3
3 22	12 15.92	+11 6.7	1.432	2.416	4.9	18.2
4 1	12 8.51	+12 46.6	1.439	2.405	7.9	18.4
4 11	12 1.87	+14 4.2	1.471	2.395	11.8	18.6
4 21	11 56.91	+14 54.4	1.525	2.386	15.6	18.8
5 1	11 54.27	+15 16.1	1.597	2.376	18.9	19.0

120221 2004 FJ_{18} 3 24.3 295.°72 4.°6/19.2 17

2 21	12 35.44	+10 22.8	2.123	2.990	10.8	19.4
3 2	12 30.60	+11 20.1	2.036	2.966	8.0	19.2
3 12	12 23.96	+12 18.5	1.975	2.942	5.4	19.0
3 22	12 16.11	+13 11.5	1.941	2.918	4.8	18.9
4 1	12 7.89	+13 52.5	1.936	2.894	6.9	19.0
4 11	12 0.21	+14 16.5	1.956	2.870	10.0	19.1
4 21	11 53.87	+14 21.2	2.001	2.845	13.1	19.2
5 1	11 49.45	+14 6.2	2.066	2.821	15.9	19.4

184407 2005 MF_{22} 3 24.3 23.°84 2.°5/26.3 18

2 21	12 36.53	− 9 0.2	1.382	2.228	16.8	19.7
3 2	12 31.94	− 8 58.0	1.317	2.233	12.7	19.5
3 12	12 24.90	− 8 35.8	1.274	2.239	8.0	19.2
3 22	12 16.30	− 7 56.7	1.254	2.245	3.4	19.0
4 1	12 7.40	− 7 7.0	1.260	2.253	4.0	19.0
4 11	11 59.53	− 6 15.1	1.292	2.261	8.6	19.3
4 21	11 53.71	− 5 29.1	1.347	2.269	13.1	19.6
5 1	11 50.59	− 4 55.1	1.422	2.278	17.0	19.9

75006 1999 TX_{308} 3 24.3 112.°89 0.°2/24.1 18

2 21	12 39.86	− 3 36.2	1.799	2.642	13.6	20.2
3 2	12 33.71	− 2 56.8	1.741	2.661	9.8	20.0
3 12	12 25.61	− 2 5.4	1.708	2.680	5.5	19.8
3 22	12 16.41	− 1 7.2	1.702	2.698	1.0	19.5
4 1	12 7.12	− 0 9.0	1.725	2.716	3.6	19.7
4 11	11 58.78	+ 0 42.6	1.777	2.732	7.8	20.0
4 21	11 52.18	+ 1 22.6	1.854	2.749	11.6	20.2
5 1	11 47.81	+ 1 47.8	1.952	2.764	14.8	20.5

219755 2001 YR_{26} 3 24.3 188.°50 0.°8/23.4 17

2 21	12 37.60	− 1 12.7	2.397	3.237	10.8	22.1
3 2	12 31.84	− 0 34.9	2.316	3.236	7.7	21.9
3 12	12 24.51	+ 0 11.2	2.262	3.235	4.3	21.7
3 22	12 16.21	+ 1 1.3	2.237	3.232	1.0	21.4
4 1	12 7.69	+ 1 50.6	2.242	3.230	3.3	21.6
4 11	11 59.75	+ 2 34.0	2.277	3.226	6.8	21.8
4 21	11 53.06	+ 3 7.7	2.339	3.222	10.0	22.0
5 1	11 48.11	+ 3 29.2	2.424	3.217	12.8	22.2

104063 2000 EX_{18} 3 24.3 126.°24 2.°1/22.5 18

2 21	12 40.31	+ 0 28.5	1.554	2.413	14.5	19.8
3 2	12 34.31	+ 1 29.8	1.497	2.426	10.4	19.6
3 12	12 26.07	+ 2 41.3	1.464	2.439	5.7	19.3
3 22	12 16.51	+ 3 55.4	1.457	2.451	2.1	19.1
4 1	12 6.80	+ 5 3.3	1.479	2.463	5.2	19.3
4 11	11 58.17	+ 5 57.2	1.527	2.474	9.7	19.6
4 21	11 51.50	+ 6 32.6	1.600	2.484	13.7	19.9
5 1	11 47.35	+ 6 47.8	1.692	2.494	17.1	20.1

203364 2001 VQ_{124} 3 24.3 58.°27 3.°2/22.0 18

2 21	12 39.84	+ 3 23.2	1.278	2.152	16.0	20.4
3 2	12 34.33	+ 4 9.6	1.226	2.163	11.4	20.1
3 12	12 26.21	+ 5 3.5	1.197	2.174	6.5	19.9
3 22	12 16.54	+ 5 56.3	1.193	2.185	3.2	19.7
4 1	12 6.73	+ 6 39.2	1.214	2.196	6.4	19.9
4 11	11 58.19	+ 7 5.0	1.260	2.208	11.2	20.2
4 21	11 51.94	+ 7 10.4	1.328	2.219	15.5	20.5
5 1	11 48.55	+ 6 55.2	1.414	2.231	19.1	20.8

85105 2433 $T\text{-}_3$ 3 24.3 238.°01 2.°7/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.50	−13 18.8	2.073	2.880	13.4	20.1
3 2	12 30.70	−12 41.6	1.975	2.867	10.4	19.8
3 12	12 24.04	−11 43.8	1.901	2.854	6.9	19.6
3 22	12 16.14	−10 28.1	1.854	2.840	3.6	19.3
4 1	12 7.87	− 8 59.7	1.836	2.826	3.4	19.3
4 11	12 0.16	− 7 26.4	1.846	2.811	6.8	19.5
4 21	11 53.84	− 5 56.1	1.884	2.796	10.6	19.7
5 1	11 49.51	− 4 36.0	1.946	2.780	13.9	19.9

355823 2008 TS_{110} 3 24.3 114.°24 1.°1/25.1 18

2 21	12 42.94	− 5 19.8	1.484	2.327	16.0	21.2
3 2	12 36.40	− 5 17.9	1.420	2.338	11.8	20.9
3 12	12 27.36	− 5 1.3	1.379	2.348	7.0	20.7
3 22	12 16.77	− 4 33.5	1.363	2.358	2.0	20.4
4 1	12 5.94	− 4 0.2	1.375	2.367	3.8	20.5
4 11	11 56.23	− 3 28.4	1.414	2.377	8.7	20.8
4 21	11 48.65	− 3 4.1	1.477	2.386	13.1	21.1
5 1	11 43.85	− 2 51.4	1.561	2.394	16.9	21.4

456957 2008 AR_{65} 3 24.3 101.°52 0.°9/25.2 18

2 21	12 39.46	− 6 24.9	1.739	2.576	14.3	22.0
3 2	12 33.50	− 5 56.8	1.680	2.595	10.5	21.8
3 12	12 25.53	− 5 13.8	1.645	2.613	6.2	21.5
3 22	12 16.41	− 4 20.6	1.637	2.632	1.7	21.3
4 1	12 7.18	− 3 23.6	1.657	2.649	3.3	21.4
4 11	11 58.92	− 2 29.7	1.705	2.667	7.6	21.7
4 21	11 52.44	− 1 44.9	1.779	2.683	11.5	22.0
5 1	11 48.24	− 1 13.2	1.875	2.700	14.8	22.2

46011 2001 CM_{19} 3 24.3 336.°76 1.°9/22.4 18

2 21	12 34.50	+ 0 38.7	1.832	2.693	12.6	19.3
3 2	12 29.99	+ 1 33.1	1.760	2.691	9.0	19.1
3 12	12 23.62	+ 2 36.9	1.713	2.689	5.0	18.8
3 22	12 16.06	+ 3 43.9	1.693	2.687	1.9	18.6
4 1	12 8.26	+ 4 46.8	1.701	2.685	4.6	18.8
4 11	12 1.19	+ 5 38.8	1.736	2.684	8.7	19.0
4 21	11 55.64	+ 6 15.4	1.796	2.682	12.4	19.3
5 1	11 52.16	+ 6 34.0	1.877	2.681	15.5	19.5

225585 2000 WT_{47} 3 24.3 128.°60 7.°2/16.7 18

2 21	12 39.14	+18 29.7	2.006	2.867	11.6	20.2
3 2	12 33.12	+19 40.3	1.958	2.874	9.2	20.1
3 12	12 25.27	+20 42.9	1.936	2.881	7.5	20.0
3 22	12 16.36	+21 30.0	1.941	2.888	7.5	20.0
4 1	12 7.37	+21 55.8	1.973	2.894	9.3	20.1
4 11	11 59.28	+21 57.6	2.030	2.901	11.7	20.3
4 21	11 52.83	+21 36.0	2.109	2.907	14.2	20.4
5 1	11 48.49	+20 53.7	2.206	2.913	16.3	20.6

491587 2012 SD_{19} 3 24.3 115.°56 1.°7/26.6 17

2 21	12 33.97	−10 24.6	2.522	3.334	11.2	21.7
3 2	12 29.13	− 9 53.5	2.449	3.347	8.4	21.5
3 12	12 22.92	− 9 8.8	2.402	3.360	5.3	21.4
3 22	12 15.91	− 8 13.6	2.383	3.372	2.4	21.2
4 1	12 8.79	− 7 12.1	2.394	3.385	2.6	21.2
4 11	12 2.24	− 6 9.7	2.434	3.397	5.5	21.4
4 21	11 56.85	− 5 11.5	2.502	3.409	8.5	21.6
5 1	11 53.03	− 4 21.5	2.594	3.420	11.1	21.8

277604 2006 AD_{66} 3 24.3 64.°71 1.°0/23.3 18

2 21	12 34.19	− 2 39.0	1.775	2.630	13.2	20.7
3 2	12 29.70	− 1 33.5	1.716	2.644	9.4	20.5
3 12	12 23.39	− 0 15.6	1.682	2.657	5.2	20.3
3 22	12 16.01	+ 1 7.8	1.675	2.671	1.2	20.0
4 1	12 8.51	+ 2 28.8	1.697	2.684	4.1	20.3
4 11	12 1.84	+ 3 39.6	1.745	2.698	8.2	20.5
4 21	11 56.75	+ 4 34.9	1.819	2.712	11.9	20.8
5 1	11 53.72	+ 5 11.6	1.914	2.726	15.0	21.0

129767 1999 GT_{53} 3 24.3 299.°41 4.°8/27.7 17

2 21	12 37.20	−13 22.9	1.407	2.234	17.6	19.6
3 2	12 32.91	−13 39.1	1.309	2.210	14.0	19.3
3 12	12 25.80	−13 31.6	1.231	2.185	9.8	19.0
3 22	12 16.58	−12 59.9	1.177	2.160	5.8	18.7
4 1	12 6.47	−12 7.1	1.147	2.135	5.4	18.6
4 11	11 56.98	−11 1.2	1.142	2.111	9.5	18.7
4 21	11 49.48	− 9 52.3	1.160	2.087	14.4	18.9
5 1	11 44.95	− 8 50.6	1.198	2.063	18.9	19.1

68415 2001 QG_{220} 3 24.3 268.°00 8.°5/ 1.4 18

2 21	12 37.49	−25 43.8	1.889	2.631	16.9	19.3
3 2	12 32.56	−26 21.4	1.793	2.619	14.5	19.1
3 12	12 25.32	−26 32.8	1.717	2.608	11.9	18.9
3 22	12 16.46	−26 15.0	1.662	2.596	9.6	18.7
4 1	12 7.02	−25 28.5	1.633	2.584	8.5	18.6
4 11	11 58.20	−24 18.2	1.629	2.573	9.5	18.6
4 21	11 51.06	−22 52.6	1.650	2.561	11.9	18.7
5 1	11 46.37	−21 21.8	1.694	2.549	14.7	18.9

156448 2002 AU_{180} 3 24.3 9.°48 6.°7/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.14	+13 32.3	1.271	2.150	15.8	18.8
3 2	12 36.08	+13 49.1	1.219	2.152	11.8	18.6
3 12	12 27.25	+13 58.9	1.188	2.156	8.1	18.4
3 22	12 16.79	+13 53.9	1.182	2.160	6.8	18.3
4 1	12 6.20	+13 27.9	1.200	2.166	9.1	18.5
4 11	11 56.97	+12 39.2	1.242	2.173	13.0	18.7
4 21	11 50.18	+11 29.6	1.306	2.181	16.8	19.0
5 1	11 46.41	+10 3.0	1.388	2.190	20.1	19.2

327845 2006 WC_{194} 3 24.4 137.°99 0.°4/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.44	− 3 21.3	1.976	2.818	12.6	21.5
3 2	12 31.94	− 2 36.2	1.908	2.828	9.1	21.3
3 12	12 24.65	− 1 39.6	1.866	2.838	5.1	21.0
3 22	12 16.29	− 0 36.5	1.851	2.847	0.9	20.8
4 1	12 7.77	+ 0 26.6	1.866	2.855	3.5	21.0
4 11	12 0.02	+ 1 23.3	1.909	2.864	7.5	21.2
4 21	11 53.79	+ 2 8.6	1.978	2.871	11.1	21.5
5 1	11 49.57	+ 2 39.4	2.069	2.878	14.1	21.7

416319 2003 SX_{129} 3 24.4 231.°55 0.°3/24.0 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.10	− 3 53.4	2.002	2.841	12.6	22.4
3 2	12 32.63	− 3 3.5	1.909	2.827	9.2	22.2
3 12	12 25.19	− 1 59.9	1.841	2.812	5.2	21.9
3 22	12 16.43	− 0 47.2	1.801	2.796	1.0	21.6
4 1	12 7.25	+ 0 27.7	1.790	2.780	3.6	21.7
4 11	11 58.67	+ 1 37.6	1.809	2.762	7.9	22.0
4 21	11 51.53	+ 2 36.2	1.853	2.744	11.8	22.2
5 1	11 46.47	+ 3 19.2	1.920	2.725	15.2	22.3

506064 2015 MG_{20} 3 24.4 227.°09 5.°0/18.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.52	+14 54.1	2.507	3.365	9.7	21.4
3 2	12 31.74	+15 35.9	2.440	3.361	7.4	21.2
3 12	12 24.45	+16 13.8	2.400	3.356	5.5	21.1
3 22	12 16.26	+16 42.4	2.388	3.352	5.1	21.0
4 1	12 7.91	+16 57.4	2.405	3.347	6.7	21.1
4 11	12 0.19	+16 56.2	2.449	3.343	9.1	21.3
4 21	11 53.72	+16 38.2	2.518	3.338	11.5	21.4
5 1	11 48.97	+16 4.3	2.608	3.333	13.6	21.6

195545 2002 JG_{60} 3 24.4 287.°78 2.°8/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.89	+ 4 20.9	1.892	2.754	12.2	19.9
3 2	12 31.69	+ 5 2.5	1.820	2.751	8.7	19.7
3 12	12 24.59	+ 5 49.2	1.773	2.748	5.0	19.5
3 22	12 16.30	+ 6 35.0	1.754	2.745	2.8	19.3
4 1	12 7.76	+ 7 13.7	1.763	2.742	5.3	19.5
4 11	11 59.96	+ 7 39.9	1.799	2.739	9.0	19.7
4 21	11 53.71	+ 7 50.6	1.859	2.736	12.5	19.9
5 1	11 49.55	+ 7 44.6	1.941	2.733	15.5	20.1

326446 2001 VK_{63} 3 24.4 136.°65 1.°4/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.93	− 8 33.2	2.339	3.155	11.8	21.8
3 2	12 32.05	− 8 6.2	2.268	3.170	8.8	21.6
3 12	12 24.63	− 7 26.1	2.223	3.184	5.4	21.4
3 22	12 16.29	− 6 36.1	2.206	3.198	2.0	21.2
4 1	12 7.83	− 5 40.8	2.220	3.211	2.7	21.2
4 11	12 0.05	− 4 45.7	2.263	3.224	6.1	21.5
4 21	11 53.59	− 3 55.8	2.334	3.235	9.3	21.7
5 1	11 48.92	− 3 15.1	2.429	3.246	12.0	21.9

110085 2001 SE_{117} 3 24.4 54.°14 4.°5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.29	−14 40.1	1.577	2.391	16.6	19.5
3 2	12 32.30	−14 46.4	1.511	2.402	13.0	19.3
3 12	12 25.05	−14 29.6	1.465	2.413	9.1	19.1
3 22	12 16.39	−13 51.2	1.444	2.424	5.5	18.9
4 1	12 7.49	−12 56.1	1.450	2.436	4.9	18.9
4 11	11 59.54	−11 52.3	1.481	2.448	8.0	19.1
4 21	11 53.48	−10 48.4	1.537	2.460	11.8	19.3
5 1	11 49.91	− 9 52.1	1.615	2.472	15.3	19.5

520053 2013 VF_{30} 3 24.4 268.°68 2.°1/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.88	− 9 46.1	1.948	2.772	13.5	21.4
3 2	12 31.09	− 9 29.9	1.855	2.760	10.3	21.2
3 12	12 24.34	− 8 56.8	1.786	2.747	6.6	21.0
3 22	12 16.27	− 8 9.3	1.744	2.734	2.9	20.7
4 1	12 7.80	− 7 12.2	1.729	2.721	3.3	20.7
4 11	11 59.93	− 6 12.1	1.743	2.708	7.1	20.9
4 21	11 53.50	− 5 15.7	1.782	2.694	11.0	21.1
5 1	11 49.17	− 4 28.7	1.844	2.681	14.5	21.3

433145 2012 TD_{235} 3 24.4 44.°24 1.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.62	− 0 50.5	1.946	2.804	12.1	20.5
3 2	12 28.50	+ 0 17.3	1.883	2.812	8.6	20.3
3 12	12 22.71	+ 1 35.2	1.845	2.820	4.7	20.1
3 22	12 15.93	+ 2 56.7	1.835	2.829	1.5	19.9
4 1	12 9.01	+ 4 14.5	1.853	2.838	4.2	20.1
4 11	12 2.80	+ 5 21.7	1.899	2.847	8.0	20.3
4 21	11 57.99	+ 6 13.3	1.970	2.856	11.5	20.6
5 1	11 55.06	+ 6 47.0	2.063	2.866	14.4	20.8

385042 2012 TO_{313} 3 24.4 82.°88 2.°6/21.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.59	+ 6 1.9	2.240	3.093	10.9	21.0
3 2	12 33.18	+ 6 23.8	2.187	3.113	7.8	20.8
3 12	12 25.21	+ 6 47.3	2.161	3.133	4.5	20.6
3 22	12 16.40	+ 7 7.9	2.164	3.153	2.6	20.5
4 1	12 7.57	+ 7 21.6	2.196	3.173	4.6	20.7
4 11	11 59.55	+ 7 25.1	2.257	3.192	7.7	20.9
4 21	11 52.97	+ 7 17.0	2.344	3.212	10.6	21.2
5 1	11 48.25	+ 6 56.9	2.454	3.231	13.1	21.4

455607 2004 TA_{148} 3 24.4 181.°38 0.°1/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.57	− 3 1.6	1.823	2.663	13.6	22.4
3 2	12 35.16	− 2 39.4	1.746	2.665	9.9	22.2
3 12	12 26.61	− 2 5.8	1.694	2.665	5.7	21.9
3 22	12 16.71	− 1 25.0	1.670	2.665	1.1	21.6
4 1	12 6.50	− 0 42.7	1.674	2.665	3.6	21.8
4 11	11 57.11	− 0 5.0	1.707	2.663	8.1	22.1
4 21	11 49.45	+ 0 23.0	1.766	2.661	12.1	22.3
5 1	11 44.12	+ 0 38.0	1.846	2.658	15.5	22.5

212022 2005 CY_{15} 3 24.4 55.°48 0.°2/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.85	− 4 41.8	1.327	2.186	16.5	20.7
3 2	12 32.85	− 4 7.3	1.273	2.200	12.0	20.5
3 12	12 25.39	− 3 15.9	1.241	2.214	6.9	20.2
3 22	12 16.47	− 2 14.0	1.233	2.229	1.4	19.9
4 1	12 7.40	− 1 10.4	1.252	2.244	4.1	20.1
4 11	11 59.51	− 0 14.0	1.296	2.259	9.3	20.5
4 21	11 53.76	+ 0 28.4	1.363	2.275	13.8	20.7
5 1	11 50.73	+ 0 52.8	1.450	2.290	17.6	21.0

46604 1993 FH_{56} 3 24.4 57.°78 2.°9/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.51	+ 4 16.1	1.828	2.692	12.4	19.9
3 2	12 31.43	+ 5 6.1	1.762	2.694	8.9	19.7
3 12	12 24.44	+ 6 1.4	1.722	2.696	5.1	19.5
3 22	12 16.29	+ 6 55.7	1.708	2.698	2.9	19.3
4 1	12 7.93	+ 7 42.0	1.722	2.700	5.5	19.5
4 11	12 0.36	+ 8 14.8	1.764	2.702	9.2	19.7
4 21	11 54.39	+ 8 30.8	1.829	2.705	12.7	19.9
5 1	11 50.54	+ 8 28.9	1.915	2.707	15.7	20.1

221258 2005 UJ_{292} 3 24.4 254.°42 0.°3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.37	− 4 19.2	1.828	2.672	13.4	20.7
3 2	12 32.17	− 3 57.9	1.747	2.666	9.8	20.5
3 12	12 24.94	− 3 23.9	1.690	2.661	5.7	20.2
3 22	12 16.40	− 2 41.0	1.660	2.655	1.3	19.9
4 1	12 7.51	− 1 54.9	1.658	2.650	3.4	20.0
4 11	11 59.34	− 1 12.0	1.684	2.644	7.8	20.3
4 21	11 52.76	− 0 37.7	1.735	2.638	11.8	20.5
5 1	11 48.38	− 0 16.1	1.807	2.632	15.2	20.7

11307 Erikolsson 3 24.4 124.°61 0.°8/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.84	− 1 17.1	1.749	2.599	13.6	17.4
3 2	12 33.87	− 0 48.6	1.684	2.608	9.8	17.2
3 12	12 25.83	− 0 10.0	1.643	2.616	5.5	16.9
3 22	12 16.56	+ 0 33.4	1.629	2.625	1.1	16.6
4 1	12 7.10	+ 1 15.7	1.644	2.633	4.0	16.8
4 11	11 58.54	+ 1 50.5	1.687	2.641	8.3	17.1
4 21	11 51.74	+ 2 13.7	1.754	2.648	12.2	17.4
5 1	11 47.24	+ 2 22.5	1.843	2.656	15.5	17.6

242809 2006 BE_{121} 3 24.4 304.°99 1.°8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.23	− 1 37.8	1.353	2.222	15.6	20.5
3 2	12 31.16	− 0 27.1	1.281	2.215	11.3	20.3
3 12	12 24.58	+ 1 0.7	1.231	2.208	6.3	20.0
3 22	12 16.35	+ 2 37.1	1.206	2.201	1.9	19.6
4 1	12 7.69	+ 4 10.9	1.208	2.194	5.5	19.9
4 11	11 59.96	+ 5 30.9	1.234	2.188	10.7	20.1
4 21	11 54.23	+ 6 29.4	1.283	2.182	15.5	20.4
5 1	11 51.22	+ 7 2.6	1.351	2.176	19.4	20.6

142124 2002 RP_{9} 3 24.4 299.°33 1.°2/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.83	− 1 44.8	1.461	2.325	15.0	20.0
3 2	12 31.65	− 0 58.6	1.371	2.302	10.9	19.7
3 12	12 24.94	+ 0 3.5	1.303	2.279	6.2	19.3
3 22	12 16.45	+ 1 15.2	1.261	2.256	1.4	19.0
4 1	12 7.30	+ 2 27.9	1.245	2.234	5.0	19.1
4 11	11 58.85	+ 3 31.6	1.254	2.211	10.3	19.4
4 21	11 52.25	+ 4 18.8	1.287	2.189	15.1	19.6
5 1	11 48.34	+ 4 44.7	1.338	2.167	19.4	19.8

212579 2006 SG_{124} 3 24.4 169.°77 3.°2/19.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.40	+ 7 41.6	2.748	3.607	8.9	20.9
3 2	12 28.68	+ 8 49.8	2.682	3.610	6.4	20.7
3 12	12 22.69	+ 9 59.8	2.644	3.613	4.0	20.6
3 22	12 15.95	+11 6.5	2.635	3.615	3.3	20.5
4 1	12 9.07	+12 4.6	2.656	3.617	5.0	20.6
4 11	12 2.70	+12 50.1	2.705	3.619	7.6	20.8
4 21	11 57.36	+13 20.8	2.781	3.620	10.0	21.0
5 1	11 53.46	+13 35.7	2.878	3.621	12.1	21.1

356803 2011 UH_{336} 3 24.4 233.°79 4.°3/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.98	−14 40.7	1.673	2.481	16.1	21.6
3 2	12 33.69	−14 36.4	1.582	2.471	12.7	21.3
3 12	12 25.99	−14 8.8	1.513	2.461	8.9	21.1
3 22	12 16.64	−13 18.8	1.469	2.450	5.2	20.8
4 1	12 6.75	−12 10.7	1.452	2.439	4.7	20.8
4 11	11 57.59	−10 52.7	1.462	2.427	8.2	20.9
4 21	11 50.22	− 9 34.1	1.497	2.415	12.3	21.1
5 1	11 45.41	− 8 23.5	1.554	2.402	16.2	21.3

503230 2015 HC_{103} 3 24.4 168.°94 8.°0/11.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.94	+31 58.8	3.084	3.898	9.3	21.4
3 2	12 33.27	+32 56.6	3.046	3.901	8.3	21.4
3 12	12 25.23	+33 40.9	3.034	3.905	8.0	21.3
3 22	12 16.43	+34 6.8	3.048	3.908	8.4	21.4
4 1	12 7.61	+34 11.5	3.088	3.910	9.4	21.4
4 11	11 59.48	+33 54.1	3.151	3.912	10.7	21.5
4 21	11 52.63	+33 16.3	3.236	3.914	12.0	21.6
5 1	11 47.44	+32 20.8	3.338	3.915	13.1	21.7

328321 2008 JN_{10} 3 24.4 299.°46 1.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.58	− 1 53.2	1.589	2.451	14.1	21.4
3 2	12 30.58	− 0 56.2	1.496	2.426	10.3	21.1
3 12	12 24.27	+ 0 16.9	1.425	2.401	5.8	20.7
3 22	12 16.32	+ 1 39.7	1.381	2.376	1.5	20.4
4 1	12 7.79	+ 3 3.4	1.364	2.352	4.8	20.5
4 11	11 59.88	+ 4 18.3	1.373	2.327	9.8	20.8
4 21	11 53.64	+ 5 16.6	1.405	2.303	14.4	21.0
5 1	11 49.86	+ 5 53.6	1.457	2.279	18.4	21.2

277795 2006 EJ_{35} 3 24.4 139.°36 0.°4/24.8 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.61	− 3 43.2	2.178	3.011	11.9	20.9
3 2	12 33.41	− 3 38.5	2.104	3.018	8.7	20.7
3 12	12 25.49	− 3 24.5	2.056	3.025	5.1	20.5
3 22	12 16.51	− 3 4.1	2.036	3.031	1.2	20.2
4 1	12 7.34	− 2 41.3	2.046	3.037	2.9	20.4
4 11	11 58.87	− 2 20.3	2.085	3.043	6.7	20.6
4 21	11 51.83	− 2 5.0	2.151	3.049	10.1	20.8
5 1	11 46.73	− 1 58.2	2.240	3.054	13.0	21.0

244193 2001 YJ_{24} 3 24.4 142.°94 3.°1/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.41	−11 41.1	1.688	2.506	15.5	20.8
3 2	12 34.46	−11 31.9	1.616	2.514	11.9	20.6
3 12	12 26.27	−11 2.7	1.567	2.523	7.8	20.3
3 22	12 16.67	−10 16.0	1.543	2.530	3.9	20.1
4 1	12 6.81	− 9 17.1	1.547	2.537	3.9	20.1
4 11	11 57.85	− 8 13.9	1.579	2.544	7.7	20.4
4 21	11 50.75	− 7 14.0	1.636	2.550	11.8	20.6
5 1	11 46.12	− 6 24.0	1.716	2.555	15.3	20.9

370736 2004 RQ_{124} 3 24.4 126.°67 0.°7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.35	− 6 20.5	2.120	2.952	12.3	22.1
3 2	12 31.08	− 5 44.1	2.051	2.963	9.0	21.9
3 12	12 24.16	− 4 54.8	2.006	2.974	5.3	21.7
3 22	12 16.25	− 3 56.7	1.990	2.984	1.4	21.5
4 1	12 8.20	− 2 55.3	2.003	2.995	2.9	21.6
4 11	12 0.85	− 1 56.8	2.045	3.004	6.7	21.8
4 21	11 54.89	− 1 6.3	2.113	3.014	10.1	22.1
5 1	11 50.81	− 0 27.8	2.204	3.023	13.1	22.3

371038 2005 UC_{153} 3 24.4 296.°96 2.°1/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.47	− 9 15.3	1.710	2.545	14.6	21.1
3 2	12 31.00	− 8 56.3	1.624	2.534	11.1	20.9
3 12	12 24.39	− 8 18.9	1.561	2.524	7.0	20.6
3 22	12 16.34	− 7 25.8	1.523	2.514	2.9	20.3
4 1	12 7.86	− 6 22.9	1.512	2.504	3.5	20.3
4 11	12 0.08	− 5 17.9	1.528	2.494	7.8	20.6
4 21	11 53.93	− 4 18.4	1.569	2.485	12.0	20.8
5 1	11 50.10	− 3 30.7	1.632	2.475	15.8	21.0

290937 2005 WV_{145} 3 24.4 169.°10 0.°4/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.23	− 5 1.4	2.072	2.908	12.4	21.6
3 2	12 31.82	− 4 33.3	1.995	2.910	9.1	21.4
3 12	12 24.64	− 3 53.1	1.943	2.913	5.3	21.2
3 22	12 16.36	− 3 4.7	1.919	2.915	1.2	20.9
4 1	12 7.85	− 2 13.3	1.925	2.916	3.0	21.1
4 11	12 0.02	− 1 24.9	1.959	2.917	7.0	21.3
4 21	11 53.62	− 0 44.4	2.019	2.918	10.6	21.5
5 1	11 49.18	− 0 15.5	2.101	2.919	13.7	21.7

30292 2000 HJ_{72} 3 24.4 141.°88 1.°8/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.44	+ 0 20.2	1.607	2.464	14.2	19.7
3 2	12 34.46	+ 1 10.2	1.544	2.473	10.2	19.5
3 12	12 26.24	+ 2 10.4	1.506	2.481	5.7	19.2
3 22	12 16.68	+ 3 13.8	1.494	2.488	1.9	19.0
4 1	12 6.91	+ 4 12.5	1.510	2.495	4.9	19.2
4 11	11 58.14	+ 4 59.2	1.553	2.502	9.4	19.5
4 21	11 51.27	+ 5 29.3	1.621	2.508	13.4	19.7
5 1	11 46.88	+ 5 40.9	1.709	2.513	16.8	20.0

365569 2010 TQ_{90} 3 24.4 257.°00 1.°2/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.97	− 1 31.6	1.786	2.638	13.3	21.5
3 2	12 32.79	− 0 42.7	1.694	2.619	9.7	21.3
3 12	12 25.43	+ 0 19.3	1.626	2.600	5.4	21.0
3 22	12 16.56	+ 1 28.8	1.585	2.580	1.3	20.6
4 1	12 7.17	+ 2 38.3	1.572	2.560	4.4	20.8
4 11	11 58.41	+ 3 39.9	1.587	2.539	9.0	21.0
4 21	11 51.24	+ 4 27.3	1.627	2.517	13.2	21.2
5 1	11 46.38	+ 4 56.7	1.688	2.496	16.9	21.4

234223 2000 SR_{142} 3 24.4 134.°16 5.°2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.33	−25 33.7	2.813	3.533	12.3	20.3
3 2	12 28.71	−25 7.9	2.725	3.542	10.4	20.2
3 12	12 22.75	−24 21.0	2.659	3.551	8.2	20.0
3 22	12 15.99	−23 13.8	2.619	3.559	6.2	19.9
4 1	12 9.10	−21 49.3	2.608	3.567	5.2	19.9
4 11	12 2.76	−20 13.0	2.626	3.575	6.0	19.9
4 21	11 57.54	−18 31.4	2.672	3.583	7.9	20.1
5 1	11 53.84	−16 51.1	2.745	3.590	10.0	20.2

154267 2002 RK_{107} 3 24.4 141.°78 3.°6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.81	−16 20.6	2.117	2.905	13.8	19.6
3 2	12 31.49	−15 49.6	2.039	2.916	10.9	19.5
3 12	12 24.44	−14 57.6	1.985	2.927	7.6	19.3
3 22	12 16.33	−13 47.1	1.958	2.937	4.5	19.1
4 1	12 8.04	−12 23.1	1.960	2.946	3.9	19.1
4 11	12 0.47	−10 53.2	1.991	2.955	6.5	19.2
4 21	11 54.36	− 9 24.9	2.049	2.963	9.7	19.5
5 1	11 50.21	− 8 5.0	2.131	2.970	12.7	19.7

82805 2001 QO_{30} 3 24.4 91.°33 4.°3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.93	+12 8.8	2.312	3.168	10.5	18.0
3 2	12 33.43	+12 38.5	2.259	3.183	7.7	17.8
3 12	12 25.39	+13 5.1	2.233	3.197	5.2	17.7
3 22	12 16.50	+13 23.7	2.236	3.211	4.4	17.7
4 1	12 7.57	+13 30.3	2.267	3.225	6.1	17.8
4 11	11 59.44	+13 22.6	2.327	3.239	8.7	18.0
4 21	11 52.74	+13 0.1	2.412	3.252	11.3	18.2
5 1	11 47.90	+12 23.8	2.518	3.266	13.5	18.4

498193 2007 TO_{322} 3 24.4 169.°44 0.°1/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.58	− 4 56.8	2.427	3.262	10.8	21.8
3 2	12 28.98	− 4 5.6	2.348	3.264	7.8	21.6
3 12	12 22.95	− 3 3.0	2.296	3.266	4.5	21.4
3 22	12 16.04	− 1 53.3	2.273	3.268	0.9	21.1
4 1	12 8.95	− 0 42.0	2.279	3.270	2.8	21.3
4 11	12 2.42	+ 0 25.1	2.315	3.271	6.3	21.5
4 21	11 57.04	+ 1 23.2	2.378	3.272	9.5	21.7
5 1	11 53.26	+ 2 8.9	2.464	3.272	12.2	21.9

172444 2003 QN_{55} 3 24.4 204.°79 1.°6/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.41	+ 0 35.3	2.021	2.869	12.1	21.2
3 2	12 33.49	+ 1 22.5	1.939	2.864	8.7	21.0
3 12	12 25.65	+ 2 18.4	1.884	2.858	4.9	20.8
3 22	12 16.58	+ 3 17.6	1.857	2.851	1.7	20.5
4 1	12 7.21	+ 4 13.8	1.859	2.843	4.3	20.7
4 11	11 58.51	+ 5 0.7	1.890	2.835	8.3	20.9
4 21	11 51.30	+ 5 34.0	1.947	2.826	11.9	21.1
5 1	11 46.17	+ 5 51.4	2.025	2.816	15.0	21.3

304044 2006 DK_{153} 3 24.4 40.°01 2.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.00	− 7 42.3	1.137	1.996	18.7	20.7
3 2	12 33.30	− 7 32.2	1.086	2.010	13.9	20.5
3 12	12 25.80	− 7 0.2	1.055	2.024	8.5	20.2
3 22	12 16.62	− 6 11.2	1.046	2.040	3.0	20.0
4 1	12 7.25	− 5 13.7	1.063	2.056	4.2	20.1
4 11	11 59.24	− 4 17.9	1.103	2.073	9.6	20.4
4 21	11 53.65	− 3 32.4	1.165	2.090	14.5	20.7
5 1	11 51.10	− 3 3.0	1.247	2.108	18.6	21.1

370471 2003 FV_{33} 3 24.4 48.°94 1.°6/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.75	− 1 3.3	1.470	2.335	14.8	20.6
3 2	12 31.13	− 0 5.8	1.419	2.351	10.6	20.4
3 12	12 24.35	+ 1 3.7	1.391	2.367	5.8	20.1
3 22	12 16.32	+ 2 17.4	1.389	2.384	1.6	19.9
4 1	12 8.19	+ 3 26.4	1.413	2.400	4.8	20.2
4 11	12 1.11	+ 4 22.6	1.464	2.418	9.4	20.5
4 21	11 55.92	+ 5 1.1	1.538	2.435	13.4	20.7
5 1	11 53.14	+ 5 19.5	1.632	2.453	16.8	21.0

428779 2008 SP_{226} 3 24.4 227.°19 2.°6/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.16	+ 4 5.7	2.146	3.004	11.1	21.8
3 2	12 31.04	+ 4 56.0	2.069	2.998	7.9	21.6
3 12	12 24.21	+ 5 51.6	2.018	2.992	4.6	21.4
3 22	12 16.31	+ 6 46.9	1.995	2.985	2.6	21.3
4 1	12 8.15	+ 7 35.9	2.001	2.979	4.9	21.4
4 11	12 0.62	+ 8 13.3	2.036	2.971	8.4	21.6
4 21	11 54.43	+ 8 35.8	2.095	2.964	11.6	21.8
5 1	11 50.12	+ 8 42.0	2.176	2.957	14.4	22.0

229973 1999 UX_{26} 3 24.4 104.°52 0.°3/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.04	− 2 0.2	2.193	3.032	11.7	20.9
3 2	12 32.88	− 1 38.1	2.134	3.052	8.4	20.7
3 12	12 25.13	− 1 7.7	2.100	3.072	4.7	20.6
3 22	12 16.46	− 0 33.1	2.095	3.091	0.9	20.3
4 1	12 7.73	+ 0 1.3	2.120	3.110	3.1	20.5
4 11	11 59.78	+ 0 30.8	2.175	3.128	6.8	20.8
4 21	11 53.26	+ 0 51.9	2.255	3.146	10.0	21.0
5 1	11 48.62	+ 1 2.3	2.359	3.164	12.7	21.2

472913 2015 GR_2 3 24.4 194.°33 5.°4/17.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.62	+17 9.9	2.728	3.583	9.1	21.7
3 2	12 31.03	+18 4.2	2.666	3.581	7.1	21.5
3 12	12 24.06	+18 53.5	2.632	3.579	5.6	21.4
3 22	12 16.27	+19 32.6	2.625	3.576	5.6	21.4
4 1	12 8.35	+19 57.2	2.648	3.574	7.0	21.5
4 11	12 1.00	+20 4.7	2.697	3.570	9.1	21.6
4 21	11 54.81	+19 54.8	2.770	3.567	11.2	21.8
5 1	11 50.20	+19 28.3	2.864	3.563	13.0	21.9

429469 2010 XW_{17} 3 24.4 129.°32 1.°2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.62	− 0 50.9	2.042	2.890	12.0	22.1
3 2	12 32.02	+ 0 0.9	1.980	2.904	8.6	21.9
3 12	12 24.71	+ 1 1.6	1.943	2.917	4.8	21.7
3 22	12 16.40	+ 2 5.8	1.934	2.929	1.3	21.4
4 1	12 7.97	+ 3 7.1	1.955	2.941	3.9	21.7
4 11	12 0.31	+ 3 59.4	2.004	2.952	7.6	21.9
4 21	11 54.13	+ 4 38.8	2.080	2.963	11.1	22.1
5 1	11 49.90	+ 5 2.8	2.177	2.974	13.9	22.4

522805 2016 NF_{80} 3 24.4 263.°51 4.°8/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.91	−18 51.2	2.403	3.174	12.9	22.0
3 2	12 30.17	−18 58.9	2.304	3.163	10.5	21.8
3 12	12 23.76	−18 48.0	2.228	3.152	7.9	21.6
3 22	12 16.25	−18 18.7	2.177	3.140	5.6	21.4
4 1	12 8.38	−17 33.1	2.154	3.129	4.9	21.4
4 11	12 0.99	−16 36.1	2.160	3.117	6.5	21.4
4 21	11 54.81	−15 33.5	2.192	3.106	9.2	21.6
5 1	11 50.40	−14 31.6	2.249	3.094	11.9	21.7

59199 1999 BH_6 3 24.4 282.°80 2.°3/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.69	− 0 19.9	1.442	2.310	14.9	18.5
3 2	12 31.46	+ 0 53.8	1.363	2.298	10.7	18.3
3 12	12 24.79	+ 2 23.0	1.308	2.285	6.0	17.9
3 22	12 16.47	+ 3 59.3	1.279	2.273	2.3	17.7
4 1	12 7.67	+ 5 31.9	1.276	2.260	5.8	17.9
4 11	11 59.69	+ 6 50.1	1.299	2.248	10.8	18.1
4 21	11 53.61	+ 7 46.6	1.344	2.236	15.4	18.3
5 1	11 50.16	+ 8 18.0	1.408	2.223	19.3	18.6

339518 2005 GW_{139} 3 24.4 309.°72 1.°4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.48	+ 0 10.1	2.043	2.898	11.7	21.3
3 2	12 29.89	+ 0 53.9	1.967	2.894	8.4	21.1
3 12	12 23.59	+ 1 46.2	1.916	2.891	4.7	20.8
3 22	12 16.21	+ 2 42.0	1.892	2.887	1.5	20.6
4 1	12 8.59	+ 3 35.3	1.898	2.884	4.0	20.8
4 11	12 1.60	+ 4 20.1	1.931	2.880	7.8	21.0
4 21	11 55.98	+ 4 52.2	1.989	2.877	11.3	21.2
5 1	11 52.25	+ 5 9.2	2.070	2.874	14.3	21.4

380139 1999 TS_{78} 3 24.4 161.°53 0.°2/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.05	− 3 27.9	2.604	3.437	10.2	22.7
3 2	12 30.64	− 2 47.9	2.528	3.444	7.4	22.5
3 12	12 23.86	− 1 58.9	2.480	3.450	4.2	22.3
3 22	12 16.25	− 1 4.6	2.460	3.456	0.8	22.1
4 1	12 8.49	− 0 9.8	2.471	3.461	2.7	22.2
4 11	12 1.28	+ 0 40.9	2.513	3.465	6.0	22.5
4 21	11 55.21	+ 1 23.5	2.581	3.469	9.0	22.7
5 1	11 50.70	+ 1 55.1	2.674	3.473	11.6	22.8

123372 2000 WA_{37} 3 24.4 139.°30 3.°8/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.66	−16 41.7	2.216	3.001	13.4	19.8
3 2	12 30.65	−16 19.8	2.136	3.010	10.6	19.6
3 12	12 23.98	−15 37.9	2.080	3.018	7.5	19.4
3 22	12 16.29	−14 38.0	2.050	3.026	4.7	19.3
4 1	12 8.40	−13 24.5	2.049	3.033	4.0	19.2
4 11	12 1.18	−12 4.1	2.077	3.040	6.3	19.4
4 21	11 55.32	−10 43.7	2.132	3.047	9.4	19.6
5 1	11 51.31	− 9 29.8	2.212	3.053	12.2	19.8

32400 2000 QK_{220} 3 24.4 234.°06 2.°6/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.08	+ 4 2.4	2.357	3.217	10.2	19.7
3 2	12 28.70	+ 5 10.5	2.282	3.213	7.2	19.5
3 12	12 22.84	+ 6 24.1	2.234	3.208	4.2	19.3
3 22	12 16.07	+ 7 37.4	2.215	3.204	2.7	19.1
4 1	12 9.09	+ 8 44.2	2.225	3.199	4.8	19.3
4 11	12 2.66	+ 9 39.2	2.263	3.194	7.9	19.5
4 21	11 57.39	+10 18.9	2.327	3.189	10.9	19.6
5 1	11 53.75	+10 41.5	2.413	3.184	13.4	19.8

340602 2006 QX_{43} 3 24.4 145.°55 1.°7/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.02	− 9 39.5	2.595	3.407	10.9	21.7
3 2	12 29.95	− 9 21.2	2.516	3.414	8.2	21.5
3 12	12 23.49	− 8 50.6	2.462	3.420	5.2	21.4
3 22	12 16.19	− 8 9.9	2.437	3.427	2.3	21.2
4 1	12 8.73	− 7 23.1	2.442	3.433	2.5	21.2
4 11	12 1.81	− 6 34.6	2.476	3.439	5.5	21.4
4 21	11 56.01	− 5 49.1	2.538	3.444	8.4	21.6
5 1	11 51.77	− 5 10.4	2.625	3.449	11.0	21.8

198076 2004 SF_4 3 24.4 2.°51 6.°7/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.25	−16 59.3	1.550	2.352	17.4	19.6
3 2	12 34.04	−17 55.8	1.473	2.351	14.2	19.4
3 12	12 26.29	−18 30.1	1.417	2.351	10.7	19.2
3 22	12 16.80	−18 40.4	1.384	2.351	7.6	19.0
4 1	12 6.79	−18 27.6	1.377	2.352	6.9	19.0
4 11	11 57.64	−17 57.4	1.395	2.354	9.2	19.1
4 21	11 50.46	−17 17.4	1.436	2.356	12.6	19.3
5 1	11 46.02	−16 36.2	1.499	2.359	16.0	19.5

316627 2011 WH_{100} 3 24.4 201.°93 4.°9/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.34	+ 8 52.9	1.781	2.646	12.7	21.3
3 2	12 34.36	+10 2.3	1.713	2.642	9.3	21.1
3 12	12 26.23	+11 13.9	1.669	2.638	6.0	20.9
3 22	12 16.76	+12 19.3	1.654	2.634	5.0	20.8
4 1	12 7.00	+13 10.6	1.666	2.628	7.4	20.9
4 11	11 58.07	+13 42.1	1.705	2.622	10.9	21.1
4 21	11 50.89	+13 51.5	1.767	2.616	14.4	21.3
5 1	11 46.05	+13 39.1	1.848	2.609	17.3	21.5

491130 2011 SE_{132} 3 24.4 248.°47 3.°5/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.94	+ 5 6.9	1.614	2.477	13.9	21.9
3 2	12 35.85	+ 5 49.8	1.532	2.462	10.1	21.6
3 12	12 27.27	+ 6 38.6	1.474	2.448	6.0	21.4
3 22	12 16.99	+ 7 26.2	1.442	2.432	3.5	21.2
4 1	12 6.21	+ 8 4.9	1.439	2.417	6.3	21.3
4 11	11 56.23	+ 8 27.9	1.462	2.400	10.7	21.5
4 21	11 48.14	+ 8 31.9	1.508	2.384	14.9	21.7
5 1	11 42.69	+ 8 15.9	1.574	2.366	18.5	21.9

500700 2012 VP_{111} 3 24.4 118.°21 0.°4/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.91	− 2 15.7	2.630	3.468	10.0	22.5
3 2	12 29.78	− 1 41.8	2.564	3.482	7.2	22.4
3 12	12 23.36	− 1 0.4	2.525	3.496	4.0	22.2
3 22	12 16.18	− 0 15.1	2.514	3.510	0.8	22.0
4 1	12 8.90	+ 0 29.9	2.534	3.523	2.7	22.1
4 11	12 2.20	+ 1 10.2	2.583	3.536	5.9	22.4
4 21	11 56.61	+ 1 42.6	2.660	3.548	8.8	22.6
5 1	11 52.52	+ 2 4.6	2.760	3.560	11.2	22.8

480894 2002 PO_7 3 24.4 239.°26 15.°0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.97	−28 59.6	1.269	2.011	23.6	21.3
3 2	12 41.68	−31 11.0	1.189	2.005	21.0	21.1
3 12	12 31.38	−32 51.4	1.126	1.998	18.3	20.9
3 22	12 17.93	−33 50.1	1.082	1.991	16.0	20.7
4 1	12 3.04	−33 59.7	1.058	1.984	15.0	20.6
4 11	11 49.03	−33 22.7	1.056	1.976	15.8	20.7
4 21	11 37.91	−32 10.2	1.074	1.968	18.2	20.8
5 1	11 31.02	−30 38.4	1.109	1.960	21.1	20.9

178665 2000 QF_{104} 3 24.4 160.°93 3.°2/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.46	+10 15.5	3.081	3.932	8.3	20.9
3 2	12 30.74	+10 53.1	3.016	3.939	6.0	20.7
3 12	12 23.85	+11 29.8	2.979	3.945	3.9	20.6
3 22	12 16.28	+12 1.9	2.973	3.950	3.2	20.6
4 1	12 8.61	+12 25.6	2.996	3.955	4.7	20.7
4 11	12 1.45	+12 38.4	3.049	3.960	6.9	20.8
4 21	11 55.30	+12 39.2	3.129	3.964	9.1	21.0
5 1	11 50.52	+12 27.8	3.231	3.967	11.0	21.1

282096 2000 SG_{26} 3 24.4 189.°02 1.°9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.08	−12 20.5	3.227	4.021	9.4	21.7
3 2	12 28.38	−11 47.4	3.134	4.019	7.2	21.5
3 12	12 22.55	−11 2.0	3.067	4.017	4.8	21.4
3 22	12 16.03	−10 6.4	3.030	4.015	2.4	21.2
4 1	12 9.35	− 9 4.0	3.023	4.012	2.3	21.2
4 11	12 3.07	− 7 59.0	3.047	4.009	4.6	21.3
4 21	11 57.65	− 6 55.6	3.099	4.005	7.1	21.5
5 1	11 53.50	− 5 57.9	3.178	4.000	9.4	21.6

425290 2009 WD_{211} 3 24.4 185.°30 2.°7/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.82	+ 3 58.9	2.080	2.938	11.4	21.7
3 2	12 31.53	+ 4 52.4	2.009	2.938	8.1	21.5
3 12	12 24.51	+ 5 51.3	1.964	2.938	4.7	21.3
3 22	12 16.43	+ 6 49.7	1.947	2.937	2.7	21.2
4 1	12 8.13	+ 7 41.2	1.959	2.936	5.0	21.3
4 11	12 0.51	+ 8 20.5	1.999	2.935	8.5	21.5
4 21	11 54.30	+ 8 44.4	2.064	2.933	11.8	21.7
5 1	11 50.02	+ 8 51.4	2.151	2.931	14.6	21.9

378882 2008 TB_{167} 3 24.4 225.°86 0.°6/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.66	− 2 21.3	2.024	2.872	12.1	21.5
3 2	12 30.77	− 1 43.6	1.947	2.870	8.8	21.2
3 12	12 24.12	− 0 55.3	1.894	2.867	4.9	21.0
3 22	12 16.36	− 0 1.1	1.869	2.864	0.9	20.7
4 1	12 8.33	+ 0 53.3	1.872	2.862	3.5	20.9
4 11	12 0.97	+ 1 41.8	1.904	2.859	7.5	21.1
4 21	11 55.00	+ 2 19.5	1.962	2.856	11.1	21.3
5 1	11 50.98	+ 2 43.4	2.041	2.853	14.2	21.5

424674 2008 RT_{82} 3 24.4 101.°87 1.°7/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.13	− 8 49.0	1.945	2.773	13.4	21.7
3 2	12 31.15	− 8 28.0	1.871	2.779	10.0	21.5
3 12	12 24.34	− 7 51.4	1.821	2.784	6.2	21.3
3 22	12 16.40	− 7 2.4	1.798	2.790	2.5	21.1
4 1	12 8.23	− 6 6.3	1.803	2.795	3.1	21.1
4 11	12 0.79	− 5 9.6	1.836	2.800	6.9	21.4
4 21	11 54.84	− 4 18.4	1.895	2.805	10.6	21.6
5 1	11 50.92	− 3 37.6	1.976	2.810	13.8	21.8

74016 1998 FK_{136} 3 24.4 56.°09 1.°2/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.77	− 6 36.9	2.725	3.547	10.1	19.0
3 2	12 29.71	− 6 36.6	2.650	3.556	7.5	18.8
3 12	12 23.34	− 6 27.1	2.602	3.565	4.6	18.6
3 22	12 16.20	− 6 10.5	2.581	3.574	1.7	18.4
4 1	12 8.91	− 5 49.7	2.591	3.583	2.3	18.5
4 11	12 2.14	− 5 28.2	2.630	3.592	5.3	18.7
4 21	11 56.42	− 5 9.2	2.697	3.601	8.1	18.9
5 1	11 52.19	− 4 55.7	2.788	3.610	10.5	19.1

98483 2000 UJ_{102} 3 24.4 43.°08 3.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.53	−10 17.7	1.356	2.196	17.4	19.4
3 2	12 33.53	−10 19.8	1.292	2.203	13.3	19.1
3 12	12 25.95	−10 0.3	1.248	2.210	8.6	18.9
3 22	12 16.74	− 9 21.9	1.229	2.218	4.1	18.6
4 1	12 7.22	− 8 30.6	1.234	2.226	4.3	18.7
4 11	11 58.77	− 7 35.2	1.266	2.234	8.7	19.0
4 21	11 52.47	− 6 44.3	1.320	2.243	13.3	19.2
5 1	11 48.98	− 6 4.8	1.395	2.252	17.2	19.5

483483 2002 RR_{28} 3 24.4 243.°54 1.°0/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 51.45	− 3 5.3	1.752	2.577	14.7	21.1
3 2	12 42.89	− 3 33.8	1.649	2.558	11.1	20.8
3 12	12 31.44	− 3 54.1	1.571	2.537	6.6	20.5
3 22	12 17.88	− 4 7.6	1.521	2.516	1.8	20.1
4 1	12 3.46	− 4 16.7	1.503	2.494	3.8	20.2
4 11	11 49.69	− 4 25.3	1.514	2.470	8.9	20.5
4 21	11 37.86	− 4 37.2	1.553	2.446	13.6	20.7
5 1	11 28.91	− 4 55.9	1.614	2.421	17.6	20.9

260095 2004 LL_{20} 3 24.4 276.°66 1.°6/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.08	− 1 4.6	1.796	2.654	13.0	20.8
3 2	12 30.69	+ 0 0.4	1.707	2.635	9.4	20.5
3 12	12 24.25	+ 1 19.1	1.641	2.617	5.2	20.2
3 22	12 16.42	+ 2 44.9	1.603	2.598	1.6	19.9
4 1	12 8.15	+ 4 9.5	1.593	2.579	4.7	20.1
4 11	12 0.48	+ 5 24.5	1.611	2.560	9.1	20.3
4 21	11 54.32	+ 6 23.2	1.653	2.541	13.2	20.5
5 1	11 50.35	+ 7 1.8	1.716	2.521	16.7	20.7

88396 2001 QH_{17} 3 24.4 173.°12 1.°2/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.21	− 0 51.3	2.089	2.936	11.8	20.5
3 2	12 31.81	− 0 1.4	2.015	2.939	8.5	20.2
3 12	12 24.68	+ 0 57.9	1.967	2.941	4.7	20.0
3 22	12 16.48	+ 2 1.4	1.947	2.942	1.3	19.8
4 1	12 8.07	+ 3 2.7	1.958	2.944	3.8	20.0
4 11	12 0.34	+ 3 55.8	1.996	2.944	7.7	20.2
4 21	11 54.02	+ 4 36.4	2.060	2.945	11.1	20.4
5 1	11 49.62	+ 5 1.6	2.147	2.944	14.1	20.6

432935 2011 UB_{254} 3 24.4 238.°77 1.°0/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.31	+ 1 30.9	2.847	3.685	9.3	21.6
3 2	12 32.31	+ 1 44.9	2.751	3.670	6.7	21.4
3 12	12 24.87	+ 2 3.3	2.682	3.654	3.8	21.2
3 22	12 16.52	+ 2 23.3	2.643	3.638	1.1	21.0
4 1	12 7.90	+ 2 41.4	2.636	3.621	3.1	21.1
4 11	11 59.70	+ 2 54.5	2.659	3.604	6.2	21.3
4 21	11 52.52	+ 3 0.1	2.709	3.586	9.0	21.4
5 1	11 46.86	+ 2 56.5	2.784	3.568	11.5	21.6

139998 2001 SK_{39} 3 24.4 127.°96 2.°6/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.62	+ 6 32.8	2.633	3.484	9.5	20.0
3 2	12 31.71	+ 7 4.2	2.572	3.497	6.8	19.9
3 12	12 24.45	+ 7 36.9	2.538	3.509	4.0	19.7
3 22	12 16.42	+ 8 6.8	2.533	3.521	2.6	19.6
4 1	12 8.31	+ 8 30.0	2.559	3.532	4.3	19.8
4 11	12 0.83	+ 8 43.3	2.614	3.543	7.1	20.0
4 21	11 54.52	+ 8 45.2	2.695	3.554	9.7	20.1
5 1	11 49.81	+ 8 35.0	2.800	3.564	11.9	20.3

314172 2005 GZ_{73} 3 24.4 357.°10 6.°7/17.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.31	+ 9 42.6	1.403	2.288	14.2	20.0
3 2	12 30.39	+11 41.8	1.348	2.286	10.4	19.8
3 12	12 24.13	+13 44.0	1.317	2.285	7.3	19.6
3 22	12 16.40	+15 36.5	1.312	2.285	7.1	19.6
4 1	12 8.39	+17 7.0	1.332	2.285	9.9	19.8
4 11	12 1.37	+18 7.4	1.376	2.285	13.7	20.0
4 21	11 56.28	+18 35.3	1.440	2.285	17.2	20.2
5 1	11 53.74	+18 32.0	1.521	2.286	20.2	20.4

473231 2015 KH_{152} 3 24.4 267.°19 5.°7/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.64	−21 23.2	2.526	3.275	12.9	21.0
3 2	12 31.47	−21 51.3	2.421	3.260	10.8	20.9
3 12	12 24.57	−22 1.4	2.339	3.245	8.5	20.7
3 22	12 16.50	−21 52.7	2.282	3.230	6.5	20.5
4 1	12 7.99	−21 25.9	2.252	3.215	5.8	20.5
4 11	11 59.91	−20 44.8	2.251	3.199	7.0	20.5
4 21	11 53.00	−19 54.5	2.276	3.183	9.2	20.6
5 1	11 47.87	−19 1.1	2.326	3.167	11.7	20.8

419299 2009 WX_{42} 3 24.4 144.°09 9.°0/14.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.55	+24 3.1	1.992	2.846	12.0	20.7
3 2	12 33.59	+25 27.4	1.950	2.850	10.1	20.6
3 12	12 25.69	+26 39.1	1.932	2.853	9.1	20.5
3 22	12 16.68	+27 29.9	1.940	2.857	9.5	20.5
4 1	12 7.57	+27 54.1	1.973	2.861	11.1	20.6
4 11	11 59.40	+27 49.8	2.030	2.864	13.2	20.8
4 21	11 52.93	+27 18.6	2.107	2.867	15.4	21.0
5 1	11 48.66	+26 24.2	2.201	2.870	17.3	21.1

354697 2005 QN_{153} 3 24.4 177.°24 2.°0/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.56	−11 55.2	3.056	3.853	9.8	21.7
3 2	12 28.78	−11 34.1	2.968	3.855	7.5	21.5
3 12	12 22.82	−11 0.9	2.906	3.856	5.0	21.4
3 22	12 16.12	−10 17.6	2.872	3.857	2.6	21.2
4 1	12 9.26	− 9 27.2	2.869	3.858	2.5	21.2
4 11	12 2.83	− 8 34.0	2.895	3.858	4.8	21.3
4 21	11 57.33	− 7 41.9	2.951	3.857	7.4	21.5
5 1	11 53.15	− 6 54.9	3.031	3.857	9.7	21.7

299838 2006 SO_{200} 3 24.4 118.°02 1.°5/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.24	− 9 54.2	2.497	3.313	11.1	21.7
3 2	12 28.72	− 9 16.8	2.421	3.321	8.4	21.5
3 12	12 22.84	− 8 25.6	2.370	3.330	5.2	21.3
3 22	12 16.13	− 7 23.9	2.347	3.338	2.2	21.1
4 1	12 9.27	− 6 16.4	2.354	3.346	2.5	21.2
4 11	12 2.97	− 5 8.7	2.391	3.354	5.6	21.4
4 21	11 57.80	− 4 5.9	2.455	3.362	8.6	21.6
5 1	11 54.20	− 3 12.3	2.543	3.369	11.3	21.8

271720 2004 RD_{226} 3 24.4 109.°36 0.°3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.58	− 6 12.8	2.122	2.955	12.2	20.7
3 2	12 30.53	− 5 17.4	2.058	2.972	8.9	20.5
3 12	12 23.89	− 4 8.8	2.019	2.988	5.1	20.3
3 22	12 16.33	− 2 52.0	2.009	3.004	1.2	20.1
4 1	12 8.67	− 1 33.4	2.029	3.020	2.9	20.2
4 11	12 1.74	− 0 19.8	2.077	3.035	6.7	20.5
4 21	11 56.18	+ 0 43.4	2.153	3.050	10.1	20.7
5 1	11 52.45	+ 1 32.3	2.251	3.065	13.0	21.0

277806 2006 FC_{21} 3 24.4 257.°38 1.°1/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.26	+ 0 33.7	2.090	2.939	11.7	21.1
3 2	12 32.69	+ 0 54.5	2.004	2.928	8.5	20.8
3 12	12 25.26	+ 1 22.5	1.943	2.917	4.8	20.6
3 22	12 16.63	+ 1 53.6	1.910	2.905	1.3	20.3
4 1	12 7.66	+ 2 22.9	1.907	2.894	3.8	20.5
4 11	11 59.29	+ 2 45.5	1.931	2.882	7.7	20.7
4 21	11 52.33	+ 2 58.0	1.982	2.870	11.3	20.9
5 1	11 47.35	+ 2 57.9	2.054	2.858	14.4	21.1

274472 Piet 3 24.4 247.°00 3.°1/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.57	+ 4 54.5	2.257	3.115	10.6	21.4
3 2	12 30.66	+ 6 4.2	2.170	3.099	7.6	21.2
3 12	12 24.08	+ 7 19.8	2.109	3.082	4.6	21.0
3 22	12 16.40	+ 8 35.2	2.078	3.065	3.1	20.8
4 1	12 8.39	+ 9 43.7	2.076	3.047	5.4	20.9
4 11	12 0.90	+10 39.3	2.102	3.029	8.7	21.1
4 21	11 54.64	+11 18.1	2.154	3.010	11.8	21.3
5 1	11 50.18	+11 38.5	2.226	2.991	14.6	21.4

425586 2010 TU_{141} 3 24.4 291.°93 2.°6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.71	− 8 50.7	1.560	2.396	15.7	20.9
3 2	12 33.64	− 8 56.1	1.474	2.384	12.0	20.7
3 12	12 26.09	− 8 43.9	1.410	2.373	7.7	20.4
3 22	12 16.83	− 8 15.9	1.370	2.361	3.4	20.1
4 1	12 7.01	− 7 36.6	1.358	2.350	3.9	20.1
4 11	11 57.94	− 6 53.1	1.372	2.338	8.5	20.3
4 21	11 50.73	− 6 12.7	1.410	2.327	13.0	20.5
5 1	11 46.15	− 5 41.9	1.468	2.316	17.0	20.8

421884 2014 QB_{176} 3 24.4 349.°33 1.°6/23.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.67	− 0 41.8	1.414	2.279	15.3	21.9
3 2	12 32.85	+ 0 3.5	1.346	2.278	11.0	21.6
3 12	12 25.56	+ 1 1.7	1.301	2.277	6.2	21.3
3 22	12 16.71	+ 2 5.8	1.281	2.277	1.7	21.0
4 1	12 7.50	+ 3 7.0	1.288	2.276	5.0	21.3
4 11	11 59.28	+ 3 56.7	1.320	2.276	10.0	21.5
4 21	11 53.06	+ 4 29.1	1.375	2.275	14.5	21.8
5 1	11 49.51	+ 4 41.4	1.450	2.275	18.3	22.0

352426 2007 YF_{64} 3 24.4 278.°49 3.°8/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.89	+ 7 50.5	2.300	3.166	10.1	20.6
3 2	12 28.63	+ 9 5.9	2.229	3.161	7.3	20.4
3 12	12 22.86	+10 24.0	2.185	3.155	4.7	20.2
3 22	12 16.15	+11 38.4	2.170	3.150	3.9	20.1
4 1	12 9.24	+12 42.7	2.183	3.145	6.0	20.3
4 11	12 2.88	+13 31.7	2.224	3.139	8.9	20.4
4 21	11 57.72	+14 2.8	2.289	3.134	11.7	20.6
5 1	11 54.23	+14 14.9	2.375	3.129	14.1	20.8

278639 2008 RG_5 3 24.4 255.°49 0.°8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.88	− 0 43.2	1.932	2.782	12.5	20.5
3 2	12 32.47	− 0 21.9	1.855	2.779	9.0	20.3
3 12	12 25.14	+ 0 8.0	1.804	2.777	5.1	20.0
3 22	12 16.61	+ 0 42.4	1.779	2.775	1.1	19.7
4 1	12 7.80	+ 1 15.8	1.784	2.773	3.7	19.9
4 11	11 59.71	+ 1 43.0	1.816	2.770	7.8	20.2
4 21	11 53.14	+ 2 0.0	1.874	2.768	11.5	20.4
5 1	11 48.66	+ 2 4.3	1.953	2.766	14.7	20.6

171824 2001 FK_{49} 3 24.4 29.°46 0.°3/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.50	− 2 49.4	1.270	2.136	16.6	20.4
3 2	12 32.81	− 2 25.8	1.212	2.144	12.1	20.1
3 12	12 25.55	− 1 47.4	1.177	2.152	6.9	19.8
3 22	12 16.70	− 1 0.3	1.165	2.161	1.3	19.5
4 1	12 7.61	− 0 12.5	1.179	2.170	4.4	19.7
4 11	11 59.67	+ 0 27.5	1.217	2.181	9.7	20.1
4 21	11 53.94	+ 0 53.5	1.278	2.191	14.4	20.3
5 1	11 51.00	+ 1 2.3	1.358	2.203	18.3	20.6

37487 3150 T_{-1} 3 24.4 152.°25 0.°6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.76	− 6 34.1	1.785	2.621	14.0	19.2
3 2	12 33.17	− 5 46.9	1.714	2.629	10.3	19.0
3 12	12 25.55	− 4 43.5	1.667	2.636	6.0	18.8
3 22	12 16.69	− 3 29.0	1.648	2.643	1.5	18.5
4 1	12 7.60	− 2 10.8	1.657	2.649	3.4	18.6
4 11	11 59.36	− 0 56.9	1.695	2.654	7.8	18.9
4 21	11 52.80	+ 0 5.8	1.758	2.659	11.8	19.2
5 1	11 48.50	+ 0 52.7	1.843	2.663	15.2	19.4

105105 2000 LH_{14} 3 24.4 190.°95 3.°9/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.13	−20 23.1	3.282	4.027	10.3	20.6
3 2	12 29.19	−20 10.9	3.184	4.025	8.4	20.4
3 12	12 23.06	−19 43.2	3.109	4.022	6.3	20.3
3 22	12 16.19	−19 1.0	3.062	4.019	4.5	20.1
4 1	12 9.13	−18 6.4	3.045	4.016	3.9	20.1
4 11	12 2.47	−17 3.2	3.058	4.011	5.0	20.2
4 21	11 56.72	−15 56.1	3.099	4.007	7.0	20.3
5 1	11 52.27	−14 49.7	3.167	4.001	9.1	20.4

434034 2001 SS_{222} 3 24.4 235.°62 0.°2/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.11	− 4 34.3	2.524	3.360	10.4	21.7
3 2	12 28.71	− 3 34.5	2.433	3.350	7.6	21.5
3 12	12 22.89	− 2 23.0	2.368	3.339	4.3	21.3
3 22	12 16.17	− 1 4.0	2.332	3.328	0.8	21.0
4 1	12 9.19	+ 0 16.8	2.327	3.317	2.9	21.1
4 11	12 2.68	+ 1 33.3	2.351	3.305	6.3	21.3
4 21	11 57.24	+ 2 40.5	2.403	3.293	9.5	21.5
5 1	11 53.34	+ 3 34.5	2.478	3.280	12.3	21.7

96438 1998 FQ_{78} 3 24.4 33.°13 10.°6/22.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	13 0.50	+22 36.0	0.945	1.810	21.1	17.9
3 2	12 49.38	+22 3.6	0.918	1.835	16.6	17.7
3 12	12 34.64	+21 5.8	0.910	1.862	12.5	17.6
3 22	12 18.36	+19 36.0	0.925	1.891	10.6	17.6
4 1	12 2.98	+17 35.1	0.965	1.921	12.3	17.8
4 11	11 50.50	+15 11.2	1.029	1.952	15.8	18.1
4 21	11 41.91	+12 35.1	1.114	1.983	19.5	18.4
5 1	11 37.43	+ 9 55.5	1.217	2.016	22.6	18.7

79505 1998 GC_6 3 24.4 350.°63 7.°9/16.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.33	+19 41.7	1.838	2.703	12.3	18.3
3 2	12 32.85	+20 35.7	1.782	2.698	9.9	18.2
3 12	12 25.35	+21 20.3	1.750	2.694	8.1	18.0
3 22	12 16.65	+21 47.7	1.744	2.691	8.2	18.0
4 1	12 7.78	+21 52.3	1.763	2.688	10.0	18.1
4 11	11 59.82	+21 31.6	1.807	2.686	12.5	18.3
4 21	11 53.58	+20 46.7	1.872	2.684	15.2	18.4
5 1	11 49.61	+19 40.7	1.956	2.683	17.5	18.6

489350 2006 UC_{59} 3 24.4 232.°35 0.°3/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.06	− 4 36.9	2.694	3.524	10.0	22.7
3 2	12 30.05	− 4 12.2	2.600	3.513	7.4	22.5
3 12	12 23.64	− 3 38.3	2.533	3.501	4.3	22.3
3 22	12 16.32	− 2 57.8	2.494	3.489	1.0	22.1
4 1	12 8.75	− 2 14.7	2.486	3.477	2.5	22.2
4 11	12 1.62	− 1 33.4	2.508	3.465	5.8	22.4
4 21	11 55.52	− 0 57.7	2.556	3.452	8.8	22.5
5 1	11 50.92	− 0 30.7	2.630	3.439	11.5	22.7

74398 1998 XD_{73} 3 24.4 86.°43 7.°5/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.79	−24 22.9	2.169	2.904	15.1	18.2
3 2	12 33.90	−25 13.6	2.089	2.912	12.9	18.1
3 12	12 26.00	−25 42.3	2.031	2.921	10.4	17.9
3 22	12 16.81	−25 47.2	1.997	2.929	8.4	17.8
4 1	12 7.25	−25 28.7	1.990	2.938	7.5	17.8
4 11	11 58.37	−24 51.2	2.009	2.946	8.4	17.8
4 21	11 51.03	−24 0.9	2.053	2.954	10.4	18.0
5 1	11 45.85	−23 5.3	2.121	2.962	12.7	18.1

204200 2004 BY_{147} 3 24.4 110.°80 4.°2/19.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.06	+ 9 8.0	2.186	3.051	10.6	20.6
3 2	12 30.17	+10 17.4	2.128	3.058	7.7	20.4
3 12	12 23.71	+11 27.5	2.097	3.065	5.1	20.3
3 22	12 16.33	+12 31.8	2.094	3.072	4.3	20.2
4 1	12 8.82	+13 24.0	2.120	3.079	6.3	20.4
4 11	12 1.99	+13 59.8	2.173	3.086	9.1	20.5
4 21	11 56.50	+14 17.1	2.250	3.092	11.9	20.7
5 1	11 52.79	+14 15.8	2.347	3.099	14.3	20.9

436348 2010 JS_{73} 3 24.4 290.°30 0.°6/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.22	− 5 40.5	2.141	2.978	12.0	21.8
3 2	12 29.72	− 5 10.1	2.058	2.973	8.8	21.6
3 12	12 23.55	− 4 27.2	1.999	2.968	5.2	21.4
3 22	12 16.32	− 3 35.3	1.967	2.962	1.3	21.1
4 1	12 8.81	− 2 39.7	1.965	2.957	2.9	21.2
4 11	12 1.89	− 1 46.2	1.991	2.952	6.7	21.5
4 21	11 56.27	− 1 0.2	2.043	2.947	10.3	21.7
5 1	11 52.46	− 0 25.5	2.118	2.941	13.4	21.8

95285 2002 CP_{83} 3 24.4 82.°04 0.°5/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.19	− 2 21.9	1.429	2.284	15.8	19.6
3 2	12 35.20	− 1 58.0	1.373	2.299	11.4	19.4
3 12	12 26.80	− 1 21.4	1.340	2.314	6.4	19.1
3 22	12 16.95	− 0 37.8	1.332	2.328	1.2	18.8
4 1	12 6.96	+ 0 5.6	1.352	2.343	4.2	19.1
4 11	11 58.13	+ 0 41.4	1.398	2.357	9.2	19.4
4 21	11 51.43	+ 1 4.6	1.467	2.371	13.5	19.7
5 1	11 47.42	+ 1 12.2	1.557	2.385	17.1	20.0

502732 2015 DY_{34} 3 24.4 120.°93 3.°6/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.85	+ 6 20.6	2.163	3.027	10.8	21.2
3 2	12 30.02	+ 7 42.2	2.106	3.037	7.7	21.0
3 12	12 23.63	+ 9 7.1	2.075	3.047	4.8	20.8
3 22	12 16.32	+10 28.3	2.073	3.057	3.7	20.8
4 1	12 8.88	+11 38.8	2.101	3.066	5.8	20.9
4 11	12 2.14	+12 33.4	2.155	3.075	8.9	21.1
4 21	11 56.72	+13 9.3	2.235	3.084	11.8	21.3
5 1	11 53.08	+13 25.7	2.335	3.093	14.2	21.5

226797 2004 RG_{193} 3 24.4 126.°16 3.°7/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.89	−15 34.1	2.188	2.978	13.4	20.4
3 2	12 31.58	−15 24.7	2.112	2.989	10.5	20.3
3 12	12 24.57	−14 56.7	2.060	3.000	7.4	20.1
3 22	12 16.52	−14 11.7	2.034	3.011	4.5	19.9
4 1	12 8.28	−13 13.8	2.037	3.021	4.0	19.9
4 11	12 0.73	−12 9.0	2.068	3.031	6.4	20.1
4 21	11 54.57	−11 3.7	2.126	3.040	9.4	20.3
5 1	11 50.32	−10 3.9	2.208	3.049	12.3	20.5

280174 2002 RY_{110} 3 24.4 232.°43 2.°0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.86	− 9 13.6	1.594	2.425	15.7	21.2
3 2	12 34.45	− 8 47.9	1.506	2.415	11.9	20.9
3 12	12 26.56	− 8 1.6	1.439	2.403	7.5	20.6
3 22	12 16.96	− 6 58.0	1.399	2.391	2.9	20.3
4 1	12 6.81	− 5 43.4	1.386	2.378	3.7	20.3
4 11	11 57.42	− 4 27.1	1.400	2.365	8.6	20.6
4 21	11 49.88	− 3 17.8	1.439	2.351	13.2	20.8
5 1	11 44.96	− 2 22.6	1.500	2.336	17.2	21.0

78447 2002 RN_{20} 3 24.4 190.°57 1.°3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.76	+ 0 18.8	2.290	3.138	10.9	19.8
3 2	12 30.68	+ 0 57.6	2.213	3.138	7.8	19.6
3 12	12 24.04	+ 1 43.6	2.163	3.137	4.3	19.3
3 22	12 16.42	+ 2 32.4	2.141	3.136	1.3	19.1
4 1	12 8.59	+ 3 18.9	2.149	3.134	3.6	19.3
4 11	12 1.36	+ 3 58.1	2.185	3.133	7.1	19.5
4 21	11 55.38	+ 4 26.3	2.247	3.131	10.4	19.7
5 1	11 51.14	+ 4 41.4	2.332	3.129	13.1	19.9

313389 2002 NZ_{59} 3 24.4 194.°95 2.°9/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.87	−11 32.2	1.876	2.691	14.3	21.3
3 2	12 33.34	−11 24.4	1.793	2.689	11.0	21.1
3 12	12 25.73	−10 58.4	1.732	2.687	7.3	20.9
3 22	12 16.78	−10 16.2	1.698	2.685	3.7	20.6
4 1	12 7.46	− 9 22.3	1.692	2.682	3.7	20.6
4 11	11 58.87	− 8 23.6	1.715	2.679	7.3	20.8
4 21	11 51.88	− 7 27.0	1.763	2.676	11.1	21.1
5 1	11 47.12	− 6 38.7	1.834	2.672	14.5	21.3

277787 2006 DG_{216} 3 24.4 246.°96 0.°2/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.88	− 4 52.8	2.009	2.851	12.4	20.5
3 2	12 30.28	− 4 12.1	1.929	2.848	9.1	20.3
3 12	12 23.90	− 3 18.3	1.873	2.844	5.3	20.1
3 22	12 16.40	− 2 15.7	1.845	2.840	1.1	19.8
4 1	12 8.63	− 1 10.5	1.845	2.837	3.2	19.9
4 11	12 1.50	− 0 9.3	1.874	2.833	7.2	20.2
4 21	11 55.76	+ 0 42.2	1.928	2.829	11.0	20.4
5 1	11 51.95	+ 1 20.0	2.005	2.825	14.1	20.6

425450 2010 EV_{45} 3 24.4 329.°13 13.°5/10.7 15 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 17.28	+11 30.2	0.582	1.520	19.1	20.3
3 2	12 19.87	+14 43.8	0.506	1.470	15.1	19.8
3 12	12 19.20	+18 37.8	0.446	1.422	13.6	19.4
3 22	12 15.66	+22 48.7	0.403	1.376	16.8	19.2
4 1	12 10.58	+26 40.1	0.375	1.331	23.5	19.2
4 11	12 6.26	+29 36.1	0.357	1.291	31.1	19.2
4 21	12 5.01	+31 15.0	0.347	1.254	38.3	19.3
5 1	12 8.74	+31 28.4	0.341	1.223	44.4	19.4

33051 1997 UF_7 3 24.4 98.°78 3.°8/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.95	+ 5 49.1	1.483	2.350	14.6	18.5
3 2	12 35.70	+ 6 33.9	1.428	2.361	10.5	18.3
3 12	12 27.07	+ 7 22.5	1.398	2.371	6.2	18.1
3 22	12 17.03	+ 8 7.2	1.393	2.382	3.8	18.0
4 1	12 6.86	+ 8 40.2	1.416	2.392	6.6	18.1
4 11	11 57.84	+ 8 56.1	1.464	2.403	10.7	18.4
4 21	11 50.91	+ 8 52.7	1.535	2.413	14.6	18.7
5 1	11 46.64	+ 8 30.3	1.626	2.422	17.9	18.9

107462 2001 DE_{28} 3 24.4 83.°22 1.°3/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.39	− 0 50.4	1.526	2.383	14.9	20.0
3 2	12 34.45	− 0 11.3	1.474	2.402	10.6	19.8
3 12	12 26.29	+ 0 38.3	1.446	2.421	5.9	19.6
3 22	12 16.87	+ 1 32.1	1.445	2.440	1.4	19.3
4 1	12 7.38	+ 2 22.5	1.471	2.459	4.5	19.6
4 11	11 59.01	+ 3 2.5	1.523	2.477	9.0	19.9
4 21	11 52.62	+ 3 27.8	1.600	2.495	13.1	20.2
5 1	11 48.74	+ 3 36.2	1.697	2.513	16.4	20.4

397108 2005 UD_{524} 3 24.4 225.°06 0.°9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.81	− 3 26.6	1.685	2.533	14.1	22.6
3 2	12 33.52	− 2 21.4	1.599	2.523	10.3	22.3
3 12	12 25.95	− 0 59.7	1.538	2.512	5.8	22.0
3 22	12 16.86	+ 0 32.1	1.504	2.500	1.2	21.6
4 1	12 7.30	+ 2 5.0	1.499	2.487	4.4	21.8
4 11	11 58.48	+ 3 29.5	1.521	2.474	9.2	22.1
4 21	11 51.39	+ 4 38.0	1.568	2.460	13.6	22.3
5 1	11 46.71	+ 5 25.8	1.636	2.445	17.3	22.5

262781 2006 YN_{14} 3 24.4 33.°70 2.°2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.15	− 9 19.1	1.343	2.191	17.0	19.8
3 2	12 31.00	− 8 56.0	1.287	2.205	12.8	19.6
3 12	12 24.49	− 8 11.3	1.253	2.219	7.9	19.4
3 22	12 16.54	− 7 9.7	1.242	2.234	3.2	19.1
4 1	12 8.42	− 5 59.2	1.257	2.250	3.8	19.2
4 11	12 1.40	− 4 49.7	1.297	2.267	8.5	19.5
4 21	11 56.40	− 3 49.7	1.361	2.284	12.9	19.8
5 1	11 53.99	− 3 5.2	1.445	2.302	16.7	20.1

245041 2004 EK_{87} 3 24.4 119.°08 0.°7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.55	− 1 25.6	2.335	3.179	10.8	21.0
3 2	12 30.46	− 0 51.2	2.267	3.188	7.8	20.8
3 12	12 23.88	− 0 8.8	2.224	3.196	4.3	20.6
3 22	12 16.41	+ 0 37.4	2.209	3.205	0.9	20.4
4 1	12 8.81	+ 1 22.6	2.224	3.213	3.2	20.6
4 11	12 1.82	+ 2 2.1	2.268	3.220	6.6	20.8
4 21	11 56.07	+ 2 32.1	2.339	3.228	9.8	21.0
5 1	11 52.02	+ 2 50.4	2.432	3.236	12.4	21.2

381608 2008 WL_{48} 3 24.4 105.°63 5.°8/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.65	+14 39.0	2.112	2.976	11.0	20.9
3 2	12 32.08	+15 40.9	2.061	2.984	8.3	20.7
3 12	12 24.83	+16 38.4	2.035	2.992	6.2	20.6
3 22	12 16.60	+17 24.9	2.037	2.999	6.0	20.6
4 1	12 8.27	+17 54.6	2.066	3.007	7.8	20.7
4 11	12 0.73	+18 4.4	2.121	3.014	10.3	20.9
4 21	11 54.67	+17 54.0	2.200	3.021	12.9	21.1
5 1	11 50.55	+17 24.7	2.299	3.028	15.1	21.3

306117 2010 JO_{73} 3 24.4 264.°51 1.°1/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.31	− 1 19.7	1.521	2.378	14.9	21.0
3 2	12 34.11	− 0 43.8	1.437	2.365	10.8	20.7
3 12	12 26.40	+ 0 5.4	1.377	2.351	6.1	20.4
3 22	12 16.97	+ 1 2.0	1.342	2.338	1.4	20.1
4 1	12 6.99	+ 1 58.4	1.334	2.323	4.7	20.3
4 11	11 57.81	+ 2 46.3	1.353	2.309	9.8	20.5
4 21	11 50.52	+ 3 19.3	1.395	2.295	14.4	20.7
5 1	11 45.89	+ 3 33.8	1.457	2.280	18.4	21.0

306223 2011 QE_{50} 3 24.4 168.°49 0.°1/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.85	− 4 21.7	3.161	3.989	8.7	22.3
3 2	12 28.23	− 3 33.5	3.081	3.994	6.3	22.1
3 12	12 22.51	− 2 37.0	3.028	3.998	3.6	22.0
3 22	12 16.14	− 1 35.5	3.006	4.001	0.7	21.7
4 1	12 9.64	− 0 33.0	3.014	4.004	2.2	21.9
4 11	12 3.56	+ 0 26.1	3.053	4.007	5.1	22.1
4 21	11 58.36	+ 1 18.5	3.121	4.009	7.6	22.2
5 1	11 54.40	+ 2 1.3	3.213	4.010	9.9	22.4

434036 2001 SM_{236} 3 24.4 147.°02 0.°2/24.3 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.10	− 4 9.4	2.078	2.917	12.2	22.5
3 2	12 31.74	− 3 23.4	2.008	2.925	8.9	22.3
3 12	12 24.68	− 2 25.7	1.962	2.933	5.0	22.1
3 22	12 16.58	− 1 20.8	1.945	2.940	1.0	21.8
4 1	12 8.31	− 0 15.0	1.957	2.947	3.2	22.0
4 11	12 0.74	+ 0 45.4	1.998	2.954	7.1	22.3
4 21	11 54.59	+ 1 35.2	2.065	2.960	10.6	22.5
5 1	11 50.37	+ 2 11.1	2.155	2.965	13.6	22.7

401864 2000 SP_{296} 3 24.4 203.°76 2.°8/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.10	−11 41.0	1.978	2.787	13.9	21.9
3 2	12 34.19	−11 29.7	1.889	2.782	10.7	21.7
3 12	12 26.23	−11 0.5	1.823	2.777	7.1	21.4
3 22	12 16.92	−10 15.4	1.784	2.770	3.6	21.2
4 1	12 7.21	− 9 18.8	1.774	2.763	3.6	21.2
4 11	11 58.16	− 8 17.1	1.792	2.755	7.1	21.4
4 21	11 50.65	− 7 17.4	1.837	2.747	10.9	21.6
5 1	11 45.34	− 6 25.8	1.905	2.737	14.3	21.8

406867 2009 BY_{159} 3 24.4 329.°64 4.°2/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.79	−12 20.5	1.413	2.241	17.4	21.2
3 2	12 33.87	−12 34.0	1.336	2.238	13.6	21.0
3 12	12 26.30	−12 25.1	1.280	2.235	9.3	20.7
3 22	12 16.95	−11 54.6	1.247	2.232	5.2	20.5
4 1	12 7.09	−11 7.1	1.240	2.230	4.9	20.4
4 11	11 58.15	−10 10.8	1.259	2.227	8.8	20.6
4 21	11 51.29	− 9 14.8	1.301	2.225	13.3	20.9
5 1	11 47.26	− 8 27.3	1.364	2.223	17.4	21.1

426944 2013 YA_{18} 3 24.4 54.°67 3.°6/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.57	+ 6 17.0	2.076	2.943	11.0	20.5
3 2	12 29.20	+ 7 30.5	2.017	2.949	7.9	20.3
3 12	12 23.22	+ 8 47.3	1.984	2.956	4.8	20.2
3 22	12 16.29	+10 0.7	1.978	2.963	3.7	20.1
4 1	12 9.22	+11 3.9	2.002	2.970	5.8	20.2
4 11	12 2.83	+11 51.5	2.052	2.977	9.0	20.4
4 21	11 57.78	+12 20.7	2.127	2.984	12.0	20.6
5 1	11 54.54	+12 30.8	2.222	2.991	14.5	20.8

217898 2001 SH_{49} 3 24.4 202.°35 0.°3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.31	− 3 55.1	2.014	2.856	12.4	21.3
3 2	12 31.32	− 3 5.1	1.934	2.854	9.0	21.1
3 12	12 24.52	− 2 2.3	1.878	2.850	5.1	20.9
3 22	12 16.57	− 0 51.6	1.851	2.847	1.0	20.6
4 1	12 8.34	+ 0 20.4	1.853	2.843	3.4	20.7
4 11	12 0.76	+ 1 26.7	1.883	2.838	7.5	21.0
4 21	11 54.60	+ 2 21.7	1.939	2.833	11.2	21.2
5 1	11 50.42	+ 3 1.5	2.017	2.828	14.4	21.4

171565 1999 TD_{227} 3 24.4 167.°39 4.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.06	−15 43.0	2.144	2.927	13.8	20.3
3 2	12 34.72	−15 51.9	2.060	2.933	11.0	20.1
3 12	12 26.45	−15 42.4	2.001	2.937	7.8	19.9
3 22	12 16.95	−15 15.1	1.967	2.941	5.0	19.7
4 1	12 7.15	−14 33.0	1.963	2.945	4.4	19.7
4 11	11 58.04	−13 41.6	1.988	2.947	6.8	19.8
4 21	11 50.44	−12 47.3	2.039	2.949	10.0	20.0
5 1	11 44.92	−11 56.2	2.115	2.950	13.0	20.2

319424 2006 HN_{88} 3 24.4 195.°75 0.°3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.17	− 2 45.2	2.250	3.091	11.3	21.5
3 2	12 31.03	− 2 15.2	2.170	3.090	8.2	21.3
3 12	12 24.28	− 1 35.7	2.116	3.088	4.7	21.1
3 22	12 16.51	− 0 50.5	2.091	3.086	0.9	20.8
4 1	12 8.52	− 0 4.6	2.094	3.084	3.1	21.0
4 11	12 1.11	+ 0 36.9	2.127	3.082	6.8	21.2
4 21	11 54.99	+ 1 9.8	2.185	3.079	10.2	21.4
5 1	11 50.64	+ 1 31.1	2.267	3.077	13.0	21.6

378523 2007 VY_{88} 3 24.4 70.°63 5.°0/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.62	−18 44.4	2.194	2.969	13.8	20.3
3 2	12 30.77	−18 54.4	2.113	2.975	11.2	20.1
3 12	12 24.19	−18 44.4	2.055	2.980	8.4	19.9
3 22	12 16.51	−18 15.1	2.022	2.986	5.9	19.8
4 1	12 8.58	−17 29.2	2.016	2.991	5.1	19.7
4 11	12 1.27	−16 32.0	2.038	2.997	6.8	19.8
4 21	11 55.34	−15 30.0	2.087	3.003	9.5	20.0
5 1	11 51.31	−14 29.7	2.159	3.008	12.2	20.2

468813 2012 OT_5 3 24.4 293.°78 7.°9/19.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.27	+ 4 28.5	0.737	1.643	20.7	23.1
3 2	12 34.96	+ 6 31.3	0.656	1.608	15.4	22.7
3 12	12 28.21	+ 9 6.7	0.593	1.573	9.9	22.2
3 22	12 17.57	+11 58.3	0.549	1.537	8.3	21.9
4 1	12 4.76	+14 39.6	0.525	1.500	14.0	22.0
4 11	11 52.45	+16 43.2	0.517	1.464	21.8	22.2
4 21	11 43.20	+17 52.4	0.523	1.428	29.4	22.3
5 1	11 38.80	+18 3.5	0.538	1.392	36.0	22.5

376434 2012 HF_{16} 3 24.4 217.°03 3.°4/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.49	+ 6 17.6	2.079	2.938	11.4	21.8
3 2	12 32.85	+ 7 9.7	2.003	2.931	8.2	21.6
3 12	12 25.38	+ 8 5.5	1.952	2.924	5.0	21.4
3 22	12 16.75	+ 8 58.7	1.930	2.917	3.4	21.3
4 1	12 7.85	+ 9 43.2	1.937	2.909	5.6	21.4
4 11	11 59.60	+10 13.8	1.971	2.900	9.0	21.6
4 21	11 52.80	+10 27.8	2.031	2.891	12.3	21.8
5 1	11 47.98	+10 24.2	2.111	2.882	15.1	22.0

255689 2006 QL_{60} 3 24.4 225.°08 1.°0/23.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.22	− 1 41.2	1.987	2.832	12.4	22.2
3 2	12 32.80	− 0 51.9	1.899	2.822	9.0	22.0
3 12	12 25.43	+ 0 8.9	1.838	2.811	5.1	21.7
3 22	12 16.78	+ 1 15.9	1.804	2.799	1.2	21.4
4 1	12 7.76	+ 2 22.6	1.799	2.787	3.9	21.6
4 11	11 59.36	+ 3 21.9	1.823	2.774	8.1	21.8
4 21	11 52.42	+ 4 8.4	1.873	2.760	11.9	22.0
5 1	11 47.55	+ 4 38.9	1.944	2.745	15.2	22.2

242912 2006 MM_{11} 3 24.4 178.°89 4.°8/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.28	+10 7.5	2.061	2.922	11.4	21.3
3 2	12 33.37	+11 21.3	1.997	2.924	8.3	21.1
3 12	12 25.65	+12 35.6	1.960	2.925	5.6	20.9
3 22	12 16.81	+13 42.9	1.951	2.926	4.9	20.9
4 1	12 7.78	+14 36.3	1.971	2.926	7.0	21.0
4 11	11 59.50	+15 11.0	2.018	2.925	10.0	21.2
4 21	11 52.72	+15 25.1	2.089	2.924	13.0	21.4
5 1	11 47.98	+15 19.0	2.180	2.922	15.5	21.6

299721 2006 RH_{21} 3 24.4 293.°50 0.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.40	− 2 31.0	2.061	2.906	12.0	21.3
3 2	12 31.51	− 2 12.0	1.963	2.884	8.8	21.1
3 12	12 24.74	− 1 42.8	1.891	2.863	5.1	20.8
3 22	12 16.67	− 1 7.1	1.846	2.841	1.0	20.5
4 1	12 8.17	− 0 29.5	1.829	2.820	3.3	20.6
4 11	12 0.17	+ 0 4.4	1.841	2.799	7.5	20.8
4 21	11 53.51	+ 0 30.1	1.878	2.777	11.3	21.0
5 1	11 48.82	+ 0 43.9	1.938	2.756	14.6	21.2

32575 2001 QY_{78} 3 24.4 245.°49 0.°9/25.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.51	− 7 1.6	1.944	2.770	13.4	19.6
3 2	12 34.68	− 6 27.8	1.839	2.748	10.1	19.4
3 12	12 26.65	− 5 37.5	1.759	2.725	6.1	19.1
3 22	12 17.08	− 4 34.1	1.707	2.701	1.8	18.7
4 1	12 6.90	− 3 23.2	1.684	2.676	3.3	18.8
4 11	11 57.24	− 2 12.5	1.690	2.649	7.8	19.0
4 21	11 49.08	− 1 9.2	1.722	2.622	12.1	19.2
5 1	11 43.15	− 0 18.9	1.777	2.593	15.8	19.4

218041 2002 BC_3 3 24.4 118.°40 1.°3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.63	− 6 56.3	2.310	3.126	11.9	20.2
3 2	12 34.79	− 6 50.9	2.245	3.147	8.8	20.0
3 12	12 26.34	− 6 34.3	2.206	3.169	5.4	19.9
3 22	12 16.95	− 6 9.1	2.197	3.189	1.9	19.7
4 1	12 7.48	− 5 39.1	2.218	3.209	2.7	19.7
4 11	11 58.77	− 5 8.7	2.268	3.228	6.1	20.0
4 21	11 51.48	− 4 42.2	2.347	3.246	9.3	20.2
5 1	11 46.09	− 4 22.7	2.450	3.264	12.0	20.4

106966 2000 YF_{85} 3 24.4 94.°53 1.°5/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.68	− 1 0.7	1.582	2.438	14.5	19.9
3 2	12 33.91	− 0 6.8	1.530	2.458	10.3	19.7
3 12	12 26.01	+ 0 58.2	1.502	2.477	5.7	19.5
3 22	12 16.89	+ 2 7.0	1.500	2.495	1.6	19.3
4 1	12 7.70	+ 3 11.6	1.527	2.514	4.6	19.5
4 11	11 59.57	+ 4 4.5	1.580	2.532	9.0	19.8
4 21	11 53.34	+ 4 41.0	1.658	2.549	12.9	20.1
5 1	11 49.51	+ 4 59.1	1.756	2.566	16.2	20.3

178425 1998 SY_{101} 3 24.4 164.°72 0.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.50	− 1 40.4	2.168	3.005	11.8	21.4
3 2	12 34.17	− 1 14.9	2.094	3.011	8.5	21.2
3 12	12 26.08	− 0 40.9	2.045	3.017	4.8	21.0
3 22	12 16.92	− 0 2.2	2.026	3.021	0.9	20.7
4 1	12 7.55	+ 0 36.3	2.036	3.025	3.3	20.9
4 11	11 58.90	+ 1 9.4	2.076	3.028	7.1	21.1
4 21	11 51.68	+ 1 33.5	2.143	3.031	10.6	21.3
5 1	11 46.43	+ 1 45.9	2.232	3.033	13.5	21.5

353252 2010 EU_{39} 3 24.4 336.°21 1.°7/25.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.16	− 6 52.8	1.062	1.932	18.8	20.1
3 2	12 31.13	− 6 43.9	0.988	1.919	14.2	19.8
3 12	12 25.05	− 6 11.7	0.933	1.906	8.7	19.4
3 22	12 16.79	− 5 20.1	0.900	1.894	2.9	19.1
4 1	12 7.83	− 4 17.4	0.890	1.884	4.5	19.1
4 11	11 59.89	− 3 15.1	0.902	1.875	10.7	19.4
4 21	11 54.36	− 2 23.8	0.935	1.867	16.3	19.7
5 1	11 52.14	− 1 51.4	0.985	1.860	21.2	20.0

506427 2000 RE_{34} 3 24.4 228.°03 1.°8/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.55	−10 12.0	2.655	3.459	10.9	23.0
3 2	12 31.97	− 9 49.5	2.550	3.443	8.3	22.8
3 12	12 24.85	− 9 13.6	2.471	3.427	5.3	22.6
3 22	12 16.69	− 8 26.3	2.420	3.409	2.4	22.3
4 1	12 8.20	− 7 31.3	2.400	3.391	2.6	22.3
4 11	12 0.12	− 6 33.4	2.411	3.372	5.7	22.5
4 21	11 53.12	− 5 37.7	2.450	3.352	8.9	22.7
5 1	11 47.73	− 4 48.8	2.514	3.331	11.7	22.8

244644 2003 FZ_{45} 3 24.4 6.°95 0.°6/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.20	− 3 11.0	2.080	2.930	11.7	20.1
3 2	12 28.29	− 2 13.9	2.006	2.931	8.5	19.9
3 12	12 22.77	− 1 5.1	1.958	2.931	4.7	19.7
3 22	12 16.27	+ 0 10.2	1.937	2.932	0.9	19.4
4 1	12 9.56	+ 1 25.3	1.945	2.934	3.4	19.6
4 11	12 3.46	+ 2 33.5	1.980	2.935	7.2	19.9
4 21	11 58.66	+ 3 29.6	2.042	2.937	10.7	20.1
5 1	11 55.62	+ 4 10.2	2.126	2.939	13.7	20.3

300141 2006 VV_{61} 3 24.4 154.°09 0.°1/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.42	− 3 20.4	2.951	3.782	9.2	22.1
3 2	12 29.42	− 2 49.5	2.875	3.789	6.6	21.9
3 12	12 23.24	− 2 11.0	2.826	3.796	3.8	21.7
3 22	12 16.35	− 1 28.1	2.807	3.802	0.7	21.5
4 1	12 9.33	− 0 44.5	2.818	3.808	2.4	21.6
4 11	12 2.78	− 0 3.9	2.860	3.814	5.3	21.8
4 21	11 57.20	+ 0 30.3	2.929	3.819	8.0	22.0
5 1	11 52.97	+ 0 55.7	3.023	3.824	10.3	22.2

503794 2017 BK_{12} 3 24.4 26.°71 15.°9/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 49.08	−27 57.0	1.130	1.889	25.0	20.9
3 2	12 42.74	−30 36.9	1.064	1.891	22.2	20.7
3 12	12 32.16	−32 44.4	1.015	1.893	19.3	20.5
3 22	12 18.30	−34 7.0	0.984	1.895	16.9	20.4
4 1	12 3.10	−34 36.9	0.973	1.898	15.9	20.3
4 11	11 49.06	−34 16.8	0.982	1.901	16.8	20.3
4 21	11 38.30	−33 18.9	1.009	1.905	19.0	20.5
5 1	11 32.07	−32 0.6	1.054	1.908	21.7	20.7

287635 2003 HJ_{45} 3 24.4 328.°51 4.°1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.67	−17 6.1	2.072	2.867	13.9	20.1
3 2	12 28.08	−16 44.6	1.979	2.856	11.1	19.9
3 12	12 22.74	−16 1.1	1.907	2.847	8.0	19.6
3 22	12 16.28	−14 57.1	1.862	2.837	5.1	19.4
4 1	12 9.49	−13 37.0	1.843	2.828	4.3	19.4
4 11	12 3.26	−12 7.7	1.853	2.819	6.6	19.5
4 21	11 58.35	−10 37.3	1.888	2.811	9.9	19.7
5 1	11 55.32	− 9 13.3	1.948	2.803	13.1	19.9

329595 2003 BA_{85} 3 24.4 20.°75 4.°5/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.15	+ 6 35.7	1.230	2.114	15.8	19.5
3 2	12 32.59	+ 7 20.3	1.182	2.122	11.3	19.3
3 12	12 25.46	+ 8 8.2	1.156	2.131	6.8	19.1
3 22	12 16.81	+ 8 50.4	1.153	2.142	4.6	19.0
4 1	12 8.01	+ 9 18.4	1.176	2.153	7.5	19.2
4 11	12 0.45	+ 9 26.2	1.221	2.166	11.9	19.4
4 21	11 55.12	+ 9 12.2	1.288	2.179	16.0	19.7
5 1	11 52.58	+ 8 37.3	1.373	2.193	19.4	20.0

507294 2011 JJ_9 3 24.4 213.°25 6.°9/15.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.70	+20 14.8	2.427	3.281	10.1	21.7
3 2	12 32.10	+21 29.5	2.367	3.275	8.2	21.5
3 12	12 24.89	+22 37.1	2.334	3.269	7.0	21.4
3 22	12 16.69	+23 30.8	2.328	3.262	7.2	21.4
4 1	12 8.30	+24 5.2	2.350	3.255	8.8	21.5
4 11	12 0.56	+24 17.5	2.397	3.247	10.9	21.6
4 21	11 54.13	+24 7.5	2.466	3.239	13.0	21.8
5 1	11 49.50	+23 37.1	2.554	3.231	14.9	21.9

265320 2004 NJ_{14} 3 24.4 226.°93 1.°7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.22	+ 0 16.2	1.993	2.847	12.0	20.9
3 2	12 31.30	+ 1 11.7	1.914	2.841	8.6	20.7
3 12	12 24.56	+ 2 16.8	1.859	2.834	4.8	20.4
3 22	12 16.64	+ 3 25.7	1.833	2.827	1.7	20.2
4 1	12 8.42	+ 4 31.5	1.836	2.820	4.4	20.4
4 11	12 0.85	+ 5 27.6	1.866	2.812	8.3	20.6
4 21	11 54.70	+ 6 9.3	1.922	2.804	11.9	20.8
5 1	11 50.54	+ 6 33.9	1.999	2.796	15.0	21.0

362756 2011 VS_{10} 3 24.4 126.°61 3.°4/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.59	−13 21.9	1.670	2.484	15.8	20.8
3 2	12 33.26	−13 2.3	1.599	2.493	12.3	20.5
3 12	12 25.75	−12 20.3	1.549	2.502	8.2	20.3
3 22	12 16.88	−11 18.7	1.525	2.511	4.4	20.1
4 1	12 7.74	−10 3.5	1.529	2.519	4.0	20.1
4 11	11 59.50	− 8 43.5	1.560	2.527	7.6	20.3
4 21	11 53.08	− 7 27.4	1.617	2.534	11.6	20.6
5 1	11 49.06	− 6 22.3	1.695	2.541	15.2	20.8

410302 2007 TR_{361} 3 24.4 214.°46 2.°4/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.07	+ 3 38.7	2.213	3.060	11.2	22.0
3 2	12 34.69	+ 4 26.7	2.126	3.050	8.1	21.8
3 12	12 26.46	+ 5 20.4	2.066	3.039	4.7	21.6
3 22	12 17.02	+ 6 14.5	2.036	3.027	2.4	21.4
4 1	12 7.25	+ 7 3.1	2.035	3.013	4.8	21.5
4 11	11 58.07	+ 7 40.7	2.064	2.999	8.3	21.7
4 21	11 50.27	+ 8 4.1	2.119	2.984	11.7	21.9
5 1	11 44.45	+ 8 11.5	2.196	2.967	14.6	22.1

406477 2007 UV_{90} 3 24.4 63.°75 0.°7/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.60	− 2 21.9	1.386	2.246	15.9	21.5
3 2	12 34.10	− 1 48.1	1.335	2.263	11.5	21.3
3 12	12 26.22	− 1 1.1	1.307	2.281	6.4	21.1
3 22	12 16.96	− 0 7.4	1.303	2.299	1.2	20.8
4 1	12 7.59	+ 0 44.9	1.326	2.317	4.3	21.0
4 11	11 59.41	+ 1 28.1	1.375	2.335	9.3	21.4
4 21	11 53.33	+ 1 56.9	1.448	2.353	13.6	21.6
5 1	11 49.91	+ 2 8.5	1.540	2.371	17.2	21.9

117053 2004 JJ_{43} 3 24.4 241.°98 3.°8/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.74	−18 25.8	2.856	3.621	11.2	20.3
3 2	12 29.17	−18 12.2	2.750	3.608	9.0	20.1
3 12	12 23.22	−17 41.8	2.668	3.593	6.7	19.9
3 22	12 16.37	−16 55.6	2.612	3.579	4.5	19.7
4 1	12 9.24	−15 56.1	2.586	3.564	3.9	19.7
4 11	12 2.50	−14 47.8	2.589	3.549	5.5	19.8
4 21	11 56.76	−13 36.1	2.620	3.533	7.9	19.9
5 1	11 52.47	−12 26.2	2.677	3.517	10.4	20.0

397221 2006 HH_{82} 3 24.4 300.°34 1.°9/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.03	+ 0 20.8	1.376	2.245	15.5	21.2
3 2	12 33.50	+ 0 56.6	1.290	2.223	11.3	20.9
3 12	12 26.24	+ 1 45.2	1.226	2.202	6.4	20.5
3 22	12 17.03	+ 2 40.2	1.186	2.181	2.0	20.2
4 1	12 7.13	+ 3 33.0	1.172	2.160	5.5	20.4
4 11	11 57.98	+ 4 14.6	1.183	2.139	10.9	20.6
4 21	11 50.85	+ 4 38.6	1.217	2.119	15.9	20.8
5 1	11 46.59	+ 4 41.6	1.269	2.099	20.1	21.0

506218 2016 JN_{28} 3 24.4 200.°29 2.°7/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.97	+ 4 18.5	2.554	3.408	9.7	22.1
3 2	12 30.05	+ 5 38.7	2.477	3.404	6.9	21.9
3 12	12 23.70	+ 7 4.4	2.427	3.399	4.1	21.8
3 22	12 16.46	+ 8 29.6	2.407	3.393	2.8	21.7
4 1	12 9.01	+ 9 48.1	2.417	3.387	4.8	21.8
4 11	12 2.06	+10 54.5	2.457	3.381	7.8	21.9
4 21	11 56.21	+11 45.3	2.523	3.373	10.5	22.1
5 1	11 51.93	+12 18.7	2.612	3.365	13.0	22.3

194249 2001 TL_{199} 3 24.5 88.°77 4.°9/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.59	+ 7 13.8	1.389	2.262	15.1	20.2
3 2	12 35.52	+ 8 20.0	1.344	2.278	10.9	20.0
3 12	12 27.02	+ 9 28.5	1.321	2.294	6.7	19.8
3 22	12 17.12	+10 30.0	1.325	2.310	4.9	19.7
4 1	12 7.17	+11 15.4	1.354	2.325	7.6	19.9
4 11	11 58.47	+11 39.1	1.409	2.341	11.7	20.2
4 21	11 51.97	+11 39.5	1.486	2.356	15.5	20.5
5 1	11 48.19	+11 17.7	1.581	2.370	18.6	20.7

276505 2003 QZ_{67} 3 24.5 294.°31 2.°7/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.90	−10 21.1	1.875	2.698	14.0	20.2
3 2	12 31.99	−10 21.0	1.788	2.690	10.8	20.0
3 12	12 25.05	−10 4.2	1.724	2.682	7.0	19.7
3 22	12 16.77	− 9 32.7	1.687	2.675	3.5	19.5
4 1	12 8.08	− 8 50.5	1.677	2.667	3.5	19.5
4 11	12 0.04	− 8 3.6	1.694	2.660	7.2	19.7
4 21	11 53.53	− 7 18.6	1.737	2.653	11.1	19.9
5 1	11 49.20	− 6 41.0	1.802	2.646	14.5	20.1

235709 2004 TV_{59} 3 24.5 144.°43 1.°5/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.60	+ 1 6.2	2.031	2.882	12.0	20.8
3 2	12 32.89	+ 1 35.6	1.962	2.887	8.6	20.6
3 12	12 25.40	+ 2 11.8	1.917	2.891	4.8	20.3
3 22	12 16.81	+ 2 50.1	1.901	2.895	1.5	20.1
4 1	12 8.03	+ 3 25.2	1.914	2.900	4.0	20.3
4 11	11 59.98	+ 3 52.2	1.955	2.903	7.8	20.5
4 21	11 53.42	+ 4 7.6	2.021	2.907	11.2	20.7
5 1	11 48.85	+ 4 9.6	2.110	2.910	14.2	20.9

499330 2009 WA_{161} 3 24.5 215.°95 0.°3/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.61	− 4 41.9	2.329	3.160	11.3	22.9
3 2	12 32.13	− 4 11.8	2.239	3.152	8.3	22.7
3 12	12 24.98	− 3 30.5	2.174	3.143	4.9	22.5
3 22	12 16.75	− 2 41.6	2.138	3.133	1.1	22.2
4 1	12 8.21	− 1 49.7	2.132	3.123	2.8	22.3
4 11	12 0.21	− 1 0.4	2.155	3.112	6.6	22.5
4 21	11 53.45	− 0 18.2	2.205	3.101	10.0	22.7
5 1	11 48.47	+ 0 13.1	2.279	3.088	13.0	22.9

467047 2016 CX_{258} 3 24.5 287.°43 4.°9/18.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.89	+ 7 28.5	1.826	2.697	12.1	20.9
3 2	12 30.67	+ 9 8.9	1.736	2.670	8.8	20.6
3 12	12 24.39	+10 57.0	1.672	2.643	5.8	20.4
3 22	12 16.66	+12 43.5	1.636	2.615	5.1	20.3
4 1	12 8.42	+14 18.4	1.628	2.588	7.8	20.4
4 11	12 0.73	+15 33.1	1.646	2.560	11.5	20.5
4 21	11 54.52	+16 22.4	1.687	2.532	15.1	20.7
5 1	11 50.48	+16 45.0	1.747	2.504	18.3	20.8

241026 2006 QR_{63} 3 24.5 133.°27 3.°6/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.16	+ 7 45.3	2.436	3.298	9.8	20.8
3 2	12 29.46	+ 8 56.8	2.376	3.305	7.0	20.6
3 12	12 23.35	+10 10.0	2.343	3.312	4.5	20.4
3 22	12 16.41	+11 19.2	2.338	3.319	3.6	20.4
4 1	12 9.34	+12 18.4	2.364	3.326	5.5	20.5
4 11	12 2.87	+13 3.2	2.416	3.332	8.2	20.7
4 21	11 57.56	+13 31.4	2.494	3.338	10.9	20.9
5 1	11 53.85	+13 42.4	2.594	3.344	13.1	21.1

435380 2007 WD_{42} 3 24.5 69.°45 1.°3/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.09	+ 0 15.1	2.130	2.983	11.4	21.6
3 2	12 30.29	+ 0 55.4	2.064	2.990	8.1	21.4
3 12	12 23.88	+ 1 43.3	2.023	2.998	4.5	21.2
3 22	12 16.52	+ 2 33.8	2.011	3.005	1.4	21.0
4 1	12 9.01	+ 3 21.4	2.027	3.013	3.8	21.2
4 11	12 2.16	+ 4 0.9	2.071	3.021	7.4	21.4
4 21	11 56.65	+ 4 28.7	2.141	3.028	10.6	21.6
5 1	11 52.95	+ 4 42.6	2.233	3.036	13.4	21.8

406349 2007 RU_{128} 3 24.5 182.°07 0.°6/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.27	− 3 33.2	1.831	2.675	13.3	21.9
3 2	12 32.89	− 2 38.4	1.755	2.676	9.7	21.7
3 12	12 25.51	− 1 29.8	1.704	2.677	5.5	21.4
3 22	12 16.87	− 0 13.1	1.681	2.677	1.0	21.1
4 1	12 7.94	+ 1 3.9	1.687	2.676	3.8	21.3
4 11	11 59.78	+ 2 13.7	1.720	2.675	8.2	21.6
4 21	11 53.22	+ 3 10.0	1.779	2.673	12.1	21.8
5 1	11 48.85	+ 3 49.0	1.860	2.670	15.5	22.0

376217 2011 EQ_4 3 24.5 16.°21 1.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 30.52	−11 9.9	1.436	2.281	16.3	19.8
3 2	12 27.64	− 9 55.7	1.369	2.286	12.3	19.5
3 12	12 22.63	− 8 15.0	1.325	2.292	7.6	19.3
3 22	12 16.29	− 6 14.8	1.305	2.298	2.7	19.0
4 1	12 9.72	− 4 6.1	1.313	2.306	3.5	19.0
4 11	12 4.04	− 2 1.8	1.346	2.315	8.4	19.3
4 21	12 0.13	− 0 12.9	1.404	2.324	12.9	19.6
5 1	11 58.54	+ 1 13.4	1.483	2.334	16.7	19.9

414421 2009 CA_{65} 3 24.5 349.°39 1.°6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.42	− 1 6.6	1.210	2.086	16.6	21.1
3 2	12 31.61	− 0 23.7	1.144	2.081	12.0	20.8
3 12	12 25.11	+ 0 34.5	1.099	2.076	6.8	20.5
3 22	12 16.82	+ 1 40.4	1.077	2.072	1.7	20.2
4 1	12 8.10	+ 2 44.0	1.080	2.070	5.4	20.4
4 11	12 0.42	+ 3 35.3	1.107	2.068	10.9	20.7
4 21	11 54.93	+ 4 7.5	1.155	2.066	15.8	21.0
5 1	11 52.35	+ 4 17.3	1.222	2.066	19.9	21.2

433779 2015 BX_{66} 3 24.5 42.°35 2.°1/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.09	+ 2 12.8	1.829	2.689	12.6	21.3
3 2	12 31.99	+ 2 51.1	1.762	2.692	9.0	21.1
3 12	12 24.96	+ 3 36.4	1.720	2.695	5.1	20.9
3 22	12 16.76	+ 4 22.8	1.704	2.698	2.1	20.7
4 1	12 8.33	+ 5 4.0	1.717	2.701	4.7	20.8
4 11	12 0.70	+ 5 34.5	1.757	2.704	8.6	21.1
4 21	11 54.65	+ 5 50.7	1.821	2.707	12.3	21.3
5 1	11 50.72	+ 5 50.9	1.906	2.710	15.4	21.5

368723 2005 UY_{50} 3 24.5 168.°09 1.°3/26.0 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.56	− 8 33.9	2.500	3.314	11.2	23.0
3 2	12 31.92	− 8 4.7	2.419	3.319	8.4	22.8
3 12	12 24.78	− 7 22.7	2.363	3.324	5.2	22.6
3 22	12 16.72	− 6 31.0	2.336	3.328	1.9	22.4
4 1	12 8.46	− 5 33.9	2.340	3.332	2.5	22.4
4 11	12 0.78	− 4 36.6	2.374	3.334	5.8	22.7
4 21	11 54.30	− 3 44.1	2.435	3.336	9.0	22.9
5 1	11 49.49	− 3 0.3	2.521	3.338	11.7	23.0

204827 2007 PR_{20} 3 24.5 275.°69 1.°4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.58	− 0 53.5	2.067	2.919	11.7	20.5
3 2	12 30.18	+ 0 6.2	1.974	2.900	8.5	20.3
3 12	12 23.99	+ 1 17.4	1.905	2.880	4.7	20.0
3 22	12 16.59	+ 2 34.7	1.865	2.860	1.5	19.7
4 1	12 8.79	+ 3 51.0	1.854	2.839	4.1	19.9
4 11	12 1.51	+ 4 59.2	1.871	2.819	8.1	20.1
4 21	11 55.53	+ 5 53.8	1.913	2.798	11.8	20.3
5 1	11 51.45	+ 6 31.1	1.977	2.777	15.0	20.4

215801 2004 PK_{64} 3 24.5 280.°48 2.°6/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.58	−12 18.3	2.435	3.241	11.7	20.6
3 2	12 29.24	−12 2.4	2.336	3.227	9.1	20.4
3 12	12 23.35	−11 31.2	2.261	3.213	6.1	20.2
3 22	12 16.45	−10 46.3	2.214	3.199	3.3	20.0
4 1	12 9.23	− 9 51.6	2.196	3.185	3.0	19.9
4 11	12 2.47	− 8 52.0	2.206	3.171	5.9	20.1
4 21	11 56.82	− 7 53.3	2.244	3.157	9.0	20.3
5 1	11 52.82	− 7 0.5	2.305	3.143	11.9	20.4

241153 2007 RQ_{39} 3 24.5 244.°34 1.°1/23.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.76	− 2 33.7	1.710	2.561	13.8	21.4
3 2	12 32.79	− 1 31.1	1.622	2.548	10.0	21.1
3 12	12 25.61	− 0 13.1	1.559	2.533	5.7	20.8
3 22	12 16.93	+ 1 13.9	1.523	2.518	1.3	20.5
4 1	12 7.77	+ 2 41.4	1.515	2.503	4.5	20.7
4 11	11 59.28	+ 4 0.1	1.535	2.487	9.2	20.9
4 21	11 52.45	+ 5 2.9	1.579	2.470	13.5	21.1
5 1	11 47.98	+ 5 45.5	1.644	2.453	17.2	21.3

517647 2015 BX_{542} 3 24.5 21.°73 0.°2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.06	− 5 2.3	1.866	2.711	13.1	21.7
3 2	12 30.54	− 4 23.5	1.792	2.712	9.6	21.5
3 12	12 24.15	− 3 30.9	1.742	2.713	5.6	21.2
3 22	12 16.61	− 2 29.1	1.718	2.714	1.2	20.9
4 1	12 8.81	− 1 24.6	1.723	2.715	3.3	21.1
4 11	12 1.72	− 0 24.4	1.756	2.716	7.5	21.3
4 21	11 56.13	+ 0 25.5	1.814	2.718	11.3	21.6
5 1	11 52.59	+ 1 1.2	1.893	2.719	14.6	21.8

34329 2000 QO_{206} 3 24.5 163.°37 0.°2/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.29	− 2 49.1	2.076	2.917	12.2	19.3
3 2	12 32.69	− 2 22.9	2.002	2.920	8.8	19.1
3 12	12 25.31	− 1 46.7	1.952	2.923	5.0	18.9
3 22	12 16.84	− 1 4.5	1.931	2.926	1.0	18.6
4 1	12 8.13	− 0 21.5	1.938	2.929	3.2	18.8
4 11	12 0.12	+ 0 17.0	1.975	2.931	7.2	19.0
4 21	11 53.55	+ 0 46.5	2.037	2.932	10.7	19.3
5 1	11 48.94	+ 1 4.1	2.122	2.934	13.7	19.5

249439 2009 FT_{52} 3 24.5 249.°79 1.°9/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.10	− 7 34.3	1.731	2.561	14.7	21.1
3 2	12 35.28	− 7 35.3	1.639	2.548	11.1	20.8
3 12	12 27.08	− 7 21.0	1.571	2.534	6.9	20.5
3 22	12 17.23	− 6 53.6	1.528	2.520	2.7	20.2
4 1	12 6.82	− 6 17.3	1.514	2.506	3.6	20.2
4 11	11 57.08	− 5 38.5	1.527	2.491	8.1	20.5
4 21	11 49.06	− 5 3.6	1.566	2.476	12.4	20.7
5 1	11 43.52	− 4 38.1	1.626	2.461	16.2	20.9

390469 2013 YF_{120} 3 24.5 198.°29 0.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.75	− 3 9.4	2.601	3.436	10.2	22.1
3 2	12 30.60	− 2 33.1	2.516	3.432	7.4	21.9
3 12	12 24.03	− 1 47.7	2.458	3.428	4.2	21.7
3 22	12 16.58	− 0 57.0	2.428	3.424	0.8	21.4
4 1	12 8.90	− 0 5.3	2.429	3.419	2.7	21.6
4 11	12 1.72	+ 0 42.6	2.460	3.414	6.1	21.8
4 21	11 55.63	+ 1 22.7	2.518	3.408	9.2	22.0
5 1	11 51.10	+ 1 52.0	2.600	3.401	11.8	22.2

244567 2002 VR_{126} 3 24.5 20.°79 15.°1/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 46.51	+40 2.0	1.661	2.466	16.3	19.2
3 2	12 38.99	+41 7.3	1.643	2.475	15.4	19.2
3 12	12 28.87	+41 41.8	1.645	2.485	15.1	19.2
3 22	12 17.50	+41 37.7	1.667	2.496	15.6	19.3
4 1	12 6.42	+40 52.1	1.709	2.507	16.7	19.4
4 11	11 57.05	+39 27.9	1.770	2.520	18.1	19.5
4 21	11 50.26	+37 32.1	1.847	2.533	19.5	19.6
5 1	11 46.43	+35 12.8	1.939	2.547	20.8	19.8

131928 2002 CV_4 3 24.5 356.°66 1.°9/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.80	+ 1 45.8	1.134	2.012	17.3	18.6
3 2	12 34.96	+ 1 50.8	1.071	2.009	12.6	18.3
3 12	12 27.09	+ 2 4.6	1.028	2.006	7.1	18.0
3 22	12 17.24	+ 2 21.2	1.009	2.004	2.1	17.7
4 1	12 6.94	+ 2 33.3	1.014	2.003	5.6	17.9
4 11	11 57.85	+ 2 34.1	1.042	2.004	11.2	18.2
4 21	11 51.24	+ 2 19.7	1.092	2.005	16.3	18.5
5 1	11 47.86	+ 1 48.6	1.159	2.007	20.5	18.7

9726 Verbiscer 3 24.5 238.°17 0.°5/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.63	− 5 27.1	2.092	2.929	12.2	19.0
3 2	12 30.82	− 4 59.6	2.011	2.927	9.0	18.8
3 12	12 24.28	− 4 19.6	1.955	2.924	5.3	18.5
3 22	12 16.65	− 3 30.9	1.926	2.921	1.4	18.2
4 1	12 8.75	− 2 38.6	1.927	2.919	2.9	18.4
4 11	12 1.47	− 1 48.7	1.955	2.916	6.8	18.6
4 21	11 55.53	− 1 6.2	2.009	2.913	10.4	18.8
5 1	11 51.49	− 0 35.0	2.087	2.910	13.5	19.0

19010 2000 RT_{72} 3 24.5 127.°27 3.°7/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.56	−18 34.1	2.507	3.281	12.3	18.4
3 2	12 28.39	−17 55.4	2.420	3.284	9.9	18.2
3 12	12 22.80	−16 56.7	2.356	3.287	7.1	18.1
3 22	12 16.34	−15 40.3	2.319	3.291	4.6	17.9
4 1	12 9.70	−14 10.4	2.311	3.294	3.8	17.9
4 11	12 3.61	−12 33.5	2.333	3.297	5.7	18.0
4 21	11 58.65	−10 56.5	2.383	3.300	8.4	18.2
5 1	11 55.28	− 9 25.8	2.458	3.303	11.1	18.3

286551 2002 CC_{173} 3 24.5 94.°89 1.°4/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.55	+ 0 27.8	1.478	2.336	15.2	20.1
3 2	12 36.26	+ 0 46.6	1.417	2.345	11.0	19.9
3 12	12 27.53	+ 1 14.6	1.380	2.354	6.2	19.6
3 22	12 17.30	+ 1 46.0	1.368	2.363	1.6	19.4
4 1	12 6.86	+ 2 14.4	1.384	2.372	4.7	19.6
4 11	11 57.53	+ 2 33.5	1.426	2.381	9.5	19.9
4 21	11 50.30	+ 2 39.5	1.492	2.390	13.7	20.1
5 1	11 45.76	+ 2 30.4	1.578	2.398	17.3	20.4

298885 2004 SF_{46} 3 24.5 158.°30 1.°3/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.65	− 7 45.2	1.936	2.760	13.6	21.8
3 2	12 34.50	− 7 16.9	1.861	2.768	10.1	21.6
3 12	12 26.39	− 6 33.3	1.811	2.776	6.1	21.4
3 22	12 17.07	− 5 38.1	1.789	2.782	2.1	21.1
4 1	12 7.52	− 4 37.1	1.796	2.788	3.1	21.2
4 11	11 58.76	− 3 37.2	1.832	2.793	7.2	21.5
4 21	11 51.61	− 2 44.4	1.895	2.798	11.0	21.7
5 1	11 46.64	− 2 3.4	1.980	2.801	14.2	21.9

56615 2000 JL_{69} 3 24.5 225.°67 11.°7/ 9.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.03	+28 29.6	1.747	2.599	13.5	18.9
3 2	12 32.97	+30 41.5	1.712	2.598	12.1	18.8
3 12	12 25.63	+32 35.7	1.701	2.597	11.7	18.7
3 22	12 16.92	+34 1.1	1.714	2.596	12.6	18.8
4 1	12 8.00	+34 50.5	1.750	2.595	14.4	18.9
4 11	12 0.08	+35 1.9	1.806	2.593	16.5	19.0
4 21	11 54.08	+34 38.1	1.878	2.592	18.4	19.2
5 1	11 50.56	+33 44.1	1.965	2.591	20.2	19.3

74636 1999 RK_{52} 3 24.5 229.°79 1.°4/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.67	− 0 7.3	1.924	2.772	12.6	20.3
3 2	12 33.96	+ 0 35.1	1.837	2.760	9.1	20.0
3 12	12 26.19	+ 1 27.5	1.774	2.748	5.1	19.8
3 22	12 17.06	+ 2 24.5	1.740	2.735	1.5	19.5
4 1	12 7.51	+ 3 19.7	1.735	2.721	4.3	19.7
4 11	11 58.61	+ 4 6.4	1.758	2.707	8.5	19.9
4 21	11 51.24	+ 4 39.9	1.807	2.692	12.4	20.1
5 1	11 46.05	+ 4 57.2	1.877	2.676	15.7	20.3

136463 2005 EK_{252} 3 24.5 178.°14 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.13	− 4 31.7	2.079	2.913	12.4	21.0
3 2	12 33.33	− 3 56.9	2.001	2.915	9.1	20.7
3 12	12 25.71	− 3 9.9	1.947	2.917	5.2	20.5
3 22	12 16.96	− 2 15.1	1.922	2.918	1.1	20.2
4 1	12 7.95	− 1 17.9	1.927	2.918	3.1	20.4
4 11	11 59.62	− 0 24.7	1.960	2.917	7.1	20.6
4 21	11 52.74	+ 0 19.6	2.021	2.916	10.8	20.8
5 1	11 47.86	+ 0 51.2	2.103	2.914	13.9	21.0

433044 2012 SF_{37} 3 24.5 232.°87 0.°5/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.92	− 4 51.4	2.218	3.052	11.7	21.6
3 2	12 31.70	− 4 33.4	2.132	3.046	8.6	21.4
3 12	12 24.79	− 4 4.6	2.071	3.039	5.1	21.1
3 22	12 16.78	− 3 27.9	2.038	3.033	1.3	20.8
4 1	12 8.47	− 2 47.9	2.034	3.026	2.8	20.9
4 11	12 0.73	− 2 9.6	2.059	3.019	6.6	21.2
4 21	11 54.28	− 1 37.5	2.110	3.011	10.1	21.4
5 1	11 49.67	− 1 15.3	2.185	3.004	13.2	21.6

285417 1999 VH_{46} 3 24.5 183.°94 4.°0/29.0 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.46	−17 11.4	2.246	3.024	13.5	21.0
3 2	12 32.84	−16 52.7	2.156	3.025	10.7	20.8
3 12	12 25.45	−16 13.5	2.090	3.025	7.7	20.7
3 22	12 16.91	−15 15.4	2.050	3.024	4.9	20.5
4 1	12 8.09	−14 2.4	2.039	3.022	4.2	20.4
4 11	11 59.88	−12 40.8	2.058	3.020	6.5	20.6
4 21	11 53.06	−11 18.0	2.104	3.016	9.6	20.7
5 1	11 48.17	−10 0.8	2.175	3.012	12.6	20.9

406468 2007 US_{54} 3 24.5 162.°02 0.°7/23.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.16	− 2 4.9	1.972	2.814	12.7	22.6
3 2	12 34.10	− 1 25.2	1.901	2.820	9.1	22.4
3 12	12 26.16	− 0 35.0	1.854	2.826	5.1	22.1
3 22	12 17.05	+ 0 20.6	1.836	2.832	1.1	21.8
4 1	12 7.73	+ 1 15.6	1.848	2.836	3.6	22.0
4 11	11 59.17	+ 2 3.7	1.888	2.840	7.7	22.3
4 21	11 52.18	+ 2 40.3	1.954	2.843	11.4	22.5
5 1	11 47.29	+ 3 2.5	2.042	2.845	14.5	22.7

508688 2017 UL_{17} 3 24.5 82.°43 0.°2/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.59	− 3 52.4	2.285	3.127	11.2	21.6
3 2	12 29.15	− 3 5.4	2.216	3.136	8.1	21.4
3 12	12 23.24	− 2 8.0	2.173	3.145	4.6	21.2
3 22	12 16.45	− 1 4.6	2.158	3.153	0.9	20.9
4 1	12 9.52	− 0 0.6	2.172	3.162	2.9	21.1
4 11	12 3.20	+ 0 58.1	2.215	3.171	6.5	21.3
4 21	11 58.09	+ 1 47.1	2.284	3.180	9.7	21.5
5 1	11 54.64	+ 2 23.2	2.377	3.189	12.4	21.7

166889 2002 YR_{16} 3 24.5 88.°58 2.°8/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.99	+ 4 59.0	2.192	3.051	10.9	19.6
3 2	12 30.87	+ 5 49.5	2.136	3.065	7.7	19.4
3 12	12 24.20	+ 6 43.4	2.105	3.078	4.5	19.3
3 22	12 16.65	+ 7 35.2	2.103	3.092	2.8	19.2
4 1	12 9.00	+ 8 19.2	2.130	3.105	4.9	19.3
4 11	12 2.05	+ 8 51.2	2.184	3.118	8.0	19.5
4 21	11 56.45	+ 9 8.6	2.264	3.131	11.0	19.7
5 1	11 52.62	+ 9 10.5	2.366	3.144	13.5	19.9

283628 2002 CN_{273} 3 24.5 82.°47 1.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.50	− 1 39.3	1.815	2.666	13.1	21.3
3 2	12 32.18	− 0 51.2	1.760	2.685	9.4	21.1
3 12	12 25.02	+ 0 7.1	1.730	2.704	5.2	20.9
3 22	12 16.81	+ 1 9.7	1.728	2.723	1.2	20.6
4 1	12 8.52	+ 2 9.7	1.754	2.742	3.9	20.9
4 11	12 1.12	+ 3 0.6	1.807	2.760	8.0	21.2
4 21	11 55.33	+ 3 38.0	1.886	2.779	11.6	21.4
5 1	11 51.65	+ 3 59.5	1.986	2.797	14.6	21.6

196547 2003 QE_2 3 24.5 257.°34 0.°3/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.83	− 3 16.7	2.054	2.898	12.1	21.0
3 2	12 31.06	− 2 38.3	1.966	2.887	8.8	20.8
3 12	12 24.49	− 1 48.1	1.904	2.876	5.0	20.5
3 22	12 16.74	− 0 50.5	1.869	2.865	1.0	20.2
4 1	12 8.65	+ 0 8.7	1.863	2.853	3.3	20.4
4 11	12 1.14	+ 1 3.1	1.885	2.842	7.4	20.6
4 21	11 54.98	+ 1 47.4	1.934	2.830	11.1	20.8
5 1	11 50.76	+ 2 18.0	2.004	2.818	14.3	21.0

144128 2004 BW_{88} 3 24.5 102.°31 2.°8/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.11	−11 54.6	1.723	2.542	15.2	20.3
3 2	12 32.84	−11 31.3	1.656	2.556	11.6	20.1
3 12	12 25.51	−10 47.7	1.612	2.569	7.6	19.9
3 22	12 16.94	− 9 47.2	1.594	2.582	3.7	19.7
4 1	12 8.16	− 8 35.9	1.603	2.594	3.6	19.7
4 11	12 0.28	− 7 21.9	1.640	2.606	7.4	20.0
4 21	11 54.13	− 6 13.1	1.703	2.618	11.2	20.2
5 1	11 50.28	− 5 15.8	1.788	2.630	14.6	20.5

464519 2016 CP_4 3 24.5 190.°51 0.°9/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.22	− 2 25.1	1.934	2.777	12.8	22.0
3 2	12 33.54	− 1 28.3	1.855	2.776	9.2	21.8
3 12	12 25.90	− 0 19.2	1.802	2.774	5.2	21.5
3 22	12 17.03	+ 0 56.5	1.776	2.772	1.2	21.2
4 1	12 7.86	+ 2 11.6	1.781	2.768	3.9	21.4
4 11	11 59.40	+ 3 18.7	1.813	2.764	8.1	21.7
4 21	11 52.48	+ 4 12.2	1.872	2.759	11.9	21.9
5 1	11 47.69	+ 4 48.6	1.953	2.753	15.2	22.1

438643 2008 CS_{100} 3 24.5 279.°81 5.°1/18.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.72	+12 55.0	2.290	3.155	10.2	20.9
3 2	12 30.04	+14 3.4	2.225	3.151	7.6	20.8
3 12	12 23.79	+15 10.1	2.187	3.147	5.6	20.6
3 22	12 16.59	+16 8.5	2.177	3.144	5.3	20.6
4 1	12 9.20	+16 52.7	2.195	3.140	7.1	20.7
4 11	12 2.42	+17 18.9	2.239	3.136	9.7	20.9
4 21	11 56.90	+17 25.6	2.307	3.132	12.3	21.0
5 1	11 53.11	+17 13.1	2.395	3.128	14.5	21.2

376315 2011 GE_{32} 3 24.5 46.°31 3.°1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.99	+ 4 50.3	1.791	2.657	12.6	21.0
3 2	12 31.95	+ 5 38.3	1.730	2.662	9.0	20.8
3 12	12 24.97	+ 6 30.9	1.693	2.667	5.3	20.6
3 22	12 16.84	+ 7 21.5	1.682	2.672	3.1	20.5
4 1	12 8.51	+ 8 3.5	1.700	2.678	5.6	20.6
4 11	12 1.02	+ 8 31.5	1.745	2.683	9.3	20.9
4 21	11 55.14	+ 8 42.5	1.813	2.689	12.8	21.1
5 1	11 51.41	+ 8 35.7	1.902	2.695	15.8	21.3

219751 2001 YL_8 3 24.5 187.°03 6.°3/17.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.69	+15 1.7	2.076	2.940	11.2	20.3
3 2	12 32.31	+16 27.9	2.017	2.940	8.6	20.2
3 12	12 25.13	+17 50.4	1.985	2.939	6.6	20.0
3 22	12 16.87	+19 1.4	1.981	2.938	6.6	20.0
4 1	12 8.41	+19 53.8	2.004	2.936	8.5	20.1
4 11	12 0.68	+20 23.5	2.053	2.935	11.2	20.3
4 21	11 54.43	+20 29.5	2.125	2.932	13.8	20.5
5 1	11 50.17	+20 13.3	2.216	2.930	16.0	20.6

126514 2002 CK_{74} 3 24.5 220.°61 0.°6/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.91	− 1 21.9	2.558	3.400	10.1	20.2
3 2	12 30.04	− 0 54.1	2.476	3.396	7.3	20.1
3 12	12 23.75	− 0 19.0	2.420	3.393	4.1	19.8
3 22	12 16.59	+ 0 20.1	2.393	3.389	0.8	19.6
4 1	12 9.23	+ 0 58.9	2.396	3.385	2.9	19.7
4 11	12 2.36	+ 1 33.0	2.428	3.381	6.2	20.0
4 21	11 56.58	+ 1 59.3	2.487	3.377	9.2	20.1
5 1	11 52.36	+ 2 15.0	2.569	3.373	11.9	20.3

148814 2001 UK_{117} 3 24.5 74.°70 1.°4/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.89	− 0 10.3	1.697	2.554	13.6	20.2
3 2	12 32.66	+ 0 29.2	1.635	2.563	9.7	19.9
3 12	12 25.41	+ 1 18.3	1.597	2.572	5.4	19.7
3 22	12 16.93	+ 2 10.9	1.586	2.581	1.5	19.5
4 1	12 8.27	+ 3 0.4	1.603	2.590	4.3	19.7
4 11	12 0.50	+ 3 40.1	1.647	2.599	8.6	19.9
4 21	11 54.45	+ 4 5.7	1.715	2.608	12.5	20.2
5 1	11 50.65	+ 4 15.1	1.804	2.617	15.7	20.4

371077 2005 UW_{333} 3 24.5 118.°20 3.°0/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.83	+ 5 18.6	2.044	2.901	11.6	21.2
3 2	12 33.00	+ 6 10.9	1.988	2.916	8.3	21.0
3 12	12 25.46	+ 7 6.5	1.957	2.930	4.9	20.8
3 22	12 16.93	+ 7 59.4	1.956	2.944	3.1	20.7
4 1	12 8.31	+ 8 43.6	1.983	2.957	5.2	20.9
4 11	12 0.50	+ 9 14.4	2.038	2.970	8.6	21.1
4 21	11 54.19	+ 9 29.4	2.118	2.983	11.7	21.3
5 1	11 49.85	+ 9 28.0	2.220	2.995	14.3	21.5

143573 2003 EU_{58} 3 24.5 111.°16 3.°7/19.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.87	+ 6 49.3	2.424	3.288	9.8	20.1
3 2	12 28.58	+ 8 33.9	2.366	3.297	7.0	20.0
3 12	12 22.91	+10 21.7	2.336	3.306	4.5	19.8
3 22	12 16.42	+12 5.4	2.336	3.315	3.9	19.8
4 1	12 9.80	+13 38.1	2.367	3.324	5.9	19.9
4 11	12 3.74	+14 54.1	2.425	3.332	8.6	20.1
4 21	11 58.83	+15 50.4	2.508	3.341	11.2	20.3
5 1	11 55.47	+16 26.3	2.613	3.349	13.4	20.5

423746 2006 BA_{277} 3 24.5 110.°51 3.°9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.75	−14 30.5	2.167	2.956	13.5	21.8
3 2	12 34.43	−14 46.6	2.097	2.973	10.6	21.6
3 12	12 26.32	−14 45.8	2.050	2.990	7.5	21.5
3 22	12 17.12	−14 29.0	2.030	3.006	4.6	21.3
4 1	12 7.73	−13 59.2	2.039	3.022	4.2	21.3
4 11	11 59.09	−13 21.2	2.077	3.037	6.5	21.5
4 21	11 51.95	−12 40.7	2.142	3.052	9.5	21.7
5 1	11 46.82	−12 3.2	2.231	3.067	12.3	21.9

435295 2007 TS_{426} 3 24.5 180.°21 1.°5/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.91	+ 2 25.3	2.479	3.326	10.2	21.7
3 2	12 32.19	+ 2 49.2	2.403	3.326	7.3	21.5
3 12	12 24.98	+ 3 17.6	2.354	3.327	4.1	21.3
3 22	12 16.85	+ 3 46.8	2.333	3.327	1.6	21.2
4 1	12 8.53	+ 4 12.6	2.343	3.327	3.6	21.3
4 11	12 0.79	+ 4 31.2	2.382	3.326	6.8	21.5
4 21	11 54.25	+ 4 40.1	2.448	3.325	9.8	21.7
5 1	11 49.39	+ 4 37.8	2.536	3.324	12.4	21.9

469002 2015 AJ_{203} 3 24.5 91.°89 9.°5/13.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.46	+25 52.7	1.997	2.845	12.2	20.7
3 2	12 34.24	+27 20.0	1.971	2.863	10.4	20.6
3 12	12 26.15	+28 32.0	1.969	2.881	9.5	20.6
3 22	12 17.07	+29 21.0	1.993	2.898	9.9	20.7
4 1	12 8.01	+29 42.0	2.041	2.916	11.4	20.8
4 11	11 59.99	+29 34.0	2.113	2.933	13.3	20.9
4 21	11 53.72	+28 59.6	2.205	2.949	15.2	21.1
5 1	11 49.65	+28 2.7	2.313	2.966	16.9	21.3

224649 2005 YT_{225} 3 24.5 196.°76 0.°5/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.00	− 2 43.8	2.238	3.078	11.4	21.8
3 2	12 31.73	− 2 2.9	2.157	3.075	8.3	21.6
3 12	12 24.80	− 1 11.9	2.101	3.072	4.7	21.4
3 22	12 16.83	− 0 15.0	2.073	3.069	0.9	21.1
4 1	12 8.60	+ 0 42.4	2.076	3.065	3.2	21.2
4 11	12 0.97	+ 1 34.5	2.107	3.060	7.0	21.5
4 21	11 54.62	+ 2 16.7	2.165	3.056	10.4	21.7
5 1	11 50.08	+ 2 46.0	2.246	3.050	13.3	21.9

29320 1994 PW_{14} 3 24.5 101.°52 1.°0/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.70	− 2 52.9	1.430	2.288	15.6	19.2
3 2	12 33.56	− 1 55.2	1.370	2.298	11.3	19.0
3 12	12 26.05	− 0 42.1	1.333	2.307	6.3	18.7
3 22	12 17.09	+ 0 38.7	1.321	2.317	1.3	18.4
4 1	12 7.91	+ 1 57.7	1.337	2.326	4.6	18.7
4 11	11 59.78	+ 3 5.5	1.379	2.335	9.5	19.0
4 21	11 53.67	+ 3 55.6	1.444	2.344	13.9	19.2
5 1	11 50.17	+ 4 24.9	1.529	2.353	17.6	19.5

25127 Laurentbrunetto 3 24.5 128.°86 0.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.60	− 3 52.9	2.090	2.931	12.0	19.5
3 2	12 30.77	− 3 15.8	2.016	2.935	8.7	19.3
3 12	12 24.27	− 2 27.4	1.967	2.938	5.0	19.0
3 22	12 16.72	− 1 32.1	1.946	2.941	1.0	18.7
4 1	12 8.97	− 0 35.4	1.954	2.944	3.1	18.9
4 11	12 1.87	+ 0 16.6	1.990	2.947	7.0	19.2
4 21	11 56.12	+ 0 59.1	2.052	2.950	10.5	19.4
5 1	11 52.25	+ 1 28.7	2.137	2.953	13.5	19.6

73695 1991 RL_{17} 3 24.5 208.°63 0.°5/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.79	− 5 48.1	2.133	2.962	12.3	19.8
3 2	12 33.16	− 5 13.7	2.044	2.956	9.1	19.6
3 12	12 25.69	− 4 26.0	1.981	2.948	5.4	19.4
3 22	12 17.03	− 3 28.8	1.945	2.940	1.4	19.1
4 1	12 8.03	− 2 27.5	1.940	2.932	3.0	19.2
4 11	11 59.62	− 1 28.5	1.964	2.922	7.0	19.4
4 21	11 52.60	− 0 37.2	2.014	2.912	10.7	19.6
5 1	11 47.54	+ 0 1.9	2.087	2.901	13.9	19.8

124513 2001 RN_{68} 3 24.5 106.°74 3.°8/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.43	−11 41.0	1.461	2.286	17.2	20.0
3 2	12 35.68	−11 51.3	1.392	2.293	13.3	19.8
3 12	12 27.36	−11 40.2	1.344	2.300	8.8	19.5
3 22	12 17.38	−11 9.4	1.320	2.306	4.7	19.3
4 1	12 7.03	−10 23.7	1.323	2.313	4.5	19.3
4 11	11 57.71	− 9 31.1	1.352	2.319	8.5	19.6
4 21	11 50.48	− 8 40.1	1.405	2.325	12.8	19.8
5 1	11 46.05	− 7 58.0	1.480	2.331	16.7	20.1

473794 2016 EK_{89} 3 24.5 210.°51 2.°1/26.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.06	− 8 32.0	1.750	2.578	14.6	21.8
3 2	12 34.41	− 8 27.6	1.668	2.575	11.1	21.6
3 12	12 26.55	− 8 6.9	1.609	2.571	7.0	21.3
3 22	12 17.22	− 7 32.4	1.577	2.568	2.9	21.0
4 1	12 7.48	− 6 48.9	1.572	2.564	3.5	21.1
4 11	11 58.50	− 6 2.9	1.595	2.560	7.7	21.3
4 21	11 51.24	− 5 21.2	1.644	2.555	11.8	21.5
5 1	11 46.36	− 4 49.0	1.714	2.551	15.4	21.8

431997 2008 UD_{284} 3 24.5 142.°12 1.°4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.62	+ 0 33.8	2.249	3.097	11.0	21.9
3 2	12 31.36	+ 1 15.9	2.180	3.104	7.9	21.7
3 12	12 24.54	+ 2 5.1	2.137	3.111	4.4	21.5
3 22	12 16.78	+ 2 56.5	2.123	3.117	1.4	21.3
4 1	12 8.85	+ 3 44.9	2.138	3.123	3.7	21.5
4 11	12 1.57	+ 4 25.2	2.182	3.129	7.2	21.7
4 21	11 55.58	+ 4 53.9	2.252	3.134	10.4	21.9
5 1	11 51.37	+ 5 9.0	2.345	3.139	13.1	22.1

422031 2014 QX_{347} 3 24.5 163.°62 0.°8/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.46	− 1 33.6	1.956	2.799	12.7	22.3
3 2	12 34.36	− 0 56.4	1.884	2.805	9.2	22.1
3 12	12 26.35	− 0 9.2	1.837	2.810	5.2	21.9
3 22	12 17.16	+ 0 42.9	1.819	2.814	1.1	21.6
4 1	12 7.74	+ 1 34.0	1.830	2.818	3.7	21.8
4 11	11 59.09	+ 2 18.0	1.870	2.822	7.8	22.1
4 21	11 52.03	+ 2 50.5	1.935	2.824	11.5	22.3
5 1	11 47.08	+ 3 8.7	2.023	2.826	14.6	22.5

519566 2012 SV_{69} 3 24.5 86.°93 1.°7/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.31	+ 3 1.4	2.158	3.008	11.4	21.4
3 2	12 33.33	+ 3 17.6	2.093	3.017	8.1	21.2
3 12	12 25.66	+ 3 37.9	2.053	3.027	4.6	21.0
3 22	12 17.01	+ 3 58.3	2.042	3.036	1.8	20.8
4 1	12 8.22	+ 4 14.5	2.061	3.045	4.0	21.0
4 11	12 0.17	+ 4 22.7	2.107	3.054	7.5	21.2
4 21	11 53.54	+ 4 20.7	2.180	3.062	10.7	21.4
5 1	11 48.82	+ 4 7.2	2.276	3.071	13.4	21.6

387042 2012 TK_7 3 24.5 87.°09 2.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.12	−10 46.7	2.368	3.177	11.9	21.5
3 2	12 30.91	−10 29.2	2.303	3.198	9.0	21.3
3 12	12 24.24	− 9 57.7	2.264	3.219	5.8	21.2
3 22	12 16.72	− 9 15.1	2.252	3.240	2.8	21.0
4 1	12 9.12	− 8 25.3	2.270	3.261	2.8	21.0
4 11	12 2.17	− 7 33.6	2.317	3.281	5.7	21.3
4 21	11 56.49	− 6 45.1	2.391	3.301	8.7	21.5
5 1	11 52.51	− 6 3.8	2.490	3.321	11.4	21.7

502492 2015 BO_{357} 3 24.5 191.°26 3.°7/20.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.24	+ 7 2.9	2.030	2.892	11.5	21.2
3 2	12 32.01	+ 8 1.4	1.962	2.891	8.3	21.0
3 12	12 25.00	+ 9 2.7	1.919	2.891	5.1	20.8
3 22	12 16.90	+10 0.4	1.905	2.890	3.8	20.8
4 1	12 8.58	+10 48.0	1.920	2.888	6.0	20.9
4 11	12 0.96	+11 20.3	1.961	2.887	9.2	21.1
4 21	11 54.78	+11 34.9	2.027	2.885	12.4	21.3
5 1	11 50.58	+11 31.2	2.113	2.883	15.1	21.5

289006 2004 TD_{84} 3 24.5 84.°38 0.°1/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.73	− 4 0.9	1.449	2.299	15.9	22.0
3 2	12 35.61	− 3 31.1	1.397	2.320	11.6	21.8
3 12	12 27.14	− 2 46.9	1.369	2.341	6.6	21.5
3 22	12 17.32	− 1 54.1	1.366	2.362	1.3	21.2
4 1	12 7.43	− 1 0.3	1.391	2.382	3.9	21.5
4 11	11 58.73	− 0 13.3	1.442	2.402	8.8	21.8
4 21	11 52.14	+ 0 21.1	1.517	2.422	13.1	22.1
5 1	11 48.18	+ 0 39.7	1.613	2.442	16.6	22.4

299000 2004 XF_{79} 3 24.5 109.°56 1.°3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.48	− 7 33.7	1.728	2.558	14.7	21.4
3 2	12 35.18	− 7 5.8	1.670	2.579	10.9	21.2
3 12	12 26.81	− 6 21.9	1.635	2.600	6.5	20.9
3 22	12 17.26	− 5 26.4	1.627	2.620	2.1	20.7
4 1	12 7.60	− 4 25.8	1.647	2.640	3.2	20.8
4 11	11 58.94	− 3 27.5	1.696	2.658	7.6	21.1
4 21	11 52.11	− 2 37.7	1.771	2.676	11.5	21.4
5 1	11 47.62	− 2 0.8	1.867	2.694	14.8	21.6

306059 2010 GY_{33} 3 24.5 24.°20 15.°0/19.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 59.20	+26 36.0	0.909	1.773	21.8	20.8
3 2	12 49.75	+27 17.8	0.865	1.774	18.4	20.6
3 12	12 35.75	+27 30.0	0.840	1.776	15.7	20.4
3 22	12 19.08	+26 56.8	0.834	1.778	15.1	20.4
4 1	12 2.46	+25 30.9	0.850	1.780	17.1	20.5
4 11	11 48.48	+23 17.6	0.887	1.783	20.5	20.7
4 21	11 38.67	+20 30.3	0.941	1.786	24.2	21.0
5 1	11 33.54	+17 23.3	1.010	1.790	27.5	21.2

211869 2004 GR_{69} 3 24.5 145.°79 0.°1/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.38	− 4 44.3	2.430	3.266	10.7	20.5
3 2	12 28.99	− 3 52.3	2.353	3.270	7.8	20.3
3 12	12 23.19	− 2 49.2	2.303	3.273	4.5	20.1
3 22	12 16.53	− 1 39.3	2.281	3.276	0.9	19.8
4 1	12 9.70	− 0 28.1	2.289	3.280	2.7	20.0
4 11	12 3.41	+ 0 38.7	2.326	3.282	6.2	20.2
4 21	11 58.26	+ 1 36.3	2.391	3.285	9.4	20.4
5 1	11 54.68	+ 2 21.3	2.478	3.288	12.1	20.6

351475 2005 PH_{27} 3 24.5 157.°85 3.°1/20.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.34	+ 6 43.6	2.441	3.302	9.9	21.0
3 2	12 29.66	+ 7 41.4	2.374	3.303	7.1	20.8
3 12	12 23.57	+ 8 41.7	2.334	3.305	4.3	20.6
3 22	12 16.61	+ 9 39.1	2.322	3.307	3.2	20.5
4 1	12 9.50	+10 28.3	2.340	3.308	5.1	20.7
4 11	12 2.94	+11 5.0	2.385	3.309	7.9	20.8
4 21	11 57.55	+11 26.7	2.456	3.311	10.6	21.0
5 1	11 53.75	+11 32.5	2.548	3.312	13.0	21.2

354831 2005 XP_{24} 3 24.5 113.°97 1.°7/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.52	− 0 0.5	1.618	2.470	14.4	21.8
3 2	12 35.99	+ 0 49.6	1.565	2.490	10.3	21.6
3 12	12 27.30	+ 1 49.3	1.536	2.510	5.7	21.4
3 22	12 17.36	+ 2 51.8	1.534	2.529	1.8	21.2
4 1	12 7.36	+ 3 49.2	1.561	2.547	4.7	21.4
4 11	11 58.45	+ 4 34.7	1.616	2.565	9.1	21.7
4 21	11 51.49	+ 5 4.2	1.695	2.582	13.0	22.0
5 1	11 47.00	+ 5 15.9	1.794	2.598	16.2	22.2

76513 2000 GY_{36} 3 24.5 168.°92 1.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.63	+ 0 8.6	2.274	3.120	11.1	19.6
3 2	12 32.13	+ 0 31.7	2.199	3.121	7.9	19.4
3 12	12 25.02	+ 1 1.4	2.150	3.123	4.5	19.2
3 22	12 16.92	+ 1 34.1	2.129	3.124	1.1	19.0
4 1	12 8.60	+ 2 5.0	2.137	3.125	3.4	19.2
4 11	12 0.91	+ 2 29.9	2.175	3.126	7.0	19.4
4 21	11 54.51	+ 2 45.6	2.238	3.126	10.2	19.6
5 1	11 49.91	+ 2 49.8	2.325	3.127	13.0	19.8

428341 2007 KS_6 3 24.5 303.°57 5.°8/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.36	−20 4.5	1.826	2.609	15.9	21.0
3 2	12 30.37	−19 59.9	1.733	2.598	13.1	20.7
3 12	12 24.30	−19 29.3	1.661	2.588	9.9	20.5
3 22	12 16.82	−18 32.7	1.612	2.578	6.9	20.3
4 1	12 8.89	−17 13.6	1.590	2.568	5.8	20.2
4 11	12 1.61	−15 39.6	1.594	2.558	7.8	20.3
4 21	11 55.89	−14 0.2	1.624	2.549	11.1	20.5
5 1	11 52.41	−12 25.1	1.677	2.539	14.5	20.7

463091 2011 SV_{273} 3 24.5 94.°17 3.°3/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.60	+ 3 6.9	1.561	2.424	14.2	21.2
3 2	12 34.60	+ 4 22.7	1.517	2.448	10.1	21.0
3 12	12 26.49	+ 5 45.0	1.497	2.472	5.8	20.8
3 22	12 17.21	+ 7 5.1	1.505	2.495	3.3	20.7
4 1	12 7.92	+ 8 14.0	1.540	2.517	6.0	20.9
4 11	11 59.75	+ 9 5.0	1.602	2.539	10.0	21.2
4 21	11 53.53	+ 9 34.7	1.687	2.561	13.7	21.5
5 1	11 49.73	+ 9 43.0	1.792	2.582	16.7	21.7

210735 2000 TA_{38} 3 24.5 153.°65 3.°4/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.78	+ 4 54.4	1.804	2.663	12.8	21.0
3 2	12 34.70	+ 5 54.5	1.742	2.671	9.2	20.8
3 12	12 26.58	+ 6 59.5	1.705	2.678	5.4	20.5
3 22	12 17.25	+ 8 2.2	1.696	2.684	3.4	20.4
4 1	12 7.73	+ 8 55.3	1.715	2.690	5.9	20.6
4 11	11 59.09	+ 9 32.9	1.762	2.695	9.6	20.8
4 21	11 52.17	+ 9 52.0	1.833	2.700	13.1	21.0
5 1	11 47.51	+ 9 51.9	1.925	2.704	16.1	21.3

428781 2008 SO_{241} 3 24.5 173.°93 2.°0/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.35	+ 2 45.7	2.244	3.095	10.9	21.8
3 2	12 31.95	+ 3 28.5	2.171	3.097	7.8	21.6
3 12	12 24.92	+ 4 16.8	2.125	3.099	4.4	21.4
3 22	12 16.91	+ 5 5.7	2.108	3.100	2.0	21.2
4 1	12 8.70	+ 5 49.7	2.120	3.101	4.3	21.4
4 11	12 1.12	+ 6 24.1	2.161	3.101	7.6	21.6
4 21	11 54.86	+ 6 45.6	2.227	3.102	10.8	21.8
5 1	11 50.39	+ 6 52.8	2.316	3.101	13.5	22.0

301544 2009 FY_{65} 3 24.5 231.°50 2.°4/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.49	+ 5 8.7	2.479	3.332	10.0	21.1
3 2	12 31.23	+ 5 40.8	2.401	3.328	7.1	20.9
3 12	12 24.49	+ 6 16.0	2.350	3.323	4.2	20.7
3 22	12 16.83	+ 6 49.8	2.328	3.318	2.4	20.6
4 1	12 8.96	+ 7 17.9	2.336	3.313	4.3	20.7
4 11	12 1.63	+ 7 36.4	2.372	3.308	7.3	20.9
4 21	11 55.47	+ 7 43.1	2.434	3.302	10.2	21.1
5 1	11 50.95	+ 7 36.9	2.519	3.297	12.8	21.2

331526 2000 SF_5 3 24.5 210.°46 1.°2/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.54	−11 4.3	2.045	2.858	13.3	21.4
3 2	12 32.36	− 9 41.1	1.950	2.851	10.1	21.2
3 12	12 25.30	− 7 55.8	1.881	2.843	6.2	20.9
3 22	12 17.01	− 5 53.4	1.840	2.833	2.1	20.6
4 1	12 8.39	− 3 42.2	1.831	2.823	3.0	20.7
4 11	12 0.37	− 1 32.5	1.852	2.812	7.2	20.9
4 21	11 53.79	+ 0 26.5	1.901	2.800	11.2	21.1
5 1	11 49.22	+ 2 7.9	1.975	2.788	14.6	21.3

501199 2013 TK_{127} 3 24.5 166.°99 2.°1/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.85	−10 15.9	2.099	2.916	12.9	21.9
3 2	12 31.76	− 9 58.6	2.019	2.918	9.8	21.7
3 12	12 24.90	− 9 25.5	1.962	2.920	6.3	21.5
3 22	12 16.92	− 8 39.3	1.933	2.922	2.9	21.3
4 1	12 8.69	− 7 44.6	1.932	2.923	3.0	21.3
4 11	12 1.10	− 6 47.4	1.960	2.924	6.5	21.5
4 21	11 54.89	− 5 53.8	2.014	2.925	10.0	21.7
5 1	11 50.62	− 5 8.7	2.092	2.926	13.1	21.9

26159 1994 WN_3 3 24.5 133.°27 2.°5/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.52	+ 2 59.4	2.092	2.945	11.6	18.8
3 2	12 32.78	+ 4 5.2	2.033	2.960	8.2	18.6
3 12	12 25.38	+ 5 16.8	2.001	2.974	4.7	18.4
3 22	12 17.00	+ 6 27.7	1.997	2.988	2.5	18.3
4 1	12 8.52	+ 7 31.4	2.024	3.001	4.8	18.4
4 11	12 0.80	+ 8 22.2	2.078	3.013	8.3	18.7
4 21	11 54.53	+ 8 57.0	2.158	3.025	11.4	18.9
5 1	11 50.18	+ 9 14.3	2.260	3.036	14.1	19.1

47372 1999 XW_{90} 3 24.5 136.°21 1.°8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.54	+ 0 21.3	1.711	2.568	13.5	19.4
3 2	12 33.20	+ 1 9.7	1.644	2.572	9.7	19.2
3 12	12 25.79	+ 2 7.7	1.602	2.577	5.4	18.9
3 22	12 17.11	+ 3 9.1	1.587	2.581	1.8	18.7
4 1	12 8.19	+ 4 6.3	1.600	2.586	4.6	18.9
4 11	12 0.12	+ 4 52.6	1.640	2.590	8.9	19.1
4 21	11 53.77	+ 5 23.4	1.705	2.593	12.8	19.4
5 1	11 49.70	+ 5 36.4	1.790	2.597	16.1	19.6

186227 2001 XN_{10} 3 24.5 166.°10 1.°5/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.94	+ 1 39.6	2.620	3.460	9.9	21.4
3 2	12 32.86	+ 2 19.9	2.547	3.467	7.1	21.3
3 12	12 25.36	+ 3 5.6	2.501	3.474	4.0	21.1
3 22	12 17.00	+ 3 52.3	2.486	3.479	1.5	20.9
4 1	12 8.50	+ 4 35.7	2.501	3.483	3.5	21.0
4 11	12 0.56	+ 5 11.5	2.546	3.487	6.6	21.2
4 21	11 53.80	+ 5 36.9	2.619	3.490	9.5	21.4
5 1	11 48.66	+ 5 50.0	2.715	3.492	12.0	21.6

29116 1981 ED_{40} 3 24.5 56.°57 0.°5/23.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.26	− 4 10.6	1.939	2.786	12.6	18.8
3 2	12 29.75	− 3 2.7	1.890	2.812	9.0	18.6
3 12	12 23.64	− 1 42.8	1.866	2.839	5.0	18.4
3 22	12 16.65	− 0 17.5	1.870	2.865	1.0	18.2
4 1	12 9.61	+ 1 6.0	1.902	2.892	3.4	18.4
4 11	12 3.39	+ 2 20.5	1.963	2.919	7.3	18.7
4 21	11 58.60	+ 3 21.1	2.050	2.945	10.7	19.0
5 1	11 55.67	+ 4 4.6	2.159	2.972	13.5	19.2

449506 2014 GC_{31} 3 24.5 244.°30 0.°8/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.63	− 2 37.8	1.400	2.257	16.0	21.9
3 2	12 35.33	− 2 0.4	1.321	2.248	11.7	21.6
3 12	12 27.32	− 1 7.1	1.264	2.238	6.7	21.3
3 22	12 17.47	− 0 4.1	1.233	2.229	1.3	20.9
4 1	12 7.06	+ 1 0.1	1.228	2.218	4.6	21.1
4 11	11 57.54	+ 1 56.2	1.249	2.208	10.1	21.4
4 21	11 50.10	+ 2 36.9	1.293	2.197	15.0	21.6
5 1	11 45.53	+ 2 58.0	1.357	2.186	19.1	21.8

224560 2005 WE_{179} 3 24.5 222.°06 1.°1/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.12	− 6 38.0	2.249	3.073	12.0	21.0
3 2	12 33.38	− 6 22.9	2.156	3.063	8.9	20.8
3 12	12 25.85	− 5 55.7	2.088	3.052	5.4	20.6
3 22	12 17.14	− 5 18.8	2.048	3.041	1.8	20.3
4 1	12 8.06	− 4 36.6	2.038	3.030	2.8	20.3
4 11	11 59.52	− 3 54.2	2.057	3.018	6.6	20.6
4 21	11 52.29	− 3 16.5	2.103	3.005	10.1	20.8
5 1	11 46.95	− 2 47.7	2.173	2.991	13.2	20.9

396280 2014 DK_1 3 24.5 350.°75 2.°5/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.79	+ 2 26.6	2.043	2.906	11.4	20.4
3 2	12 28.82	+ 3 33.4	1.972	2.904	8.1	20.2
3 12	12 23.22	+ 4 47.7	1.927	2.902	4.6	19.9
3 22	12 16.59	+ 6 3.0	1.909	2.900	2.5	19.8
4 1	12 9.74	+ 7 12.5	1.920	2.899	4.9	19.9
4 11	12 3.51	+ 8 9.6	1.958	2.898	8.4	20.1
4 21	11 58.59	+ 8 50.5	2.021	2.897	11.7	20.4
5 1	11 55.48	+ 9 13.1	2.105	2.897	14.5	20.5

227415 2005 US_{508} 3 24.5 265.°87 0.°1/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.69	− 3 30.5	1.819	2.665	13.4	21.2
3 2	12 32.65	− 3 4.5	1.735	2.656	9.8	21.0
3 12	12 25.55	− 2 26.2	1.676	2.647	5.7	20.7
3 22	12 17.09	− 1 39.5	1.643	2.638	1.1	20.4
4 1	12 8.24	− 0 50.5	1.638	2.629	3.5	20.5
4 11	12 0.06	− 0 5.8	1.661	2.620	8.0	20.8
4 21	11 53.46	+ 0 29.1	1.709	2.611	12.0	21.0
5 1	11 49.05	+ 0 50.4	1.778	2.602	15.5	21.2

193288 2000 SD_{232} 3 24.5 78.°72 0.°7/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.06	−14 29.1	1.002	1.847	21.7	19.5
3 2	12 33.60	−11 38.7	0.955	1.873	16.1	19.2
3 12	12 26.21	− 8 5.9	0.930	1.899	9.4	19.0
3 22	12 17.19	− 4 8.1	0.929	1.924	2.3	18.6
4 1	12 8.20	− 0 11.2	0.957	1.950	4.9	18.9
4 11	12 0.82	+ 3 19.9	1.011	1.974	11.3	19.3
4 21	11 56.06	+ 6 9.2	1.089	1.999	16.7	19.7
5 1	11 54.40	+ 8 11.7	1.186	2.022	20.9	20.0

124740 2001 SK_{204} 3 24.5 60.°49 1.°1/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.65	− 0 18.0	1.290	2.153	16.6	19.3
3 2	12 36.69	− 0 5.0	1.231	2.161	12.1	19.1
3 12	12 27.99	+ 0 18.9	1.194	2.170	6.8	18.8
3 22	12 17.58	+ 0 47.9	1.182	2.178	1.5	18.5
4 1	12 6.92	+ 1 14.9	1.196	2.186	4.8	18.7
4 11	11 57.48	+ 1 33.0	1.236	2.195	10.1	19.0
4 21	11 50.38	+ 1 37.8	1.298	2.204	14.7	19.3
5 1	11 46.26	+ 1 26.9	1.379	2.213	18.6	19.6

174023 2001 YT_{132} 3 24.5 110.°04 6.°5/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.76	−25 59.4	2.599	3.315	13.3	20.5
3 2	12 31.51	−26 20.5	2.519	3.328	11.3	20.3
3 12	12 24.69	−26 20.8	2.460	3.340	9.2	20.2
3 22	12 16.90	−25 59.8	2.425	3.352	7.4	20.1
4 1	12 8.88	−25 19.1	2.418	3.364	6.5	20.0
4 11	12 1.44	−24 23.0	2.438	3.375	7.1	20.1
4 21	11 55.25	−23 17.2	2.484	3.387	8.7	20.2
5 1	11 50.81	−22 8.1	2.556	3.398	10.8	20.4

208190 2000 QY_{193} 3 24.5 219.°61 2.°1/21.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.51	+ 2 17.8	2.513	3.367	9.8	20.8
3 2	12 29.10	+ 3 24.0	2.434	3.361	7.0	20.6
3 12	12 23.29	+ 4 36.8	2.382	3.356	4.0	20.4
3 22	12 16.61	+ 5 50.8	2.359	3.350	2.1	20.2
4 1	12 9.72	+ 7 0.3	2.366	3.344	4.2	20.4
4 11	12 3.31	+ 8 0.0	2.402	3.338	7.3	20.6
4 21	11 57.99	+ 8 46.1	2.464	3.332	10.2	20.7
5 1	11 54.20	+ 9 16.6	2.549	3.325	12.7	20.9

494641 2017 DQ_{45} 3 24.5 311.°78 13.°6/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 49.84	−22 54.8	1.144	1.926	23.5	21.0
3 2	12 43.35	−25 24.6	1.068	1.920	20.4	20.8
3 12	12 32.69	−27 28.9	1.011	1.915	17.1	20.5
3 22	12 18.70	−28 56.3	0.974	1.909	14.4	20.4
4 1	12 3.23	−29 38.7	0.958	1.904	13.7	20.3
4 11	11 48.69	−29 37.6	0.964	1.899	15.3	20.4
4 21	11 37.21	−29 3.4	0.991	1.895	18.4	20.5
5 1	11 30.13	−28 11.5	1.034	1.891	21.9	20.7

497180 2004 TJ_{37} 3 24.5 225.°02 0.°9/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.55	− 0 37.1	2.234	3.076	11.3	22.4
3 2	12 32.94	− 0 8.9	2.146	3.067	8.2	22.2
3 12	12 25.58	+ 0 27.4	2.085	3.058	4.6	21.9
3 22	12 17.09	+ 1 7.8	2.052	3.048	1.1	21.6
4 1	12 8.29	+ 1 47.3	2.049	3.037	3.5	21.8
4 11	12 0.05	+ 2 21.1	2.075	3.026	7.2	22.0
4 21	11 53.12	+ 2 45.1	2.128	3.015	10.7	22.2
5 1	11 48.05	+ 2 56.9	2.203	3.003	13.7	22.4

83947 2001 WT_{36} 3 24.5 183.°42 2.°5/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.15	−13 5.3	2.604	3.402	11.3	20.0
3 2	12 29.55	−12 40.2	2.517	3.402	8.7	19.9
3 12	12 23.54	−12 0.0	2.453	3.402	5.9	19.7
3 22	12 16.67	−11 6.9	2.418	3.402	3.2	19.5
4 1	12 9.58	−10 4.7	2.412	3.401	2.9	19.5
4 11	12 2.99	− 8 58.6	2.436	3.400	5.4	19.6
4 21	11 57.48	− 7 54.0	2.487	3.399	8.3	19.8
5 1	11 53.51	− 6 55.7	2.564	3.398	11.0	20.0

308678 2006 DO_{54} 3 24.5 341.°34 0.°2/24.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.84	− 2 48.6	1.185	2.054	17.3	20.3
3 2	12 33.59	− 2 37.0	1.114	2.047	12.8	20.0
3 12	12 26.44	− 2 9.9	1.064	2.040	7.4	19.7
3 22	12 17.32	− 1 32.3	1.038	2.033	1.5	19.3
4 1	12 7.64	− 0 52.0	1.036	2.028	4.6	19.5
4 11	11 59.01	− 0 17.9	1.057	2.023	10.4	19.8
4 21	11 52.68	+ 0 3.1	1.100	2.020	15.6	20.1
5 1	11 49.46	+ 0 6.5	1.162	2.017	20.0	20.3

376323 2011 GE_{48} 3 24.5 133.°84 0.°8/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.15	− 6 47.6	2.065	2.897	12.5	21.3
3 2	12 31.23	− 6 13.4	1.991	2.903	9.3	21.1
3 12	12 24.59	− 5 25.5	1.941	2.908	5.5	20.9
3 22	12 16.90	− 4 27.8	1.919	2.913	1.6	20.6
4 1	12 9.00	− 3 25.8	1.925	2.918	2.8	20.7
4 11	12 1.76	− 2 25.9	1.961	2.922	6.7	21.0
4 21	11 55.92	− 1 33.8	2.022	2.927	10.3	21.2
5 1	11 51.98	− 0 53.6	2.107	2.931	13.4	21.4

55847 1996 SQ 3 24.5 174.°28 1.°3/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.95	− 6 30.6	2.290	3.115	11.7	19.4
3 2	12 32.43	− 6 28.8	2.209	3.116	8.7	19.2
3 12	12 25.26	− 6 16.1	2.152	3.116	5.3	19.0
3 22	12 17.05	− 5 54.9	2.124	3.117	1.9	18.7
4 1	12 8.58	− 5 28.5	2.125	3.117	2.7	18.8
4 11	12 0.70	− 5 1.5	2.155	3.117	6.2	19.0
4 21	11 54.10	− 4 38.0	2.212	3.117	9.5	19.2
5 1	11 49.31	− 4 21.4	2.293	3.117	12.4	19.4

191827 2004 UW_{9} 3 24.5 206.°02 6.°2/16.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.97	+16 40.8	2.352	3.210	10.3	20.6
3 2	12 32.43	+17 58.6	2.289	3.205	8.0	20.5
3 12	12 25.24	+19 12.0	2.252	3.200	6.4	20.4
3 22	12 17.04	+20 14.0	2.243	3.194	6.4	20.4
4 1	12 8.62	+20 58.7	2.263	3.187	8.1	20.5
4 11	12 0.83	+21 22.4	2.309	3.180	10.5	20.6
4 21	11 54.36	+21 24.4	2.378	3.172	12.9	20.7
5 1	11 49.71	+21 5.9	2.466	3.164	14.9	20.9

330834 2009 HS_{36} 3 24.5 64.°44 8.°3/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.56	−27 57.7	1.092	1.874	24.4	19.7
3 2	12 31.38	−26 55.3	1.027	1.885	20.5	19.4
3 12	12 25.16	−24 57.8	0.976	1.897	15.8	19.2
3 22	12 17.05	−22 6.1	0.946	1.908	11.1	19.0
4 1	12 8.66	−18 32.0	0.940	1.920	8.4	18.9
4 11	12 1.66	−14 38.0	0.960	1.932	10.2	19.0
4 21	11 57.24	−10 49.8	1.004	1.944	14.5	19.3
5 1	11 56.00	− 7 28.4	1.070	1.957	19.0	19.6

142439 2002 SW_{53} 3 24.5 75.°47 8.°0/17.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.16	+16 46.5	1.580	2.449	13.8	19.3
3 2	12 35.01	+18 16.0	1.551	2.473	10.6	19.2
3 12	12 26.72	+19 36.2	1.546	2.497	8.4	19.1
3 22	12 17.31	+20 37.4	1.567	2.521	8.3	19.2
4 1	12 7.98	+21 12.7	1.614	2.545	10.3	19.3
4 11	11 59.88	+21 19.5	1.685	2.569	13.1	19.5
4 21	11 53.79	+20 59.4	1.777	2.592	15.8	19.8
5 1	11 50.16	+20 16.0	1.887	2.615	18.0	20.0

277459 2005 UU_{524} 3 24.5 143.°79 1.°1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.22	− 1 9.6	2.274	3.117	11.1	22.4
3 2	12 31.80	− 0 14.4	2.207	3.128	8.0	22.3
3 12	12 24.84	+ 0 49.5	2.166	3.139	4.4	22.1
3 22	12 16.95	+ 1 57.0	2.154	3.149	1.2	21.8
4 1	12 8.93	+ 3 2.1	2.172	3.158	3.5	22.0
4 11	12 1.56	+ 3 59.2	2.220	3.167	7.1	22.3
4 21	11 55.49	+ 4 44.2	2.294	3.176	10.2	22.5
5 1	11 51.19	+ 5 14.7	2.391	3.183	12.9	22.7

419606 2010 RQ_{128} 3 24.5 196.°56 2.°0/26.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.11	−10 14.3	1.958	2.776	13.7	22.3
3 2	12 32.84	− 9 43.6	1.873	2.774	10.4	22.0
3 12	12 25.62	− 8 55.0	1.811	2.771	6.6	21.8
3 22	12 17.14	− 7 51.7	1.777	2.768	2.8	21.6
4 1	12 8.33	− 6 39.3	1.772	2.764	3.1	21.6
4 11	12 0.19	− 5 25.3	1.795	2.759	7.0	21.8
4 21	11 53.55	− 4 16.7	1.845	2.754	10.9	22.0
5 1	11 49.01	− 3 19.4	1.918	2.749	14.2	22.2

99731 2002 JM_{57} 3 24.5 12.°04 4.°7/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.94	−13 19.8	1.152	1.996	19.6	18.8
3 2	12 31.48	−13 28.3	1.088	1.998	15.3	18.5
3 12	12 25.21	−13 8.6	1.044	2.001	10.5	18.3
3 22	12 17.08	−12 22.3	1.021	2.006	6.0	18.0
4 1	12 8.53	−11 16.1	1.021	2.012	5.3	18.0
4 11	12 1.11	−10 0.9	1.045	2.019	9.4	18.2
4 21	11 55.99	− 8 48.3	1.091	2.026	14.2	18.5
5 1	11 53.91	− 7 48.1	1.156	2.035	18.4	18.8

40914 1999 TH_{155} 3 24.5 223.°28 0.°2/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.83	− 5 6.9	2.280	3.116	11.4	19.9
3 2	12 30.23	− 4 5.7	2.192	3.108	8.3	19.6
3 12	12 24.03	− 2 51.0	2.129	3.099	4.8	19.4
3 22	12 16.81	− 1 27.7	2.095	3.090	0.9	19.1
4 1	12 9.30	− 0 2.0	2.091	3.081	3.0	19.3
4 11	12 2.33	+ 1 19.1	2.116	3.071	6.8	19.5
4 21	11 56.55	+ 2 29.8	2.168	3.061	10.3	19.7
5 1	11 52.51	+ 3 26.0	2.244	3.051	13.3	19.8

385294 2001 UN_{77} 3 24.5 80.°12 4.°3/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.24	+11 51.6	2.324	3.179	10.5	21.2
3 2	12 33.78	+12 29.9	2.283	3.206	7.7	21.1
3 12	12 25.85	+13 5.2	2.269	3.232	5.2	21.0
3 22	12 17.15	+13 32.5	2.284	3.258	4.4	20.9
4 1	12 8.49	+13 47.5	2.328	3.284	6.0	21.1
4 11	12 0.67	+13 47.9	2.400	3.310	8.5	21.3
4 21	11 54.27	+13 33.3	2.497	3.335	11.0	21.5
5 1	11 49.68	+13 4.7	2.616	3.360	13.2	21.7

520194 2014 DT_{149} 3 24.5 28.°32 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.30	+ 0 43.1	1.918	2.775	12.3	21.0
3 2	12 31.40	+ 1 7.0	1.854	2.782	8.8	20.8
3 12	12 24.71	+ 1 38.0	1.815	2.789	4.9	20.5
3 22	12 16.95	+ 2 11.4	1.803	2.797	1.4	20.3
4 1	12 9.02	+ 2 42.1	1.818	2.806	3.9	20.5
4 11	12 1.85	+ 3 5.0	1.862	2.815	7.8	20.7
4 21	11 56.17	+ 3 16.8	1.930	2.824	11.3	21.0
5 1	11 52.47	+ 3 15.5	2.020	2.834	14.3	21.2

174574 2003 OW_{22} 3 24.5 213.°94 0.°6/25.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.86	− 4 27.8	1.860	2.695	13.6	20.1
3 2	12 35.67	− 4 17.7	1.775	2.689	10.1	19.8
3 12	12 27.31	− 3 55.5	1.714	2.683	5.9	19.6
3 22	12 17.52	− 3 24.5	1.681	2.676	1.5	19.3
4 1	12 7.30	− 2 49.5	1.676	2.668	3.3	19.4
4 11	11 57.80	− 2 16.4	1.700	2.660	7.8	19.6
4 21	11 49.93	− 1 50.4	1.750	2.651	11.8	19.9
5 1	11 44.38	− 1 35.2	1.822	2.642	15.3	20.1

248399 2005 SC_{73} 3 24.5 241.°90 2.°1/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.35	−10 28.9	2.821	3.623	10.4	21.1
3 2	12 31.14	−10 26.6	2.719	3.610	8.0	20.9
3 12	12 24.50	−10 12.8	2.643	3.595	5.2	20.7
3 22	12 16.93	− 9 48.8	2.594	3.581	2.7	20.5
4 1	12 9.05	− 9 17.2	2.576	3.566	2.6	20.5
4 11	12 1.56	− 8 42.0	2.588	3.550	5.3	20.7
4 21	11 55.06	− 8 6.9	2.628	3.534	8.2	20.8
5 1	11 50.03	− 7 36.0	2.692	3.518	10.8	21.0

380542 2004 LA_7 3 24.5 268.°37 2.°6/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.42	+ 3 39.3	2.119	2.971	11.5	21.7
3 2	12 33.85	+ 4 28.0	2.016	2.942	8.3	21.4
3 12	12 26.29	+ 5 23.9	1.939	2.912	4.9	21.2
3 22	12 17.33	+ 6 21.3	1.891	2.881	2.6	21.0
4 1	12 7.83	+ 7 13.8	1.872	2.850	5.1	21.1
4 11	11 58.79	+ 7 55.4	1.881	2.818	8.9	21.2
4 21	11 51.06	+ 8 21.8	1.916	2.785	12.5	21.4
5 1	11 45.34	+ 8 30.7	1.972	2.751	15.8	21.5

266931 2010 JZ_{119} 3 24.5 176.°56 1.°5/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.80	+ 0 27.1	2.516	3.365	10.0	20.9
3 2	12 29.30	+ 1 25.4	2.441	3.366	7.1	20.7
3 12	12 23.42	+ 2 31.0	2.393	3.367	4.0	20.5
3 22	12 16.71	+ 3 39.0	2.374	3.367	1.5	20.3
4 1	12 9.81	+ 4 43.9	2.385	3.368	3.6	20.5
4 11	12 3.43	+ 5 40.7	2.424	3.368	6.8	20.7
4 21	11 58.14	+ 6 25.5	2.491	3.368	9.7	20.9
5 1	11 54.39	+ 6 56.2	2.580	3.367	12.2	21.0

102332 1999 TG_{112} 3 24.5 108.°12 0.°3/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.92	− 4 47.6	1.786	2.624	13.9	20.5
3 2	12 34.77	− 4 15.9	1.728	2.644	10.2	20.3
3 12	12 26.65	− 3 31.2	1.694	2.663	5.9	20.0
3 22	12 17.37	− 2 38.3	1.687	2.682	1.3	19.8
4 1	12 8.00	− 1 43.5	1.709	2.700	3.3	19.9
4 11	11 59.57	− 0 53.6	1.759	2.718	7.6	20.2
4 21	11 52.88	− 0 13.8	1.835	2.735	11.4	20.5
5 1	11 48.44	+ 0 12.4	1.933	2.752	14.6	20.7

1335 Demoulina 3 24.5 169.°02 0.°3/24.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.21	− 4 1.9	1.728	2.570	14.1	16.8
3 2	12 34.48	− 3 14.6	1.655	2.575	10.3	16.6
3 12	12 26.61	− 2 13.0	1.607	2.578	5.9	16.4
3 22	12 17.39	− 1 2.6	1.585	2.581	1.1	16.0
4 1	12 7.89	+ 0 9.0	1.593	2.583	3.8	16.2
4 11	11 59.22	+ 1 13.8	1.628	2.585	8.3	16.5
4 21	11 52.30	+ 2 5.7	1.689	2.586	12.5	16.7
5 1	11 47.72	+ 2 40.7	1.771	2.586	15.9	17.0

312106 2007 TO_{156} 3 24.5 175.°83 0.°5/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.11	− 4 59.1	1.907	2.741	13.4	21.5
3 2	12 35.00	− 4 36.4	1.830	2.743	9.9	21.2
3 12	12 26.86	− 4 1.0	1.777	2.745	5.8	21.0
3 22	12 17.45	− 3 16.5	1.752	2.747	1.4	20.7
4 1	12 7.73	− 2 28.5	1.756	2.747	3.2	20.8
4 11	11 58.77	− 1 43.3	1.788	2.747	7.5	21.1
4 21	11 51.43	− 1 6.2	1.846	2.747	11.4	21.3
5 1	11 46.29	− 0 41.1	1.927	2.745	14.7	21.5

248946 2006 WH_{148} 3 24.5 172.°63 7.°7/10.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.46	+32 12.5	3.276	4.090	8.8	21.4
3 2	12 31.74	+33 28.8	3.241	4.093	8.0	21.4
3 12	12 24.74	+34 32.4	3.233	4.096	7.8	21.4
3 22	12 16.98	+35 18.7	3.251	4.098	8.2	21.4
4 1	12 9.13	+35 44.2	3.294	4.100	9.2	21.5
4 11	12 1.84	+35 48.1	3.360	4.102	10.4	21.6
4 21	11 55.65	+35 31.3	3.446	4.103	11.6	21.7
5 1	11 50.97	+34 56.0	3.548	4.103	12.7	21.8

512938 2017 BT_{12} 3 24.5 244.°47 4.°4/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 30.54	−28 13.1	4.735	5.411	8.2	21.2
3 2	12 26.56	−28 28.1	4.631	5.405	7.1	21.1
3 12	12 21.73	−28 30.9	4.550	5.400	5.9	21.0
3 22	12 16.37	−28 21.4	4.494	5.395	5.0	20.9
4 1	12 10.85	−28 0.3	4.465	5.390	4.4	20.9
4 11	12 5.57	−27 29.4	4.464	5.384	4.7	20.9
4 21	12 0.90	−26 51.1	4.491	5.379	5.5	21.0
5 1	11 57.12	−26 8.5	4.544	5.373	6.6	21.0

99509 2002 EL_9 3 24.5 41.°41 6.°1/19.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.82	+ 8 54.9	1.218	2.102	15.9	18.8
3 2	12 33.94	+10 10.5	1.174	2.113	11.6	18.6
3 12	12 26.41	+11 26.9	1.152	2.124	7.6	18.4
3 22	12 17.35	+12 33.0	1.155	2.136	6.2	18.3
4 1	12 8.16	+13 18.7	1.182	2.149	9.0	18.5
4 11	12 0.28	+13 37.9	1.232	2.162	13.1	18.8
4 21	11 54.70	+13 29.6	1.302	2.175	17.0	19.1
5 1	11 51.97	+12 56.0	1.390	2.189	20.3	19.3

238798 2005 LZ_{21} 3 24.5 284.°39 1.°2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.71	− 1 0.5	2.271	3.119	11.0	20.5
3 2	12 30.30	− 0 4.9	2.167	3.090	8.0	20.3
3 12	12 24.20	+ 1 1.6	2.088	3.062	4.5	20.0
3 22	12 16.92	+ 2 14.4	2.037	3.032	1.3	19.7
4 1	12 9.21	+ 3 27.1	2.017	3.003	3.8	19.9
4 11	12 1.91	+ 4 33.3	2.025	2.973	7.6	20.0
4 21	11 55.75	+ 5 27.7	2.059	2.942	11.2	20.2
5 1	11 51.34	+ 6 6.6	2.115	2.912	14.3	20.4

19964 1987 BX_1 3 24.5 30.°66 3.°8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.72	−13 42.3	1.552	2.375	16.4	17.4
3 2	12 30.68	−13 29.8	1.487	2.386	12.7	17.2
3 12	12 24.49	−12 53.9	1.444	2.397	8.6	17.0
3 22	12 16.97	−11 57.5	1.424	2.409	4.8	16.8
4 1	12 9.20	−10 46.6	1.431	2.421	4.2	16.8
4 11	12 2.35	− 9 30.3	1.464	2.434	7.7	17.0
4 21	11 57.29	− 8 17.3	1.522	2.448	11.6	17.3
5 1	11 54.58	− 7 15.1	1.601	2.462	15.2	17.5

385686 2005 SO_{260} 3 24.5 299.°17 0.°3/24.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.78	+ 0 7.6	2.149	2.986	11.9	20.3
3 2	12 37.02	− 0 11.3	2.042	2.959	8.8	20.0
3 12	12 28.14	− 0 25.6	1.962	2.932	5.1	19.7
3 22	12 17.76	− 0 37.5	1.910	2.905	1.0	19.4
4 1	12 6.79	− 0 49.6	1.888	2.878	3.3	19.5
4 11	11 56.27	− 1 5.2	1.896	2.851	7.5	19.7
4 21	11 47.14	− 1 26.5	1.932	2.825	11.3	19.9
5 1	11 40.12	− 1 55.6	1.991	2.798	14.7	20.1

64494 2001 VP_{62} 3 24.5 262.°76 0.°4/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.56	− 2 46.0	1.492	2.346	15.3	20.2
3 2	12 35.22	− 2 22.7	1.410	2.334	11.3	19.9
3 12	12 27.30	− 1 45.3	1.349	2.322	6.5	19.6
3 22	12 17.60	− 0 58.7	1.315	2.310	1.3	19.2
4 1	12 7.33	− 0 10.0	1.307	2.298	4.2	19.4
4 11	11 57.87	+ 0 32.8	1.326	2.286	9.5	19.6
4 21	11 50.35	+ 1 3.5	1.368	2.273	14.2	19.9
5 1	11 45.56	+ 1 17.7	1.430	2.261	18.3	20.1

346078 2007 UL_{120} 3 24.5 219.°61 0.°1/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.30	− 3 54.7	2.239	3.078	11.4	21.5
3 2	12 30.59	− 3 19.0	2.158	3.075	8.3	21.3
3 12	12 24.26	− 2 32.4	2.102	3.072	4.8	21.1
3 22	12 16.93	− 1 39.0	2.074	3.069	1.0	20.8
4 1	12 9.34	− 0 43.9	2.075	3.066	2.9	20.9
4 11	12 2.33	+ 0 7.3	2.105	3.062	6.7	21.1
4 21	11 56.55	+ 0 49.8	2.161	3.059	10.1	21.4
5 1	11 52.53	+ 1 20.4	2.241	3.055	13.0	21.5

34887 2001 VJ_{14} 3 24.5 282.°15 3.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.10	+ 4 47.5	1.405	2.272	15.3	17.6
3 2	12 37.17	+ 5 12.0	1.328	2.260	11.2	17.3
3 12	12 28.46	+ 5 41.8	1.274	2.249	6.6	17.0
3 22	12 17.84	+ 6 10.2	1.245	2.237	3.3	16.7
4 1	12 6.67	+ 6 29.6	1.243	2.225	6.3	16.9
4 11	11 56.44	+ 6 33.9	1.266	2.214	11.2	17.1
4 21	11 48.36	+ 6 20.1	1.312	2.202	15.8	17.4
5 1	11 43.23	+ 5 47.5	1.376	2.190	19.7	17.6

473331 2015 TO_{85} 3 24.5 39.°61 2.°4/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.21	+ 0 57.9	1.246	2.118	16.6	21.0
3 2	12 35.09	+ 1 41.4	1.185	2.120	11.9	20.7
3 12	12 27.21	+ 2 36.5	1.146	2.123	6.7	20.4
3 22	12 17.56	+ 3 35.3	1.131	2.125	2.4	20.2
4 1	12 7.57	+ 4 28.0	1.142	2.128	5.8	20.4
4 11	11 58.74	+ 5 6.1	1.177	2.131	11.0	20.7
4 21	11 52.20	+ 5 24.6	1.234	2.135	15.8	21.0
5 1	11 48.64	+ 5 21.5	1.309	2.138	19.7	21.2

364738 2007 VK_{214} 3 24.5 332.°95 6.°3/19.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.64	+ 9 35.6	1.320	2.202	15.0	20.3
3 2	12 33.19	+10 50.2	1.257	2.195	11.1	20.0
3 12	12 26.12	+12 6.9	1.218	2.188	7.5	19.8
3 22	12 17.34	+13 15.1	1.202	2.182	6.4	19.7
4 1	12 8.18	+14 4.2	1.212	2.176	9.2	19.8
4 11	12 0.04	+14 27.0	1.244	2.171	13.3	20.0
4 21	11 54.02	+14 21.6	1.298	2.166	17.3	20.3
5 1	11 50.82	+13 49.2	1.368	2.162	20.8	20.5

57011 2000 TO_{18} 3 24.6 271.°04 2.°9/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.11	−14 43.5	2.416	3.211	12.1	19.3
3 2	12 29.02	−14 10.9	2.316	3.199	9.5	19.1
3 12	12 23.39	−13 20.1	2.241	3.186	6.5	18.9
3 22	12 16.76	−12 13.0	2.192	3.174	3.7	18.7
4 1	12 9.84	−10 54.0	2.172	3.161	3.2	18.6
4 11	12 3.37	− 9 29.2	2.182	3.148	5.8	18.7
4 21	11 58.04	− 8 5.3	2.219	3.135	9.0	18.9
5 1	11 54.35	− 6 48.4	2.281	3.122	11.9	19.1

173560 2000 YA_{129} 3 24.6 339.°02 6.°5/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.85	+10 16.0	1.348	2.230	14.8	19.5
3 2	12 33.27	+11 32.1	1.288	2.225	11.0	19.3
3 12	12 26.13	+12 49.3	1.251	2.220	7.5	19.1
3 22	12 17.35	+13 56.8	1.238	2.216	6.6	19.0
4 1	12 8.21	+14 44.6	1.250	2.212	9.3	19.1
4 11	12 0.12	+15 5.8	1.286	2.209	13.3	19.3
4 21	11 54.12	+14 58.8	1.342	2.206	17.1	19.6
5 1	11 50.88	+14 25.2	1.415	2.203	20.5	19.8

207961 1995 OV_{17} 3 24.6 89.°56 0.°5/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.66	− 6 25.1	2.282	3.113	11.5	21.0
3 2	12 29.99	− 5 41.7	2.216	3.128	8.4	20.8
3 12	12 23.84	− 4 46.1	2.176	3.143	5.0	20.6
3 22	12 16.84	− 3 42.5	2.164	3.159	1.3	20.4
4 1	12 9.71	− 2 36.4	2.181	3.173	2.6	20.5
4 11	12 3.23	− 1 33.6	2.228	3.188	6.2	20.7
4 21	11 57.99	− 0 39.1	2.301	3.203	9.4	21.0
5 1	11 54.43	+ 0 3.7	2.398	3.217	12.1	21.2

86199 1999 SS_{20} 3 24.6 325.°83 0.°4/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.01	− 4 31.0	2.162	3.001	11.8	19.1
3 2	12 30.46	− 4 13.7	2.078	2.994	8.7	18.9
3 12	12 24.24	− 3 45.7	2.018	2.988	5.1	18.6
3 22	12 16.94	− 3 10.1	1.986	2.981	1.3	18.3
4 1	12 9.36	− 2 31.4	1.983	2.975	2.8	18.4
4 11	12 2.33	− 1 54.7	2.008	2.969	6.6	18.7
4 21	11 56.58	− 1 24.6	2.059	2.964	10.2	18.9
5 1	11 52.64	− 1 4.6	2.133	2.958	13.2	19.1

117871 2186 *P–L* 3 24.6 313.°32 1.°1/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.57	− 3 33.0	1.549	2.395	15.3	19.2
3 2	12 36.66	− 3 57.3	1.464	2.383	11.4	18.9
3 12	12 28.14	− 4 11.2	1.401	2.370	6.9	18.6
3 22	12 17.79	− 4 16.8	1.364	2.358	2.0	18.3
4 1	12 6.84	− 4 17.4	1.354	2.347	3.7	18.4
4 11	11 56.65	− 4 17.9	1.371	2.336	8.8	18.6
4 21	11 48.40	− 4 22.8	1.413	2.325	13.4	18.9
5 1	11 42.90	− 4 35.9	1.475	2.315	17.3	19.1

127506 2002 TA_{91} 3 24.6 89.°75 1.°7/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.10	−10 4.6	2.278	3.093	12.1	20.2
3 2	12 31.00	− 9 35.5	2.215	3.114	9.1	20.0
3 12	12 24.41	− 8 52.2	2.177	3.135	5.7	19.8
3 22	12 16.95	− 7 57.8	2.166	3.156	2.5	19.6
4 1	12 9.40	− 6 57.3	2.185	3.176	2.7	19.7
4 11	12 2.54	− 5 56.5	2.232	3.196	5.9	19.9
4 21	11 56.97	− 5 0.6	2.307	3.216	9.0	20.2
5 1	11 53.13	− 4 13.8	2.406	3.236	11.8	20.4

294056 2007 TV_{155} 3 24.6 130.°42 0.°3/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.99	− 2 1.4	2.342	3.180	11.0	20.7
3 2	12 32.39	− 1 44.5	2.269	3.187	8.0	20.6
3 12	12 25.23	− 1 19.8	2.223	3.194	4.6	20.4
3 22	12 17.14	− 0 50.5	2.205	3.201	0.9	20.1
4 1	12 8.88	− 0 21.0	2.217	3.207	2.9	20.3
4 11	12 1.23	+ 0 4.7	2.258	3.214	6.4	20.5
4 21	11 54.86	+ 0 23.1	2.326	3.220	9.6	20.7
5 1	11 50.23	+ 0 31.8	2.417	3.226	12.4	20.9

286884 2002 *PE* 3 24.6 212.°99 2.°5/21.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.88	+ 2 49.9	2.080	2.932	11.6	21.8
3 2	12 33.32	+ 3 48.8	1.998	2.925	8.4	21.6
3 12	12 25.90	+ 4 54.9	1.943	2.916	4.8	21.4
3 22	12 17.30	+ 6 2.2	1.916	2.908	2.5	21.2
4 1	12 8.37	+ 7 4.0	1.919	2.898	4.9	21.3
4 11	12 0.07	+ 7 54.0	1.950	2.888	8.6	21.5
4 21	11 53.18	+ 8 28.4	2.007	2.877	12.0	21.7
5 1	11 48.27	+ 8 45.1	2.085	2.865	15.0	21.9

383004 2005 LA_9 3 24.6 175.°18 2.°2/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.43	+ 3 30.0	2.623	3.476	9.5	21.5
3 2	12 29.72	+ 4 29.9	2.551	3.478	6.8	21.3
3 12	12 23.67	+ 5 34.6	2.506	3.479	3.9	21.2
3 22	12 16.82	+ 6 39.2	2.490	3.480	2.2	21.0
4 1	12 9.80	+ 7 38.4	2.505	3.481	4.1	21.2
4 11	12 3.29	+ 8 27.7	2.548	3.481	7.0	21.4
4 21	11 57.84	+ 9 4.0	2.618	3.481	9.8	21.5
5 1	11 53.88	+ 9 25.7	2.710	3.481	12.1	21.7

6093 Makoto 3 24.6 183.°52 0.°9/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.51	− 2 27.5	1.969	2.814	12.5	17.5
3 2	12 32.35	− 1 30.5	1.893	2.815	9.0	17.2
3 12	12 25.35	− 0 21.5	1.842	2.815	5.1	17.0
3 22	12 17.18	+ 0 53.9	1.819	2.815	1.1	16.7
4 1	12 8.75	+ 2 8.4	1.825	2.814	3.8	16.9
4 11	12 1.01	+ 3 15.1	1.860	2.812	7.9	17.1
4 21	11 54.74	+ 4 8.4	1.921	2.810	11.6	17.4
5 1	11 50.48	+ 4 45.1	2.003	2.808	14.7	17.6

292528 2006 TL_{39} 3 24.6 126.°31 0.°1/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.13	− 3 51.4	2.728	3.559	9.9	22.3
3 2	12 30.13	− 3 20.1	2.658	3.571	7.1	22.1
3 12	12 23.87	− 2 40.5	2.614	3.583	4.1	21.9
3 22	12 16.86	− 1 55.8	2.599	3.595	0.9	21.7
4 1	12 9.73	− 1 10.2	2.615	3.606	2.4	21.8
4 11	12 3.12	− 0 27.7	2.660	3.617	5.5	22.1
4 21	11 57.57	+ 0 8.0	2.733	3.627	8.4	22.3
5 1	11 53.47	+ 0 34.3	2.831	3.637	10.8	22.4

377161 2003 SG_{328} 3 24.6 129.°60 2.°2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.01	− 9 59.4	2.058	2.876	13.1	21.3
3 2	12 31.95	− 9 47.1	1.980	2.880	9.9	21.1
3 12	12 25.10	− 9 19.4	1.925	2.884	6.4	20.9
3 22	12 17.14	− 8 38.7	1.898	2.887	2.9	20.7
4 1	12 8.91	− 7 49.6	1.899	2.891	3.1	20.7
4 11	12 1.34	− 6 58.0	1.929	2.894	6.5	20.9
4 21	11 55.19	− 6 9.6	1.984	2.897	10.1	21.1
5 1	11 51.00	− 5 29.5	2.063	2.900	13.2	21.4

165488 2001 BK_{22} 3 24.6 102.°31 1.°6/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.75	− 7 48.1	1.617	2.451	15.3	20.0
3 2	12 34.92	− 7 30.7	1.555	2.466	11.4	19.8
3 12	12 26.88	− 6 56.4	1.515	2.480	7.0	19.6
3 22	12 17.50	− 6 9.1	1.501	2.494	2.5	19.3
4 1	12 7.92	− 5 15.0	1.515	2.507	3.4	19.4
4 11	11 59.33	− 4 21.7	1.556	2.520	7.9	19.7
4 21	11 52.62	− 3 35.9	1.622	2.533	12.0	20.0
5 1	11 48.36	− 3 2.4	1.710	2.546	15.5	20.2

377691 2005 VG_{107} 3 24.6 251.°06 0.°3/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.04	− 4 26.9	2.097	2.931	12.3	22.0
3 2	12 33.55	− 4 3.1	1.998	2.912	9.1	21.7
3 12	12 26.12	− 3 27.2	1.925	2.893	5.4	21.5
3 22	12 17.37	− 2 42.7	1.879	2.874	1.2	21.1
4 1	12 8.15	− 1 54.5	1.862	2.854	3.1	21.2
4 11	11 59.45	− 1 8.5	1.875	2.833	7.3	21.5
4 21	11 52.09	− 0 29.9	1.914	2.812	11.1	21.6
5 1	11 46.74	− 0 2.8	1.975	2.790	14.5	21.8

36450 2000 QL_4 3 24.6 236.°15 1.°1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.89	− 2 2.5	1.748	2.598	13.6	19.6
3 2	12 33.69	− 1 8.3	1.662	2.586	9.9	19.3
3 12	12 26.29	− 0 0.3	1.600	2.573	5.6	19.0
3 22	12 17.41	+ 1 15.4	1.565	2.561	1.4	18.7
4 1	12 8.08	+ 2 31.0	1.559	2.547	4.3	18.9
4 11	11 59.42	+ 3 38.3	1.580	2.533	8.9	19.1
4 21	11 52.41	+ 4 30.7	1.627	2.518	13.2	19.3
5 1	11 47.72	+ 5 4.4	1.694	2.503	16.8	19.5

422150 2014 QE_{439} 3 24.6 191.°70 3.°2/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.22	+ 5 8.9	2.132	2.986	11.3	22.5
3 2	12 33.47	+ 6 13.4	2.058	2.985	8.1	22.3
3 12	12 25.95	+ 7 22.9	2.011	2.982	4.9	22.1
3 22	12 17.31	+ 8 30.7	1.992	2.979	3.2	22.0
4 1	12 8.43	+ 9 30.4	2.003	2.975	5.4	22.1
4 11	12 0.20	+10 16.2	2.043	2.971	8.8	22.3
4 21	11 53.37	+10 45.0	2.107	2.966	12.0	22.5
5 1	11 48.50	+10 55.5	2.193	2.959	14.8	22.7

324471 2006 UN_{73} 3 24.6 39.°68 2.°0/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.20	− 7 22.2	1.318	2.167	17.2	20.3
3 2	12 34.14	− 7 22.6	1.264	2.182	12.9	20.1
3 12	12 26.55	− 7 4.6	1.231	2.198	7.9	19.8
3 22	12 17.45	− 6 31.9	1.222	2.215	3.0	19.6
4 1	12 8.16	− 5 50.9	1.239	2.232	3.8	19.7
4 11	12 0.05	− 5 9.9	1.281	2.250	8.7	20.0
4 21	11 54.11	− 4 36.0	1.347	2.269	13.2	20.3
5 1	11 50.93	− 4 14.2	1.433	2.287	16.9	20.6

291488 2006 DJ_{109} 3 24.6 307.°33 2.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.66	− 8 20.3	1.383	2.225	17.0	20.5
3 2	12 35.50	− 8 35.2	1.303	2.217	13.0	20.3
3 12	12 27.57	− 8 32.0	1.245	2.209	8.3	20.0
3 22	12 17.72	− 8 12.3	1.210	2.201	3.7	19.7
4 1	12 7.26	− 7 40.6	1.201	2.194	4.2	19.7
4 11	11 57.67	− 7 4.3	1.218	2.186	9.1	19.9
4 21	11 50.19	− 6 31.1	1.258	2.179	13.9	20.2
5 1	11 45.65	− 6 7.6	1.318	2.173	18.1	20.4

9649 Junfukue 3 24.6 174.°88 1.°5/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.11	− 0 3.8	1.714	2.564	13.8	18.8
3 2	12 35.91	+ 0 36.5	1.642	2.567	10.0	18.6
3 12	12 27.49	+ 1 26.8	1.595	2.569	5.6	18.3
3 22	12 17.66	+ 2 21.2	1.576	2.570	1.6	18.0
4 1	12 7.54	+ 3 12.5	1.584	2.571	4.5	18.2
4 11	11 58.29	+ 3 54.2	1.621	2.571	8.9	18.5
4 21	11 50.84	+ 4 21.4	1.682	2.571	13.0	18.7
5 1	11 45.82	+ 4 31.9	1.765	2.570	16.4	19.0

296242 2009 DW_6 3 24.6 62.°42 1.°0/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.62	− 6 4.3	1.388	2.238	16.5	20.5
3 2	12 34.41	− 5 45.0	1.327	2.248	12.2	20.3
3 12	12 26.73	− 5 8.3	1.288	2.258	7.3	20.0
3 22	12 17.51	− 4 19.0	1.274	2.269	2.1	19.7
4 1	12 8.04	− 3 24.4	1.286	2.279	3.7	19.9
4 11	11 59.65	− 2 33.1	1.325	2.290	8.8	20.2
4 21	11 53.36	− 1 52.1	1.386	2.301	13.4	20.5
5 1	11 49.77	− 1 26.2	1.468	2.312	17.2	20.8

22812 Ricker 3 24.6 96.°17 0.°8/25.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.63	− 6 41.8	1.634	2.472	15.0	19.5
3 2	12 34.05	− 6 6.4	1.575	2.490	11.0	19.3
3 12	12 26.36	− 5 14.8	1.539	2.507	6.5	19.0
3 22	12 17.41	− 4 12.0	1.529	2.524	1.8	18.8
4 1	12 8.33	− 3 5.2	1.548	2.540	3.4	18.9
4 11	12 0.23	− 2 2.5	1.594	2.556	7.9	19.2
4 21	11 53.95	− 1 10.3	1.664	2.572	12.0	19.5
5 1	11 50.05	− 0 33.1	1.757	2.588	15.4	19.7

316194 2010 LZ_{80} 3 24.6 268.°23 1.°3/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.02	− 6 57.2	1.648	2.486	14.9	21.4
3 2	12 34.00	− 6 38.0	1.555	2.469	11.2	21.1
3 12	12 26.60	− 6 1.6	1.485	2.452	6.9	20.8
3 22	12 17.52	− 5 11.2	1.441	2.435	2.2	20.5
4 1	12 7.85	− 4 12.7	1.424	2.417	3.5	20.5
4 11	11 58.82	− 3 14.1	1.435	2.399	8.4	20.8
4 21	11 51.51	− 2 22.8	1.470	2.381	13.0	21.0
5 1	11 46.69	− 1 44.8	1.526	2.363	17.0	21.2

422795 2001 XM_8 3 24.6 118.°74 1.°1/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.67	+ 0 8.6	2.240	3.080	11.4	22.0
3 2	12 34.27	+ 0 42.7	2.182	3.101	8.1	21.8
3 12	12 26.27	+ 1 23.3	2.150	3.122	4.5	21.6
3 22	12 17.38	+ 2 6.2	2.147	3.142	1.3	21.4
4 1	12 8.43	+ 2 46.2	2.175	3.161	3.5	21.6
4 11	12 0.24	+ 3 18.8	2.232	3.180	7.0	21.9
4 21	11 53.48	+ 3 41.0	2.316	3.198	10.2	22.1
5 1	11 48.58	+ 3 50.8	2.423	3.215	12.8	22.3

174713 2003 UA_{133} 3 24.6 95.°43 3.°5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.65	−12 31.0	1.600	2.420	16.1	19.8
3 2	12 33.60	−12 24.7	1.527	2.425	12.5	19.6
3 12	12 26.25	−11 56.9	1.475	2.430	8.4	19.4
3 22	12 17.42	−11 9.7	1.449	2.434	4.5	19.1
4 1	12 8.26	−10 8.5	1.449	2.439	4.1	19.1
4 11	11 59.98	− 9 1.6	1.476	2.444	7.9	19.3
4 21	11 53.54	− 7 57.3	1.528	2.448	12.0	19.6
5 1	11 49.58	− 7 2.8	1.601	2.453	15.6	19.8

382657 2002 TD_9 3 24.6 113.°19 1.°1/25.9 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.31	− 7 27.4	2.890	3.700	10.0	21.9
3 2	12 32.30	− 7 11.1	2.826	3.725	7.4	21.7
3 12	12 25.06	− 6 45.1	2.789	3.750	4.5	21.6
3 22	12 17.14	− 6 12.2	2.782	3.774	1.7	21.4
4 1	12 9.15	− 5 35.4	2.806	3.798	2.2	21.5
4 11	12 1.74	− 4 58.7	2.861	3.820	5.0	21.7
4 21	11 55.42	− 4 25.6	2.944	3.842	7.7	21.9
5 1	11 50.56	− 3 58.9	3.052	3.864	10.0	22.1

140885 2001 VH_{26} 3 24.6 202.°06 2.°6/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.68	−13 26.5	2.687	3.481	11.1	20.4
3 2	12 29.98	−13 7.7	2.595	3.478	8.6	20.3
3 12	12 23.89	−12 34.4	2.528	3.474	5.9	20.1
3 22	12 16.92	−11 48.2	2.488	3.470	3.3	19.9
4 1	12 9.71	−10 52.5	2.478	3.466	2.9	19.9
4 11	12 2.96	− 9 52.2	2.498	3.462	5.3	20.0
4 21	11 57.27	− 8 52.3	2.545	3.457	8.2	20.2
5 1	11 53.08	− 7 57.6	2.618	3.452	10.8	20.4

89439 2001 WK_{48} 3 24.6 188.°84 6.°2/17.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.15	+14 3.6	2.019	2.884	11.4	19.7
3 2	12 32.79	+15 27.8	1.960	2.883	8.7	19.6
3 12	12 25.60	+16 49.2	1.926	2.882	6.6	19.4
3 22	12 17.28	+17 59.7	1.920	2.881	6.4	19.4
4 1	12 8.74	+18 52.2	1.942	2.880	8.4	19.5
4 11	12 0.95	+19 22.2	1.989	2.878	11.1	19.7
4 21	11 54.66	+19 28.6	2.060	2.875	13.9	19.9
5 1	11 50.40	+19 12.7	2.149	2.872	16.2	20.0

381865 2009 YW_{23} 3 24.6 186.°04 7.°6/14.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.55	+21 58.3	2.359	3.211	10.5	21.1
3 2	12 32.90	+23 24.6	2.308	3.211	8.6	20.9
3 12	12 25.59	+24 42.0	2.284	3.210	7.6	20.9
3 22	12 17.27	+25 43.3	2.286	3.209	8.0	20.9
4 1	12 8.79	+26 23.1	2.315	3.207	9.5	21.0
4 11	12 1.01	+26 38.5	2.370	3.205	11.5	21.1
4 21	11 54.60	+26 29.9	2.445	3.203	13.6	21.3
5 1	11 50.06	+25 59.6	2.539	3.200	15.3	21.4

329986 2005 SU_{235} 3 24.6 210.°18 0.°5/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.84	− 5 0.2	2.130	2.962	12.2	21.8
3 2	12 33.29	− 4 36.7	2.044	2.956	9.0	21.6
3 12	12 25.92	− 4 1.5	1.982	2.950	5.3	21.4
3 22	12 17.37	− 3 17.8	1.949	2.944	1.3	21.1
4 1	12 8.49	− 2 30.6	1.946	2.937	2.9	21.2
4 11	12 0.21	− 1 45.5	1.971	2.930	6.9	21.4
4 21	11 53.31	− 1 7.5	2.022	2.922	10.6	21.6
5 1	11 48.36	− 0 40.5	2.097	2.914	13.7	21.8

163218 2002 EA_{78} 3 24.6 174.°51 0.°8/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.79	− 7 15.8	1.931	2.760	13.4	20.7
3 2	12 33.34	− 6 31.9	1.853	2.763	9.9	20.5
3 12	12 25.96	− 5 32.1	1.799	2.765	5.9	20.3
3 22	12 17.37	− 4 20.9	1.773	2.767	1.7	20.0
4 1	12 8.50	− 3 4.7	1.776	2.768	3.1	20.1
4 11	12 0.36	− 1 51.2	1.808	2.769	7.3	20.3
4 21	11 53.74	− 0 46.9	1.866	2.768	11.2	20.6
5 1	11 49.24	+ 0 3.3	1.946	2.767	14.5	20.8

196480 2003 KF_1 3 24.6 320.°82 0.°3/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 31.03	− 7 43.8	1.461	2.316	15.5	19.5
3 2	12 28.38	− 6 29.6	1.368	2.292	11.6	19.2
3 12	12 23.45	− 4 49.3	1.297	2.269	6.9	18.9
3 22	12 16.90	− 2 49.0	1.251	2.246	1.6	18.4
4 1	12 9.77	− 0 39.1	1.231	2.224	4.0	18.6
4 11	12 3.29	+ 1 26.9	1.238	2.203	9.5	18.8
4 21	11 58.51	+ 3 17.2	1.269	2.182	14.5	19.0
5 1	11 56.22	+ 4 43.1	1.319	2.163	18.8	19.2

52754 1998 KN_{62} 3 24.6 17.°23 6.°6/19.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.47	+14 49.7	1.668	2.540	13.0	17.3
3 2	12 33.20	+15 33.5	1.619	2.547	9.9	17.1
3 12	12 25.86	+16 11.2	1.594	2.554	7.3	17.0
3 22	12 17.33	+16 35.4	1.595	2.563	6.7	17.0
4 1	12 8.71	+16 40.5	1.622	2.572	8.6	17.1
4 11	12 1.09	+16 23.6	1.673	2.582	11.6	17.3
4 21	11 55.27	+15 45.3	1.747	2.593	14.6	17.5
5 1	11 51.77	+14 48.0	1.839	2.605	17.2	17.7

466900 2015 EZ_{11} 3 24.6 151.°61 1.°0/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.78	+ 0 3.1	2.168	3.011	11.6	21.5
3 2	12 33.81	+ 0 25.6	2.096	3.017	8.4	21.3
3 12	12 26.13	+ 0 55.0	2.050	3.023	4.7	21.1
3 22	12 17.40	+ 1 27.4	2.033	3.028	1.2	20.8
4 1	12 8.47	+ 1 58.1	2.045	3.033	3.5	21.0
4 11	12 0.24	+ 2 22.4	2.086	3.037	7.2	21.2
4 21	11 53.40	+ 2 37.2	2.153	3.041	10.6	21.5
5 1	11 48.49	+ 2 40.3	2.243	3.045	13.4	21.6

116964 2004 HD_8 3 24.6 79.°89 0.°5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.05	− 7 13.5	2.270	3.098	11.7	19.6
3 2	12 30.22	− 6 11.7	2.215	3.125	8.5	19.5
3 12	12 23.97	− 4 57.1	2.185	3.152	5.0	19.3
3 22	12 16.93	− 3 34.7	2.184	3.178	1.3	19.1
4 1	12 9.85	− 2 10.8	2.213	3.205	2.6	19.2
4 11	12 3.47	− 0 51.9	2.271	3.231	6.1	19.5
4 21	11 58.36	+ 0 16.8	2.357	3.256	9.3	19.7
5 1	11 54.92	+ 1 11.8	2.467	3.281	12.0	20.0

414895 2010 XR_{20} 3 24.6 68.°59 4.°8/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.71	+ 7 58.3	1.594	2.463	13.6	20.8
3 2	12 33.98	+ 9 12.8	1.558	2.490	9.8	20.6
3 12	12 26.23	+10 27.8	1.546	2.516	6.2	20.4
3 22	12 17.40	+11 34.6	1.561	2.543	4.9	20.4
4 1	12 8.61	+12 25.3	1.603	2.569	7.2	20.6
4 11	12 0.94	+12 55.3	1.672	2.596	10.7	20.9
4 21	11 55.15	+13 3.0	1.763	2.622	13.9	21.1
5 1	11 51.69	+12 49.9	1.873	2.647	16.6	21.4

89357 2001 VX_{79} 3 24.6 235.°61 4.°1/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.35	+ 6 18.2	1.872	2.738	12.1	19.5
3 2	12 31.65	+ 7 39.8	1.801	2.733	8.7	19.3
3 12	12 25.04	+ 9 6.7	1.755	2.727	5.4	19.0
3 22	12 17.20	+10 30.8	1.737	2.721	4.2	18.9
4 1	12 9.06	+11 43.9	1.747	2.714	6.6	19.1
4 11	12 1.62	+12 39.2	1.784	2.708	10.1	19.3
4 21	11 55.68	+13 13.0	1.844	2.701	13.5	19.5
5 1	11 51.82	+13 24.6	1.925	2.694	16.4	19.7

403852 2011 UM_{314} 3 24.6 125.°47 3.°3/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.75	+ 4 28.0	1.660	2.521	13.7	21.8
3 2	12 35.58	+ 5 21.0	1.603	2.533	9.8	21.6
3 12	12 27.25	+ 6 19.2	1.571	2.544	5.7	21.4
3 22	12 17.65	+ 7 15.3	1.565	2.555	3.3	21.2
4 1	12 7.89	+ 8 1.7	1.588	2.566	5.9	21.4
4 11	11 59.14	+ 8 32.7	1.638	2.576	9.8	21.7
4 21	11 52.25	+ 8 45.3	1.711	2.586	13.5	21.9
5 1	11 47.77	+ 8 39.1	1.805	2.595	16.6	22.1

423716 2006 BQ_{70} 3 24.6 107.°35 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.06	+ 0 12.1	2.016	2.864	12.1	21.5
3 2	12 33.33	+ 0 45.5	1.954	2.878	8.7	21.3
3 12	12 25.86	+ 1 26.4	1.918	2.892	4.9	21.1
3 22	12 17.36	+ 2 9.8	1.910	2.905	1.4	20.9
4 1	12 8.73	+ 2 50.4	1.931	2.918	3.8	21.1
4 11	12 0.89	+ 3 23.0	1.981	2.931	7.6	21.4
4 21	11 54.54	+ 3 44.1	2.056	2.943	11.0	21.6
5 1	11 50.18	+ 3 51.7	2.153	2.956	13.9	21.8

172590 2003 UK_{283} 3 24.6 178.°51 3.°4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.13	−14 41.8	2.292	3.078	13.0	21.6
3 2	12 34.13	−14 29.4	2.205	3.081	10.2	21.4
3 12	12 26.37	−13 59.2	2.141	3.083	7.1	21.2
3 22	12 17.48	−13 12.8	2.105	3.084	4.1	21.0
4 1	12 8.31	−12 13.9	2.098	3.084	3.7	21.0
4 11	11 59.74	−11 8.4	2.121	3.083	6.3	21.2
4 21	11 52.54	−10 2.6	2.172	3.081	9.5	21.4
5 1	11 47.25	− 9 2.4	2.247	3.079	12.4	21.5

65889 1998 BB_4 3 24.6 43.°29 3.°4/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.92	+ 1 46.0	1.174	2.054	16.7	17.8
3 2	12 32.62	+ 3 2.8	1.130	2.069	11.8	17.6
3 12	12 25.74	+ 4 30.4	1.108	2.086	6.7	17.3
3 22	12 17.34	+ 5 57.8	1.110	2.102	3.4	17.2
4 1	12 8.84	+ 7 13.3	1.137	2.120	6.7	17.4
4 11	12 1.62	+ 8 7.8	1.188	2.138	11.5	17.7
4 21	11 56.66	+ 8 36.9	1.260	2.156	15.9	18.0
5 1	11 54.47	+ 8 40.4	1.351	2.175	19.5	18.3

402858 2007 RW_{91} 3 24.6 123.°98 0.°1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.04	− 4 28.9	1.784	2.623	13.9	21.7
3 2	12 34.96	− 3 55.0	1.721	2.638	10.2	21.5
3 12	12 26.87	− 3 8.0	1.683	2.652	5.9	21.3
3 22	12 17.58	− 2 12.9	1.671	2.667	1.3	21.0
4 1	12 8.12	− 1 16.1	1.689	2.680	3.4	21.2
4 11	11 59.58	− 0 24.5	1.734	2.693	7.7	21.5
4 21	11 52.76	+ 0 16.5	1.805	2.705	11.6	21.8
5 1	11 48.21	+ 0 43.5	1.899	2.717	14.9	22.0

326428 2001 TW_{165} 3 24.6 136.°47 2.°4/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.30	+ 4 36.5	2.135	2.983	11.6	21.2
3 2	12 35.58	+ 5 3.9	2.072	2.996	8.3	21.0
3 12	12 27.11	+ 5 34.5	2.035	3.007	4.8	20.8
3 22	12 17.62	+ 6 3.5	2.027	3.018	2.4	20.7
4 1	12 8.00	+ 6 26.1	2.049	3.029	4.5	20.9
4 11	11 59.18	+ 6 38.5	2.100	3.039	8.0	21.1
4 21	11 51.88	+ 6 38.5	2.177	3.048	11.2	21.3
5 1	11 46.58	+ 6 25.4	2.276	3.057	13.9	21.5

497046 2003 SC_{287} 3 24.6 231.°73 1.°0/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.09	− 7 10.7	2.103	2.933	12.4	22.1
3 2	12 31.33	− 6 41.6	2.018	2.928	9.3	21.9
3 12	12 24.81	− 5 58.4	1.957	2.923	5.6	21.6
3 22	12 17.17	− 5 4.6	1.924	2.918	1.8	21.4
4 1	12 9.22	− 4 5.4	1.920	2.912	2.8	21.4
4 11	12 1.87	− 3 7.0	1.944	2.907	6.7	21.7
4 21	11 55.84	− 2 15.2	1.995	2.901	10.3	21.9
5 1	11 51.71	− 1 34.3	2.068	2.895	13.5	22.1

240273 2002 XB_{99} 3 24.6 38.°14 3.°5/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.44	+ 2 53.2	1.107	1.989	17.4	20.1
3 2	12 34.69	+ 3 45.6	1.058	1.997	12.5	19.9
3 12	12 27.04	+ 4 47.5	1.029	2.007	7.1	19.6
3 22	12 17.64	+ 5 49.2	1.024	2.017	3.5	19.4
4 1	12 8.03	+ 6 39.8	1.043	2.027	6.9	19.6
4 11	11 59.77	+ 7 11.0	1.086	2.038	12.0	20.0
4 21	11 53.98	+ 7 18.9	1.149	2.050	16.7	20.3
5 1	11 51.28	+ 7 3.3	1.230	2.062	20.5	20.5

506327 2017 OC_{12} 3 24.6 296.°66 3.°3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.94	−10 11.0	1.500	2.331	16.5	21.2
3 2	12 34.88	−10 26.1	1.415	2.321	12.7	20.9
3 12	12 27.21	−10 22.2	1.352	2.311	8.4	20.7
3 22	12 17.72	−10 0.6	1.312	2.301	4.3	20.4
4 1	12 7.62	− 9 25.1	1.300	2.291	4.3	20.4
4 11	11 58.29	− 8 42.8	1.313	2.281	8.6	20.6
4 21	11 50.89	− 8 1.4	1.350	2.271	13.2	20.8
5 1	11 46.24	− 7 28.1	1.407	2.262	17.2	21.0

385160 2013 UW_4 3 24.6 220.°63 0.°4/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.26	− 2 31.7	2.273	3.110	11.4	21.7
3 2	12 32.80	− 1 57.4	2.183	3.101	8.3	21.5
3 12	12 25.63	− 1 13.2	2.120	3.091	4.7	21.3
3 22	12 17.35	− 0 23.0	2.085	3.080	0.9	21.0
4 1	12 8.75	+ 0 28.0	2.080	3.069	3.2	21.1
4 11	12 0.68	+ 1 14.4	2.104	3.058	6.9	21.4
4 21	11 53.87	+ 1 51.7	2.154	3.045	10.4	21.5
5 1	11 48.88	+ 2 16.8	2.228	3.032	13.4	21.7

434055 2001 UY_{52} 3 24.6 128.°58 6.°0/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.64	+20 36.7	2.809	3.656	9.1	21.5
3 2	12 32.63	+21 34.2	2.767	3.671	7.3	21.4
3 12	12 25.30	+22 23.9	2.752	3.685	6.2	21.3
3 22	12 17.25	+23 0.9	2.765	3.699	6.2	21.3
4 1	12 9.16	+23 21.4	2.807	3.712	7.5	21.4
4 11	12 1.73	+23 23.5	2.875	3.725	9.3	21.6
4 21	11 55.49	+23 7.7	2.966	3.738	11.1	21.7
5 1	11 50.83	+22 35.5	3.078	3.750	12.7	21.9

128697 2004 RW_{97} 3 24.6 214.°62 2.°6/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.54	− 9 42.7	1.652	2.477	15.5	21.0
3 2	12 35.78	− 9 41.0	1.568	2.472	11.9	20.8
3 12	12 27.60	− 9 21.1	1.507	2.467	7.7	20.5
3 22	12 17.79	− 8 45.1	1.472	2.461	3.5	20.2
4 1	12 7.49	− 7 57.6	1.464	2.455	3.8	20.2
4 11	11 57.97	− 7 6.0	1.483	2.449	8.1	20.5
4 21	11 50.27	− 6 17.7	1.528	2.442	12.4	20.7
5 1	11 45.14	− 5 39.0	1.594	2.435	16.2	20.9

134705 1999 XA_{186} 3 24.6 263.°63 7.°4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.05	−22 52.8	1.995	2.743	15.9	20.0
3 2	12 35.50	−23 23.7	1.880	2.717	13.5	19.7
3 12	12 27.56	−23 31.2	1.786	2.691	10.8	19.5
3 22	12 17.83	−23 12.6	1.716	2.663	8.3	19.3
4 1	12 7.28	−22 27.8	1.673	2.635	7.4	19.2
4 11	11 57.14	−21 21.4	1.656	2.606	8.9	19.2
4 21	11 48.52	−20 1.1	1.666	2.576	11.8	19.3
5 1	11 42.27	−18 36.4	1.698	2.545	15.1	19.4

491691 2012 US_{69} 3 24.6 145.°41 2.°0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.29	+ 3 40.6	2.583	3.433	9.7	22.1
3 2	12 31.08	+ 4 19.5	2.515	3.440	6.9	21.9
3 12	12 24.49	+ 5 2.3	2.473	3.446	4.0	21.7
3 22	12 17.10	+ 5 44.6	2.461	3.452	2.0	21.6
4 1	12 9.56	+ 6 22.0	2.479	3.458	3.9	21.7
4 11	12 2.58	+ 6 50.7	2.525	3.463	6.8	21.9
4 21	11 56.73	+ 7 8.1	2.598	3.469	9.6	22.1
5 1	11 52.43	+ 7 13.0	2.694	3.473	12.0	22.3

150757 2001 QX_{154} 3 24.6 271.°52 0.°2/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.53	− 5 58.8	2.166	3.003	11.8	20.2
3 2	12 29.44	− 5 2.6	2.079	2.995	8.7	20.0
3 12	12 23.72	− 3 52.1	2.018	2.988	5.1	19.7
3 22	12 16.96	− 2 31.9	1.985	2.980	1.1	19.4
4 1	12 9.92	− 1 8.3	1.981	2.973	2.9	19.6
4 11	12 3.42	+ 0 11.5	2.006	2.965	6.8	19.8
4 21	11 58.16	+ 1 21.4	2.057	2.958	10.4	20.0
5 1	11 54.65	+ 2 17.0	2.132	2.950	13.5	20.2

327442 2005 WY_{105} 3 24.6 185.°81 1.°6/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.61	−10 49.3	2.484	3.290	11.5	21.5
3 2	12 31.46	−10 3.5	2.395	3.290	8.7	21.3
3 12	12 24.79	− 9 2.3	2.332	3.289	5.5	21.1
3 22	12 17.18	− 7 48.9	2.298	3.288	2.3	20.9
4 1	12 9.34	− 6 28.2	2.294	3.286	2.5	20.9
4 11	12 2.03	− 5 6.6	2.320	3.283	5.8	21.1
4 21	11 55.88	− 3 49.9	2.375	3.279	9.0	21.3
5 1	11 51.39	− 2 43.2	2.454	3.275	11.8	21.4

353904 2012 XJ_{67} 3 24.6 153.°09 5.°5/16.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.94	+18 4.3	2.833	3.687	8.8	21.3
3 2	12 30.75	+19 15.0	2.783	3.694	6.9	21.2
3 12	12 24.28	+20 20.2	2.760	3.701	5.7	21.1
3 22	12 17.06	+21 14.6	2.765	3.708	5.8	21.1
4 1	12 9.73	+21 53.8	2.799	3.714	7.2	21.2
4 11	12 2.96	+22 15.1	2.860	3.719	9.1	21.3
4 21	11 57.27	+22 18.1	2.944	3.724	11.0	21.5
5 1	11 53.07	+22 3.8	3.048	3.729	12.6	21.6

70375 1999 RM_{210} 3 24.6 221.°78 3.°3/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.44	−12 52.1	1.925	2.731	14.3	19.7
3 2	12 34.02	−12 43.2	1.833	2.723	11.2	19.5
3 12	12 26.50	−12 15.0	1.764	2.715	7.6	19.2
3 22	12 17.57	−11 29.2	1.721	2.705	4.1	19.0
4 1	12 8.19	−10 29.9	1.707	2.696	3.8	19.0
4 11	11 59.44	− 9 24.0	1.720	2.685	7.2	19.2
4 21	11 52.22	− 8 18.9	1.760	2.674	11.0	19.4
5 1	11 47.21	− 7 21.3	1.823	2.663	14.5	19.5

438036 2004 HS_{23} 3 24.6 302.°60 0.°7/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.45	− 0 57.7	2.126	2.973	11.6	21.3
3 2	12 31.58	− 0 36.3	2.042	2.964	8.4	21.1
3 12	12 24.97	− 0 6.5	1.982	2.955	4.8	20.8
3 22	12 17.23	+ 0 27.7	1.951	2.946	1.0	20.6
4 1	12 9.18	+ 1 1.5	1.948	2.938	3.4	20.7
4 11	12 1.71	+ 1 30.1	1.974	2.929	7.2	20.9
4 21	11 55.54	+ 1 49.4	2.025	2.920	10.8	21.1
5 1	11 51.25	+ 1 56.9	2.098	2.912	13.8	21.3

416899 2005 QB_{170} 3 24.6 111.°77 6.°0/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.81	−22 40.0	2.192	2.937	14.7	21.6
3 2	12 33.93	−22 46.8	2.121	2.958	12.2	21.4
3 12	12 26.24	−22 30.8	2.072	2.978	9.4	21.3
3 22	12 17.48	−21 52.2	2.048	2.998	7.0	21.2
4 1	12 8.55	−20 53.9	2.052	3.017	6.0	21.1
4 11	12 0.39	−19 42.0	2.083	3.035	7.1	21.2
4 21	11 53.74	−18 23.9	2.142	3.053	9.5	21.4
5 1	11 49.12	−17 7.1	2.225	3.070	12.0	21.6

39302 2001 QC_{29} 3 24.6 126.°92 1.°5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.44	+ 3 2.2	2.697	3.538	9.6	18.7
3 2	12 33.24	+ 3 19.8	2.632	3.552	6.9	18.6
3 12	12 25.68	+ 3 40.9	2.593	3.565	3.9	18.4
3 22	12 17.35	+ 4 1.8	2.585	3.578	1.5	18.2
4 1	12 8.93	+ 4 19.3	2.608	3.591	3.4	18.4
4 11	12 1.10	+ 4 30.2	2.660	3.603	6.3	18.6
4 21	11 54.43	+ 4 32.5	2.740	3.614	9.0	18.8
5 1	11 49.34	+ 4 25.1	2.844	3.626	11.4	19.0

318098 2004 HJ_{20} 3 24.6 327.°65 5.°1/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.74	+ 6 30.7	1.331	2.215	14.8	20.0
3 2	12 31.22	+ 7 45.2	1.258	2.198	10.8	19.7
3 12	12 25.13	+ 9 7.3	1.207	2.182	6.8	19.4
3 22	12 17.31	+10 26.7	1.181	2.167	5.2	19.3
4 1	12 8.96	+11 32.2	1.180	2.152	8.3	19.4
4 11	12 1.47	+12 14.8	1.202	2.139	12.8	19.6
4 21	11 55.96	+12 30.0	1.245	2.126	17.1	19.8
5 1	11 53.18	+12 17.3	1.305	2.114	20.8	20.0

65161 2002 CX_{159} 3 24.6 241.°55 6.°0/15.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.68	+18 45.4	2.687	3.542	9.2	19.5
3 2	12 30.74	+19 59.3	2.620	3.531	7.3	19.4
3 12	12 24.37	+21 8.2	2.579	3.519	6.2	19.3
3 22	12 17.10	+22 5.9	2.567	3.507	6.3	19.3
4 1	12 9.61	+22 47.4	2.583	3.494	7.8	19.3
4 11	12 2.63	+23 9.5	2.625	3.481	9.9	19.4
4 21	11 56.75	+23 11.5	2.689	3.468	11.9	19.6
5 1	11 52.44	+22 54.2	2.773	3.455	13.8	19.7

502449 2015 BR_{291} 3 24.6 43.°68 2.°1/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.88	+ 1 32.6	1.875	2.735	12.4	21.1
3 2	12 31.25	+ 2 26.5	1.807	2.737	8.9	20.9
3 12	12 24.79	+ 3 28.4	1.765	2.740	5.0	20.6
3 22	12 17.20	+ 4 32.2	1.749	2.742	2.1	20.5
4 1	12 9.38	+ 5 30.9	1.762	2.745	4.7	20.6
4 11	12 2.29	+ 6 18.1	1.802	2.748	8.5	20.9
4 21	11 56.69	+ 6 49.7	1.867	2.751	12.1	21.1
5 1	11 53.12	+ 7 3.9	1.952	2.754	15.1	21.3

347679 2001 UT_{132} 3 24.6 178.°76 0.°1/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.67	− 3 58.5	2.982	3.811	9.2	22.6
3 2	12 29.81	− 3 18.2	2.900	3.812	6.7	22.4
3 12	12 23.76	− 2 29.5	2.844	3.813	3.8	22.2
3 22	12 16.97	− 1 35.7	2.819	3.814	0.8	22.0
4 1	12 10.02	− 0 40.8	2.824	3.814	2.3	22.1
4 11	12 3.50	+ 0 10.9	2.859	3.814	5.3	22.3
4 21	11 57.92	+ 0 56.0	2.923	3.813	8.0	22.5
5 1	11 53.67	+ 1 31.5	3.011	3.811	10.4	22.7

167781 2005 AY_{18} 3 24.6 19.°83 2.°3/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.89	+ 1 36.4	1.192	2.069	16.8	19.5
3 2	12 34.22	+ 2 6.1	1.136	2.073	12.1	19.2
3 12	12 26.79	+ 2 45.8	1.101	2.079	6.8	18.9
3 22	12 17.64	+ 3 27.9	1.090	2.085	2.4	18.7
4 1	12 8.20	+ 4 3.9	1.104	2.092	5.7	18.9
4 11	11 59.97	+ 4 25.9	1.142	2.099	10.9	19.2
4 21	11 54.05	+ 4 29.9	1.201	2.108	15.6	19.5
5 1	11 51.10	+ 4 14.3	1.278	2.117	19.5	19.7

194864 2002 AY_{40} 3 24.6 155.°02 2.°0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.64	− 9 45.0	1.825	2.645	14.4	20.9
3 2	12 34.79	− 9 20.9	1.751	2.653	10.9	20.7
3 12	12 26.86	− 8 39.1	1.700	2.660	6.9	20.5
3 22	12 17.64	− 7 42.9	1.675	2.666	2.9	20.2
4 1	12 8.15	− 6 38.0	1.680	2.672	3.2	20.3
4 11	11 59.47	− 5 32.1	1.713	2.677	7.3	20.5
4 21	11 52.47	− 4 32.0	1.772	2.681	11.2	20.8
5 1	11 47.74	− 3 43.4	1.853	2.685	14.6	21.0

55975 1998 QB_{94} 3 24.6 180.°23 0.°3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.04	− 6 18.7	1.876	2.708	13.6	19.9
3 2	12 34.33	− 5 24.1	1.798	2.710	10.0	19.7
3 12	12 26.61	− 4 13.3	1.743	2.712	5.9	19.4
3 22	12 17.60	− 2 51.5	1.717	2.712	1.4	19.1
4 1	12 8.29	− 1 26.0	1.720	2.712	3.3	19.3
4 11	11 59.73	− 0 5.2	1.752	2.710	7.7	19.5
4 21	11 52.76	+ 1 4.0	1.810	2.708	11.7	19.8
5 1	11 47.99	+ 1 57.1	1.891	2.705	15.1	20.0

198918 2005 UP_{132} 3 24.6 148.°25 2.°9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.05	+ 1 39.7	1.585	2.446	14.2	20.9
3 2	12 34.52	+ 2 56.4	1.524	2.454	10.1	20.7
3 12	12 26.76	+ 4 23.3	1.486	2.461	5.8	20.5
3 22	12 17.63	+ 5 51.6	1.476	2.468	2.9	20.3
4 1	12 8.26	+ 7 11.7	1.494	2.474	5.8	20.5
4 11	11 59.85	+ 8 15.4	1.538	2.479	10.1	20.8
4 21	11 53.30	+ 8 58.0	1.606	2.484	14.0	21.0
5 1	11 49.21	+ 9 17.8	1.694	2.489	17.4	21.2

366250 2012 XJ_{103} 3 24.6 44.°98 2.°7/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.54	−10 38.6	2.052	2.867	13.2	19.9
3 2	12 32.38	−10 47.0	1.978	2.875	10.2	19.7
3 12	12 25.42	−10 40.4	1.928	2.883	6.7	19.5
3 22	12 17.35	−10 20.8	1.904	2.891	3.5	19.3
4 1	12 9.04	− 9 51.4	1.909	2.899	3.4	19.3
4 11	12 1.41	− 9 17.4	1.942	2.907	6.5	19.6
4 21	11 55.22	− 8 44.0	2.001	2.916	9.9	19.8
5 1	11 50.99	− 8 16.1	2.083	2.925	12.9	20.0

336687 2010 AB_{64} 3 24.6 196.°57 3.°8/20.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.63	+ 8 6.8	2.238	3.097	10.7	21.5
3 2	12 32.30	+ 9 5.1	2.168	3.095	7.7	21.3
3 12	12 25.33	+10 5.1	2.124	3.093	4.9	21.1
3 22	12 17.33	+11 1.0	2.108	3.090	3.8	21.0
4 1	12 9.11	+11 46.8	2.122	3.087	5.8	21.1
4 11	12 1.52	+12 17.9	2.163	3.083	8.8	21.3
4 21	11 55.24	+12 32.0	2.229	3.079	11.7	21.5
5 1	11 50.78	+12 28.7	2.317	3.075	14.3	21.7

463287 2012 HS_{27} 3 24.6 284.°84 4.°0/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.70	+ 7 14.3	1.737	2.601	13.0	21.1
3 2	12 35.13	+ 7 52.8	1.651	2.581	9.5	20.9
3 12	12 27.24	+ 8 34.5	1.589	2.561	5.9	20.6
3 22	12 17.78	+ 9 12.7	1.554	2.541	4.0	20.4
4 1	12 7.79	+ 9 40.4	1.547	2.521	6.5	20.5
4 11	11 58.48	+ 9 52.0	1.566	2.500	10.5	20.7
4 21	11 50.87	+ 9 44.8	1.608	2.480	14.4	20.9
5 1	11 45.67	+ 9 18.2	1.671	2.460	17.8	21.1

354349 2003 FN_{133} 3 24.6 355.°26 1.°8/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.33	− 6 45.0	1.185	2.044	18.1	20.6
3 2	12 34.04	− 6 43.6	1.117	2.041	13.6	20.3
3 12	12 26.84	− 6 22.1	1.069	2.039	8.4	20.0
3 22	12 17.70	− 5 44.3	1.044	2.037	2.9	19.6
4 1	12 8.04	− 4 57.1	1.043	2.036	4.2	19.7
4 11	11 59.46	− 4 10.0	1.066	2.036	9.7	20.0
4 21	11 53.19	− 3 31.6	1.111	2.037	14.9	20.3
5 1	11 50.02	− 3 8.1	1.175	2.038	19.3	20.6

426514 2013 RU_{44} 3 24.6 217.°99 3.°5/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.69	−13 39.8	2.089	2.888	13.6	21.7
3 2	12 33.33	−13 38.0	1.997	2.882	10.7	21.5
3 12	12 26.06	−13 18.4	1.929	2.875	7.4	21.3
3 22	12 17.51	−12 42.0	1.887	2.868	4.3	21.0
4 1	12 8.57	−11 52.5	1.873	2.861	3.8	21.0
4 11	12 0.21	−10 55.7	1.888	2.853	6.7	21.2
4 21	11 53.27	− 9 58.0	1.930	2.844	10.2	21.4
5 1	11 48.36	− 9 5.8	1.995	2.836	13.4	21.5

44956 1999 VQ_{77} 3 24.6 197.°78 0.°9/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.52	− 6 21.6	1.858	2.691	13.7	20.0
3 2	12 34.02	− 5 57.0	1.777	2.689	10.2	19.7
3 12	12 26.48	− 5 17.8	1.720	2.686	6.1	19.5
3 22	12 17.60	− 4 27.6	1.689	2.684	1.8	19.2
4 1	12 8.36	− 3 32.2	1.688	2.680	3.2	19.3
4 11	11 59.84	− 2 38.4	1.714	2.676	7.5	19.5
4 21	11 52.91	− 1 52.2	1.767	2.672	11.5	19.8
5 1	11 48.19	− 1 18.3	1.841	2.668	14.9	20.0

332358 2007 EH_{29} 3 24.6 296.°22 1.°7/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.63	− 6 34.1	1.746	2.581	14.3	20.3
3 2	12 34.44	− 6 41.7	1.649	2.561	10.8	20.0
3 12	12 26.91	− 6 35.7	1.575	2.540	6.8	19.7
3 22	12 17.73	− 6 18.1	1.527	2.519	2.5	19.4
4 1	12 7.91	− 5 52.6	1.506	2.499	3.4	19.4
4 11	11 58.65	− 5 24.9	1.513	2.478	8.0	19.6
4 21	11 51.01	− 5 0.9	1.545	2.458	12.4	19.8
5 1	11 45.78	− 4 45.6	1.598	2.438	16.2	20.0

370630 2003 YM_{115} 3 24.6 103.°15 18.°0/ 6.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 50.27	−36 11.6	1.213	1.913	26.5	20.4
3 2	12 43.82	−38 38.3	1.154	1.924	24.2	20.3
3 12	12 33.08	−40 24.3	1.108	1.934	21.7	20.1
3 22	12 19.11	−41 18.0	1.078	1.945	19.6	20.0
4 1	12 3.97	−41 12.5	1.066	1.955	18.2	19.9
4 11	11 50.22	−40 12.0	1.073	1.965	18.1	20.0
4 21	11 39.88	−38 30.1	1.098	1.975	19.2	20.1
5 1	11 34.13	−36 25.6	1.140	1.984	21.1	20.2

128960 2004 TF_{143} 3 24.6 209.°80 1.°6/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.51	− 8 26.8	1.811	2.636	14.3	20.5
3 2	12 34.86	− 8 4.5	1.724	2.631	10.8	20.3
3 12	12 27.02	− 7 25.2	1.661	2.624	6.7	20.0
3 22	12 17.73	− 6 31.8	1.625	2.618	2.5	19.7
4 1	12 8.01	− 5 30.2	1.618	2.610	3.3	19.8
4 11	11 58.99	− 4 27.6	1.638	2.602	7.6	20.0
4 21	11 51.61	− 3 31.2	1.685	2.593	11.8	20.2
5 1	11 46.55	− 2 46.6	1.754	2.584	15.4	20.4

127724 2003 ER_{45} 3 24.6 276.°17 1.°7/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.87	− 8 50.6	1.506	2.345	16.0	19.7
3 2	12 33.44	− 8 19.7	1.413	2.326	12.2	19.4
3 12	12 26.45	− 7 26.7	1.341	2.307	7.6	19.1
3 22	12 17.65	− 6 14.9	1.294	2.287	2.8	18.7
4 1	12 8.16	− 4 51.4	1.274	2.267	3.7	18.8
4 11	11 59.34	− 3 26.3	1.280	2.247	8.9	19.0
4 21	11 52.34	− 2 9.4	1.310	2.226	13.9	19.2
5 1	11 48.02	− 1 8.7	1.361	2.206	18.2	19.4

350156 2011 SU_{180} 3 24.6 220.°08 2.°3/22.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.27	+ 5 34.3	2.658	3.506	9.5	20.8
3 2	12 32.55	+ 5 56.6	2.577	3.501	6.9	20.6
3 12	12 25.40	+ 6 21.0	2.524	3.495	4.0	20.4
3 22	12 17.36	+ 6 43.8	2.499	3.489	2.2	20.3
4 1	12 9.11	+ 7 1.2	2.506	3.483	4.0	20.4
4 11	12 1.38	+ 7 10.0	2.541	3.477	6.9	20.5
4 21	11 54.75	+ 7 8.2	2.603	3.470	9.7	20.7
5 1	11 49.70	+ 6 55.0	2.689	3.464	12.1	20.9

346403 2008 SL_{149} 3 24.6 40.°16 4.°7/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.08	−16 25.8	1.764	2.564	15.7	20.4
3 2	12 31.62	−16 26.2	1.691	2.572	12.5	20.2
3 12	12 25.11	−16 3.9	1.639	2.580	9.0	20.0
3 22	12 17.33	−15 20.2	1.613	2.588	5.7	19.9
4 1	12 9.25	−14 19.4	1.612	2.597	4.9	19.8
4 11	12 1.97	−13 8.9	1.639	2.605	7.4	20.0
4 21	11 56.33	−11 57.1	1.691	2.614	10.8	20.2
5 1	11 52.92	−10 51.4	1.765	2.624	14.1	20.4

85289 1994 PJ_{32} 3 24.6 234.°16 0.°5/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.61	− 3 5.4	2.481	3.321	10.4	20.0
3 2	12 29.32	− 2 13.4	2.396	3.315	7.5	19.8
3 12	12 23.61	− 1 11.2	2.338	3.309	4.3	19.6
3 22	12 17.00	− 0 3.2	2.308	3.304	0.9	19.4
4 1	12 10.16	+ 1 5.3	2.308	3.297	2.9	19.5
4 11	12 3.80	+ 2 8.7	2.338	3.291	6.4	19.7
4 21	11 58.52	+ 3 2.4	2.394	3.285	9.5	19.9
5 1	11 54.80	+ 3 43.2	2.474	3.278	12.2	20.1

433211 2012 UW_{107} 3 24.6 5.°12 2.°9/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.29	+ 5 58.2	2.063	2.922	11.5	20.7
3 2	12 32.87	+ 6 26.1	1.994	2.922	8.2	20.5
3 12	12 25.70	+ 6 56.6	1.950	2.922	4.9	20.3
3 22	12 17.44	+ 7 24.5	1.934	2.923	2.9	20.2
4 1	12 8.97	+ 7 44.9	1.946	2.923	5.0	20.3
4 11	12 1.20	+ 7 53.7	1.986	2.924	8.4	20.5
4 21	11 54.86	+ 7 48.9	2.051	2.925	11.6	20.7
5 1	11 50.47	+ 7 29.8	2.138	2.926	14.4	20.9

500440 2012 TA_{168} 3 24.6 199.°99 1.°2/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.42	− 0 59.1	2.314	3.162	10.8	21.3
3 2	12 29.96	− 0 2.3	2.237	3.161	7.7	21.1
3 12	12 23.99	+ 1 3.6	2.185	3.159	4.3	20.9
3 22	12 17.08	+ 2 13.5	2.163	3.157	1.3	20.7
4 1	12 9.96	+ 3 21.6	2.169	3.155	3.5	20.8
4 11	12 3.37	+ 4 22.1	2.205	3.153	7.0	21.0
4 21	11 57.97	+ 5 10.6	2.267	3.151	10.2	21.2
5 1	11 54.23	+ 5 44.2	2.351	3.149	13.0	21.4

113601 2002 TY_{51} 3 24.6 153.°03 0.°4/24.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.43	− 2 35.7	2.820	3.654	9.5	20.5
3 2	12 30.40	− 1 52.5	2.747	3.662	6.9	20.3
3 12	12 24.13	− 1 1.5	2.700	3.671	3.9	20.1
3 22	12 17.11	− 0 6.4	2.683	3.678	0.8	19.9
4 1	12 9.96	+ 0 48.4	2.697	3.686	2.6	20.1
4 11	12 3.30	+ 1 38.7	2.740	3.692	5.6	20.3
4 21	11 57.65	+ 2 20.8	2.812	3.698	8.4	20.5
5 1	11 53.42	+ 2 52.3	2.908	3.704	10.8	20.6

154567 2003 HC_{31} 3 24.6 33.°01 6.°4/20.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.90	+13 10.8	1.454	2.325	14.6	19.9
3 2	12 36.67	+13 45.5	1.405	2.334	10.9	19.7
3 12	12 28.00	+14 14.9	1.379	2.344	7.6	19.5
3 22	12 17.93	+14 31.0	1.378	2.354	6.5	19.4
4 1	12 7.77	+14 27.8	1.404	2.365	8.6	19.6
4 11	11 58.83	+14 2.3	1.454	2.376	12.1	19.8
4 21	11 52.06	+13 15.7	1.526	2.388	15.6	20.1
5 1	11 47.99	+12 10.8	1.617	2.400	18.5	20.3

450196 2002 CZ_{288} 3 24.6 88.°39 9.°5/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 52.49	−25 48.6	1.697	2.423	19.1	21.0
3 2	12 43.66	−27 8.0	1.643	2.457	16.2	20.9
3 12	12 32.07	−27 58.2	1.610	2.491	13.1	20.8
3 22	12 18.80	−28 15.4	1.600	2.525	10.6	20.7
4 1	12 5.32	−27 59.9	1.616	2.557	9.5	20.7
4 11	11 53.14	−27 18.2	1.659	2.588	10.4	20.8
4 21	11 43.37	−26 19.7	1.727	2.619	12.5	21.0
5 1	11 36.67	−25 15.2	1.817	2.648	14.9	21.2

495933 2006 HQ_{66} 3 24.6 328.°51 2.°1/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.26	− 9 18.2	1.186	2.044	18.1	21.1
3 2	12 30.48	− 8 51.1	1.105	2.028	13.8	20.7
3 12	12 24.92	− 7 57.2	1.044	2.013	8.7	20.4
3 22	12 17.37	− 6 40.4	1.005	1.998	3.3	20.0
4 1	12 9.14	− 5 9.2	0.990	1.984	4.1	20.0
4 11	12 1.76	− 3 36.4	0.999	1.972	9.9	20.3
4 21	11 56.53	− 2 14.2	1.029	1.960	15.3	20.6
5 1	11 54.30	− 1 11.8	1.078	1.950	20.1	20.8

203512 2002 AB_{160} 3 24.6 344.°48 1.°6/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.63	− 6 40.3	0.999	1.876	19.1	18.9
3 2	12 29.59	− 6 31.3	0.927	1.861	14.4	18.6
3 12	12 24.53	− 5 58.2	0.874	1.848	8.9	18.2
3 22	12 17.31	− 5 5.2	0.841	1.836	2.9	17.8
4 1	12 9.37	− 4 0.9	0.831	1.826	4.5	17.9
4 11	12 2.45	− 2 57.5	0.842	1.817	10.7	18.2
4 21	11 57.92	− 2 6.2	0.873	1.811	16.5	18.5
5 1	11 56.69	− 1 35.0	0.921	1.807	21.4	18.8

284337 2006 RL_{24} 3 24.6 38.°61 3.°8/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.32	−15 15.5	2.072	2.870	13.8	20.7
3 2	12 30.84	−15 10.6	1.993	2.874	10.9	20.5
3 12	12 24.60	−14 46.6	1.936	2.878	7.7	20.3
3 22	12 17.25	−14 5.1	1.905	2.882	4.7	20.1
4 1	12 9.63	−13 9.9	1.901	2.887	4.1	20.1
4 11	12 2.65	−12 7.1	1.926	2.892	6.5	20.2
4 21	11 57.06	−11 3.4	1.977	2.896	9.7	20.4
5 1	11 53.38	−10 5.1	2.051	2.901	12.7	20.6

372583 2009 UT_{99} 3 24.6 156.°14 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.55	− 3 48.9	2.188	3.024	11.8	22.1
3 2	12 32.27	− 3 8.4	2.114	3.030	8.6	21.9
3 12	12 25.34	− 2 17.0	2.066	3.036	4.9	21.7
3 22	12 17.40	− 1 19.0	2.046	3.041	1.0	21.4
4 1	12 9.25	− 0 20.0	2.055	3.046	3.0	21.6
4 11	12 1.75	+ 0 34.1	2.094	3.050	6.8	21.8
4 21	11 55.58	+ 1 18.8	2.159	3.054	10.2	22.1
5 1	11 51.23	+ 1 50.6	2.247	3.057	13.1	22.3

508257 2015 HZ_{84} 3 24.6 317.°96 1.°2/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.61	− 8 20.7	2.085	2.916	12.5	21.4
3 2	12 29.59	− 7 42.1	2.000	2.910	9.4	21.1
3 12	12 23.89	− 6 47.9	1.940	2.904	5.7	20.9
3 22	12 17.10	− 5 41.8	1.906	2.899	2.0	20.6
4 1	12 10.03	− 4 29.4	1.901	2.894	2.8	20.7
4 11	12 3.53	− 3 17.6	1.924	2.889	6.6	20.9
4 21	11 58.32	− 2 12.7	1.973	2.884	10.2	21.1
5 1	11 54.92	− 1 19.6	2.046	2.879	13.4	21.3

242633 2005 MS_{26} 3 24.6 169.°92 3.°7/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.94	+ 9 19.8	2.633	3.492	9.3	20.8
3 2	12 30.16	+10 23.2	2.568	3.494	6.7	20.7
3 12	12 24.04	+11 27.2	2.530	3.496	4.4	20.5
3 22	12 17.12	+12 26.5	2.521	3.498	3.8	20.5
4 1	12 10.04	+13 16.0	2.542	3.499	5.5	20.6
4 11	12 3.48	+13 51.8	2.590	3.501	8.0	20.7
4 21	11 58.01	+14 12.0	2.664	3.501	10.4	20.9
5 1	11 54.04	+14 16.0	2.759	3.502	12.6	21.1

48266 2001 YV_{117} 3 24.6 304.°57 8.°2/15.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.00	+17 0.8	1.673	2.546	12.9	18.2
3 2	12 32.47	+18 36.5	1.609	2.533	10.2	18.0
3 12	12 25.71	+20 7.5	1.570	2.520	8.4	17.9
3 22	12 17.50	+21 23.3	1.555	2.506	8.6	17.8
4 1	12 8.93	+22 14.7	1.566	2.493	10.8	17.9
4 11	12 1.15	+22 36.6	1.601	2.481	13.8	18.1
4 21	11 55.13	+22 28.2	1.656	2.468	16.8	18.3
5 1	11 51.48	+21 52.0	1.727	2.456	19.4	18.4

497813 2006 TL_{81} 3 24.6 168.°49 3.°0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.65	−15 5.6	2.662	3.448	11.4	21.8
3 2	12 30.01	−14 48.4	2.575	3.450	8.9	21.6
3 12	12 24.00	−14 15.6	2.512	3.452	6.3	21.5
3 22	12 17.12	−13 28.8	2.476	3.454	3.8	21.3
4 1	12 10.03	−12 31.5	2.470	3.456	3.2	21.3
4 11	12 3.42	−11 28.6	2.493	3.457	5.4	21.4
4 21	11 57.89	−10 25.2	2.544	3.458	8.1	21.6
5 1	11 53.88	− 9 26.4	2.620	3.459	10.6	21.8

300245 2007 EC_{20} 3 24.6 270.°16 0.°7/24.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.82	− 3 42.6	1.448	2.303	15.6	21.8
3 2	12 34.21	− 2 50.5	1.358	2.284	11.5	21.5
3 12	12 26.96	− 1 39.5	1.290	2.264	6.6	21.1
3 22	12 17.82	− 0 15.6	1.248	2.243	1.4	20.7
4 1	12 7.98	+ 1 11.9	1.232	2.223	4.6	20.9
4 11	11 58.83	+ 2 32.1	1.243	2.202	10.1	21.1
4 21	11 51.59	+ 3 36.2	1.276	2.180	15.1	21.4
5 1	11 47.11	+ 4 18.4	1.329	2.158	19.5	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
458876	2011 UC_{146}		3 24.6	78.°93	3.°0/27.3	18
	h m	° ′			°	m
2 21	12 40.17	−12 3.2	1.497	2.321	16.9	21.8
3 2	12 34.67	−11 42.4	1.441	2.343	12.9	21.6
3 12	12 26.87	−10 59.1	1.407	2.364	8.4	21.4
3 22	12 17.73	− 9 57.2	1.398	2.386	4.1	21.2
4 1	12 8.45	− 8 43.7	1.416	2.407	3.9	21.2
4 11	12 0.28	− 7 28.1	1.460	2.428	7.9	21.5
4 21	11 54.12	− 6 19.0	1.529	2.449	12.0	21.8
5 1	11 50.50	− 5 23.0	1.620	2.469	15.6	22.1
270586	2002 KA_3		3 24.6	348.°88	5.°0/29.7	17
2 21	12 32.45	−17 57.4	1.576	2.382	17.0	20.1
3 2	12 29.29	−17 37.1	1.493	2.377	13.7	19.8
3 12	12 23.95	−16 47.9	1.430	2.372	9.9	19.6
3 22	12 17.15	−15 31.6	1.391	2.368	6.3	19.4
4 1	12 9.95	−13 53.7	1.378	2.364	5.2	19.3
4 11	12 3.50	−12 4.3	1.391	2.361	7.9	19.4
4 21	11 58.76	−10 14.8	1.428	2.359	11.8	19.7
5 1	11 56.39	− 8 35.3	1.488	2.358	15.6	19.9
170264	2003 QW_{65}		3 24.6	192.°72	2.°0/26.8	18
2 21	12 38.87	−11 5.5	2.068	2.878	13.3	20.8
3 2	12 33.43	−10 29.8	1.980	2.877	10.2	20.6
3 12	12 26.12	− 9 36.1	1.917	2.874	6.5	20.4
3 22	12 17.59	− 8 27.4	1.882	2.871	2.9	20.2
4 1	12 8.74	− 7 9.2	1.875	2.867	3.0	20.2
4 11	12 0.53	− 5 48.9	1.898	2.862	6.7	20.4
4 21	11 53.75	− 4 33.7	1.948	2.857	10.4	20.6
5 1	11 48.99	− 3 29.4	2.022	2.850	13.7	20.8
41920	2000 WA_{158}		3 24.6	148.°17	4.°0/20.7	18
2 21	12 42.83	+ 8 26.6	2.033	2.887	11.8	18.9
3 2	12 36.10	+ 9 20.0	1.974	2.898	8.6	18.7
3 12	12 27.52	+10 14.2	1.942	2.909	5.4	18.5
3 22	12 17.87	+11 2.7	1.938	2.920	4.1	18.4
4 1	12 8.08	+11 39.4	1.963	2.929	6.1	18.6
4 11	11 59.14	+12 0.1	2.017	2.938	9.3	18.8
4 21	11 51.81	+12 3.3	2.095	2.945	12.4	19.0
5 1	11 46.59	+11 49.1	2.195	2.952	15.0	19.2
366285	2013 AF_{130}		3 24.6	4.°95	2.°4/22.9	17
2 21	12 36.85	− 0 4.0	1.123	2.002	17.3	20.7
3 2	12 32.98	+ 0 49.9	1.063	2.002	12.5	20.4
3 12	12 26.24	+ 1 58.9	1.024	2.002	7.1	20.1
3 22	12 17.65	+ 3 13.7	1.008	2.003	2.4	19.8
4 1	12 8.66	+ 4 22.9	1.016	2.004	6.1	20.0
4 11	12 0.83	+ 5 16.0	1.048	2.007	11.6	20.3
4 21	11 55.34	+ 5 46.4	1.101	2.010	16.6	20.6
5 1	11 52.90	+ 5 51.8	1.170	2.013	20.7	20.9
350115	2011 QE_{12}		3 24.6	266.°47	0.°7/25.4	17
2 21	12 35.78	− 5 47.6	2.277	3.108	11.5	21.3
3 2	12 31.05	− 5 27.1	2.190	3.102	8.6	21.0
3 12	12 24.69	− 4 55.2	2.129	3.095	5.1	20.8
3 22	12 17.29	− 4 14.8	2.095	3.089	1.5	20.6
4 1	12 9.61	− 3 30.3	2.090	3.082	2.6	20.6
4 11	12 2.45	− 2 46.9	2.114	3.076	6.3	20.9
4 21	11 56.51	− 2 9.3	2.164	3.069	9.7	21.0
5 1	11 52.31	− 1 41.2	2.238	3.062	12.7	21.2
406433	2007 TQ_{243}		3 24.6	119.°28	5.°9/20.0	18
2 21	12 45.41	+12 38.8	1.673	2.533	13.6	20.9
3 2	12 38.25	+13 24.9	1.621	2.545	10.1	20.7
3 12	12 28.84	+14 7.1	1.595	2.557	7.0	20.6
3 22	12 18.15	+14 37.6	1.595	2.569	6.0	20.5
4 1	12 7.38	+14 50.2	1.623	2.580	8.0	20.7
4 11	11 57.73	+14 41.8	1.677	2.590	11.3	20.9
4 21	11 50.10	+14 12.5	1.754	2.601	14.6	21.1
5 1	11 45.02	+13 24.7	1.851	2.610	17.3	21.3
140607	2001 UC_4		3 24.6	118.°67	0.°4/25.1	18
2 21	12 35.28	− 5 22.5	2.470	3.300	10.8	20.4
3 2	12 30.47	− 4 49.7	2.398	3.310	7.9	20.3
3 12	12 24.25	− 4 6.6	2.351	3.319	4.6	20.1
3 22	12 17.19	− 3 16.6	2.333	3.328	1.2	19.8
4 1	12 9.97	− 2 24.2	2.345	3.337	2.5	19.9
4 11	12 3.31	− 1 34.5	2.386	3.346	5.9	20.2
4 21	11 57.81	− 0 51.7	2.454	3.354	8.9	20.4
5 1	11 53.88	− 0 18.9	2.546	3.363	11.6	20.6
22089	2000 AA_{186}		3 24.6	29.°28	2.°2/22.3	18
2 21	12 34.10	− 0 0.2	1.700	2.564	13.2	17.7
3 2	12 30.14	+ 1 15.4	1.637	2.568	9.4	17.4
3 12	12 24.27	+ 2 42.1	1.598	2.574	5.3	17.2
3 22	12 17.21	+ 4 12.4	1.585	2.579	2.2	17.0
4 1	12 9.93	+ 5 37.1	1.601	2.585	5.0	17.2
4 11	12 3.44	+ 6 48.3	1.644	2.591	9.1	17.5
4 21	11 58.52	+ 7 40.7	1.710	2.597	12.8	17.7
5 1	11 55.70	+ 8 11.7	1.797	2.604	16.0	17.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
288623	2004 OF_9		3 24.6	288.°85	2.°6/21.6	16
	h m	° ′			°	m
2 21	12 35.02	+ 4 6.3	2.323	3.180	10.4	21.2
3 2	12 30.56	+ 4 59.1	2.227	3.156	7.5	21.0
3 12	12 24.46	+ 5 57.8	2.158	3.131	4.4	20.7
3 22	12 17.27	+ 6 57.4	2.117	3.106	2.6	20.6
4 1	12 9.70	+ 7 51.9	2.105	3.081	4.8	20.7
4 11	12 2.56	+ 8 35.8	2.121	3.056	8.1	20.8
4 21	11 56.57	+ 9 5.5	2.162	3.031	11.3	21.0
5 1	11 52.27	+ 9 18.9	2.225	3.006	14.1	21.1
295081	2008 EL_{135}		3 24.6	285.°59	1.°9/22.9	17
2 21	12 38.36	+ 0 45.5	1.690	2.549	13.6	21.3
3 2	12 33.53	+ 1 26.1	1.600	2.529	9.9	21.0
3 12	12 26.41	+ 2 17.3	1.533	2.508	5.6	20.7
3 22	12 17.71	+ 3 13.2	1.493	2.488	1.9	20.4
4 1	12 8.45	+ 4 6.5	1.481	2.467	4.9	20.5
4 11	11 59.81	+ 4 49.9	1.495	2.446	9.5	20.7
4 21	11 52.81	+ 5 17.8	1.533	2.425	13.8	20.9
5 1	11 48.20	+ 5 27.3	1.591	2.405	17.5	21.1
434023	2001 ST_{53}		3 24.6	147.°75	3.°1/20.9	17
2 21	12 39.36	+ 9 10.7	2.780	3.629	9.2	21.6
3 2	12 33.22	+ 9 41.0	2.716	3.638	6.6	21.5
3 12	12 25.74	+10 10.9	2.679	3.646	4.2	21.3
3 22	12 17.50	+10 36.3	2.673	3.654	3.1	21.3
4 1	12 9.16	+10 53.6	2.696	3.662	4.7	21.4
4 11	12 1.40	+10 59.9	2.749	3.669	7.2	21.5
4 21	11 54.77	+10 54.3	2.829	3.676	9.6	21.7
5 1	11 49.68	+10 36.4	2.931	3.682	11.7	21.9
201057	2002 EW_{61}		3 24.6	73.°03	0.°3/24.4	18
2 21	12 40.09	− 4 15.0	1.377	2.231	16.3	20.3
3 2	12 34.69	− 3 28.6	1.327	2.251	11.8	20.1
3 12	12 26.92	− 2 26.3	1.299	2.272	6.7	19.9
3 22	12 17.76	− 1 15.1	1.297	2.292	1.3	19.6
4 1	12 8.51	− 0 4.2	1.321	2.312	4.1	19.8
4 11	12 0.44	+ 0 57.5	1.372	2.333	9.1	20.1
4 21	11 54.47	+ 1 43.6	1.446	2.353	13.5	20.4
5 1	11 51.14	+ 2 10.8	1.540	2.372	17.1	20.7
17297	3560 P–L		3 24.6	172.°68	1.°3/26.1	18 R
2 21	12 38.32	− 7 4.6	2.678	3.493	10.5	17.4
3 2	12 32.64	− 7 7.0	2.593	3.494	7.9	17.2
3 12	12 25.51	− 6 59.8	2.535	3.496	4.9	17.1
3 22	12 17.48	− 6 45.0	2.505	3.497	1.9	16.8
4 1	12 9.22	− 6 25.1	2.506	3.498	2.4	16.9
4 11	12 1.46	− 6 3.8	2.537	3.498	5.4	17.1
4 21	11 54.81	− 5 44.6	2.595	3.499	8.4	17.3
5 1	11 49.72	− 5 30.5	2.679	3.499	11.0	17.4
24526	Desai		3 24.6	279.°72	0.°2/24.5	17
2 21	12 39.03	− 2 16.9	1.952	2.796	12.7	19.1
3 2	12 33.62	− 2 5.3	1.871	2.791	9.3	18.9
3 12	12 26.27	− 1 44.2	1.814	2.786	5.3	18.7
3 22	12 17.66	− 1 17.1	1.785	2.781	1.1	18.3
4 1	12 8.71	− 0 48.8	1.784	2.776	3.3	18.5
4 11	12 0.43	− 0 24.4	1.812	2.771	7.5	18.7
4 21	11 53.63	− 0 8.0	1.865	2.765	11.3	19.0
5 1	11 48.92	− 0 2.8	1.940	2.761	14.5	19.2
38211	1999 NV_4		3 24.6	221.°24	1.°0/23.5	18
2 21	12 37.18	− 1 5.3	2.358	3.199	10.8	20.1
3 2	12 32.02	− 0 19.9	2.269	3.190	7.8	19.9
3 12	12 25.25	+ 0 34.6	2.207	3.180	4.4	19.6
3 22	12 17.44	+ 1 33.6	2.174	3.169	1.1	19.4
4 1	12 9.33	+ 2 31.8	2.171	3.158	3.4	19.5
4 11	12 1.72	+ 3 23.7	2.197	3.147	7.0	19.7
4 21	11 55.31	+ 4 5.0	2.250	3.135	10.3	19.9
5 1	11 50.62	+ 4 32.8	2.326	3.122	13.2	20.1
385288	2001 TP_{84}		3 24.6	124.°50	1.°3/23.1	18
2 21	12 37.52	+ 1 23.5	2.500	3.345	10.2	21.2
3 2	12 32.04	+ 1 51.2	2.433	3.355	7.3	21.0
3 12	12 25.13	+ 2 24.1	2.392	3.365	4.1	20.8
3 22	12 17.39	+ 2 58.3	2.381	3.375	1.4	20.6
4 1	12 9.52	+ 3 29.7	2.399	3.384	3.4	20.8
4 11	12 2.24	+ 3 54.3	2.447	3.394	6.5	21.0
4 21	11 56.15	+ 4 9.5	2.521	3.403	9.4	21.2
5 1	11 51.67	+ 4 13.6	2.619	3.411	11.9	21.4
307056	2001 YT_{81}		3 24.6	142.°93	5.°1/18.9	18
2 21	12 38.98	+11 49.3	2.108	2.969	11.1	20.7
3 2	12 33.32	+13 0.3	2.053	2.978	8.3	20.5
3 12	12 25.95	+14 9.6	2.024	2.986	5.8	20.4
3 22	12 17.57	+15 10.1	2.024	2.994	5.3	20.3
4 1	12 9.05	+15 55.7	2.052	3.001	7.2	20.5
4 11	12 1.29	+16 22.1	2.106	3.008	9.9	20.7
4 21	11 54.99	+16 28.3	2.185	3.015	12.7	20.8
5 1	11 50.63	+16 15.0	2.283	3.021	15.0	21.0

465126 2006 WF_{204} 3 24.6 104.°67 3.°0/21.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.20	+ 3 23.2	1.875	2.734	12.4	21.7
3 2	12 32.85	+ 4 35.4	1.821	2.751	8.8	21.5
3 12	12 25.70	+ 5 53.5	1.794	2.768	5.1	21.3
3 22	12 17.51	+ 7 10.2	1.794	2.784	3.0	21.2
4 1	12 9.22	+ 8 17.8	1.824	2.800	5.4	21.4
4 11	12 1.78	+ 9 10.4	1.880	2.816	9.0	21.6
4 21	11 55.90	+ 9 44.5	1.961	2.831	12.3	21.9
5 1	11 52.08	+ 9 59.3	2.064	2.846	15.1	22.1

283324 1996 VE_{19} 3 24.6 227.°26 2.°4/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.77	−14 5.8	2.919	3.705	10.5	22.9
3 2	12 30.08	−13 32.5	2.814	3.692	8.2	22.8
3 12	12 24.06	−12 44.1	2.734	3.679	5.6	22.6
3 22	12 17.19	−11 42.6	2.683	3.665	3.1	22.4
4 1	12 10.05	−10 31.5	2.662	3.650	2.7	22.3
4 11	12 3.30	− 9 15.7	2.672	3.635	5.1	22.5
4 21	11 57.49	− 8 0.6	2.710	3.619	7.8	22.6
5 1	11 53.08	− 6 51.0	2.774	3.603	10.4	22.8

500022 2011 QU_{94} 3 24.6 357.°91 4.°7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.23	−16 18.6	2.250	3.030	13.3	20.5
3 2	12 33.67	−16 52.4	2.163	3.030	10.8	20.4
3 12	12 26.27	−17 9.9	2.099	3.030	7.9	20.2
3 22	12 17.67	−17 10.6	2.062	3.030	5.5	20.0
4 1	12 8.71	−16 56.1	2.053	3.030	4.9	20.0
4 11	12 0.31	−16 30.4	2.072	3.030	6.7	20.1
4 21	11 53.25	−15 58.6	2.117	3.030	9.5	20.3
5 1	11 48.12	−15 26.2	2.187	3.030	12.3	20.4

504649 2008 YQ_{39} 3 24.6 191.°00 4.°6/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.49	+10 36.7	2.214	3.077	10.6	21.1
3 2	12 31.53	+11 39.8	2.150	3.077	7.8	21.0
3 12	12 24.94	+12 42.7	2.111	3.076	5.3	20.8
3 22	12 17.37	+13 39.0	2.101	3.076	4.7	20.8
4 1	12 9.61	+14 22.7	2.119	3.075	6.6	20.9
4 11	12 2.49	+14 49.7	2.165	3.074	9.3	21.0
4 21	11 56.67	+14 58.1	2.234	3.073	12.1	21.2
5 1	11 52.66	+14 48.1	2.323	3.072	14.5	21.4

4025 Ridley 3 24.6 138.°86 1.°2/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.98	− 1 56.8	1.678	2.526	14.2	17.7
3 2	12 35.13	− 1 1.8	1.614	2.538	10.2	17.5
3 12	12 27.13	+ 0 5.5	1.575	2.548	5.7	17.3
3 22	12 17.84	+ 1 18.5	1.563	2.558	1.4	17.0
4 1	12 8.35	+ 2 29.2	1.580	2.568	4.2	17.2
4 11	11 59.79	+ 3 29.7	1.624	2.577	8.7	17.5
4 21	11 53.02	+ 4 14.8	1.693	2.585	12.7	17.8
5 1	11 48.63	+ 4 41.5	1.784	2.593	16.1	18.0

338301 2002 UU_{71} 3 24.6 211.°75 3.°6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.01	−16 6.3	2.343	3.130	12.7	20.8
3 2	12 30.51	−15 47.5	2.252	3.127	10.1	20.6
3 12	12 24.40	−15 10.1	2.185	3.124	7.1	20.4
3 22	12 17.27	−14 15.7	2.145	3.121	4.4	20.2
4 1	12 9.87	−13 8.2	2.133	3.118	3.7	20.2
4 11	12 2.99	−11 53.4	2.150	3.114	6.0	20.3
4 21	11 57.33	−10 37.8	2.194	3.111	9.0	20.5
5 1	11 53.40	− 9 27.6	2.262	3.107	11.9	20.7

129416 2291 $T\text{-}3$ 3 24.6 146.°43 1.°0/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.34	− 5 34.1	1.638	2.474	15.1	20.8
3 2	12 36.98	− 5 25.0	1.568	2.481	11.2	20.5
3 12	12 28.28	− 5 1.6	1.521	2.488	6.7	20.3
3 22	12 18.10	− 4 27.4	1.500	2.494	2.0	20.0
4 1	12 7.62	− 3 48.1	1.508	2.500	3.4	20.1
4 11	11 58.07	− 3 10.4	1.543	2.506	8.1	20.4
4 21	11 50.43	− 2 40.1	1.603	2.510	12.4	20.7
5 1	11 45.33	− 2 21.4	1.685	2.515	16.0	20.9

70127 1999 NC_4 3 24.6 292.°68 4.°0/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.12	+ 3 33.8	1.460	2.333	14.5	18.9
3 2	12 33.00	+ 4 53.6	1.370	2.306	10.5	18.6
3 12	12 26.30	+ 6 26.2	1.304	2.279	6.3	18.3
3 22	12 17.75	+ 8 2.5	1.263	2.253	4.0	18.0
4 1	12 8.47	+ 9 31.2	1.249	2.226	7.3	18.2
4 11	11 59.84	+10 41.4	1.260	2.199	12.1	18.3
4 21	11 53.04	+11 26.5	1.292	2.172	16.7	18.5
5 1	11 48.93	+11 43.5	1.342	2.145	20.7	18.7

157153 2004 PF_{19} 3 24.6 238.°75 0.°7/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.32	− 5 44.4	2.077	2.909	12.5	21.0
3 2	12 33.08	− 5 22.6	1.987	2.899	9.3	20.8
3 12	12 25.98	− 4 48.1	1.921	2.888	5.6	20.6
3 22	12 17.63	− 4 4.0	1.883	2.877	1.6	20.3
4 1	12 8.90	− 3 15.3	1.873	2.866	2.9	20.3
4 11	12 0.73	− 2 27.9	1.893	2.854	7.0	20.6
4 21	11 53.93	− 1 47.0	1.938	2.842	10.7	20.8
5 1	11 49.11	− 1 16.9	2.007	2.830	14.0	21.0

310320 2011 UO_{149} 3 24.6 163.°94 1.°0/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.10	− 8 8.3	1.760	2.591	14.4	21.4
3 2	12 33.80	− 7 22.3	1.685	2.595	10.8	21.2
3 12	12 26.42	− 6 18.0	1.634	2.600	6.5	20.9
3 22	12 17.72	− 5 0.4	1.609	2.603	2.0	20.7
4 1	12 8.73	− 3 36.8	1.613	2.606	3.2	20.7
4 11	12 0.54	− 2 15.7	1.646	2.609	7.7	21.0
4 21	11 54.02	− 1 4.7	1.704	2.610	11.8	21.3
5 1	11 49.77	− 0 9.3	1.784	2.612	15.3	21.5

506010 2015 HK_{39} 3 24.6 224.°56 4.°4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.46	+11 28.8	2.511	3.372	9.6	21.4
3 2	12 30.67	+12 32.1	2.441	3.367	7.1	21.2
3 12	12 24.42	+13 34.8	2.399	3.361	5.0	21.1
3 22	12 17.28	+14 31.1	2.385	3.356	4.5	21.0
4 1	12 9.94	+15 15.8	2.400	3.350	6.2	21.1
4 11	12 3.13	+15 45.0	2.442	3.345	8.7	21.3
4 21	11 57.45	+15 56.8	2.509	3.339	11.2	21.4
5 1	11 53.37	+15 51.4	2.597	3.333	13.4	21.6

5781 Barkhatova 3 24.6 110.°71 2.°2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.56	− 9 10.6	1.313	2.155	17.7	16.8
3 2	12 35.45	− 8 52.3	1.246	2.160	13.4	16.5
3 12	12 27.61	− 8 11.5	1.199	2.164	8.4	16.3
3 22	12 18.00	− 7 12.3	1.176	2.168	3.3	16.0
4 1	12 7.99	− 6 2.1	1.179	2.172	4.0	16.0
4 11	11 59.04	− 4 51.4	1.208	2.176	9.1	16.3
4 21	11 52.31	− 3 49.5	1.259	2.180	14.0	16.6
5 1	11 48.50	− 3 3.3	1.331	2.184	18.1	16.9

76864 2000 XR_{13} 3 24.6 244.°37 20.°7/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 46.49	−42 49.5	1.315	1.961	26.9	17.8
3 2	12 41.52	−45 20.5	1.242	1.957	25.4	17.6
3 12	12 32.15	−47 12.4	1.180	1.952	23.8	17.4
3 22	12 19.15	−48 12.4	1.132	1.948	22.2	17.3
4 1	12 4.43	−48 10.7	1.098	1.943	21.1	17.2
4 11	11 50.65	−47 6.9	1.081	1.937	20.7	17.1
4 21	11 40.20	−45 10.9	1.079	1.932	21.2	17.1
5 1	11 34.56	−42 39.6	1.094	1.927	22.5	17.2

130838 2000 UY_{47} 3 24.6 217.°69 0.°4/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.17	− 3 28.2	1.949	2.787	12.9	20.7
3 2	12 34.53	− 2 47.4	1.861	2.778	9.5	20.5
3 12	12 26.85	− 1 53.7	1.798	2.769	5.4	20.2
3 22	12 17.84	− 0 51.9	1.763	2.758	1.1	19.9
4 1	12 8.41	+ 0 11.7	1.757	2.747	3.5	20.1
4 11	11 59.61	+ 1 10.1	1.780	2.735	7.8	20.3
4 21	11 52.32	+ 1 57.6	1.829	2.723	11.8	20.5
5 1	11 47.16	+ 2 30.4	1.899	2.709	15.2	20.7

189621 2001 CL_6 3 24.6 59.°44 5.°3/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.47	−15 31.7	1.753	2.548	16.0	19.8
3 2	12 36.24	−16 12.8	1.690	2.567	12.7	19.6
3 12	12 27.81	−16 33.9	1.650	2.586	9.2	19.5
3 22	12 18.02	−16 34.5	1.634	2.606	6.1	19.3
4 1	12 7.99	−16 17.2	1.646	2.625	5.4	19.3
4 11	11 58.90	−15 47.4	1.684	2.645	7.8	19.5
4 21	11 51.65	−15 12.0	1.748	2.665	11.0	19.7
5 1	11 46.84	−14 37.8	1.835	2.684	14.0	20.0

497134 2004 QZ_{12} 3 24.6 242.°42 0.°1/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.57	− 2 49.8	2.268	3.099	11.6	22.0
3 2	12 35.36	− 2 41.1	2.169	3.082	8.6	21.8
3 12	12 27.28	− 2 23.5	2.096	3.065	5.0	21.6
3 22	12 17.93	− 2 0.0	2.051	3.047	1.1	21.2
4 1	12 8.13	− 1 34.3	2.037	3.028	3.0	21.4
4 11	11 58.82	− 1 11.0	2.053	3.009	6.9	21.6
4 21	11 50.81	− 0 54.1	2.095	2.989	10.5	21.8
5 1	11 44.72	− 0 46.5	2.161	2.969	13.6	21.9

285760 2000 UE_{24} 3 24.6 187.°68 2.°5/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.14	+ 4 56.7	2.637	3.485	9.6	21.3
3 2	12 32.51	+ 5 49.2	2.561	3.484	6.9	21.2
3 12	12 25.45	+ 6 45.4	2.512	3.483	4.1	21.0
3 22	12 17.51	+ 7 40.5	2.493	3.481	2.5	20.9
4 1	12 9.37	+ 8 29.5	2.504	3.478	4.4	21.0
4 11	12 1.75	+ 9 8.1	2.545	3.474	7.2	21.2
4 21	11 55.25	+ 9 33.6	2.612	3.470	10.0	21.3
5 1	11 50.32	+ 9 44.9	2.703	3.464	12.4	21.5

443659 2015 FM_{213} 3 24.6 196.°06 4.°4/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.87	+11 38.3	2.504	3.365	9.6	21.1
3 2	12 30.95	+12 42.2	2.438	3.363	7.1	20.9
3 12	12 24.58	+13 45.3	2.399	3.361	5.0	20.8
3 22	12 17.33	+14 41.7	2.389	3.359	4.6	20.7
4 1	12 9.89	+15 26.1	2.407	3.357	6.3	20.8
4 11	12 3.01	+15 54.8	2.453	3.354	8.8	21.0
4 21	11 57.28	+16 6.2	2.523	3.351	11.2	21.1
5 1	11 53.16	+16 0.2	2.614	3.348	13.4	21.3

302055 2000 UV_2 3 24.6 106.°87 1.°8/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.45	− 9 51.5	1.728	2.551	15.0	21.5
3 2	12 34.66	− 9 14.4	1.668	2.572	11.2	21.3
3 12	12 26.82	− 8 18.6	1.631	2.592	7.0	21.0
3 22	12 17.80	− 7 8.8	1.621	2.612	2.7	20.8
4 1	12 8.65	− 5 51.9	1.639	2.631	3.2	20.9
4 11	12 0.46	− 4 36.3	1.685	2.650	7.4	21.2
4 21	11 54.04	− 3 29.2	1.758	2.668	11.3	21.5
5 1	11 49.91	− 2 35.9	1.852	2.685	14.6	21.7

264701 2002 AG_{120} 3 24.6 76.°65 3.°1/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.24	−11 43.9	1.785	2.599	15.0	20.2
3 2	12 34.50	−11 45.5	1.723	2.619	11.5	20.0
3 12	12 26.75	−11 28.9	1.685	2.638	7.6	19.8
3 22	12 17.79	−10 56.4	1.673	2.658	4.0	19.6
4 1	12 8.68	−10 12.6	1.688	2.678	3.7	19.6
4 11	12 0.47	− 9 24.2	1.731	2.697	7.1	19.9
4 21	11 53.99	− 8 37.6	1.800	2.716	10.7	20.1
5 1	11 49.76	− 7 58.5	1.891	2.735	13.9	20.4

502537 2015 BK_{443} 3 24.6 124.°54 2.°5/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.81	+ 3 4.6	2.047	2.904	11.6	21.4
3 2	12 31.84	+ 4 0.9	1.982	2.910	8.3	21.2
3 12	12 25.16	+ 5 3.2	1.942	2.916	4.8	21.0
3 22	12 17.46	+ 6 5.5	1.930	2.922	2.5	20.8
4 1	12 9.57	+ 7 1.3	1.948	2.927	4.8	21.0
4 11	12 2.38	+ 7 45.1	1.993	2.932	8.3	21.2
4 21	11 56.58	+ 8 13.5	2.063	2.938	11.5	21.4
5 1	11 52.68	+ 8 25.0	2.154	2.942	14.3	21.6

135261 2001 SE_{63} 3 24.7 143.°82 0.°1/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.38	− 4 54.7	2.535	3.367	10.5	20.1
3 2	12 29.83	− 4 4.9	2.460	3.374	7.6	19.9
3 12	12 23.93	− 3 4.5	2.411	3.380	4.4	19.7
3 22	12 17.20	− 1 57.6	2.390	3.386	0.9	19.5
4 1	12 10.31	− 0 49.3	2.400	3.391	2.6	19.6
4 11	12 3.94	+ 0 14.9	2.440	3.397	5.9	19.9
4 21	11 58.67	+ 1 10.7	2.507	3.402	9.0	20.1
5 1	11 54.91	+ 1 54.6	2.597	3.406	11.6	20.2

77370 2001 FB_{135} 3 24.7 282.°58 8.°3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.89	−27 8.2	2.085	2.810	16.0	18.9
3 2	12 32.37	−27 38.8	1.983	2.795	13.8	18.7
3 12	12 25.74	−27 44.1	1.901	2.781	11.5	18.5
3 22	12 17.64	−27 21.6	1.841	2.767	9.4	18.4
4 1	12 8.99	−26 31.6	1.806	2.752	8.3	18.3
4 11	12 0.87	−25 18.7	1.797	2.738	9.0	18.3
4 21	11 54.22	−23 50.4	1.813	2.723	11.0	18.4
5 1	11 49.76	−22 16.1	1.853	2.709	13.6	18.5

273913 2007 HB_{71} 3 24.7 45.°30 6.°1/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.41	+12 15.6	1.607	2.479	13.4	20.2
3 2	12 34.03	+13 16.6	1.559	2.489	10.0	20.0
3 12	12 26.52	+14 14.4	1.535	2.499	7.0	19.8
3 22	12 17.76	+15 0.7	1.536	2.510	6.2	19.8
4 1	12 8.88	+15 28.4	1.565	2.521	8.4	20.0
4 11	12 1.03	+15 33.5	1.617	2.532	11.6	20.2
4 21	11 55.04	+15 15.8	1.693	2.543	14.8	20.4
5 1	11 51.43	+14 37.0	1.786	2.555	17.5	20.6

242741 2005 UX_{479} 3 24.7 237.°27 1.°5/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.60	− 0 28.7	2.199	3.044	11.4	21.9
3 2	12 32.50	+ 0 29.5	2.106	3.029	8.2	21.7
3 12	12 25.64	+ 1 38.0	2.040	3.013	4.6	21.4
3 22	12 17.60	+ 2 51.4	2.002	2.996	1.5	21.2
4 1	12 9.18	+ 4 3.4	1.994	2.979	4.0	21.3
4 11	12 1.27	+ 5 7.3	2.015	2.961	7.8	21.5
4 21	11 54.63	+ 5 58.1	2.063	2.943	11.3	21.7
5 1	11 49.83	+ 6 32.7	2.132	2.924	14.3	21.9

193996 2001 RE_{152} 3 24.7 220.°50 3.°8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.65	+ 4 50.8	1.716	2.577	13.3	20.6
3 2	12 35.08	+ 6 3.3	1.639	2.569	9.6	20.4
3 12	12 27.26	+ 7 23.1	1.587	2.560	5.8	20.1
3 22	12 17.95	+ 8 42.1	1.562	2.550	3.8	20.0
4 1	12 8.24	+ 9 51.4	1.566	2.540	6.5	20.1
4 11	11 59.27	+10 43.5	1.597	2.528	10.5	20.3
4 21	11 52.03	+11 14.1	1.651	2.517	14.4	20.5
5 1	11 47.18	+11 22.0	1.724	2.504	17.7	20.7

16145 1999 XP_{166} 3 24.7 148.°97 3.°2/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.27	−13 43.2	2.358	3.150	12.5	18.3
3 2	12 32.80	−13 39.6	2.277	3.157	9.7	18.1
3 12	12 25.71	−13 20.2	2.220	3.164	6.7	17.9
3 22	12 17.60	−12 46.5	2.191	3.171	3.9	17.8
4 1	12 9.26	−12 1.7	2.190	3.177	3.5	17.7
4 11	12 1.52	−11 11.1	2.219	3.183	6.0	17.9
4 21	11 55.05	−10 20.0	2.275	3.188	9.0	18.1
5 1	11 50.36	− 9 33.5	2.356	3.193	11.7	18.3

121520 1999 UE_{27} 3 24.7 61.°09 1.°2/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.14	− 5 27.5	1.713	2.549	14.5	19.5
3 2	12 35.85	− 5 33.8	1.658	2.571	10.7	19.3
3 12	12 27.51	− 5 27.4	1.627	2.594	6.4	19.1
3 22	12 17.97	− 5 11.5	1.622	2.616	2.1	18.9
4 1	12 8.34	− 4 50.5	1.646	2.639	3.2	19.0
4 11	11 59.70	− 4 29.7	1.697	2.661	7.4	19.3
4 21	11 52.89	− 4 14.0	1.774	2.684	11.2	19.6
5 1	11 48.42	− 4 6.7	1.873	2.706	14.4	19.8

30007 Johnclarke 3 24.7 286.°70 2.°5/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.27	− 9 50.2	1.389	2.229	17.1	19.3
3 2	12 34.02	− 9 33.6	1.296	2.208	13.1	18.9
3 12	12 27.01	− 8 53.5	1.223	2.187	8.5	18.6
3 22	12 17.97	− 7 52.2	1.175	2.166	3.6	18.3
4 1	12 8.13	− 6 36.1	1.152	2.145	4.0	18.2
4 11	11 58.96	− 5 15.3	1.154	2.124	9.3	18.5
4 21	11 51.75	− 4 0.5	1.180	2.103	14.5	18.7
5 1	11 47.45	− 3 0.5	1.225	2.082	19.1	18.9

98494 Marsupilami 3 24.7 111.°05 1.°8/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.69	+ 0 34.8	1.650	2.504	14.1	20.1
3 2	12 35.63	+ 1 18.5	1.593	2.519	10.1	19.9
3 12	12 27.43	+ 2 11.0	1.560	2.534	5.7	19.6
3 22	12 17.97	+ 3 6.0	1.554	2.549	1.9	19.4
4 1	12 8.37	+ 3 56.2	1.577	2.563	4.6	19.6
4 11	11 59.76	+ 4 35.2	1.626	2.576	8.9	19.9
4 21	11 53.01	+ 4 58.9	1.700	2.589	12.8	20.2
5 1	11 48.65	+ 5 5.5	1.795	2.602	16.0	20.4

317891 2003 UL_{163} 3 24.7 141.°92 0.°5/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.69	− 4 11.1	1.863	2.704	13.3	21.4
3 2	12 33.35	− 3 12.1	1.795	2.714	9.7	21.2
3 12	12 26.10	− 1 59.5	1.752	2.723	5.5	20.9
3 22	12 17.70	− 0 39.1	1.736	2.732	1.1	20.6
4 1	12 9.09	+ 0 41.6	1.750	2.740	3.5	20.8
4 11	12 1.27	+ 1 54.6	1.792	2.748	7.8	21.1
4 21	11 55.03	+ 2 54.3	1.860	2.755	11.6	21.4
5 1	11 50.90	+ 3 36.9	1.950	2.761	14.8	21.6

420795 2013 GQ_{132} 3 24.7 255.°74 2.°4/23.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 50.37	+ 4 55.3	1.773	2.616	13.8	21.2
3 2	12 42.33	+ 4 52.6	1.676	2.596	10.2	20.9
3 12	12 31.59	+ 4 52.0	1.604	2.575	6.0	20.6
3 22	12 18.93	+ 4 49.2	1.561	2.553	2.5	20.4
4 1	12 5.57	+ 4 39.5	1.547	2.531	5.1	20.5
4 11	11 52.89	+ 4 19.2	1.563	2.508	9.7	20.7
4 21	11 42.10	+ 3 46.4	1.605	2.485	14.0	20.9
5 1	11 34.04	+ 3 0.8	1.669	2.461	17.7	21.1

195597 2002 JN_{143} 3 24.7 279.°34 7.°7/15.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.83	+18 30.8	1.958	2.821	11.8	19.9
3 2	12 33.64	+19 53.7	1.885	2.801	9.5	19.7
3 12	12 26.40	+21 11.2	1.838	2.781	7.9	19.6
3 22	12 17.79	+22 14.3	1.816	2.761	8.1	19.6
4 1	12 8.79	+22 55.4	1.821	2.741	10.1	19.6
4 11	12 0.45	+23 10.1	1.851	2.720	12.8	19.8
4 21	11 53.66	+22 57.7	1.902	2.699	15.5	19.9
5 1	11 49.06	+22 20.2	1.970	2.679	17.9	20.0

253259 2003 AM_{58} 3 24.7 85.°73 3.°2/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.48	+ 4 36.9	1.726	2.586	13.2	19.9
3 2	12 34.60	+ 5 32.5	1.678	2.608	9.4	19.7
3 12	12 26.76	+ 6 32.3	1.656	2.629	5.5	19.5
3 22	12 17.82	+ 7 29.3	1.661	2.650	3.2	19.4
4 1	12 8.85	+ 8 16.2	1.694	2.671	5.6	19.6
4 11	12 0.86	+ 8 47.9	1.754	2.692	9.3	19.9
4 21	11 54.64	+ 9 1.8	1.838	2.712	12.8	20.1
5 1	11 50.65	+ 8 57.6	1.943	2.732	15.6	20.4

467731 2009 MA_5 3 24.7 160.°62 8.°1/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.16	−23 59.1	1.816	2.567	17.1	21.4
3 2	12 34.86	−24 40.3	1.732	2.568	14.5	21.3
3 12	12 27.21	−24 55.5	1.669	2.569	11.7	21.1
3 22	12 17.98	−24 42.7	1.628	2.569	9.2	20.9
4 1	12 8.25	−24 2.6	1.613	2.570	8.1	20.9
4 11	11 59.26	−23 1.0	1.623	2.571	9.1	20.9
4 21	11 52.03	−21 46.2	1.658	2.571	11.7	21.1
5 1	11 47.29	−20 27.9	1.716	2.572	14.5	21.2

320717 2008 DY_{65} 3 24.7 16.°75 4.°7/20.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 32.94	+ 3 57.7	1.148	2.038	16.2	19.9
3 2	12 29.98	+ 5 31.5	1.100	2.044	11.5	19.7
3 12	12 24.46	+ 7 14.8	1.073	2.051	6.9	19.4
3 22	12 17.37	+ 8 55.0	1.071	2.059	4.8	19.3
4 1	12 10.05	+10 19.3	1.093	2.069	8.1	19.5
4 11	12 3.88	+11 17.9	1.137	2.080	12.6	19.8
4 21	11 59.83	+11 46.7	1.202	2.092	16.9	20.1
5 1	11 58.49	+11 45.9	1.284	2.106	20.4	20.4

247220 2001 QJ_{129} 3 24.7 129.°66 5.°8/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.83	−24 5.7	2.762	3.484	12.5	21.3
3 2	12 33.10	−24 29.0	2.681	3.497	10.5	21.1
3 12	12 25.85	−24 33.9	2.622	3.510	8.4	21.0
3 22	12 17.65	−24 19.8	2.589	3.523	6.6	20.9
4 1	12 9.23	−23 48.1	2.583	3.535	5.8	20.9
4 11	12 1.34	−23 2.7	2.606	3.546	6.5	20.9
4 21	11 54.64	−22 8.7	2.656	3.558	8.3	21.1
5 1	11 49.60	−21 11.6	2.731	3.568	10.3	21.2

504513 2008 QQ_{27} 3 24.7 292.°77 8.°0/13.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.37	+13 18.0	1.766	2.640	12.3	20.6
3 2	12 31.49	+16 17.9	1.681	2.608	9.6	20.3
3 12	12 25.37	+19 25.1	1.624	2.576	8.0	20.2
3 22	12 17.62	+22 24.9	1.597	2.543	8.9	20.1
4 1	12 9.18	+25 2.6	1.598	2.510	11.7	20.2
4 11	12 1.21	+27 7.1	1.625	2.477	15.1	20.4
4 21	11 54.74	+28 33.6	1.672	2.444	18.3	20.5
5 1	11 50.58	+29 22.3	1.735	2.410	21.1	20.6

138832 2000 UX_{88} 3 24.7 147.°16 1.°9/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.02	+ 3 26.8	2.813	3.662	9.1	20.9
3 2	12 30.17	+ 4 14.2	2.745	3.670	6.4	20.7
3 12	12 24.09	+ 5 5.5	2.704	3.677	3.7	20.5
3 22	12 17.27	+ 5 56.5	2.693	3.684	1.9	20.4
4 1	12 10.32	+ 6 42.9	2.712	3.690	3.7	20.6
4 11	12 3.87	+ 7 20.7	2.760	3.696	6.4	20.7
4 21	11 58.42	+ 7 47.5	2.835	3.702	9.0	20.9
5 1	11 54.36	+ 8 1.8	2.933	3.708	11.2	21.1

59813 1999 RU_{18} 3 24.7 159.°43 0.°7/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.45	− 6 16.7	1.689	2.522	14.8	20.6
3 2	12 36.30	− 5 41.1	1.617	2.530	11.0	20.3
3 12	12 27.91	− 4 49.2	1.569	2.537	6.5	20.1
3 22	12 18.11	− 3 45.8	1.548	2.543	1.7	19.8
4 1	12 8.02	− 2 38.1	1.556	2.548	3.4	19.9
4 11	11 58.82	− 1 33.9	1.591	2.552	8.1	20.2
4 21	11 51.45	− 0 40.2	1.653	2.556	12.3	20.5
5 1	11 46.53	− 0 1.6	1.735	2.559	15.8	20.7

125725 2001 XA_{109} 3 24.7 224.°69 3.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.10	+ 4 26.1	1.680	2.539	13.6	20.0
3 2	12 36.17	+ 5 12.2	1.603	2.532	9.9	19.8
3 12	12 27.92	+ 6 4.5	1.550	2.524	5.8	19.5
3 22	12 18.13	+ 6 56.2	1.525	2.515	3.2	19.3
4 1	12 7.93	+ 7 39.6	1.528	2.506	5.9	19.5
4 11	11 58.53	+ 8 8.5	1.557	2.497	10.1	19.7
4 21	11 50.93	+ 8 19.2	1.610	2.487	14.1	19.9
5 1	11 45.81	+ 8 10.6	1.684	2.477	17.5	20.1

110318 2001 SL_{280} 3 24.7 251.°98 1.°0/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.36	− 0 32.1	2.559	3.400	10.1	20.3
3 2	12 31.40	+ 0 4.4	2.463	3.383	7.3	20.1
3 12	12 24.94	+ 0 48.5	2.393	3.365	4.1	19.9
3 22	12 17.48	+ 1 36.7	2.352	3.347	1.1	19.6
4 1	12 9.70	+ 2 24.1	2.341	3.328	3.2	19.8
4 11	12 2.34	+ 3 6.2	2.359	3.309	6.6	20.0
4 21	11 56.04	+ 3 39.1	2.404	3.289	9.7	20.1
5 1	11 51.32	+ 4 0.1	2.473	3.269	12.5	20.3

306108 2010 JE_{32} 3 24.7 286.°94 3.°3/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.50	−11 19.9	1.443	2.274	17.0	20.7
3 2	12 34.14	−11 13.7	1.348	2.254	13.2	20.4
3 12	12 27.07	−10 44.2	1.274	2.233	8.8	20.1
3 22	12 18.01	− 9 52.7	1.223	2.212	4.4	19.7
4 1	12 8.16	− 8 44.4	1.199	2.191	4.3	19.7
4 11	11 58.95	− 7 28.6	1.200	2.170	9.0	19.9
4 21	11 51.66	− 6 15.3	1.225	2.149	14.0	20.1
5 1	11 47.20	− 5 13.7	1.269	2.128	18.5	20.3

496522 2014 VF_{14} 3 24.7 194.°43 3.°2/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.14	+ 4 38.9	2.119	2.974	11.4	22.2
3 2	12 33.58	+ 5 52.1	2.045	2.971	8.2	22.0
3 12	12 26.23	+ 7 11.2	1.996	2.968	4.9	21.8
3 22	12 17.76	+ 8 29.3	1.977	2.964	3.2	21.7
4 1	12 9.01	+ 9 39.2	1.987	2.959	5.5	21.8
4 11	12 0.90	+10 34.9	2.026	2.954	8.9	22.0
4 21	11 54.18	+11 12.8	2.090	2.948	12.1	22.2
5 1	11 49.39	+11 31.4	2.175	2.940	14.9	22.4

259990 2004 FX_{69} 3 24.7 139.°11 0.°1/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.02	− 5 7.4	1.960	2.797	12.9	21.1
3 2	12 32.81	− 4 18.9	1.890	2.806	9.4	20.8
3 12	12 25.79	− 3 16.9	1.845	2.815	5.5	20.6
3 22	12 17.66	− 2 6.5	1.828	2.823	1.2	20.3
4 1	12 9.32	− 0 54.2	1.839	2.831	3.2	20.5
4 11	12 1.72	+ 0 12.8	1.880	2.838	7.3	20.8
4 21	11 55.61	+ 1 8.8	1.946	2.845	11.0	21.0
5 1	11 51.50	+ 1 50.0	2.035	2.851	14.1	21.2

362110 2009 CG_{33} 3 24.7 301.°79 4.°3/20.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.67	+ 4 18.8	1.436	2.311	14.5	21.3
3 2	12 32.47	+ 5 46.4	1.368	2.305	10.5	21.1
3 12	12 25.88	+ 7 23.6	1.324	2.299	6.3	20.8
3 22	12 17.71	+ 9 0.3	1.305	2.293	4.4	20.7
4 1	12 9.14	+10 25.2	1.313	2.287	7.4	20.8
4 11	12 1.45	+11 29.0	1.345	2.281	11.7	21.1
4 21	11 55.66	+12 6.7	1.400	2.276	15.9	21.3
5 1	11 52.44	+12 17.2	1.473	2.271	19.4	21.5

205757 2002 CY_{26} 3 24.7 70.°61 0.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.48	− 2 49.4	1.331	2.185	16.8	20.1
3 2	12 37.21	− 2 26.8	1.284	2.209	12.1	19.9
3 12	12 28.42	− 1 50.8	1.260	2.233	6.9	19.7
3 22	12 18.21	− 1 7.2	1.261	2.256	1.4	19.4
4 1	12 7.95	− 0 23.7	1.288	2.280	4.1	19.6
4 11	11 59.01	+ 0 12.1	1.342	2.303	9.2	20.0
4 21	11 52.35	+ 0 35.0	1.419	2.327	13.6	20.3
5 1	11 48.50	+ 0 42.3	1.516	2.350	17.2	20.6

289421 2005 EK_{7} 3 24.7 355.°77 0.°4/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.92	− 3 33.3	1.248	2.116	16.8	20.8
3 2	12 32.19	− 2 58.9	1.181	2.112	12.3	20.5
3 12	12 25.82	− 2 7.0	1.135	2.110	7.1	20.2
3 22	12 17.71	− 1 3.9	1.112	2.108	1.4	19.8
4 1	12 9.16	+ 0 1.1	1.115	2.107	4.4	20.0
4 11	12 1.61	+ 0 57.9	1.142	2.107	10.0	20.4
4 21	11 56.17	+ 1 39.1	1.190	2.108	14.9	20.6
5 1	11 53.55	+ 2 0.1	1.258	2.109	19.1	20.9

306900 2001 TG_{167} 3 24.7 182.°08 0.°4/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.72	− 4 29.6	2.350	3.175	11.4	21.0
3 2	12 34.57	− 4 13.7	2.267	3.176	8.4	20.8
3 12	12 26.75	− 3 47.9	2.210	3.176	5.0	20.6
3 22	12 17.87	− 3 15.3	2.181	3.176	1.3	20.3
4 1	12 8.73	− 2 39.8	2.184	3.175	2.7	20.4
4 11	12 0.18	− 2 6.1	2.216	3.174	6.3	20.6
4 21	11 52.92	− 1 38.3	2.275	3.171	9.7	20.8
5 1	11 47.48	− 1 19.6	2.358	3.168	12.6	21.0

183447 2003 BV_{8} 3 24.7 88.°92 0.°3/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.81	− 5 42.4	1.733	2.575	14.1	20.2
3 2	12 32.80	− 4 56.0	1.672	2.589	10.3	20.0
3 12	12 25.82	− 3 54.5	1.634	2.604	6.0	19.8
3 22	12 17.67	− 2 43.5	1.623	2.618	1.4	19.5
4 1	12 9.35	− 1 30.4	1.640	2.632	3.3	19.7
4 11	12 1.91	− 0 22.9	1.685	2.646	7.7	20.0
4 21	11 56.12	+ 0 32.7	1.755	2.660	11.6	20.3
5 1	11 52.52	+ 1 12.4	1.847	2.674	14.9	20.5

412891 2014 QX_{49} 3 24.7 78.°22 3.°6/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.82	−13 7.4	1.432	2.257	17.4	20.8
3 2	12 34.01	−12 51.1	1.366	2.266	13.5	20.5
3 12	12 26.73	−12 9.9	1.320	2.275	9.0	20.3
3 22	12 17.89	−11 6.8	1.299	2.285	4.7	20.1
4 1	12 8.74	− 9 48.7	1.303	2.294	4.3	20.1
4 11	12 0.60	− 8 25.5	1.334	2.303	8.3	20.3
4 21	11 54.48	− 7 7.4	1.388	2.313	12.6	20.6
5 1	11 51.02	− 6 2.3	1.464	2.322	16.5	20.8

85430 1997 BW_{5} 3 24.7 77.°03 1.°3/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.53	− 6 36.0	1.292	2.141	17.5	19.9
3 2	12 36.12	− 6 21.0	1.231	2.151	13.0	19.7
3 12	12 27.99	− 5 47.0	1.191	2.160	7.9	19.4
3 22	12 18.16	− 4 58.6	1.176	2.170	2.5	19.1
4 1	12 8.02	− 4 3.4	1.186	2.180	3.9	19.2
4 11	11 59.04	− 3 10.7	1.222	2.189	9.2	19.6
4 21	11 52.33	− 2 28.1	1.281	2.199	14.0	19.8
5 1	11 48.54	− 2 1.1	1.360	2.208	18.0	20.1

13807 1998 XE_{13} 3 24.7 209.°42 1.°3/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.99	+ 0 15.7	2.216	3.064	11.2	18.8
3 2	12 31.96	+ 0 54.0	2.137	3.061	8.1	18.5
3 12	12 25.28	+ 1 40.0	2.085	3.058	4.5	18.3
3 22	12 17.57	+ 2 29.0	2.060	3.055	1.4	18.1
4 1	12 9.60	+ 3 15.8	2.065	3.051	3.7	18.2
4 11	12 2.21	+ 3 55.1	2.099	3.048	7.3	18.5
4 21	11 56.11	+ 4 23.2	2.158	3.044	10.6	18.7
5 1	11 51.79	+ 4 37.8	2.240	3.040	13.5	18.8

211624 2003 UB_{117} 3 24.7 184.°89 2.°1/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.97	+ 1 18.1	1.893	2.745	12.7	20.6
3 2	12 34.34	+ 2 11.0	1.819	2.745	9.1	20.4
3 12	12 26.74	+ 3 12.4	1.771	2.745	5.2	20.2
3 22	12 17.89	+ 4 16.3	1.751	2.744	2.1	20.0
4 1	12 8.76	+ 5 15.5	1.759	2.743	4.6	20.1
4 11	12 0.36	+ 6 3.6	1.796	2.741	8.6	20.4
4 21	11 53.53	+ 6 36.3	1.858	2.738	12.3	20.6
5 1	11 48.84	+ 6 51.5	1.940	2.735	15.5	20.8

406896 2009 DX_{81} 3 24.7 79.°30 2.°8/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.71	+ 1 3.0	1.474	2.340	14.7	21.0
3 2	12 33.05	+ 2 17.9	1.414	2.347	10.5	20.8
3 12	12 26.10	+ 3 43.9	1.379	2.354	6.0	20.5
3 22	12 17.75	+ 5 12.3	1.369	2.362	2.8	20.3
4 1	12 9.17	+ 6 32.9	1.386	2.369	5.8	20.5
4 11	12 1.55	+ 7 37.0	1.429	2.376	10.3	20.8
4 21	11 55.82	+ 8 19.5	1.495	2.383	14.4	21.1
5 1	11 52.57	+ 8 38.5	1.581	2.390	17.8	21.3

454108 2013 CE_{14} 3 24.7 52.°05 2.°5/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.74	+ 0 55.6	1.235	2.107	16.6	21.1
3 2	12 34.82	+ 1 47.1	1.181	2.116	11.9	20.8
3 12	12 27.23	+ 2 50.2	1.149	2.126	6.7	20.5
3 22	12 18.00	+ 3 56.0	1.142	2.136	2.6	20.3
4 1	12 8.54	+ 4 54.6	1.160	2.146	5.8	20.5
4 11	12 0.29	+ 5 37.4	1.203	2.157	10.9	20.9
4 21	11 54.31	+ 5 59.5	1.267	2.168	15.4	21.1
5 1	11 51.20	+ 5 59.4	1.350	2.179	19.2	21.4

264946 2002 VK_{128} 3 24.7 118.°91 1.°1/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.82	− 1 10.9	1.996	2.840	12.4	21.4
3 2	12 33.99	− 0 22.2	1.937	2.858	8.9	21.2
3 12	12 26.41	+ 0 35.5	1.903	2.875	5.0	21.0
3 22	12 17.80	+ 1 37.0	1.897	2.892	1.3	20.8
4 1	12 9.08	+ 2 35.8	1.921	2.909	3.7	21.0
4 11	12 1.17	+ 3 26.0	1.974	2.924	7.6	21.3
4 21	11 54.78	+ 4 3.3	2.052	2.939	11.0	21.5
5 1	11 50.39	+ 4 25.6	2.153	2.954	13.9	21.7

35333 1997 EW_{55} 3 24.7 289.°67 0.°1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.18	− 3 59.5	2.338	3.175	11.1	19.5
3 2	12 30.61	− 3 33.8	2.254	3.170	8.1	19.3
3 12	12 24.50	− 2 58.0	2.196	3.165	4.7	19.1
3 22	12 17.41	− 2 15.6	2.165	3.160	1.1	18.8
4 1	12 10.06	− 1 31.1	2.164	3.155	2.7	19.0
4 11	12 3.23	− 0 49.4	2.191	3.150	6.3	19.2
4 21	11 57.56	− 0 14.9	2.245	3.145	9.6	19.4
5 1	11 53.57	+ 0 9.3	2.322	3.141	12.5	19.6

59802 1999 PZ_5 3 24.7 244.°62 3.°0/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.17	+ 5 39.1	2.418	3.277	10.0	19.8
3 2	12 29.82	+ 6 44.7	2.343	3.272	7.1	19.6
3 12	12 24.02	+ 7 54.3	2.296	3.268	4.3	19.5
3 22	12 17.31	+ 9 2.4	2.277	3.263	3.1	19.4
4 1	12 10.38	+10 2.9	2.287	3.258	5.0	19.5
4 11	12 3.96	+10 51.1	2.326	3.252	8.0	19.7
4 21	11 58.67	+11 23.7	2.390	3.247	10.8	19.8
5 1	11 54.96	+11 39.5	2.475	3.242	13.2	20.0

35003 1979 MT_1 3 24.7 199.°67 2.°2/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.15	+ 1 5.3	1.855	2.707	12.9	20.0
3 2	12 34.56	+ 2 5.7	1.778	2.704	9.3	19.7
3 12	12 26.91	+ 3 15.7	1.727	2.700	5.3	19.5
3 22	12 17.95	+ 4 28.7	1.703	2.696	2.2	19.3
4 1	12 8.64	+ 5 37.2	1.708	2.690	4.8	19.4
4 11	12 0.06	+ 6 33.8	1.740	2.684	8.9	19.7
4 21	11 53.07	+ 7 13.9	1.798	2.677	12.7	19.9
5 1	11 48.27	+ 7 35.1	1.877	2.670	16.0	20.1

374117 2004 TO_{17} 3 24.7 119.°93 3.°1/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.38	−15 53.0	2.441	3.223	12.4	22.0
3 2	12 32.05	−15 22.2	2.370	3.242	9.7	21.9
3 12	12 25.23	−14 33.7	2.322	3.262	6.7	21.7
3 22	12 17.56	−13 29.9	2.302	3.280	4.0	21.6
4 1	12 9.76	−12 15.3	2.312	3.298	3.3	21.5
4 11	12 2.61	−10 56.0	2.351	3.315	5.6	21.7
4 21	11 56.72	− 9 38.2	2.419	3.332	8.5	21.9
5 1	11 52.52	− 8 27.5	2.512	3.348	11.1	22.1

498367 2007 VC_{325} 3 24.7 93.°52 3.°0/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.40	−13 52.2	2.342	3.138	12.4	21.3
3 2	12 31.42	−13 40.4	2.270	3.153	9.7	21.1
3 12	12 24.92	−13 12.5	2.223	3.168	6.6	20.9
3 22	12 17.50	−12 30.4	2.202	3.183	3.8	20.8
4 1	12 9.92	−11 38.0	2.210	3.197	3.3	20.8
4 11	12 2.96	−10 40.7	2.247	3.212	5.8	21.0
4 21	11 57.26	− 9 44.1	2.311	3.226	8.7	21.2
5 1	11 53.28	− 8 53.2	2.400	3.240	11.4	21.4

162667 2000 SN_{267} 3 24.7 83.°70 1.°3/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.51	− 1 54.2	1.480	2.336	15.3	20.1
3 2	12 34.92	− 0 58.8	1.430	2.357	11.0	19.9
3 12	12 27.09	+ 0 9.3	1.404	2.378	6.1	19.7
3 22	12 17.96	+ 1 22.4	1.403	2.398	1.5	19.4
4 1	12 8.75	+ 2 31.8	1.430	2.419	4.5	19.7
4 11	12 0.66	+ 3 29.3	1.484	2.439	9.1	20.0
4 21	11 54.55	+ 4 9.8	1.561	2.459	13.3	20.3
5 1	11 50.94	+ 4 30.9	1.659	2.478	16.6	20.6

55555 DNA 3 24.7 239.°25 8.°0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.65	−25 55.5	2.066	2.796	16.0	18.2
3 2	12 34.40	−26 30.8	1.968	2.786	13.7	18.0
3 12	12 26.96	−26 41.6	1.890	2.776	11.3	17.8
3 22	12 17.99	−26 25.4	1.835	2.766	9.1	17.6
4 1	12 8.47	−25 42.6	1.806	2.755	8.0	17.5
4 11	11 59.50	−24 37.8	1.803	2.744	8.9	17.6
4 21	11 52.06	−23 18.4	1.825	2.733	11.1	17.7
5 1	11 46.88	−21 53.6	1.871	2.721	13.8	17.8

217084 2001 TK_{134} 3 24.7 171.°98 2.°0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.33	+ 2 33.0	2.514	3.359	10.1	21.5
3 2	12 32.72	+ 3 30.8	2.441	3.364	7.2	21.3
3 12	12 25.64	+ 4 34.2	2.395	3.368	4.1	21.1
3 22	12 17.66	+ 5 38.1	2.380	3.371	2.0	21.0
4 1	12 9.50	+ 6 37.2	2.394	3.373	4.1	21.1
4 11	12 1.90	+ 7 26.6	2.439	3.375	7.2	21.3
4 21	11 55.49	+ 8 2.9	2.510	3.375	10.1	21.5
5 1	11 50.70	+ 8 24.6	2.603	3.375	12.5	21.7

385260 2001 QK_{112} 3 24.7 152.°19 4.°1/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.67	−19 28.3	3.021	3.769	11.0	22.0
3 2	12 32.13	−19 35.6	2.935	3.778	9.0	21.8
3 12	12 25.27	−19 27.7	2.873	3.787	6.8	21.7
3 22	12 17.58	−19 5.0	2.838	3.795	4.8	21.6
4 1	12 9.70	−18 29.5	2.833	3.803	4.2	21.5
4 11	12 2.28	−17 44.9	2.857	3.810	5.4	21.6
4 21	11 55.89	−16 55.4	2.910	3.817	7.4	21.8
5 1	11 50.94	−16 5.9	2.988	3.823	9.6	21.9

29947 1999 JD_{84} 3 24.7 20.°30 10.°6/13.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.05	+20 25.3	1.419	2.299	14.3	16.8
3 2	12 31.27	+22 45.3	1.384	2.304	11.8	16.6
3 12	12 25.13	+24 53.1	1.372	2.309	10.6	16.6
3 22	12 17.57	+26 35.6	1.385	2.315	11.4	16.6
4 1	12 9.81	+27 42.9	1.420	2.322	13.6	16.8
4 11	12 3.12	+28 11.0	1.477	2.329	16.3	17.0
4 21	11 58.40	+28 1.8	1.551	2.337	18.9	17.2
5 1	11 56.23	+27 20.3	1.640	2.346	21.1	17.4

375880 2009 VX_{60} 3 24.7 92.°13 4.°0/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.86	−16 31.7	1.874	2.671	15.0	20.6
3 2	12 31.45	−16 5.5	1.796	2.676	11.9	20.4
3 12	12 25.11	−15 16.0	1.740	2.682	8.4	20.2
3 22	12 17.57	−14 5.4	1.709	2.688	5.1	20.0
4 1	12 9.75	−12 39.1	1.706	2.693	4.2	20.0
4 11	12 2.67	−11 5.5	1.731	2.699	6.9	20.2
4 21	11 57.11	− 9 33.3	1.782	2.704	10.5	20.4
5 1	11 53.66	− 8 10.3	1.857	2.709	13.7	20.6

299940 2006 TG_{43} 3 24.7 225.°28 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.64	− 3 2.9	2.842	3.674	9.5	22.2
3 2	12 30.74	− 2 30.5	2.749	3.663	6.9	22.0
3 12	12 24.51	− 1 49.9	2.682	3.652	4.0	21.8
3 22	12 17.43	− 1 4.1	2.645	3.640	0.8	21.6
4 1	12 10.10	− 0 17.2	2.638	3.628	2.5	21.7
4 11	12 3.18	+ 0 26.6	2.661	3.616	5.6	21.9
4 21	11 57.21	+ 1 3.7	2.712	3.603	8.5	22.0
5 1	11 52.65	+ 1 31.3	2.787	3.589	11.1	22.2

44022 1997 WB_{43} 3 24.7 81.°24 3.°5/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.89	+ 6 50.8	2.105	2.966	11.2	19.0
3 2	12 31.86	+ 7 44.6	2.047	2.976	8.0	18.8
3 12	12 25.20	+ 8 40.6	2.014	2.986	4.9	18.6
3 22	12 17.57	+ 9 32.8	2.010	2.995	3.5	18.5
4 1	12 9.81	+10 15.3	2.035	3.005	5.5	18.7
4 11	12 2.76	+10 43.7	2.086	3.015	8.6	18.9
4 21	11 57.09	+10 55.8	2.163	3.024	11.6	19.1
5 1	11 53.26	+10 51.1	2.260	3.034	14.2	19.3

109174 2001 QS_{65} 3 24.7 98.°81 3.°4/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.88	−12 39.5	1.798	2.608	15.0	19.4
3 2	12 34.38	−12 40.7	1.727	2.619	11.7	19.2
3 12	12 26.80	−12 22.9	1.679	2.630	7.9	19.0
3 22	12 17.94	−11 47.8	1.657	2.641	4.3	18.8
4 1	12 8.81	−11 0.0	1.662	2.651	3.9	18.8
4 11	12 0.50	−10 6.2	1.695	2.662	7.2	19.0
4 21	11 53.89	− 9 13.3	1.754	2.672	10.9	19.2
5 1	11 49.54	− 8 27.7	1.836	2.682	14.2	19.5

504230 2006 UW_{192} 3 24.7 205.°32 3.°0/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.01	−16 39.3	3.283	4.049	9.8	22.4
3 2	12 30.17	−16 20.5	3.181	4.042	7.8	22.2
3 12	12 24.14	−15 47.9	3.104	4.035	5.6	22.0
3 22	12 17.36	−15 2.6	3.056	4.027	3.6	21.9
4 1	12 10.36	−14 7.2	3.037	4.019	3.1	21.8
4 11	12 3.72	−13 5.6	3.049	4.010	4.7	21.9
4 21	11 57.94	−12 2.3	3.090	4.000	7.0	22.1
5 1	11 53.43	−11 1.4	3.158	3.990	9.2	22.2

240716 2005 GF_{116} 3 24.7 223.°29 2.°2/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.70	−12 42.6	2.510	3.310	11.6	21.1
3 2	12 30.24	−12 7.4	2.415	3.303	8.9	20.9
3 12	12 24.30	−11 15.9	2.344	3.296	5.9	20.7
3 22	12 17.40	−10 10.8	2.302	3.288	3.0	20.5
4 1	12 10.24	− 8 56.2	2.289	3.280	2.7	20.5
4 11	12 3.54	− 7 38.1	2.306	3.272	5.6	20.6
4 21	11 57.95	− 6 22.4	2.351	3.263	8.7	20.8
5 1	11 53.94	− 5 14.6	2.421	3.254	11.6	21.0

166618 2002 SF_5 3 24.7 116.°07 1.°3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.44	+ 1 25.7	2.254	3.099	11.1	20.1
3 2	12 33.62	+ 1 46.0	2.186	3.108	8.0	19.9
3 12	12 26.19	+ 2 11.8	2.145	3.117	4.5	19.7
3 22	12 17.80	+ 2 39.1	2.132	3.126	1.4	19.5
4 1	12 9.24	+ 3 3.6	2.149	3.135	3.5	19.7
4 11	12 1.36	+ 3 21.1	2.194	3.143	7.0	19.9
4 21	11 54.82	+ 3 29.1	2.266	3.151	10.2	20.1
5 1	11 50.10	+ 3 25.8	2.361	3.159	12.9	20.3

460235 2014 QB_{240} 3 24.7 242.°10 2.°0/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.91	− 8 41.9	1.798	2.621	14.5	22.2
3 2	12 36.14	− 8 31.5	1.701	2.605	11.1	21.9
3 12	12 28.02	− 8 4.2	1.627	2.588	7.0	21.6
3 22	12 18.25	− 7 22.2	1.580	2.571	2.9	21.3
4 1	12 7.87	− 6 30.3	1.561	2.553	3.4	21.3
4 11	11 58.08	− 5 35.3	1.569	2.534	7.8	21.6
4 21	11 49.91	− 4 44.3	1.604	2.514	12.2	21.8
5 1	11 44.15	− 4 3.6	1.661	2.494	16.0	22.0

333571 2006 BV_{179} 3 24.7 274.°80 3.°1/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.19	+ 3 46.9	1.881	2.744	12.2	20.8
3 2	12 31.64	+ 4 52.6	1.810	2.741	8.7	20.6
3 12	12 25.21	+ 6 5.1	1.764	2.738	5.1	20.3
3 22	12 17.61	+ 7 17.5	1.745	2.735	3.1	20.2
4 1	12 9.72	+ 8 22.2	1.755	2.732	5.5	20.4
4 11	12 2.52	+ 9 12.7	1.791	2.729	9.2	20.6
4 21	11 56.80	+ 9 45.0	1.852	2.725	12.7	20.8
5 1	11 53.11	+ 9 57.6	1.933	2.722	15.7	21.0

191146 2002 GT_{128} 3 24.7 49.°59 1.°7/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.26	− 9 17.5	1.845	2.674	14.0	20.1
3 2	12 31.74	− 8 50.1	1.769	2.676	10.5	19.8
3 12	12 25.29	− 8 5.3	1.716	2.678	6.6	19.6
3 22	12 17.63	− 7 6.7	1.689	2.681	2.6	19.4
4 1	12 9.68	− 6 0.3	1.691	2.683	3.0	19.4
4 11	12 2.43	− 4 53.3	1.720	2.686	7.1	19.6
4 21	11 56.71	− 3 52.6	1.774	2.689	10.9	19.9
5 1	11 53.08	− 3 3.7	1.851	2.692	14.3	20.1

504659 2009 AK_{29} 3 24.7 238.°76 5.°2/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.75	−18 50.5	2.195	2.966	13.9	21.1
3 2	12 32.72	−19 9.7	2.106	2.964	11.4	20.9
3 12	12 25.84	−19 9.4	2.039	2.962	8.6	20.7
3 22	12 17.75	−18 49.6	1.998	2.960	6.1	20.5
4 1	12 9.30	−18 12.3	1.984	2.958	5.3	20.5
4 11	12 1.40	−17 22.3	1.997	2.955	6.9	20.6
4 21	11 54.87	−16 26.0	2.037	2.953	9.7	20.7
5 1	11 50.28	−15 29.8	2.101	2.951	12.5	20.9

112169 2002 JX_{81} 3 24.7 289.°42 1.°6/25.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.29	− 7 55.1	1.538	2.378	15.7	20.5
3 2	12 33.88	− 7 34.3	1.438	2.353	11.9	20.2
3 12	12 26.91	− 6 53.5	1.361	2.327	7.4	19.8
3 22	12 18.05	− 5 55.5	1.308	2.301	2.7	19.5
4 1	12 8.41	− 4 46.4	1.281	2.275	3.7	19.5
4 11	11 59.32	− 3 35.4	1.281	2.248	8.9	19.7
4 21	11 51.99	− 2 31.3	1.305	2.222	13.9	19.9
5 1	11 47.31	− 1 41.7	1.349	2.196	18.3	20.1

467975 2012 LW_{10} 3 24.7 259.°14 10.°9/ 9.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.93	+27 50.4	1.916	2.765	12.6	20.7
3 2	12 33.13	+30 5.2	1.870	2.755	11.3	20.6
3 12	12 26.18	+32 5.6	1.849	2.744	11.0	20.5
3 22	12 17.83	+33 40.9	1.853	2.734	11.9	20.5
4 1	12 9.15	+34 43.2	1.880	2.723	13.6	20.6
4 11	12 1.25	+35 9.6	1.929	2.712	15.7	20.8
4 21	11 55.05	+35 1.5	1.994	2.701	17.7	20.9
5 1	11 51.17	+34 23.1	2.074	2.689	19.5	21.0

224532 2005 WH_{105} 3 24.7 110.°48 1.°5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.41	−10 30.4	2.161	2.975	12.7	21.2
3 2	12 32.19	− 9 35.3	2.096	2.996	9.5	21.0
3 12	12 25.37	− 8 23.8	2.057	3.016	5.9	20.8
3 22	12 17.63	− 7 0.4	2.045	3.036	2.3	20.6
4 1	12 9.79	− 5 31.3	2.063	3.056	2.6	20.7
4 11	12 2.68	− 4 4.0	2.111	3.074	6.2	20.9
4 21	11 56.94	− 2 44.9	2.186	3.093	9.6	21.2
5 1	11 53.03	− 1 38.7	2.286	3.110	12.5	21.4

522668 2016 GC_{265} 3 24.7 257.°79 0.°9/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.73	− 7 1.4	1.907	2.741	13.3	22.1
3 2	12 32.12	− 6 26.6	1.819	2.732	10.0	21.8
3 12	12 25.57	− 5 36.0	1.755	2.722	6.0	21.6
3 22	12 17.72	− 4 33.4	1.718	2.712	1.8	21.3
4 1	12 9.48	− 3 24.9	1.710	2.703	3.0	21.3
4 11	12 1.84	− 2 17.7	1.729	2.693	7.3	21.6
4 21	11 55.66	− 1 18.5	1.774	2.682	11.3	21.8
5 1	11 51.55	− 0 32.6	1.842	2.672	14.8	22.0

470461 2008 AN_{15} 3 24.7 323.°40 6.°0/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.01	−21 4.9	2.274	3.031	13.9	20.9
3 2	12 32.18	−21 33.6	2.183	3.027	11.6	20.7
3 12	12 25.55	−21 42.6	2.114	3.024	9.0	20.5
3 22	12 17.71	−21 31.2	2.069	3.020	6.8	20.4
4 1	12 9.49	−21 0.8	2.051	3.016	6.0	20.3
4 11	12 1.79	−20 15.6	2.061	3.013	7.2	20.4
4 21	11 55.40	−19 21.6	2.097	3.010	9.6	20.5
5 1	11 50.91	−18 25.4	2.156	3.007	12.2	20.7

146206 2000 UT_{65} 3 24.7 208.°60 1.°7/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.99	−10 46.5	2.996	3.796	9.9	21.4
3 2	12 30.23	−10 24.6	2.900	3.790	7.5	21.2
3 12	12 24.22	− 9 50.8	2.830	3.784	4.9	21.1
3 22	12 17.40	− 9 7.1	2.789	3.777	2.4	20.9
4 1	12 10.36	− 8 16.7	2.778	3.769	2.3	20.9
4 11	12 3.71	− 7 23.9	2.798	3.761	4.9	21.0
4 21	11 57.98	− 6 32.7	2.846	3.753	7.6	21.2
5 1	11 53.59	− 5 47.0	2.919	3.744	10.0	21.3

300193 2006 WH_{92} 3 24.7 201.°25 0.°2/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.07	− 3 6.6	2.686	3.520	9.9	21.6
3 2	12 30.37	− 2 31.5	2.602	3.518	7.2	21.4
3 12	12 24.31	− 1 47.9	2.544	3.514	4.1	21.2
3 22	12 17.42	− 0 59.1	2.516	3.511	0.8	21.0
4 1	12 10.32	− 0 9.5	2.517	3.507	2.6	21.1
4 11	12 3.67	+ 0 36.5	2.548	3.504	5.8	21.3
4 21	11 58.05	+ 1 15.0	2.607	3.499	8.8	21.5
5 1	11 53.89	+ 1 43.4	2.689	3.495	11.3	21.7

337353 2001 OR_{85} 3 24.7 186.°50 4.°6/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.53	−21 26.7	2.904	3.645	11.6	20.9
3 2	12 31.44	−21 27.1	2.809	3.644	9.6	20.8
3 12	12 24.94	−21 10.4	2.737	3.643	7.4	20.6
3 22	12 17.56	−20 36.7	2.691	3.642	5.4	20.5
4 1	12 9.93	−19 48.2	2.673	3.640	4.6	20.4
4 11	12 2.74	−18 48.8	2.685	3.638	5.7	20.5
4 21	11 56.59	−17 43.7	2.725	3.635	7.8	20.6
5 1	11 51.93	−16 38.2	2.791	3.631	10.0	20.8

368452 2003 JL_{16} 3 24.7 301.°49 8.°0/15.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.61	+16 19.5	1.687	2.561	12.8	20.2
3 2	12 32.24	+18 3.8	1.625	2.550	10.1	20.0
3 12	12 25.70	+19 44.3	1.588	2.539	8.2	19.9
3 22	12 17.75	+21 10.2	1.576	2.528	8.5	19.9
4 1	12 9.44	+22 12.2	1.590	2.517	10.7	20.0
4 11	12 1.91	+22 44.6	1.627	2.506	13.7	20.1
4 21	11 56.09	+22 46.5	1.685	2.496	16.7	20.3
5 1	11 52.60	+22 20.1	1.759	2.485	19.2	20.5

387719 2003 DN_{20} 3 24.7 317.°81 8.°6/30.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 44.30	−23 31.8	2.092	2.828	15.6	20.4
3 2	12 37.96	−25 2.6	1.991	2.813	13.4	20.2
3 12	12 29.17	−26 15.1	1.912	2.798	11.1	20.0
3 22	12 18.55	−27 5.1	1.858	2.784	9.2	19.9
4 1	12 7.10	−27 30.2	1.830	2.771	8.6	19.8
4 11	11 56.04	−27 31.9	1.829	2.757	9.6	19.8
4 21	11 46.49	−27 15.2	1.853	2.744	11.8	19.9
5 1	11 39.33	−26 47.3	1.899	2.732	14.3	20.1

249429 2009 EG_{23} 3 24.7 269.°79 1.°9/22.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.96	+ 2 36.6	2.410	3.261	10.3	20.5
3 2	12 31.19	+ 3 15.3	2.322	3.247	7.4	20.3
3 12	12 24.88	+ 3 59.7	2.260	3.233	4.2	20.1
3 22	12 17.56	+ 4 45.4	2.226	3.219	1.9	19.9
4 1	12 9.95	+ 5 27.4	2.222	3.205	4.0	20.0
4 11	12 2.80	+ 6 1.1	2.247	3.190	7.3	20.2
4 21	11 56.79	+ 6 23.1	2.298	3.175	10.4	20.4
5 1	11 52.43	+ 6 31.6	2.371	3.161	13.1	20.5

297386 2000 QW_{17} 3 24.7 133.°80 1.°5/26.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.20	− 7 43.6	1.916	2.736	13.9	21.3
3 2	12 36.60	− 7 28.4	1.848	2.752	10.3	21.1
3 12	12 28.01	− 6 58.6	1.805	2.767	6.4	20.9
3 22	12 18.23	− 6 17.6	1.789	2.781	2.3	20.6
4 1	12 8.25	− 5 30.4	1.803	2.795	3.0	20.7
4 11	11 59.14	− 4 43.3	1.845	2.808	7.0	21.0
4 21	11 51.70	− 4 2.0	1.915	2.820	10.8	21.2
5 1	11 46.48	− 3 30.7	2.007	2.831	14.0	21.5

496111 2009 WU_{94} 3 24.7 178.°06 1.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.34	+ 0 10.0	2.379	3.221	10.7	22.4
3 2	12 32.83	+ 0 56.4	2.302	3.223	7.7	22.2
3 12	12 25.77	+ 1 50.2	2.252	3.225	4.3	22.0
3 22	12 17.75	+ 2 46.8	2.231	3.225	1.4	21.8
4 1	12 9.50	+ 3 41.0	2.240	3.226	3.6	21.9
4 11	12 1.84	+ 4 27.5	2.279	3.225	7.0	22.1
4 21	11 55.40	+ 5 2.7	2.344	3.224	10.1	22.3
5 1	11 50.68	+ 5 24.3	2.433	3.222	12.8	22.5

315409 2007 VS_{194} 3 24.7 57.°42 5.°1/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.18	+ 7 43.2	1.456	2.330	14.4	20.7
3 2	12 34.12	+ 8 54.0	1.404	2.338	10.4	20.4
3 12	12 26.74	+10 7.6	1.375	2.347	6.6	20.2
3 22	12 17.96	+11 14.3	1.372	2.355	5.1	20.2
4 1	12 8.99	+12 5.2	1.395	2.364	7.7	20.3
4 11	12 1.07	+12 34.1	1.443	2.373	11.6	20.6
4 21	11 55.13	+12 39.0	1.513	2.382	15.3	20.8
5 1	11 51.73	+12 20.7	1.602	2.391	18.4	21.1

412090 2013 FB_{19} 3 24.7 328.°81 0.°8/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.00	− 1 14.7	1.216	2.086	17.0	20.9
3 2	12 34.69	− 1 1.7	1.141	2.074	12.5	20.6
3 12	12 27.45	− 0 35.1	1.086	2.062	7.2	20.3
3 22	12 18.18	− 0 0.5	1.056	2.051	1.5	19.9
4 1	12 8.26	+ 0 34.5	1.049	2.041	4.8	20.1
4 11	11 59.29	+ 1 1.5	1.067	2.032	10.6	20.4
4 21	11 52.56	+ 1 14.2	1.107	2.023	15.8	20.6
5 1	11 48.92	+ 1 8.9	1.164	2.016	20.2	20.9

21633 Hsingpenyuan 3 24.7 304.°50 3.°9/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.48	−11 47.0	1.459	2.287	17.0	18.1
3 2	12 34.74	−12 1.2	1.375	2.277	13.3	17.9
3 12	12 27.37	−11 54.2	1.312	2.268	9.0	17.6
3 22	12 18.16	−11 26.9	1.273	2.259	4.9	17.3
4 1	12 8.32	−10 43.1	1.260	2.250	4.6	17.3
4 11	11 59.26	− 9 50.7	1.272	2.241	8.7	17.5
4 21	11 52.16	− 8 58.2	1.308	2.233	13.2	17.7
5 1	11 47.85	− 8 13.7	1.365	2.225	17.3	17.9

153498 2001 RL_{119} 3 24.7 63.°29 5.°3/18.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.64	+ 4 36.1	1.521	2.396	13.9	19.3
3 2	12 31.37	+ 7 24.3	1.483	2.419	9.8	19.1
3 12	12 25.06	+10 18.4	1.471	2.443	6.3	19.0
3 22	12 17.59	+13 3.9	1.488	2.467	5.6	19.0
4 1	12 10.05	+15 27.1	1.534	2.491	8.5	19.2
4 11	12 3.50	+17 18.9	1.606	2.515	12.1	19.5
4 21	11 58.73	+18 36.1	1.700	2.538	15.3	19.7
5 1	11 56.22	+19 19.8	1.813	2.562	18.0	20.0

466973 2016 BR_8 3 24.7 30.°72 4.°3/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.58	−13 46.6	1.516	2.335	16.9	20.9
3 2	12 33.86	−13 53.5	1.443	2.338	13.3	20.7
3 12	12 26.72	−13 37.3	1.390	2.341	9.2	20.5
3 22	12 17.99	−12 59.5	1.362	2.344	5.4	20.3
4 1	12 8.86	−12 4.6	1.360	2.348	4.7	20.2
4 11	12 0.62	−11 0.9	1.383	2.352	8.1	20.4
4 21	11 54.28	− 9 57.4	1.431	2.356	12.3	20.7
5 1	11 50.54	− 9 1.9	1.500	2.361	16.0	20.9

258537 2002 BE_{28} 3 24.7 101.°31 3.°4/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.95	+ 4 19.5	1.931	2.792	12.0	20.5
3 2	12 32.01	+ 5 45.0	1.878	2.808	8.5	20.3
3 12	12 25.34	+ 7 15.7	1.851	2.824	5.1	20.1
3 22	12 17.65	+ 8 43.9	1.852	2.839	3.4	20.0
4 1	12 9.85	+10 1.7	1.882	2.854	5.8	20.2
4 11	12 2.84	+11 2.7	1.939	2.868	9.1	20.4
4 21	11 57.31	+11 43.8	2.021	2.883	12.3	20.7
5 1	11 53.73	+12 4.1	2.124	2.897	15.0	20.9

242734 2005 UO_{331} 3 24.7 88.°29 1.°9/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.81	+ 0 31.3	1.326	2.190	16.3	21.1
3 2	12 36.94	+ 1 8.0	1.271	2.201	11.7	20.8
3 12	12 28.44	+ 1 55.4	1.238	2.213	6.6	20.6
3 22	12 18.35	+ 2 46.2	1.229	2.224	2.1	20.3
4 1	12 8.04	+ 3 31.9	1.248	2.235	5.2	20.6
4 11	11 58.93	+ 4 5.0	1.291	2.247	10.2	20.9
4 21	11 52.08	+ 4 20.9	1.358	2.258	14.7	21.2
5 1	11 48.08	+ 4 18.0	1.444	2.268	18.4	21.4

397067 2005 UK_{160} 3 24.7 151.°93 4.°3/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.14	+ 6 38.0	1.669	2.530	13.6	21.4
3 2	12 36.78	+ 7 44.4	1.610	2.539	9.8	21.2
3 12	12 28.21	+ 8 54.5	1.576	2.547	6.1	21.0
3 22	12 18.29	+ 9 59.9	1.569	2.554	4.3	20.9
4 1	12 8.17	+10 52.5	1.590	2.561	6.8	21.1
4 11	11 59.03	+11 26.3	1.638	2.567	10.5	21.3
4 21	11 51.77	+11 38.9	1.710	2.572	14.1	21.5
5 1	11 46.96	+11 30.4	1.801	2.576	17.2	21.7

242665 2005 SK_{56} 3 24.7 230.°00 1.°0/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.02	− 0 3.6	2.838	3.679	9.2	20.9
3 2	12 30.31	+ 0 34.8	2.748	3.669	6.6	20.7
3 12	12 24.29	+ 1 19.8	2.686	3.658	3.7	20.5
3 22	12 17.45	+ 2 7.7	2.653	3.647	1.1	20.3
4 1	12 10.37	+ 2 54.3	2.650	3.636	3.0	20.4
4 11	12 3.70	+ 3 35.5	2.677	3.625	6.0	20.6
4 21	11 57.98	+ 4 8.0	2.731	3.613	8.8	20.8
5 1	11 53.65	+ 4 29.6	2.809	3.601	11.2	20.9

16296 6308 *P–L* 3 24.7 294.°31 0.°9/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.35	− 6 35.8	1.700	2.540	14.4	18.9
3 2	12 32.72	− 6 5.9	1.622	2.537	10.7	18.6
3 12	12 25.97	− 5 19.7	1.566	2.535	6.4	18.4
3 22	12 17.84	− 4 21.2	1.537	2.532	1.9	18.1
4 1	12 9.33	− 3 17.1	1.536	2.529	3.3	18.2
4 11	12 1.57	− 2 15.3	1.562	2.526	7.8	18.4
4 21	11 55.45	− 1 22.4	1.612	2.523	12.1	18.7
5 1	11 51.61	− 0 43.7	1.684	2.521	15.7	18.9

43304 2000 GZ_{133} 3 24.7 182.°99 1.°4/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.84	− 1 25.4	2.140	2.985	11.6	19.0
3 2	12 31.92	− 0 11.0	2.063	2.986	8.4	18.8
3 12	12 25.33	+ 1 14.5	2.012	2.986	4.7	18.6
3 22	12 17.68	+ 2 44.8	1.991	2.985	1.5	18.4
4 1	12 9.78	+ 4 12.7	1.999	2.984	4.0	18.5
4 11	12 2.49	+ 5 31.0	2.037	2.983	7.7	18.8
4 21	11 56.53	+ 6 34.5	2.101	2.981	11.1	19.0
5 1	11 52.39	+ 7 20.1	2.187	2.978	14.0	19.2

127376 2002 KH_1 3 24.7 202.°82 0.°3/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.30	−10 31.8	1.254	2.097	18.3	19.7
3 2	12 34.04	− 8 12.8	1.176	2.095	13.6	19.4
3 12	12 27.00	− 5 16.2	1.121	2.092	7.9	19.1
3 22	12 18.08	− 1 53.4	1.092	2.088	1.6	18.7
4 1	12 8.67	+ 1 36.7	1.093	2.083	5.0	18.9
4 11	12 0.26	+ 4 52.6	1.121	2.078	11.1	19.2
4 21	11 54.06	+ 7 37.8	1.174	2.073	16.6	19.5
5 1	11 50.82	+ 9 43.5	1.246	2.066	21.0	19.8

436017 2009 HZ_{30} 3 24.7 55.°74 2.°7/22.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.82	+ 5 45.3	2.186	3.041	11.0	20.7
3 2	12 33.25	+ 6 10.3	2.119	3.046	7.9	20.5
3 12	12 26.04	+ 6 37.6	2.078	3.050	4.7	20.3
3 22	12 17.82	+ 7 2.6	2.066	3.055	2.7	20.2
4 1	12 9.44	+ 7 20.7	2.082	3.060	4.7	20.3
4 11	12 1.74	+ 7 28.2	2.126	3.065	7.9	20.5
4 21	11 55.40	+ 7 23.3	2.196	3.070	11.0	20.7
5 1	11 50.91	+ 7 5.2	2.288	3.075	13.6	20.9

388804 2008 BQ_{14} 3 24.7 6.°68 1.°9/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.12	− 8 40.0	2.027	2.853	13.0	21.1
3 2	12 31.53	− 8 36.4	1.948	2.853	9.8	20.9
3 12	12 25.16	− 8 18.6	1.893	2.854	6.2	20.6
3 22	12 17.66	− 7 49.2	1.865	2.856	2.7	20.4
4 1	12 9.87	− 7 12.2	1.865	2.857	2.9	20.4
4 11	12 2.71	− 6 33.0	1.893	2.859	6.5	20.7
4 21	11 56.93	− 5 56.9	1.946	2.861	10.1	20.9
5 1	11 53.07	− 5 28.5	2.023	2.864	13.2	21.1

310386 1996 XC_4 3 24.7 87.°96 0.°5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.82	− 3 3.5	1.568	2.416	15.0	22.3
3 2	12 35.80	− 2 25.5	1.517	2.439	10.9	22.1
3 12	12 27.61	− 1 34.8	1.489	2.461	6.2	21.9
3 22	12 18.17	− 0 37.4	1.487	2.483	1.3	21.6
4 1	12 8.65	+ 0 19.1	1.514	2.504	3.8	21.9
4 11	12 0.21	+ 1 7.6	1.567	2.525	8.4	22.2
4 21	11 53.71	+ 1 42.7	1.645	2.546	12.5	22.5
5 1	11 49.67	+ 2 1.8	1.744	2.566	15.8	22.7

126709 2002 CB_{242} 3 24.7 81.°20 2.°0/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.21	− 8 55.2	1.833	2.658	14.2	20.3
3 2	12 33.81	− 8 44.5	1.768	2.673	10.7	20.1
3 12	12 26.46	− 8 17.9	1.726	2.687	6.7	19.9
3 22	12 17.94	− 7 38.6	1.711	2.701	2.8	19.7
4 1	12 9.22	− 6 51.7	1.723	2.716	3.1	19.8
4 11	12 1.33	− 6 3.5	1.764	2.730	7.0	20.0
4 21	11 55.06	− 5 20.2	1.830	2.744	10.7	20.3
5 1	11 50.95	− 4 46.4	1.919	2.758	13.9	20.5

309911 2009 FG_2 3 24.7 81.°74 1.°7/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.38	− 1 17.7	1.484	2.341	15.2	20.9
3 2	12 34.82	− 0 9.1	1.438	2.366	10.8	20.7
3 12	12 27.06	+ 1 11.4	1.415	2.390	6.0	20.5
3 22	12 18.06	+ 2 35.4	1.419	2.414	1.8	20.3
4 1	12 9.02	+ 3 53.6	1.451	2.437	4.8	20.6
4 11	12 1.12	+ 4 57.5	1.509	2.461	9.3	20.9
4 21	11 55.18	+ 5 42.4	1.591	2.484	13.3	21.2
5 1	11 51.70	+ 6 6.2	1.693	2.506	16.6	21.4

468378 2016 FZ_{54} 3 24.7 320.°66 7.°2/19.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.88	+14 24.9	1.494	2.366	14.3	20.7
3 2	12 36.35	+15 11.3	1.424	2.351	10.9	20.5
3 12	12 28.22	+15 53.0	1.376	2.338	8.0	20.3
3 22	12 18.37	+16 20.9	1.354	2.324	7.3	20.2
4 1	12 8.08	+16 27.2	1.357	2.312	9.6	20.3
4 11	11 58.73	+16 7.7	1.384	2.299	13.1	20.5
4 21	11 51.42	+15 22.4	1.433	2.288	16.8	20.7
5 1	11 46.87	+14 14.2	1.499	2.277	20.0	20.9

81965 2000 QF_{38} 3 24.7 231.°21 3.°0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.86	−12 35.5	2.444	3.241	11.9	19.7
3 2	12 32.62	−12 44.1	2.352	3.236	9.3	19.5
3 12	12 25.75	−12 38.7	2.285	3.231	6.4	19.3
3 22	12 17.81	−12 20.3	2.245	3.226	3.7	19.1
4 1	12 9.56	−11 51.5	2.234	3.220	3.4	19.1
4 11	12 1.79	−11 16.5	2.252	3.215	5.9	19.3
4 21	11 55.20	−10 40.0	2.297	3.209	8.9	19.4
5 1	11 50.32	−10 6.8	2.366	3.203	11.7	19.6

229750 2007 JC_{23} 3 24.7 247.°45 2.°7/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.02	−11 47.9	1.979	2.792	13.7	20.4
3 2	12 32.30	−11 33.8	1.893	2.788	10.6	20.2
3 12	12 25.68	−11 1.9	1.829	2.783	7.0	20.0
3 22	12 17.81	−10 14.3	1.792	2.778	3.6	19.7
4 1	12 9.58	− 9 15.4	1.783	2.774	3.4	19.7
4 11	12 1.97	− 8 12.0	1.802	2.769	6.8	19.9
4 21	11 55.78	− 7 10.8	1.847	2.763	10.5	20.1
5 1	11 51.62	− 6 17.8	1.915	2.758	13.8	20.3

241020 2006 QC_{30} 3 24.7 156.°99 2.°6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.98	+ 3 18.2	2.647	3.500	9.4	20.4
3 2	12 29.59	+ 4 56.2	2.578	3.505	6.7	20.2
3 12	12 23.89	+ 6 40.1	2.537	3.510	3.9	20.0
3 22	12 17.40	+ 8 23.6	2.527	3.514	2.7	19.9
4 1	12 10.74	+10 0.1	2.548	3.518	4.6	20.1
4 11	12 4.57	+11 24.0	2.599	3.522	7.4	20.2
4 21	11 59.42	+12 31.4	2.677	3.525	10.1	20.4
5 1	11 55.73	+13 20.6	2.776	3.528	12.3	20.6

301481 2009 DZ_{133} 3 24.7 253.°06 0.°3/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.47	− 5 1.5	2.366	3.199	11.1	21.5
3 2	12 30.87	− 4 32.9	2.279	3.192	8.2	21.3
3 12	12 24.73	− 3 53.4	2.217	3.185	4.8	21.1
3 22	12 17.60	− 3 6.3	2.184	3.179	1.2	20.8
4 1	12 10.19	− 2 16.1	2.180	3.172	2.6	20.9
4 11	12 3.28	− 1 28.2	2.205	3.165	6.2	21.1
4 21	11 57.53	− 0 46.9	2.256	3.158	9.5	21.3
5 1	11 53.43	− 0 16.0	2.331	3.151	12.4	21.5

283570 2001 WN_{18} 3 24.7 188.°94 2.°3/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.16	−12 28.4	2.651	3.449	11.1	20.8
3 2	12 30.51	−12 4.7	2.562	3.448	8.6	20.6
3 12	12 24.46	−11 26.6	2.497	3.447	5.7	20.4
3 22	12 17.54	−10 36.3	2.461	3.446	3.0	20.2
4 1	12 10.38	− 9 37.3	2.454	3.444	2.7	20.2
4 11	12 3.70	− 8 34.8	2.477	3.442	5.3	20.4
4 21	11 58.07	− 7 33.9	2.528	3.440	8.2	20.6
5 1	11 53.95	− 6 39.1	2.604	3.437	10.9	20.7

504193 2006 TM_{57} 3 24.7 198.°53 1.°5/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.55	− 9 50.7	2.684	3.495	10.6	22.4
3 2	12 30.05	− 9 17.6	2.595	3.492	8.0	22.3
3 12	12 24.19	− 8 31.5	2.532	3.490	5.1	22.1
3 22	12 17.48	− 7 35.1	2.497	3.487	2.2	21.8
4 1	12 10.54	− 6 32.5	2.491	3.483	2.3	21.9
4 11	12 4.07	− 5 28.7	2.516	3.480	5.3	22.0
4 21	11 58.61	− 4 28.7	2.568	3.476	8.3	22.2
5 1	11 54.62	− 3 36.6	2.646	3.472	10.9	22.4

181450 2006 TF_{21} 3 24.7 261.°21 1.°9/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.90	− 9 53.3	1.687	2.517	15.0	20.3
3 2	12 32.47	− 9 19.0	1.605	2.512	11.4	20.0
3 12	12 25.89	− 8 24.4	1.545	2.507	7.2	19.8
3 22	12 17.88	− 7 13.1	1.511	2.502	2.9	19.5
4 1	12 9.47	− 5 52.0	1.504	2.497	3.3	19.5
4 11	12 1.78	− 4 30.0	1.525	2.492	7.7	19.7
4 21	11 55.74	− 3 15.3	1.571	2.487	12.0	20.0
5 1	11 52.00	− 2 14.7	1.639	2.482	15.7	20.2

14502 Morden 3 24.7 39.°12 4.°7/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.70	+ 5 12.7	1.183	2.063	16.5	18.6
3 2	12 34.96	+ 6 19.7	1.131	2.070	11.9	18.4
3 12	12 27.45	+ 7 33.4	1.101	2.077	7.2	18.1
3 22	12 18.22	+ 8 43.1	1.095	2.084	4.7	18.0
4 1	12 8.73	+ 9 38.0	1.114	2.092	7.8	18.2
4 11	12 0.49	+10 10.1	1.156	2.100	12.4	18.5
4 21	11 54.59	+10 16.2	1.219	2.108	16.8	18.7
5 1	11 51.66	+ 9 57.2	1.300	2.117	20.5	19.0

518151 2016 FH_{13} 3 24.7 17.°40 1.°6/14.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 24.31	+20 17.2	12.073	12.917	2.4	21.3
3 2	12 21.89	+20 56.3	12.042	12.942	1.9	21.3
3 12	12 19.22	+21 33.5	12.041	12.968	1.6	21.3
3 22	12 16.39	+22 7.8	12.070	12.994	1.7	21.3
4 1	12 13.54	+22 38.5	12.130	13.020	2.1	21.3
4 11	12 10.78	+23 4.8	12.217	13.046	2.6	21.4
4 21	12 8.21	+23 26.4	12.331	13.072	3.1	21.4
5 1	12 5.95	+23 43.2	12.466	13.098	3.5	21.5

388401 2006 VZ_{62} 3 24.7 193.°53 1.°1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 35.42	− 8 0.7	2.757	3.572	10.2	21.9
3 2	12 30.64	− 7 34.2	2.669	3.570	7.7	21.7
3 12	12 24.52	− 6 56.6	2.607	3.568	4.7	21.5
3 22	12 17.56	− 6 10.5	2.573	3.566	1.8	21.3
4 1	12 10.39	− 5 19.5	2.570	3.563	2.2	21.4
4 11	12 3.66	− 4 28.2	2.597	3.559	5.3	21.6
4 21	11 57.94	− 3 41.0	2.651	3.556	8.2	21.7
5 1	11 53.66	− 3 1.3	2.731	3.552	10.8	21.9

245131 2004 RD_{78} 3 24.7 164.°42 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.52	− 2 51.2	1.693	2.535	14.4	20.8
3 2	12 37.17	− 2 34.4	1.621	2.539	10.6	20.5
3 12	12 28.54	− 2 6.1	1.572	2.543	6.1	20.3
3 22	12 18.46	− 1 30.3	1.550	2.546	1.3	20.0
4 1	12 8.04	− 0 53.0	1.557	2.548	3.6	20.1
4 11	11 58.50	− 0 20.5	1.591	2.550	8.3	20.4
4 21	11 50.80	+ 0 2.2	1.651	2.552	12.5	20.7
5 1	11 45.57	+ 0 11.9	1.732	2.553	16.0	20.9

402834 2007 GQ_{11} 3 24.7 298.°82 5.°1/20.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.61	+ 5 40.8	1.249	2.130	15.9	21.0
3 2	12 34.45	+ 6 55.0	1.172	2.111	11.6	20.7
3 12	12 27.40	+ 8 18.9	1.117	2.092	7.2	20.4
3 22	12 18.29	+ 9 42.1	1.086	2.074	5.2	20.2
4 1	12 8.47	+10 52.0	1.080	2.055	8.4	20.3
4 11	11 59.52	+11 38.5	1.098	2.037	13.4	20.5
4 21	11 52.74	+11 56.3	1.135	2.020	18.1	20.7
5 1	11 49.02	+11 44.5	1.189	2.002	22.2	21.0

433394 2013 TU_{9} 3 24.7 161.°51 1.°7/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.30	− 8 51.4	2.563	3.369	11.2	22.6
3 2	12 34.21	− 8 44.1	2.482	3.377	8.4	22.4
3 12	12 26.60	− 8 25.2	2.426	3.383	5.4	22.2
3 22	12 18.04	− 7 56.7	2.399	3.389	2.3	22.0
4 1	12 9.26	− 7 21.9	2.403	3.394	2.5	22.0
4 11	12 1.05	− 6 45.2	2.437	3.399	5.6	22.2
4 21	11 54.02	− 6 10.7	2.499	3.403	8.6	22.4
5 1	11 48.68	− 5 42.2	2.586	3.406	11.3	22.6

502148 2015 BK_{34} 3 24.7 232.°41 3.°1/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.12	−11 59.7	1.997	2.805	13.8	21.3
3 2	12 33.86	−12 2.9	1.908	2.800	10.7	21.1
3 12	12 26.62	−11 49.2	1.844	2.795	7.3	20.9
3 22	12 18.07	−11 20.1	1.805	2.789	4.0	20.7
4 1	12 9.12	−10 39.0	1.795	2.784	3.6	20.6
4 11	12 0.77	− 9 51.7	1.812	2.778	6.8	20.8
4 21	11 53.88	− 9 4.4	1.856	2.772	10.5	21.0
5 1	11 49.09	− 8 22.9	1.923	2.766	13.8	21.2

24071 1999 TS_{174} 3 24.7 162.°57 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.87	− 2 47.5	1.701	2.545	14.2	19.7
3 2	12 35.99	− 2 31.4	1.628	2.547	10.4	19.5
3 12	12 27.88	− 2 3.9	1.578	2.549	6.0	19.2
3 22	12 18.34	− 1 29.1	1.556	2.551	1.3	18.9
4 1	12 8.47	− 0 52.8	1.561	2.553	3.6	19.0
4 11	11 59.44	− 0 21.2	1.594	2.554	8.2	19.3
4 21	11 52.18	+ 0 0.8	1.652	2.555	12.3	19.6
5 1	11 47.33	+ 0 9.9	1.732	2.556	15.8	19.8

41187 1999 VB_{201} 3 24.7 234.°08 7.°2/16.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.05	+15 38.7	1.937	2.799	11.9	19.5
3 2	12 34.60	+17 19.2	1.866	2.786	9.3	19.3
3 12	12 27.07	+18 57.3	1.822	2.772	7.4	19.2
3 22	12 18.17	+20 23.3	1.805	2.758	7.5	19.1
4 1	12 8.88	+21 28.6	1.816	2.742	9.6	19.2
4 11	12 0.27	+22 7.7	1.851	2.726	12.5	19.4
4 21	11 53.22	+22 19.3	1.909	2.710	15.3	19.5
5 1	11 48.37	+22 4.7	1.984	2.693	17.8	19.7

345652 2006 TJ_{22} 3 24.7 145.°23 3.°1/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.25	+ 7 28.9	2.513	3.368	9.8	21.0
3 2	12 31.99	+ 8 9.3	2.446	3.372	7.1	20.8
3 12	12 25.30	+ 8 51.0	2.407	3.376	4.4	20.6
3 22	12 17.76	+ 9 29.2	2.395	3.380	3.1	20.6
4 1	12 10.06	+ 9 59.5	2.414	3.384	4.8	20.7
4 11	12 2.94	+10 18.4	2.461	3.387	7.6	20.8
4 21	11 56.98	+10 23.8	2.533	3.391	10.3	21.0
5 1	11 52.62	+10 15.4	2.628	3.394	12.6	21.2

508496 2016 QJ 3 24.7 268.°55 3.°9/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.96	−16 15.2	2.428	3.210	12.4	20.9
3 2	12 31.28	−16 19.9	2.338	3.208	10.0	20.7
3 12	12 25.01	−16 7.9	2.272	3.206	7.2	20.5
3 22	12 17.72	−15 40.0	2.232	3.204	4.7	20.4
4 1	12 10.13	−14 58.8	2.221	3.202	4.1	20.3
4 11	12 3.04	−14 9.0	2.238	3.200	6.0	20.4
4 21	11 57.13	−13 16.1	2.282	3.198	8.8	20.6
5 1	11 52.91	−12 25.5	2.350	3.196	11.5	20.8

16048 1999 JU_{23} 3 24.7 318.°39 0.°3/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.73	− 2 58.3	2.015	2.861	12.2	18.2
3 2	12 31.32	− 2 30.1	1.931	2.852	8.9	18.0
3 12	12 25.12	− 1 51.1	1.873	2.844	5.2	17.8
3 22	12 17.75	− 1 5.3	1.841	2.836	1.1	17.4
4 1	12 10.05	− 0 18.1	1.838	2.829	3.2	17.6
4 11	12 2.94	+ 0 24.8	1.862	2.821	7.2	17.8
4 21	11 57.17	+ 0 58.3	1.912	2.814	10.9	18.0
5 1	11 53.32	+ 1 19.2	1.984	2.807	14.1	18.2

63676 2001 QM_{139} 3 24.7 190.°41 4.°3/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.36	−15 53.7	1.888	2.678	15.2	19.6
3 2	12 35.61	−15 47.5	1.800	2.677	12.1	19.3
3 12	12 27.69	−15 19.4	1.735	2.675	8.6	19.1
3 22	12 18.32	−14 30.4	1.696	2.673	5.3	18.9
4 1	12 8.53	−13 24.6	1.685	2.670	4.5	18.9
4 11	11 59.44	−12 9.2	1.702	2.666	7.3	19.0
4 21	11 51.99	−10 52.4	1.745	2.661	11.0	19.2
5 1	11 46.84	− 9 42.0	1.812	2.656	14.4	19.4

159372 1995 YP_7 3 24.7 204.°57 3.°7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.58	+ 6 24.4	1.981	2.843	11.7	20.2
3 2	12 32.61	+ 7 24.7	1.912	2.842	8.5	20.0
3 12	12 25.82	+ 8 28.8	1.869	2.840	5.2	19.8
3 22	12 17.90	+ 9 29.8	1.853	2.839	3.7	19.7
4 1	12 9.72	+10 21.1	1.866	2.837	5.9	19.8
4 11	12 2.24	+10 57.2	1.906	2.836	9.3	20.0
4 21	11 56.20	+11 15.2	1.971	2.834	12.5	20.2
5 1	11 52.14	+11 14.5	2.056	2.832	15.3	20.4

168111 2006 EZ_{62} 3 24.7 338.°78 2.°0/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.99	− 8 12.1	1.247	2.101	17.7	20.1
3 2	12 33.17	− 7 57.7	1.173	2.094	13.4	19.8
3 12	12 26.59	− 7 20.9	1.120	2.088	8.4	19.5
3 22	12 18.12	− 6 25.6	1.089	2.082	3.1	19.2
4 1	12 9.09	− 5 19.2	1.083	2.077	4.0	19.2
4 11	12 0.99	− 4 12.2	1.102	2.073	9.4	19.5
4 21	11 55.04	− 3 14.3	1.143	2.069	14.5	19.8
5 1	11 52.03	− 2 32.8	1.202	2.066	18.9	20.0

32334 2000 QM_{77} 3 24.7 325.°38 0.°1/24.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.03	− 4 1.6	1.975	2.820	12.5	18.6
3 2	12 30.85	− 3 31.8	1.891	2.811	9.2	18.3
3 12	12 24.87	− 2 49.8	1.831	2.802	5.3	18.1
3 22	12 17.71	− 1 59.8	1.799	2.794	1.2	17.8
4 1	12 10.21	− 1 7.2	1.794	2.786	3.1	17.9
4 11	12 3.29	− 0 18.4	1.817	2.778	7.2	18.1
4 21	11 57.73	+ 0 21.5	1.865	2.771	11.0	18.4
5 1	11 54.10	+ 0 48.5	1.936	2.764	14.3	18.5

341544 2007 UC_1 3 24.7 101.°48 0.°4/24.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.52	− 3 4.7	2.361	3.198	11.0	21.6
3 2	12 31.49	− 2 24.1	2.298	3.215	7.9	21.4
3 12	12 25.02	− 1 34.5	2.261	3.231	4.5	21.2
3 22	12 17.71	− 0 40.0	2.252	3.248	0.9	21.0
4 1	12 10.29	+ 0 14.4	2.274	3.264	2.8	21.1
4 11	12 3.49	+ 1 3.4	2.324	3.279	6.3	21.4
4 21	11 57.91	+ 1 43.3	2.401	3.295	9.4	21.6
5 1	11 53.99	+ 2 11.3	2.502	3.310	12.0	21.8

428028 2006 BX_{279} 3 24.7 231.°73 4.°9/18.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.19	+10 11.8	2.093	2.957	11.1	21.0
3 2	12 32.32	+11 33.6	2.022	2.949	8.2	20.8
3 12	12 25.67	+12 56.8	1.976	2.941	5.7	20.7
3 22	12 17.89	+14 14.0	1.959	2.932	5.1	20.6
4 1	12 9.81	+15 17.6	1.970	2.923	7.2	20.7
4 11	12 2.34	+16 2.3	2.008	2.914	10.1	20.9
4 21	11 56.24	+16 25.6	2.069	2.904	13.1	21.1
5 1	11 52.04	+16 27.2	2.150	2.894	15.7	21.2

464503 2016 BB_{77} 3 24.7 94.°65 1.°5/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.19	− 0 27.3	1.561	2.416	14.7	22.1
3 2	12 35.49	+ 0 14.5	1.504	2.431	10.6	21.9
3 12	12 27.55	+ 1 6.7	1.471	2.445	5.9	21.6
3 22	12 18.29	+ 2 2.8	1.464	2.459	1.7	21.4
4 1	12 8.85	+ 2 55.3	1.485	2.472	4.5	21.6
4 11	12 0.44	+ 3 37.1	1.532	2.486	9.0	21.9
4 21	11 53.93	+ 4 3.7	1.603	2.499	13.1	22.2
5 1	11 49.88	+ 4 12.9	1.695	2.512	16.4	22.4

403102 2008 CU_{148} 3 24.7 103.°13 0.°5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.86	− 6 4.0	1.751	2.587	14.2	21.7
3 2	12 34.33	− 5 22.1	1.691	2.605	10.4	21.5
3 12	12 26.81	− 4 25.3	1.655	2.623	6.1	21.3
3 22	12 18.12	− 3 18.8	1.645	2.640	1.6	21.0
4 1	12 9.29	− 2 9.6	1.665	2.657	3.2	21.1
4 11	12 1.35	− 1 5.3	1.712	2.673	7.6	21.4
4 21	11 55.12	− 0 12.0	1.785	2.689	11.5	21.7
5 1	11 51.11	+ 0 26.3	1.880	2.705	14.7	22.0

57594 2001 TQ_{78} 3 24.7 209.°53 1.°9/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.83	+ 1 20.0	1.900	2.754	12.5	19.2
3 2	12 33.61	+ 2 4.3	1.825	2.751	9.0	19.0
3 12	12 26.46	+ 2 56.6	1.774	2.748	5.1	18.8
3 22	12 18.07	+ 3 51.5	1.752	2.745	2.0	18.5
4 1	12 9.37	+ 4 42.3	1.757	2.742	4.5	18.7
4 11	12 1.37	+ 5 22.9	1.791	2.739	8.4	18.9
4 21	11 54.88	+ 5 49.3	1.849	2.735	12.1	19.1
5 1	11 50.49	+ 5 59.2	1.929	2.731	15.3	19.4

114790 2003 MS_{11} 3 24.7 214.°05 4.°4/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.55	−17 47.1	2.652	3.412	12.1	20.2
3 2	12 34.58	−18 5.7	2.550	3.404	9.8	20.0
3 12	12 26.94	−18 8.6	2.472	3.395	7.3	19.9
3 22	12 18.18	−17 55.6	2.422	3.385	5.1	19.7
4 1	12 9.03	−17 28.3	2.400	3.375	4.5	19.6
4 11	12 0.30	−16 50.3	2.409	3.364	6.1	19.7
4 21	11 52.71	−16 6.4	2.445	3.352	8.7	19.9
5 1	11 46.82	−15 22.0	2.506	3.340	11.2	20.0

341540 2007 TA_{451} 3 24.7 323.°58 1.°9/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.28	−10 53.9	2.101	2.920	12.9	20.5
3 2	12 30.21	−10 15.1	2.017	2.918	9.8	20.3
3 12	12 24.46	− 9 18.7	1.957	2.916	6.3	20.1
3 22	12 17.63	− 8 8.1	1.924	2.914	2.8	19.8
4 1	12 10.53	− 6 49.0	1.920	2.912	2.8	19.8
4 11	12 4.02	− 5 28.5	1.944	2.911	6.4	20.1
4 21	11 58.79	− 4 13.4	1.995	2.909	9.9	20.3
5 1	11 55.38	− 3 9.3	2.069	2.908	13.1	20.5

496096 2009 TS_{14} 3 24.7 152.°60 0.°9/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.04	+ 0 11.4	2.325	3.161	11.2	21.8
3 2	12 35.54	+ 0 29.8	2.253	3.170	8.1	21.6
3 12	12 27.40	+ 0 54.5	2.208	3.179	4.6	21.4
3 22	12 18.26	+ 1 21.7	2.191	3.186	1.2	21.2
4 1	12 8.94	+ 1 47.3	2.205	3.193	3.2	21.4
4 11	12 0.29	+ 2 7.3	2.249	3.200	6.8	21.6
4 21	11 52.99	+ 2 18.6	2.320	3.206	10.0	21.8
5 1	11 47.53	+ 2 19.3	2.415	3.211	12.7	22.0

370036 2000 SH_7 3 24.7 142.°85 0.°6/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.04	− 0 39.3	2.329	3.163	11.2	21.5
3 2	12 35.53	− 0 24.1	2.258	3.174	8.1	21.3
3 12	12 27.38	− 0 2.1	2.215	3.185	4.6	21.1
3 22	12 18.26	+ 0 23.1	2.200	3.195	1.0	20.9
4 1	12 8.97	+ 0 47.5	2.215	3.205	3.1	21.1
4 11	12 0.35	+ 1 7.1	2.261	3.214	6.6	21.3
4 21	11 53.09	+ 1 18.8	2.334	3.222	9.8	21.5
5 1	11 47.68	+ 1 20.7	2.430	3.230	12.6	21.7

165259 2000 SM_{218} 3 24.7 222.°82 3.°8/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.21	+ 4 29.1	1.748	2.610	13.0	20.4
3 2	12 34.10	+ 5 49.6	1.672	2.602	9.4	20.1
3 12	12 26.84	+ 7 18.0	1.621	2.594	5.7	19.9
3 22	12 18.18	+ 8 46.0	1.598	2.586	3.8	19.7
4 1	12 9.12	+10 4.5	1.603	2.576	6.4	19.9
4 11	12 0.78	+11 5.7	1.635	2.567	10.4	20.1
4 21	11 54.09	+11 45.0	1.691	2.556	14.1	20.3
5 1	11 49.68	+12 1.1	1.766	2.546	17.3	20.5

437145 2012 VZ_{15} 3 24.7 278.°23 4.°4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.75	−17 32.4	2.258	3.038	13.3	20.9
3 2	12 31.26	−17 31.8	2.168	3.035	10.7	20.7
3 12	12 25.07	−17 12.0	2.100	3.032	7.9	20.5
3 22	12 17.78	−16 33.8	2.059	3.028	5.3	20.3
4 1	12 10.16	−15 40.3	2.044	3.025	4.5	20.2
4 11	12 3.07	−14 36.9	2.058	3.021	6.4	20.4
4 21	11 57.25	−13 29.9	2.099	3.018	9.3	20.5
5 1	11 53.24	−12 25.9	2.164	3.015	12.1	20.7

125520 2001 WJ_{46} 3 24.7 308.°59 1.°4/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.25	− 0 36.9	1.324	2.189	16.2	19.0
3 2	12 35.44	− 0 9.0	1.250	2.181	11.8	18.7
3 12	12 27.87	+ 0 31.9	1.198	2.173	6.8	18.4
3 22	12 18.43	+ 1 19.4	1.170	2.165	1.7	18.0
4 1	12 8.44	+ 2 5.4	1.167	2.157	4.9	18.2
4 11	11 59.38	+ 2 41.5	1.190	2.150	10.3	18.5
4 21	11 52.44	+ 3 1.7	1.235	2.143	15.2	18.8
5 1	11 48.40	+ 3 2.8	1.299	2.136	19.4	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
302459	2002 ES_{117}		3 24.7	87.°66	3.°2/27.1	18
	h m	° ′			°	m
2 21	12 42.39	−10 19.2	1.482	2.310	16.8	20.7
3 2	12 36.65	−10 29.1	1.414	2.318	12.9	20.4
3 12	12 28.39	−10 19.4	1.369	2.327	8.4	20.2
3 22	12 18.51	− 9 52.0	1.347	2.336	4.2	20.0
4 1	12 8.29	− 9 12.0	1.353	2.344	4.1	20.0
4 11	11 59.06	− 8 26.8	1.385	2.353	8.3	20.2
4 21	11 51.88	− 7 44.0	1.441	2.361	12.6	20.5
5 1	11 47.43	− 7 10.2	1.518	2.370	16.3	20.8
128837	2004 RP_{332}		3 24.7	81.°37	7.°9/16.4	18
2 21	12 40.09	+19 6.7	1.869	2.731	12.3	19.7
3 2	12 34.36	+20 33.1	1.836	2.750	9.8	19.6
3 12	12 26.75	+21 49.8	1.828	2.770	8.1	19.5
3 22	12 18.11	+22 48.4	1.847	2.789	8.2	19.5
4 1	12 9.45	+23 22.9	1.891	2.807	9.9	19.7
4 11	12 1.77	+23 30.8	1.960	2.826	12.3	19.9
4 21	11 55.79	+23 13.3	2.051	2.845	14.7	20.1
5 1	11 51.98	+22 33.6	2.159	2.863	16.7	20.2
162776	2000 XO_{11}		3 24.7	124.°04	3.°4/27.8	18
2 21	12 42.61	−12 38.4	1.803	2.609	15.2	20.5
3 2	12 36.41	−12 37.6	1.734	2.624	11.8	20.3
3 12	12 28.08	−12 17.7	1.688	2.638	7.9	20.1
3 22	12 18.43	−11 40.6	1.668	2.652	4.3	19.9
4 1	12 8.54	−10 50.8	1.676	2.665	3.9	19.9
4 11	11 59.53	− 9 55.3	1.712	2.678	7.2	20.1
4 21	11 52.28	− 9 1.1	1.775	2.690	10.9	20.4
5 1	11 47.37	− 8 14.5	1.860	2.701	14.2	20.6
426500	2013 RE_{35}		3 24.7	139.°28	5.°6/ 1.1	17
2 21	12 37.97	−23 38.7	2.487	3.220	13.5	21.5
3 2	12 32.69	−23 36.3	2.404	3.232	11.2	21.3
3 12	12 25.81	−23 12.5	2.344	3.243	8.8	21.2
3 22	12 17.93	−22 27.6	2.309	3.254	6.6	21.1
4 1	12 9.84	−21 24.3	2.301	3.264	5.6	21.0
4 11	12 2.35	−20 7.9	2.322	3.273	6.6	21.1
4 21	11 56.14	−18 45.0	2.371	3.282	8.7	21.2
5 1	11 51.70	−17 22.6	2.445	3.291	11.1	21.4
388008	2005 QB_{179}		3 24.7	246.°72	2.°1/27.1	16
2 21	12 37.61	− 9 58.9	2.645	3.450	10.9	21.7
3 2	12 32.40	− 9 58.8	2.545	3.437	8.4	21.5
3 12	12 25.66	− 9 46.8	2.470	3.424	5.5	21.3
3 22	12 17.92	− 9 24.6	2.423	3.410	2.7	21.1
4 1	12 9.83	− 8 54.7	2.406	3.397	2.7	21.0
4 11	12 2.15	− 8 21.1	2.419	3.383	5.5	21.2
4 21	11 55.52	− 7 48.0	2.460	3.368	8.5	21.4
5 1	11 50.47	− 7 19.3	2.525	3.354	11.3	21.5
135162	2001 QW_{243}		3 24.7	139.°08	1.°1/25.9	17
2 21	12 38.22	− 6 39.0	2.503	3.322	11.0	20.2
3 2	12 32.75	− 6 30.3	2.425	3.329	8.2	20.0
3 12	12 25.80	− 6 11.4	2.374	3.336	5.0	19.8
3 22	12 17.93	− 5 44.5	2.350	3.343	1.8	19.6
4 1	12 9.87	− 5 13.2	2.357	3.349	2.4	19.7
4 11	12 2.36	− 4 41.8	2.393	3.356	5.7	19.9
4 21	11 56.02	− 4 14.0	2.457	3.361	8.7	20.1
5 1	11 51.32	− 3 53.1	2.545	3.367	11.4	20.3
363546	2003 WA_4		3 24.7	157.°98	3.°9/21.1	18
2 21	12 41.29	+ 6 36.5	1.844	2.703	12.6	20.9
3 2	12 35.38	+ 7 35.0	1.781	2.708	9.1	20.7
3 12	12 27.45	+ 8 36.7	1.743	2.713	5.6	20.5
3 22	12 18.31	+ 9 34.6	1.733	2.718	3.9	20.4
4 1	12 8.94	+10 21.5	1.751	2.722	6.2	20.6
4 11	12 0.41	+10 52.0	1.796	2.726	9.7	20.8
4 21	11 53.53	+11 3.7	1.866	2.729	13.1	21.0
5 1	11 48.87	+10 56.3	1.956	2.731	16.0	21.2
134869	2000 QZ_{23}		3 24.7	123.°55	2.°4/27.5	18
2 21	12 39.66	−11 2.5	2.728	3.523	10.9	20.1
3 2	12 33.69	−11 12.7	2.651	3.536	8.4	19.9
3 12	12 26.30	−11 11.3	2.600	3.548	5.6	19.8
3 22	12 18.04	−10 59.6	2.577	3.561	3.0	19.6
4 1	12 9.61	−10 40.0	2.585	3.573	2.8	19.6
4 11	12 1.71	−10 16.0	2.622	3.584	5.2	19.8
4 21	11 54.94	− 9 51.3	2.688	3.596	8.0	20.0
5 1	11 49.75	− 9 29.7	2.779	3.607	10.4	20.2
413833	2006 SJ_{20}		3 24.7	198.°47	0.°6/24.1	16
2 21	12 38.00	− 3 31.1	1.794	2.640	13.5	22.2
3 2	12 33.14	− 2 37.0	1.717	2.639	9.8	21.9
3 12	12 26.25	− 1 28.9	1.664	2.637	5.6	21.7
3 22	12 18.06	− 0 12.5	1.639	2.635	1.2	21.3
4 1	12 9.55	+ 1 4.6	1.642	2.632	3.7	21.5
4 11	12 1.75	+ 2 14.4	1.673	2.629	8.2	21.8
4 21	11 55.52	+ 3 10.7	1.729	2.626	12.2	22.0
5 1	11 51.47	+ 3 49.5	1.806	2.623	15.6	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
243855	2000 WA_{73}		3 24.7	233.°32	4.°0/30.3	18
	h m	° ′			°	m
2 21	12 35.75	−19 24.1	3.058	3.809	10.8	21.1
3 2	12 30.94	−19 18.1	2.948	3.795	8.8	20.9
3 12	12 24.78	−18 56.3	2.863	3.780	6.7	20.8
3 22	12 17.73	−18 19.3	2.805	3.765	4.7	20.6
4 1	12 10.39	−17 29.0	2.775	3.749	4.0	20.6
4 11	12 3.39	−16 29.3	2.776	3.733	5.3	20.6
4 21	11 57.31	−15 25.0	2.805	3.716	7.5	20.7
5 1	11 52.62	−14 21.1	2.860	3.699	9.8	20.9
18258	4250 T_{-2}		3 24.7	0.°07	1.°3/23.4	18
2 21	12 32.34	− 4 56.9	1.371	2.235	15.8	17.4
3 2	12 29.46	− 3 18.0	1.302	2.234	11.4	17.1
3 12	12 24.29	− 1 16.8	1.257	2.232	6.4	16.8
3 22	12 17.65	+ 0 57.0	1.237	2.232	1.5	16.5
4 1	12 10.65	+ 3 10.1	1.243	2.233	4.9	16.7
4 11	12 4.53	+ 5 9.3	1.276	2.234	10.0	17.0
4 21	12 0.22	+ 6 44.6	1.332	2.235	14.6	17.3
5 1	11 58.36	+ 7 51.3	1.407	2.238	18.5	17.5
419566	2010 RN_{12}		3 24.7	256.°46	2.°2/26.5	17
2 21	12 41.74	− 9 2.4	1.853	2.673	14.3	22.0
3 2	12 36.10	− 8 56.7	1.750	2.652	10.9	21.7
3 12	12 28.15	− 8 34.5	1.670	2.630	7.0	21.4
3 22	12 18.53	− 7 57.7	1.617	2.608	3.1	21.1
4 1	12 8.23	− 7 10.3	1.593	2.585	3.4	21.1
4 11	11 58.45	− 6 18.9	1.596	2.561	7.7	21.3
4 21	11 50.20	− 5 30.2	1.626	2.537	12.0	21.5
5 1	11 44.30	− 4 50.6	1.678	2.512	15.8	21.7
123693	2000 YQ_{101}		3 24.8	42.°83	5.°2/19.6	18
2 21	12 35.78	+ 7 13.9	1.476	2.354	14.0	18.8
3 2	12 31.59	+ 8 52.1	1.436	2.373	10.0	18.6
3 12	12 25.31	+10 32.8	1.421	2.392	6.4	18.4
3 22	12 17.84	+12 5.3	1.431	2.412	5.4	18.4
4 1	12 10.28	+13 20.0	1.468	2.432	7.9	18.6
4 11	12 3.75	+14 10.2	1.529	2.453	11.5	18.9
4 21	11 59.04	+14 34.0	1.612	2.474	14.9	19.1
5 1	11 56.63	+14 32.4	1.714	2.496	17.7	19.4
155781	2000 SX_{311}		3 24.8	148.°70	7.°2/ 3.1	18
2 21	12 36.69	−28 8.6	2.106	2.823	16.0	19.5
3 2	12 32.11	−27 51.7	2.017	2.828	13.7	19.4
3 12	12 25.62	−27 5.7	1.948	2.831	11.1	19.2
3 22	12 17.93	−25 50.1	1.903	2.835	8.7	19.1
4 1	12 9.96	−24 8.1	1.883	2.839	7.3	19.0
4 11	12 2.70	−22 7.1	1.892	2.842	7.9	19.0
4 21	11 56.94	−19 57.0	1.928	2.845	10.1	19.1
5 1	11 53.26	−17 48.0	1.989	2.847	12.7	19.3
237479	2000 GL_{70}		3 24.8	320.°86	3.°4/27.6	17
2 21	12 34.08	−13 1.7	1.217	2.059	18.8	20.1
3 2	12 31.22	−12 31.2	1.134	2.045	14.7	19.8
3 12	12 25.60	−11 29.1	1.071	2.032	9.8	19.4
3 22	12 18.00	− 9 58.2	1.030	2.019	4.8	19.1
4 1	12 9.72	− 8 6.9	1.014	2.007	4.4	19.0
4 11	12 2.28	− 6 8.9	1.022	1.996	9.4	19.3
4 21	11 56.97	− 4 18.4	1.052	1.985	14.8	19.5
5 1	11 54.63	− 2 46.9	1.101	1.975	19.6	19.8
279369	2010 AZ_{73}		3 24.8	280.°54	5.°3/19.0	17
2 21	12 37.18	+10 53.6	1.936	2.804	11.7	20.0
3 2	12 32.45	+12 6.0	1.866	2.795	8.7	19.8
3 12	12 25.82	+13 18.8	1.822	2.787	6.1	19.6
3 22	12 17.98	+14 24.4	1.805	2.778	5.4	19.5
4 1	12 9.84	+15 15.3	1.815	2.770	7.5	19.7
4 11	12 2.37	+15 46.3	1.852	2.762	10.6	19.8
4 21	11 56.37	+15 55.2	1.911	2.753	13.7	20.0
5 1	11 52.41	+15 42.4	1.990	2.745	16.4	20.2
336499	2008 WL_{53}		3 24.8	152.°67	0.°2/24.9	17
2 21	12 36.74	− 5 5.9	2.197	3.031	11.8	21.4
3 2	12 31.87	− 4 28.4	2.121	3.035	8.7	21.2
3 12	12 25.38	− 3 39.0	2.070	3.039	5.1	21.0
3 22	12 17.88	− 2 41.8	2.047	3.042	1.2	20.7
4 1	12 10.15	− 1 42.2	2.054	3.046	2.8	20.9
4 11	12 3.02	− 0 46.0	2.089	3.049	6.5	21.1
4 21	11 57.18	+ 0 1.7	2.150	3.051	10.0	21.3
5 1	11 53.13	+ 0 37.4	2.235	3.054	12.9	21.5
459525	2013 EL_{125}		3 24.8	341.°63	3.°9/21.8	16
2 21	12 38.06	+ 3 49.8	1.236	2.115	16.1	21.0
3 2	12 33.90	+ 4 48.0	1.171	2.109	11.6	20.7
3 12	12 27.00	+ 5 55.5	1.128	2.104	6.9	20.4
3 22	12 18.28	+ 7 3.0	1.109	2.100	3.9	20.2
4 1	12 9.10	+ 7 59.8	1.115	2.096	7.1	20.4
4 11	12 0.96	+ 8 37.0	1.144	2.093	12.0	20.6
4 21	11 55.00	+ 8 50.1	1.194	2.090	16.6	20.9
5 1	11 51.95	+ 8 38.2	1.263	2.088	20.5	21.1

40646 1999 RV_{184} 3 24.8 279.°95 3.°6/21.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.91	+ 3 45.0	1.584	2.450	13.9	19.4
3 2	12 34.26	+ 4 53.2	1.495	2.428	10.1	19.2
3 12	12 27.16	+ 6 11.6	1.430	2.405	6.0	18.9
3 22	12 18.33	+ 7 32.3	1.391	2.381	3.6	18.6
4 1	12 8.86	+ 8 45.5	1.380	2.357	6.6	18.8
4 11	12 0.03	+ 9 42.4	1.394	2.334	11.1	19.0
4 21	11 52.93	+10 17.1	1.431	2.309	15.4	19.1
5 1	11 48.36	+10 27.4	1.487	2.285	19.2	19.3

331910 2004 RL_{58} 3 24.8 220.°40 1.°0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.72	− 0 24.2	2.243	3.083	11.4	21.1
3 2	12 34.09	+ 0 4.1	2.156	3.075	8.2	20.9
3 12	12 26.70	+ 0 40.4	2.095	3.067	4.7	20.6
3 22	12 18.19	+ 1 20.5	2.062	3.058	1.2	20.4
4 1	12 9.34	+ 1 59.6	2.060	3.048	3.4	20.5
4 11	12 1.04	+ 2 32.8	2.086	3.038	7.2	20.7
4 21	11 54.03	+ 2 56.1	2.139	3.027	10.6	20.9
5 1	11 48.88	+ 3 7.1	2.215	3.016	13.6	21.1

161971 2007 JN_{38} 3 24.8 333.°40 0.°5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.27	− 6 35.4	1.213	2.074	17.6	19.8
3 2	12 32.69	− 5 50.3	1.141	2.068	13.1	19.5
3 12	12 26.36	− 4 41.7	1.090	2.062	7.8	19.2
3 22	12 18.15	− 3 16.0	1.062	2.057	2.0	18.8
4 1	12 9.41	− 1 43.4	1.059	2.052	4.2	19.0
4 11	12 1.63	− 0 16.4	1.080	2.048	10.0	19.3
4 21	11 56.02	+ 0 54.6	1.123	2.044	15.3	19.5
5 1	11 53.33	+ 1 42.9	1.185	2.041	19.7	19.8

391 Ingeborg 3 24.8 191.°56 4.°7/30.6 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.70	−21 25.3	2.278	3.028	14.1	15.8
3 2	12 34.13	−20 47.2	2.180	3.026	11.5	15.6
3 12	12 26.75	−19 44.5	2.105	3.024	8.6	15.4
3 22	12 18.20	−18 18.4	2.057	3.020	5.8	15.2
4 1	12 9.34	−16 33.1	2.038	3.016	4.7	15.1
4 11	12 1.09	−14 36.3	2.049	3.010	6.5	15.2
4 21	11 54.22	−12 37.1	2.089	3.004	9.5	15.4
5 1	11 49.30	−10 43.9	2.155	2.996	12.5	15.6

365062 2008 YG_{62} 3 24.8 45.°07 0.°5/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.29	− 5 55.8	1.275	2.132	17.2	21.1
3 2	12 33.87	− 5 18.6	1.217	2.141	12.7	20.8
3 12	12 26.86	− 4 21.9	1.179	2.151	7.5	20.6
3 22	12 18.24	− 3 11.9	1.166	2.161	1.9	20.2
4 1	12 9.33	− 1 58.0	1.178	2.171	3.9	20.4
4 11	12 1.54	− 0 50.4	1.215	2.182	9.3	20.7
4 21	11 55.88	+ 0 2.8	1.275	2.193	14.1	21.0
5 1	11 53.00	+ 0 36.7	1.355	2.204	18.0	21.3

196205 2003 BQ_{15} 3 24.8 89.°05 4.°6/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.28	+ 6 8.4	1.355	2.226	15.5	19.9
3 2	12 36.57	+ 7 12.6	1.304	2.238	11.2	19.7
3 12	12 28.31	+ 8 21.1	1.277	2.250	6.8	19.5
3 22	12 18.54	+ 9 24.4	1.274	2.261	4.6	19.4
4 1	12 8.60	+10 13.2	1.298	2.273	7.4	19.6
4 11	11 59.84	+10 40.9	1.347	2.284	11.6	19.8
4 21	11 53.28	+10 45.1	1.417	2.295	15.6	20.1
5 1	11 49.49	+10 26.7	1.507	2.306	18.9	20.4

113502 2002 TY_6 3 24.8 244.°18 2.°2/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.38	+ 1 26.4	1.904	2.757	12.5	20.6
3 2	12 34.16	+ 2 19.0	1.817	2.743	9.1	20.4
3 12	12 26.90	+ 3 20.9	1.755	2.729	5.2	20.1
3 22	12 18.26	+ 4 26.1	1.721	2.714	2.2	19.9
4 1	12 9.18	+ 5 27.5	1.716	2.699	4.8	20.0
4 11	12 0.71	+ 6 18.2	1.738	2.683	8.8	20.2
4 21	11 53.72	+ 6 53.4	1.785	2.667	12.7	20.4
5 1	11 48.87	+ 7 10.5	1.853	2.650	16.0	20.6

91352 1999 JH_{55} 3 24.8 249.°15 3.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.29	−15 5.3	2.071	2.868	13.8	19.8
3 2	12 31.84	−14 34.3	1.973	2.856	10.9	19.5
3 12	12 25.52	−13 41.9	1.898	2.844	7.5	19.3
3 22	12 17.96	−12 30.1	1.849	2.831	4.3	19.1
4 1	12 9.98	−11 3.6	1.829	2.818	3.6	19.0
4 11	12 2.54	− 9 29.9	1.837	2.804	6.6	19.2
4 21	11 56.45	− 7 57.3	1.872	2.790	10.3	19.3
5 1	11 52.32	− 6 33.2	1.931	2.776	13.6	19.5

128385 2004 KD_4 3 24.8 292.°49 2.°7/27.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.65	−10 35.5	1.711	2.536	15.0	19.7
3 2	12 33.28	−10 24.8	1.608	2.512	11.6	19.4
3 12	12 26.60	− 9 54.2	1.528	2.487	7.7	19.1
3 22	12 18.23	− 9 5.7	1.474	2.463	3.6	18.8
4 1	12 9.18	− 8 3.7	1.446	2.438	3.6	18.8
4 11	12 0.64	− 6 56.0	1.445	2.413	7.9	19.0
4 21	11 53.68	− 5 50.8	1.469	2.389	12.4	19.2
5 1	11 49.10	− 4 55.6	1.514	2.364	16.5	19.4

106835 2000 YE_8 3 24.8 135.°38 0.°8/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.34	− 6 32.4	1.919	2.747	13.5	19.9
3 2	12 35.34	− 5 59.6	1.852	2.761	10.0	19.7
3 12	12 27.42	− 5 12.6	1.808	2.774	6.0	19.5
3 22	12 18.34	− 4 15.7	1.793	2.787	1.7	19.2
4 1	12 9.07	− 3 14.8	1.807	2.799	3.0	19.3
4 11	12 0.62	− 2 16.7	1.849	2.810	7.1	19.6
4 21	11 53.76	− 1 27.2	1.918	2.821	10.9	19.8
5 1	11 49.04	− 0 50.4	2.010	2.831	14.1	20.1

122332 2000 QY_{26} 3 24.8 160.°51 1.°4/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.03	− 8 38.5	2.414	3.226	11.6	20.3
3 2	12 33.41	− 8 16.3	2.334	3.233	8.7	20.1
3 12	12 26.23	− 7 41.2	2.280	3.239	5.4	19.9
3 22	12 18.08	− 6 56.2	2.254	3.245	2.2	19.7
4 1	12 9.72	− 6 5.2	2.258	3.250	2.5	19.7
4 11	12 1.94	− 5 13.6	2.292	3.255	5.8	19.9
4 21	11 55.39	− 4 26.2	2.354	3.259	9.1	20.1
5 1	11 50.56	− 3 47.1	2.440	3.262	11.8	20.3

192954 2000 BF_{22} 3 24.8 102.°85 2.°7/21.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.47	+ 3 26.8	2.068	2.926	11.5	20.1
3 2	12 31.71	+ 4 29.2	2.006	2.934	8.2	19.9
3 12	12 25.29	+ 5 37.2	1.969	2.942	4.7	19.7
3 22	12 17.87	+ 6 44.8	1.960	2.950	2.7	19.6
4 1	12 10.28	+ 7 45.1	1.980	2.958	4.9	19.8
4 11	12 3.38	+ 8 32.8	2.028	2.965	8.3	20.0
4 21	11 57.83	+ 9 4.4	2.101	2.973	11.5	20.2
5 1	11 54.13	+ 9 18.5	2.195	2.980	14.2	20.4

58025 2002 VW_{48} 3 24.8 6.°87 1.°5/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.63	− 2 7.8	1.151	2.024	17.5	18.7
3 2	12 33.69	− 1 15.2	1.089	2.024	12.7	18.4
3 12	12 26.92	− 0 4.8	1.048	2.024	7.2	18.1
3 22	12 18.29	+ 1 14.9	1.030	2.025	1.8	17.7
4 1	12 9.23	+ 2 32.6	1.037	2.027	5.3	17.9
4 11	12 1.29	+ 3 37.0	1.067	2.029	11.0	18.3
4 21	11 55.64	+ 4 20.5	1.119	2.032	16.0	18.6
5 1	11 53.00	+ 4 39.4	1.189	2.035	20.3	18.8

44983 1999 VU_{163} 3 24.8 275.°30 3.°9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.61	−14 11.5	1.631	2.445	16.2	19.1
3 2	12 33.26	−13 58.8	1.541	2.433	12.8	18.8
3 12	12 26.55	−13 22.1	1.471	2.422	8.8	18.6
3 22	12 18.22	−12 22.8	1.426	2.410	5.0	18.3
4 1	12 9.33	−11 5.9	1.408	2.398	4.3	18.2
4 11	12 1.11	− 9 40.3	1.416	2.386	7.9	18.4
4 21	11 54.61	− 8 15.5	1.449	2.373	12.2	18.6
5 1	11 50.58	− 7 0.4	1.505	2.361	16.2	18.8

497162 2004 RB_{298} 3 24.8 198.°39 0.°2/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.30	− 4 11.8	2.264	3.094	11.6	22.2
3 2	12 33.75	− 3 49.2	2.179	3.091	8.6	22.0
3 12	12 26.51	− 3 16.2	2.120	3.088	5.0	21.8
3 22	12 18.17	− 2 36.3	2.089	3.084	1.2	21.5
4 1	12 9.54	− 1 53.8	2.088	3.080	2.8	21.6
4 11	12 1.47	− 1 13.9	2.117	3.076	6.5	21.9
4 21	11 54.69	− 0 41.0	2.172	3.070	10.0	22.1
5 1	11 49.73	− 0 18.4	2.250	3.065	13.0	22.3

175155 2005 EX_{54} 3 24.8 228.°20 0.°3/24.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.54	− 3 49.9	1.931	2.770	13.0	21.2
3 2	12 34.25	− 3 7.2	1.842	2.760	9.5	21.0
3 12	12 26.95	− 2 11.2	1.778	2.748	5.5	20.7
3 22	12 18.29	− 1 6.4	1.741	2.737	1.2	20.4
4 1	12 9.20	+ 0 0.7	1.734	2.724	3.4	20.5
4 11	12 0.72	+ 1 2.9	1.754	2.711	7.8	20.7
4 21	11 53.71	+ 1 54.1	1.801	2.698	11.8	20.9
5 1	11 48.82	+ 2 30.2	1.869	2.684	15.2	21.1

94018 2000 XM_{31} 3 24.8 228.°16 2.°3/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.99	+ 4 18.0	2.280	3.128	11.0	19.9
3 2	12 35.00	+ 4 48.3	2.194	3.117	7.9	19.6
3 12	12 27.25	+ 5 22.7	2.134	3.106	4.6	19.4
3 22	12 18.35	+ 5 56.6	2.103	3.094	2.3	19.2
4 1	12 9.11	+ 6 25.2	2.102	3.082	4.4	19.3
4 11	12 0.43	+ 6 44.1	2.130	3.069	7.8	19.5
4 21	11 53.05	+ 6 50.5	2.184	3.056	11.1	19.7
5 1	11 47.54	+ 6 43.2	2.260	3.043	13.9	19.9

442742 2012 WP_3 3 24.8 177.°87 6.°9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.39	−27 14.3	2.188	2.897	15.7	22.5
3 2	12 36.95	−26 58.6	2.093	2.901	13.4	22.3
3 12	12 28.45	−26 14.7	2.019	2.904	10.7	22.1
3 22	12 18.61	−25 1.9	1.970	2.906	8.2	22.0
4 1	12 8.44	−23 23.0	1.949	2.906	6.9	21.9
4 11	11 59.01	−21 25.3	1.957	2.905	7.8	21.9
4 21	11 51.19	−19 18.7	1.994	2.903	10.2	22.1
5 1	11 45.59	−17 13.2	2.056	2.899	13.0	22.2

374575 2006 CE_{10} 3 24.8 79.°27 0.°4/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 58.30	+ 1 49.6	1.056	1.911	20.1	20.2
3 2	12 48.95	+ 0 52.7	1.001	1.925	14.8	20.0
3 12	12 35.78	+ 0 0.6	0.967	1.939	8.6	19.7
3 22	12 20.24	− 0 48.4	0.958	1.954	1.9	19.3
4 1	12 4.45	− 1 36.2	0.976	1.968	5.0	19.5
4 11	11 50.56	− 2 25.4	1.020	1.983	11.2	19.9
4 21	11 40.06	− 3 17.7	1.087	1.997	16.6	20.3
5 1	11 33.64	− 4 14.7	1.172	2.011	21.0	20.6

218001 2001 XQ_{72} 3 24.8 159.°57 1.°5/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.03	+ 0 25.8	2.278	3.121	11.1	21.3
3 2	12 33.46	+ 1 14.1	2.207	3.129	8.0	21.1
3 12	12 26.28	+ 2 9.9	2.163	3.135	4.5	20.8
3 22	12 18.12	+ 3 8.1	2.147	3.141	1.5	20.6
4 1	12 9.78	+ 4 3.1	2.161	3.146	3.7	20.8
4 11	12 2.06	+ 4 49.7	2.205	3.151	7.2	21.0
4 21	11 55.64	+ 5 24.2	2.275	3.155	10.4	21.2
5 1	11 51.00	+ 5 44.5	2.367	3.158	13.1	21.4

36137 1999 RV_{167} 3 24.8 80.°29 2.°0/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.26	+ 1 48.2	2.360	3.213	10.4	18.5
3 2	12 29.98	+ 2 47.3	2.291	3.218	7.4	18.3
3 12	12 24.26	+ 3 52.9	2.249	3.223	4.2	18.1
3 22	12 17.68	+ 4 59.6	2.236	3.228	2.0	17.9
4 1	12 10.92	+ 6 1.8	2.252	3.233	4.0	18.1
4 11	12 4.72	+ 6 54.1	2.296	3.238	7.2	18.3
4 21	11 59.66	+ 7 33.1	2.366	3.243	10.2	18.5
5 1	11 56.19	+ 7 56.8	2.459	3.248	12.7	18.7

56971 2000 SG_{120} 3 24.8 195.°21 0.°9/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.62	− 0 17.6	2.979	3.816	8.9	19.8
3 2	12 30.74	+ 0 19.0	2.895	3.813	6.4	19.6
3 12	12 24.63	+ 1 1.7	2.839	3.810	3.6	19.4
3 22	12 17.77	+ 1 47.1	2.812	3.807	1.0	19.2
4 1	12 10.72	+ 2 31.3	2.816	3.803	2.8	19.3
4 11	12 4.07	+ 3 10.5	2.850	3.798	5.6	19.5
4 21	11 58.36	+ 3 41.5	2.911	3.793	8.3	19.7
5 1	11 53.97	+ 4 2.4	2.997	3.788	10.6	19.8

278560 2008 GH_{47} 3 24.8 198.°86 3.°7/20.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.67	+ 7 38.7	2.288	3.144	10.6	22.0
3 2	12 33.27	+ 8 45.2	2.215	3.140	7.7	21.8
3 12	12 26.22	+ 9 54.4	2.168	3.136	4.9	21.6
3 22	12 18.13	+11 0.0	2.150	3.132	3.8	21.5
4 1	12 9.79	+11 55.7	2.162	3.126	5.8	21.6
4 11	12 2.03	+12 36.7	2.202	3.121	8.8	21.8
4 21	11 55.55	+13 0.4	2.267	3.114	11.7	22.0
5 1	11 50.86	+13 5.9	2.353	3.107	14.2	22.1

503092 2015 FA_{298} 3 24.8 346.°69 0.°4/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 32.23	− 7 26.7	1.836	2.678	13.4	20.7
3 2	12 28.96	− 6 19.8	1.756	2.673	9.9	20.5
3 12	12 23.88	− 4 54.4	1.699	2.668	5.9	20.2
3 22	12 17.63	− 3 16.2	1.669	2.664	1.5	19.9
4 1	12 11.08	− 1 33.3	1.668	2.660	3.1	20.0
4 11	12 5.15	+ 0 5.2	1.694	2.657	7.5	20.3
4 21	12 0.62	+ 1 31.3	1.746	2.655	11.4	20.5
5 1	11 58.04	+ 2 39.6	1.820	2.653	14.8	20.7

184371 2005 JU_{155} 3 24.8 141.°22 0.°3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.31	− 5 11.8	2.384	3.215	11.1	21.0
3 2	12 31.47	− 4 39.2	2.309	3.220	8.2	20.8
3 12	12 25.14	− 3 55.9	2.258	3.226	4.8	20.6
3 22	12 17.90	− 3 5.4	2.236	3.231	1.2	20.4
4 1	12 10.45	− 2 12.4	2.244	3.236	2.5	20.5
4 11	12 3.57	− 1 22.2	2.281	3.241	6.1	20.7
4 21	11 57.86	− 0 39.1	2.344	3.245	9.3	20.9
5 1	11 53.80	− 0 6.4	2.432	3.249	12.0	21.1

110515 2001 TN_{77} 3 24.8 158.°02 2.°5/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.97	+ 2 40.9	1.894	2.750	12.4	19.8
3 2	12 33.72	+ 3 31.4	1.825	2.753	8.9	19.6
3 12	12 26.56	+ 4 28.7	1.782	2.756	5.1	19.4
3 22	12 18.22	+ 5 26.7	1.766	2.758	2.5	19.2
4 1	12 9.63	+ 6 18.7	1.779	2.760	4.9	19.4
4 11	12 1.78	+ 6 58.6	1.819	2.762	8.7	19.6
4 21	11 55.46	+ 7 22.9	1.884	2.764	12.2	19.8
5 1	11 51.22	+ 7 29.9	1.970	2.765	15.2	20.0

302490 2002 GW_{77} 3 24.8 357.°03 2.°3/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.63	− 9 48.7	1.312	2.157	17.5	20.0
3 2	12 32.81	− 9 25.6	1.240	2.156	13.3	19.7
3 12	12 26.38	− 8 38.8	1.189	2.154	8.5	19.4
3 22	12 18.22	− 7 32.0	1.162	2.153	3.5	19.1
4 1	12 9.59	− 6 13.3	1.159	2.153	3.8	19.1
4 11	12 1.91	− 4 53.4	1.182	2.153	8.9	19.4
4 21	11 56.27	− 3 42.3	1.228	2.154	13.8	19.7
5 1	11 53.40	− 2 47.8	1.293	2.155	18.0	20.0

25277 1998 VR_{34} 3 24.8 255.°71 0.°5/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.06	− 5 10.9	2.075	2.910	12.4	19.2
3 2	12 32.27	− 4 45.8	1.993	2.907	9.1	19.0
3 12	12 25.73	− 4 8.6	1.936	2.904	5.4	18.8
3 22	12 18.04	− 3 22.7	1.906	2.901	1.4	18.5
4 1	12 10.06	− 2 33.4	1.905	2.898	2.8	18.6
4 11	12 2.67	− 1 46.4	1.932	2.894	6.8	18.8
4 21	11 56.62	− 1 6.8	1.986	2.891	10.4	19.1
5 1	11 52.47	− 0 38.4	2.062	2.888	13.6	19.3

163721 2003 HQ_{27} 3 24.8 278.°52 1.°4/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.21	− 7 52.1	1.520	2.360	15.9	20.5
3 2	12 34.66	− 7 26.9	1.424	2.338	12.0	20.2
3 12	12 27.53	− 6 41.2	1.350	2.316	7.5	19.9
3 22	12 18.51	− 5 38.3	1.301	2.294	2.6	19.6
4 1	12 8.74	− 4 24.8	1.279	2.272	3.6	19.6
4 11	11 59.59	− 3 10.1	1.283	2.249	8.9	19.8
4 21	11 52.23	− 2 3.4	1.310	2.227	13.9	20.0
5 1	11 47.54	− 1 12.1	1.359	2.204	18.3	20.2

364669 2007 TT_{316} 3 24.8 340.°70 4.°9/21.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.13	+ 7 7.5	1.291	2.169	15.6	20.2
3 2	12 35.36	+ 7 55.5	1.226	2.163	11.4	19.9
3 12	12 27.85	+ 8 47.5	1.184	2.158	7.1	19.7
3 22	12 18.55	+ 9 34.4	1.166	2.153	4.9	19.5
4 1	12 8.81	+10 6.9	1.173	2.149	7.7	19.7
4 11	12 0.12	+10 18.3	1.203	2.145	12.2	19.9
4 21	11 53.61	+10 6.1	1.255	2.142	16.6	20.1
5 1	11 50.01	+ 9 30.9	1.325	2.140	20.3	20.4

65334 2002 LF_{57} 3 24.8 159.°79 0.°2/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.96	− 4 46.2	2.009	2.845	12.7	20.0
3 2	12 33.63	− 3 53.0	1.936	2.851	9.3	19.8
3 12	12 26.48	− 2 46.5	1.887	2.857	5.4	19.6
3 22	12 18.21	− 1 31.8	1.867	2.862	1.1	19.3
4 1	12 9.71	− 0 15.6	1.876	2.867	3.2	19.5
4 11	12 1.90	+ 0 54.9	1.914	2.871	7.3	19.7
4 21	11 55.54	+ 1 53.9	1.978	2.874	10.9	20.0
5 1	11 51.16	+ 2 37.7	2.065	2.877	14.1	20.2

185229 2006 TS_{78} 3 24.8 137.°76 1.°2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.55	− 7 43.0	2.684	3.500	10.5	21.0
3 2	12 31.50	− 7 25.0	2.607	3.508	7.8	20.9
3 12	12 25.11	− 6 56.4	2.555	3.516	4.8	20.7
3 22	12 17.91	− 6 19.6	2.532	3.524	1.8	20.5
4 1	12 10.53	− 5 38.3	2.539	3.532	2.2	20.5
4 11	12 3.65	− 4 56.6	2.576	3.539	5.3	20.7
4 21	11 57.84	− 4 18.7	2.640	3.546	8.2	20.9
5 1	11 53.53	− 3 47.8	2.729	3.552	10.7	21.1

502983 2015 FD_{72} 3 24.8 166.°52 2.°3/22.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.05	+ 4 41.4	2.329	3.179	10.6	21.3
3 2	12 33.48	+ 5 8.3	2.256	3.181	7.6	21.1
3 12	12 26.32	+ 5 38.2	2.210	3.182	4.5	20.9
3 22	12 18.18	+ 6 7.1	2.192	3.183	2.3	20.8
4 1	12 9.84	+ 6 30.3	2.204	3.184	4.3	20.9
4 11	12 2.11	+ 6 44.0	2.244	3.184	7.4	21.1
4 21	11 55.64	+ 6 46.1	2.311	3.185	10.5	21.3
5 1	11 50.93	+ 6 35.5	2.400	3.186	13.1	21.5

470891 2009 BX_{165} 3 24.8 332.°00 1.°8/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.65	− 8 28.0	2.014	2.840	13.0	21.4
3 2	12 32.08	− 8 20.7	1.930	2.835	9.9	21.1
3 12	12 25.68	− 7 59.2	1.869	2.831	6.3	20.9
3 22	12 18.08	− 7 25.8	1.835	2.826	2.6	20.7
4 1	12 10.13	− 6 44.8	1.829	2.822	2.9	20.7
4 11	12 2.78	− 6 1.8	1.851	2.818	6.6	20.9
4 21	11 56.80	− 5 22.4	1.899	2.814	10.3	21.1
5 1	11 52.77	− 4 51.2	1.970	2.811	13.5	21.3

107216 2001 BA_{44} 3 24.8 340.°36 7.°1/18.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 30.70	+ 7 30.3	1.097	1.996	16.0	18.3
3 2	12 28.85	+ 9 33.3	1.033	1.980	11.8	18.0
3 12	12 24.27	+11 46.9	0.991	1.965	8.0	17.7
3 22	12 17.81	+13 55.5	0.972	1.952	7.5	17.6
4 1	12 10.80	+15 42.7	0.976	1.940	11.0	17.8
4 11	12 4.74	+16 55.8	1.002	1.930	15.6	18.0
4 21	12 0.84	+17 29.6	1.045	1.921	20.0	18.2
5 1	11 59.85	+17 24.7	1.103	1.914	23.7	18.4

73410 2002 LV_{26} 3 24.8 283.°33 2.°0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.94	+ 0 38.4	1.959	2.815	12.1	19.4
3 2	12 31.67	+ 1 40.2	1.868	2.796	8.8	19.2
3 12	12 25.51	+ 2 52.8	1.802	2.777	5.0	18.9
3 22	12 18.06	+ 4 10.0	1.764	2.757	2.1	18.7
4 1	12 10.17	+ 5 24.5	1.754	2.738	4.6	18.8
4 11	12 2.81	+ 6 28.9	1.772	2.718	8.6	19.0
4 21	11 56.80	+ 7 17.6	1.815	2.698	12.4	19.2
5 1	11 52.78	+ 7 47.6	1.878	2.679	15.7	19.4

487590 2015 HR_{80} 3 24.8 51.°95 2.°9/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.90	−13 30.2	2.075	2.881	13.4	21.1
3 2	12 30.69	−13 4.1	1.999	2.889	10.4	20.9
3 12	12 24.81	−12 19.2	1.946	2.896	7.0	20.7
3 22	12 17.88	−11 18.4	1.920	2.904	3.8	20.5
4 1	12 10.73	−10 6.6	1.922	2.912	3.3	20.5
4 11	12 4.21	− 8 50.9	1.952	2.920	6.2	20.7
4 21	11 59.04	− 7 37.9	2.009	2.928	9.6	20.9
5 1	11 55.71	− 6 33.7	2.089	2.937	12.6	21.1

423534 2005 UR_{174} 3 24.8 190.°81 3.°7/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.91	+ 8 50.8	2.314	3.164	10.7	22.0
3 2	12 35.59	+ 9 32.9	2.241	3.163	7.8	21.8
3 12	12 27.57	+10 15.5	2.194	3.161	5.0	21.6
3 22	12 18.49	+10 53.3	2.177	3.158	3.7	21.5
4 1	12 9.18	+11 21.2	2.189	3.155	5.6	21.6
4 11	12 0.51	+11 35.4	2.230	3.151	8.5	21.8
4 21	11 53.18	+11 34.2	2.297	3.147	11.4	22.0
5 1	11 47.73	+11 17.4	2.385	3.142	14.0	22.2

371044 2005 UJ_{163} 3 24.8 212.°17 1.°6/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.84	− 9 22.0	2.088	2.907	12.9	22.1
3 2	12 32.90	− 8 50.0	2.000	2.902	9.8	21.9
3 12	12 26.14	− 8 1.7	1.936	2.896	6.2	21.6
3 22	12 18.19	− 7 0.4	1.899	2.890	2.4	21.4
4 1	12 9.90	− 5 51.3	1.891	2.884	2.8	21.4
4 11	12 2.19	− 4 41.1	1.912	2.877	6.6	21.6
4 21	11 55.83	− 3 36.5	1.960	2.870	10.3	21.8
5 1	11 51.41	− 2 42.7	2.032	2.862	13.6	22.0

182424 2001 RN_{113} 3 24.8 71.°28 1.°7/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.53	+ 0 29.4	2.111	2.962	11.5	20.1
3 2	12 31.66	+ 1 25.9	2.059	2.985	8.2	19.9
3 12	12 25.25	+ 2 29.4	2.034	3.007	4.6	19.7
3 22	12 17.96	+ 3 34.3	2.036	3.030	1.7	19.6
4 1	12 10.60	+ 4 34.5	2.068	3.052	3.9	19.8
4 11	12 3.97	+ 5 24.5	2.128	3.075	7.4	20.0
4 21	11 58.69	+ 6 0.9	2.214	3.097	10.5	20.2
5 1	11 55.19	+ 6 21.8	2.321	3.119	13.1	20.5

146854 2002 AO_{115} 3 24.8 70.°79 3.°5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.48	−14 1.4	2.345	3.137	12.5	20.1
3 2	12 32.44	−14 10.8	2.265	3.144	9.8	19.9
3 12	12 25.78	−14 4.9	2.209	3.151	6.9	19.7
3 22	12 18.11	−13 44.5	2.180	3.157	4.2	19.6
4 1	12 10.18	−13 12.7	2.179	3.164	3.7	19.5
4 11	12 2.83	−12 33.7	2.207	3.171	5.9	19.7
4 21	11 56.71	−11 52.9	2.262	3.178	8.9	19.9
5 1	11 52.35	−11 15.1	2.341	3.185	11.6	20.1

473258 2015 MU_{24} 3 24.8 32.°24 3.°6/21.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.01	+ 8 9.2	2.204	3.063	10.8	21.2
3 2	12 32.81	+ 8 47.2	2.138	3.065	7.8	21.0
3 12	12 25.97	+ 9 26.0	2.098	3.067	4.9	20.9
3 22	12 18.14	+10 0.5	2.085	3.069	3.6	20.8
4 1	12 10.12	+10 25.6	2.102	3.071	5.4	20.9
4 11	12 2.76	+10 37.6	2.146	3.074	8.4	21.1
4 21	11 56.72	+10 34.6	2.214	3.076	11.4	21.3
5 1	11 52.49	+10 16.4	2.305	3.079	13.9	21.4

91532 1999 RC_{196} 3 24.8 296.°96 7.°8/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.82	−21 44.9	1.833	2.597	16.5	18.6
3 2	12 34.99	−22 34.9	1.728	2.575	14.0	18.3
3 12	12 27.72	−23 2.7	1.644	2.553	11.2	18.1
3 22	12 18.62	−23 5.0	1.582	2.531	8.7	17.9
4 1	12 8.71	−22 41.5	1.546	2.509	7.8	17.8
4 11	11 59.24	−21 56.0	1.536	2.487	9.2	17.8
4 21	11 51.36	−20 55.9	1.550	2.465	12.2	17.9
5 1	11 45.95	−19 50.3	1.586	2.444	15.4	18.1

5540 Smirnova 3 24.8 210.°97 1.°2/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.45	− 8 31.5	2.552	3.363	11.1	19.6
3 2	12 33.07	− 7 59.8	2.456	3.355	8.3	19.4
3 12	12 26.14	− 7 15.0	2.385	3.345	5.2	19.1
3 22	12 18.20	− 6 20.0	2.343	3.335	1.9	18.9
4 1	12 9.95	− 5 18.9	2.332	3.325	2.4	18.9
4 11	12 2.15	− 4 17.1	2.351	3.313	5.8	19.1
4 21	11 55.46	− 3 19.8	2.398	3.300	9.0	19.3
5 1	11 50.41	− 2 31.3	2.470	3.287	11.9	19.5

91135 1998 HC_{155} 3 24.8 217.°03 0.°6/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.63	− 6 11.5	2.071	2.902	12.5	19.8
3 2	12 32.74	− 5 39.7	1.987	2.898	9.3	19.6
3 12	12 26.05	− 4 54.5	1.927	2.894	5.6	19.4
3 22	12 18.19	− 3 59.4	1.895	2.889	1.6	19.1
4 1	12 10.01	− 2 59.8	1.892	2.884	2.8	19.2
4 11	12 2.41	− 2 2.2	1.917	2.879	6.8	19.4
4 21	11 56.18	− 1 12.2	1.968	2.873	10.5	19.6
5 1	11 51.86	− 0 34.0	2.043	2.868	13.7	19.8

347556 2000 TP_{20} 3 24.8 188.°90 2.°3/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.07	+ 2 38.3	2.505	3.353	10.1	21.5
3 2	12 32.02	+ 3 53.8	2.428	3.352	7.2	21.3
3 12	12 25.49	+ 5 15.9	2.378	3.350	4.2	21.1
3 22	12 18.05	+ 6 38.9	2.358	3.348	2.3	20.9
4 1	12 10.38	+ 7 56.5	2.369	3.345	4.4	21.1
4 11	12 3.22	+ 9 3.0	2.409	3.341	7.4	21.3
4 21	11 57.18	+ 9 54.8	2.476	3.337	10.4	21.4
5 1	11 52.74	+10 29.9	2.565	3.331	12.8	21.6

433669 2014 DX_{29} 3 24.8 118.°88 1.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.88	− 0 30.9	2.509	3.354	10.2	21.4
3 2	12 30.37	+ 0 28.5	2.442	3.364	7.3	21.2
3 12	12 24.50	+ 1 35.4	2.402	3.375	4.1	21.0
3 22	12 17.83	+ 2 45.0	2.390	3.385	1.3	20.8
4 1	12 11.01	+ 3 51.8	2.409	3.395	3.3	21.0
4 11	12 4.74	+ 4 50.7	2.457	3.404	6.5	21.2
4 21	11 59.57	+ 5 38.0	2.532	3.413	9.4	21.4
5 1	11 55.91	+ 6 11.3	2.630	3.422	11.9	21.6

405234 2003 SU_{117} 3 24.8 143.°83 2.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.15	−10 27.7	2.127	2.933	13.2	22.5
3 2	12 35.87	−10 11.9	2.054	2.947	10.0	22.4
3 12	12 27.77	− 9 40.5	2.005	2.960	6.5	22.2
3 22	12 18.57	− 8 56.3	1.983	2.972	3.0	22.0
4 1	12 9.15	− 8 3.8	1.992	2.983	3.0	22.0
4 11	12 0.46	− 7 8.9	2.030	2.994	6.4	22.2
4 21	11 53.25	− 6 17.4	2.095	3.003	9.8	22.4
5 1	11 48.05	− 5 34.2	2.184	3.012	12.9	22.6

109513 2001 QQ_{236} 3 24.8 151.°76 0.°8/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.86	− 2 36.8	2.479	3.318	10.5	19.7
3 2	12 30.40	− 1 37.0	2.404	3.323	7.5	19.6
3 12	12 24.55	− 0 27.6	2.356	3.328	4.2	19.4
3 22	12 17.85	+ 0 46.6	2.337	3.332	1.0	19.1
4 1	12 10.96	+ 2 0.0	2.348	3.336	3.0	19.3
4 11	12 4.60	+ 3 7.0	2.388	3.340	6.4	19.5
4 21	11 59.33	+ 4 3.2	2.455	3.343	9.4	19.7
5 1	11 55.61	+ 4 45.6	2.546	3.346	12.0	19.9

141154 2001 XZ_{113} 3 24.8 196.°56 5.°5/16.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.24	+19 17.7	2.999	3.846	8.6	20.4
3 2	12 32.66	+20 15.8	2.937	3.843	6.9	20.3
3 12	12 25.79	+21 8.3	2.902	3.839	5.7	20.2
3 22	12 18.12	+21 50.1	2.896	3.835	5.7	20.2
4 1	12 10.30	+22 17.2	2.919	3.830	7.0	20.3
4 11	12 2.98	+22 27.2	2.968	3.825	8.8	20.4
4 21	11 56.70	+22 19.8	3.041	3.819	10.7	20.5
5 1	11 51.87	+21 56.0	3.135	3.813	12.4	20.6

437264 2012 XJ_{122} 3 24.8 119.°47 6.°3/15.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.08	+20 0.6	2.673	3.525	9.4	21.4
3 2	12 31.89	+21 16.1	2.632	3.539	7.5	21.3
3 12	12 25.34	+22 24.2	2.618	3.552	6.4	21.2
3 22	12 18.02	+23 19.3	2.632	3.565	6.6	21.3
4 1	12 10.61	+23 56.8	2.673	3.577	7.9	21.4
4 11	12 3.82	+24 14.4	2.741	3.589	9.7	21.5
4 21	11 58.19	+24 12.2	2.831	3.601	11.6	21.7
5 1	11 54.14	+23 51.5	2.940	3.613	13.2	21.8

89187 2001 UD_{75} 3 24.8 244.°54 0.°6/24.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.92	− 3 55.6	1.699	2.544	14.2	20.3
3 2	12 34.88	− 3 0.1	1.608	2.528	10.5	20.0
3 12	12 27.53	− 1 47.9	1.540	2.512	6.1	19.7
3 22	12 18.58	− 0 24.7	1.500	2.495	1.3	19.3
4 1	12 9.06	+ 1 1.4	1.487	2.478	4.0	19.5
4 11	12 0.17	+ 2 21.1	1.503	2.459	8.9	19.7
4 21	11 52.93	+ 3 26.6	1.543	2.441	13.4	20.0
5 1	11 48.08	+ 4 12.9	1.604	2.421	17.2	20.2

316434 2010 TL_{172} 3 24.8 302.°79 2.°4/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.52	−10 27.2	1.486	2.322	16.3	21.0
3 2	12 32.67	−10 2.5	1.398	2.308	12.6	20.7
3 12	12 26.36	− 9 14.5	1.332	2.294	8.1	20.4
3 22	12 18.33	− 8 6.5	1.289	2.280	3.5	20.1
4 1	12 9.70	− 6 44.9	1.273	2.266	3.7	20.0
4 11	12 1.77	− 5 19.8	1.283	2.253	8.5	20.3
4 21	11 55.65	− 4 1.2	1.316	2.240	13.2	20.5
5 1	11 52.13	− 2 57.1	1.371	2.227	17.5	20.7

360384 2002 CW_{267} 3 24.8 327.°58 3.°1/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.46	+ 1 24.0	1.248	2.125	16.1	21.0
3 2	12 32.84	+ 2 27.0	1.176	2.114	11.7	20.7
3 12	12 26.53	+ 3 43.7	1.126	2.104	6.7	20.4
3 22	12 18.36	+ 5 5.1	1.101	2.094	3.1	20.1
4 1	12 9.65	+ 6 19.9	1.100	2.085	6.4	20.3
4 11	12 1.86	+ 7 17.5	1.123	2.076	11.6	20.5
4 21	11 56.15	+ 7 51.4	1.167	2.068	16.5	20.8
5 1	11 53.31	+ 7 59.1	1.229	2.061	20.6	21.0

155714 2000 QK_{187} 3 24.8 153.°12 0.°5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.99	− 4 39.9	2.461	3.281	11.2	20.5
3 2	12 35.55	− 4 30.3	2.385	3.291	8.2	20.3
3 12	12 27.52	− 4 11.4	2.335	3.300	4.9	20.1
3 22	12 18.52	− 3 46.1	2.314	3.308	1.4	19.9
4 1	12 9.33	− 3 17.9	2.324	3.316	2.5	20.0
4 11	12 0.75	− 2 50.9	2.364	3.323	6.0	20.2
4 21	11 53.43	− 2 28.9	2.432	3.329	9.1	20.5
5 1	11 47.88	− 2 14.7	2.525	3.335	11.8	20.6

150756 2001 QB_{148} 3 24.8 113.°61 4.°2/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.76	+ 8 21.6	2.088	2.946	11.4	20.1
3 2	12 34.03	+ 9 37.6	2.040	2.967	8.2	20.0
3 12	12 26.65	+10 54.4	2.019	2.986	5.3	19.8
3 22	12 18.32	+12 4.8	2.026	3.005	4.3	19.8
4 1	12 9.92	+13 2.4	2.063	3.024	6.3	20.0
4 11	12 2.32	+13 42.5	2.127	3.042	9.2	20.2
4 21	11 56.17	+14 3.3	2.215	3.059	12.0	20.4
5 1	11 51.94	+14 5.0	2.324	3.076	14.4	20.6

401840 1999 UH_{56} 3 24.8 164.°85 0.°3/25.1 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.58	− 5 20.4	2.311	3.135	11.7	23.0
3 2	12 34.63	− 4 41.0	2.234	3.142	8.6	22.8
3 12	12 27.04	− 3 50.0	2.182	3.149	5.0	22.6
3 22	12 18.43	− 2 51.3	2.160	3.155	1.2	22.3
4 1	12 9.60	− 1 50.1	2.168	3.160	2.7	22.5
4 11	12 1.39	− 0 52.3	2.206	3.164	6.4	22.7
4 21	11 54.50	− 0 2.6	2.271	3.167	9.8	22.9
5 1	11 49.41	+ 0 35.5	2.361	3.169	12.6	23.1

272983 2006 DZ_{25} 3 24.8 305.°39 0.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.63	− 2 42.9	1.901	2.747	12.9	21.0
3 2	12 32.84	− 2 10.0	1.825	2.746	9.4	20.8
3 12	12 26.15	− 1 25.8	1.773	2.745	5.4	20.6
3 22	12 18.25	− 0 34.9	1.749	2.744	1.1	20.3
4 1	12 10.05	+ 0 16.6	1.752	2.743	3.4	20.4
4 11	12 2.52	+ 1 2.5	1.783	2.742	7.6	20.7
4 21	11 56.46	+ 1 37.8	1.840	2.741	11.4	20.9
5 1	11 52.45	+ 1 59.1	1.918	2.740	14.6	21.1

127401 2002 LK_{25} 3 24.8 334.°55 9.°1/16.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.90	+19 15.0	1.553	2.423	13.9	19.0
3 2	12 34.91	+20 27.7	1.494	2.414	11.2	18.8
3 12	12 27.51	+21 31.4	1.458	2.404	9.3	18.6
3 22	12 18.56	+22 15.8	1.447	2.396	9.4	18.6
4 1	12 9.29	+22 33.1	1.460	2.388	11.4	18.7
4 11	12 0.97	+22 19.6	1.496	2.380	14.4	18.9
4 21	11 54.61	+21 36.4	1.552	2.373	17.3	19.0
5 1	11 50.84	+20 27.3	1.625	2.367	20.0	19.2

384138 2008 YY_{103} 3 24.8 88.°56 1.°3/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.97	− 0 5.6	2.145	2.994	11.5	21.3
3 2	12 32.06	+ 0 38.7	2.083	3.006	8.2	21.2
3 12	12 25.55	+ 1 30.7	2.045	3.019	4.6	21.0
3 22	12 18.10	+ 2 25.4	2.036	3.031	1.4	20.7
4 1	12 10.49	+ 3 17.1	2.056	3.043	3.6	20.9
4 11	12 3.56	+ 4 0.6	2.105	3.055	7.2	21.2
4 21	11 57.96	+ 4 32.2	2.179	3.067	10.4	21.4
5 1	11 54.14	+ 4 49.7	2.276	3.079	13.2	21.6

32719 1153 T_{-3} 3 24.8 219.°27 2.°4/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.45	−11 9.4	2.306	3.108	12.4	20.8
3 2	12 34.74	−11 1.2	2.208	3.098	9.6	20.6
3 12	12 27.23	−10 38.0	2.135	3.087	6.4	20.4
3 22	12 18.51	−10 1.5	2.089	3.076	3.2	20.2
4 1	12 9.38	− 9 15.2	2.073	3.063	3.1	20.1
4 11	12 0.73	− 8 24.2	2.087	3.050	6.2	20.3
4 21	11 53.35	− 7 34.2	2.127	3.037	9.7	20.5
5 1	11 47.84	− 6 50.4	2.192	3.022	12.7	20.7

464243 2015 DG_{65} 3 24.8 184.°54 2.°8/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.78	+ 3 40.0	2.125	2.982	11.3	21.4
3 2	12 32.03	+ 4 47.0	2.054	2.982	8.1	21.2
3 12	12 25.60	+ 6 0.1	2.009	2.982	4.7	21.0
3 22	12 18.13	+ 7 13.1	1.992	2.981	2.8	20.9
4 1	12 10.42	+ 8 19.1	2.004	2.981	5.0	21.0
4 11	12 3.32	+ 9 12.2	2.045	2.980	8.4	21.2
4 21	11 57.53	+ 9 48.9	2.110	2.979	11.6	21.4
5 1	11 53.58	+10 7.4	2.197	2.977	14.3	21.6

410370 2007 VN_{153} 3 24.8 216.°24 1.°3/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.63	− 0 39.0	1.976	2.819	12.6	23.1
3 2	12 35.77	+ 0 3.9	1.890	2.810	9.2	22.8
3 12	12 27.89	+ 0 57.0	1.828	2.800	5.2	22.6
3 22	12 18.66	+ 1 55.1	1.795	2.790	1.5	22.3
4 1	12 9.02	+ 2 51.8	1.791	2.779	4.0	22.4
4 11	12 0.00	+ 3 40.7	1.816	2.767	8.1	22.7
4 21	11 52.46	+ 4 16.9	1.867	2.754	12.0	22.9
5 1	11 47.05	+ 4 37.4	1.939	2.740	15.3	23.1

210770 2000 YL_{65} 3 24.8 91.°09 2.°9/22.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.68	+ 2 32.7	1.551	2.412	14.5	20.8
3 2	12 35.88	+ 3 32.3	1.502	2.431	10.3	20.6
3 12	12 27.88	+ 4 39.2	1.476	2.450	5.9	20.4
3 22	12 18.62	+ 5 45.6	1.478	2.469	2.9	20.2
4 1	12 9.27	+ 6 43.0	1.507	2.488	5.5	20.4
4 11	12 0.99	+ 7 24.9	1.562	2.506	9.7	20.7
4 21	11 54.63	+ 7 47.8	1.641	2.524	13.5	21.0
5 1	11 50.71	+ 7 51.0	1.740	2.542	16.7	21.2

388667 2007 TY_{370} 3 24.8 178.°94 4.°6/19.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.31	+12 32.2	2.525	3.380	9.7	21.1
3 2	12 32.88	+13 26.9	2.460	3.381	7.3	20.9
3 12	12 25.99	+14 19.7	2.422	3.382	5.2	20.8
3 22	12 18.20	+15 5.2	2.413	3.382	4.7	20.8
4 1	12 10.25	+15 38.3	2.434	3.382	6.3	20.9
4 11	12 2.87	+15 55.9	2.481	3.382	8.7	21.0
4 21	11 56.67	+15 56.6	2.554	3.381	11.1	21.2
5 1	11 52.12	+15 40.9	2.647	3.380	13.3	21.3

303853 2005 SN_{200} 3 24.8 245.°90 1.°0/23.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.74	+ 0 6.4	2.760	3.599	9.5	21.6
3 2	12 31.75	+ 0 36.4	2.665	3.584	6.9	21.4
3 12	12 25.37	+ 1 12.6	2.597	3.568	3.9	21.2
3 22	12 18.08	+ 1 51.8	2.558	3.553	1.1	21.0
4 1	12 10.51	+ 2 30.0	2.550	3.537	3.0	21.1
4 11	12 3.32	+ 3 3.0	2.571	3.520	6.1	21.3
4 21	11 57.12	+ 3 27.8	2.619	3.504	9.0	21.4
5 1	11 52.37	+ 3 41.9	2.692	3.486	11.6	21.6

325113 2008 ER_{44} 3 24.8 295.°20 1.°2/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.07	− 1 38.3	1.657	2.512	14.0	21.2
3 2	12 33.40	− 0 52.3	1.583	2.509	10.2	20.9
3 12	12 26.59	+ 0 6.1	1.533	2.507	5.8	20.7
3 22	12 18.38	+ 1 11.0	1.510	2.505	1.4	20.4
4 1	12 9.81	+ 2 14.8	1.514	2.503	4.2	20.6
4 11	12 2.01	+ 3 9.6	1.544	2.501	8.7	20.8
4 21	11 55.90	+ 3 49.8	1.599	2.498	12.9	21.1
5 1	11 52.08	+ 4 12.1	1.675	2.496	16.4	21.3

202709 2007 GE_{25} 3 24.8 289.°31 4.°1/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.57	+ 8 0.5	1.837	2.697	12.6	19.8
3 2	12 35.95	+ 8 34.4	1.749	2.676	9.3	19.6
3 12	12 28.10	+ 9 10.3	1.685	2.655	5.8	19.3
3 22	12 18.74	+ 9 42.0	1.649	2.634	4.1	19.2
4 1	12 8.86	+10 3.0	1.640	2.613	6.3	19.2
4 11	11 59.60	+10 8.3	1.659	2.592	10.1	19.4
4 21	11 51.93	+ 9 55.6	1.701	2.571	13.8	19.6
5 1	11 46.56	+ 9 24.6	1.764	2.550	17.1	19.8

26056 4281 T_{-2} 3 24.8 287.°99 1.°7/23.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.65	+ 2 13.9	1.992	2.842	12.2	18.7
3 2	12 35.09	+ 2 28.3	1.903	2.826	8.9	18.5
3 12	12 27.52	+ 2 48.4	1.838	2.811	5.1	18.2
3 22	12 18.60	+ 3 10.0	1.802	2.796	1.8	17.9
4 1	12 9.24	+ 3 28.3	1.794	2.780	4.1	18.1
4 11	12 0.46	+ 3 38.7	1.814	2.765	8.1	18.3
4 21	11 53.13	+ 3 38.0	1.860	2.750	11.8	18.5
5 1	11 47.88	+ 3 24.3	1.928	2.735	15.1	18.6

409185 2003 UY_{308} 3 24.8 213.°86 1.°3/23.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.78	− 0 39.7	1.962	2.806	12.6	22.2
3 2	12 35.16	+ 0 5.3	1.878	2.799	9.1	21.9
3 12	12 27.53	+ 1 0.5	1.819	2.791	5.2	21.7
3 22	12 18.60	+ 2 0.7	1.788	2.782	1.5	21.4
4 1	12 9.27	+ 2 59.4	1.786	2.773	4.0	21.5
4 11	12 0.58	+ 3 49.9	1.812	2.763	8.1	21.8
4 21	11 53.38	+ 4 27.5	1.865	2.752	11.9	22.0
5 1	11 48.28	+ 4 49.0	1.939	2.741	15.2	22.2

489752 2007 YK_{62} 3 24.8 87.°91 1.°0/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.68	− 7 13.2	2.347	3.170	11.5	22.2
3 2	12 31.77	− 6 51.7	2.278	3.184	8.6	22.0
3 12	12 25.38	− 6 18.4	2.233	3.197	5.2	21.8
3 22	12 18.09	− 5 36.6	2.217	3.210	1.8	21.6
4 1	12 10.64	− 4 50.4	2.230	3.223	2.4	21.7
4 11	12 3.79	− 4 4.9	2.272	3.236	5.8	21.9
4 21	11 58.16	− 3 24.5	2.341	3.249	9.0	22.1
5 1	11 54.20	− 2 53.0	2.434	3.261	11.7	22.3

197991 2004 RS_{158} 3 24.8 264.°75 0.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.71	− 6 41.0	1.874	2.712	13.4	20.5
3 2	12 31.54	− 5 44.5	1.790	2.705	9.9	20.3
3 12	12 25.46	− 4 30.9	1.729	2.698	5.9	20.0
3 22	12 18.14	− 3 5.3	1.696	2.691	1.5	19.7
4 1	12 10.46	− 1 35.1	1.692	2.684	3.1	19.8
4 11	12 3.40	− 0 8.7	1.715	2.677	7.5	20.1
4 21	11 57.77	+ 1 6.4	1.764	2.670	11.5	20.3
5 1	11 54.18	+ 2 5.1	1.836	2.663	15.0	20.5

155443 1998 HX_{14} 3 24.8 307.°66 1.°7/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.58	+ 0 20.2	1.806	2.662	13.0	20.4
3 2	12 32.89	+ 1 7.0	1.733	2.660	9.3	20.1
3 12	12 26.23	+ 2 3.4	1.684	2.658	5.3	19.9
3 22	12 18.30	+ 3 3.5	1.662	2.656	1.8	19.6
4 1	12 10.07	+ 4 0.3	1.668	2.654	4.4	19.8
4 11	12 2.55	+ 4 47.0	1.701	2.652	8.5	20.1
4 21	11 56.56	+ 5 19.1	1.759	2.651	12.3	20.3
5 1	11 52.70	+ 5 34.1	1.838	2.649	15.6	20.5

427744 2004 RM_{125} 3 24.8 96.°30 3.°1/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.80	−11 26.3	2.022	2.826	13.8	21.6
3 2	12 36.42	−11 41.3	1.956	2.845	10.7	21.4
3 12	12 28.14	−11 40.8	1.913	2.863	7.1	21.2
3 22	12 18.71	−11 26.2	1.897	2.881	3.9	21.0
4 1	12 9.09	−11 0.7	1.911	2.899	3.6	21.1
4 11	12 0.26	−10 29.4	1.952	2.916	6.6	21.3
4 21	11 53.02	− 9 57.7	2.021	2.934	9.9	21.5
5 1	11 47.89	− 9 30.6	2.113	2.950	12.9	21.7

328334 2008 JO_{34} 3 24.8 235.°86 4.°5/19.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.06	+ 8 3.6	1.948	2.812	11.8	20.8
3 2	12 33.18	+ 9 21.4	1.874	2.803	8.6	20.6
3 12	12 26.38	+10 42.8	1.826	2.795	5.6	20.4
3 22	12 18.34	+12 0.0	1.806	2.786	4.6	20.3
4 1	12 9.97	+13 5.1	1.814	2.777	6.8	20.4
4 11	12 2.25	+13 52.0	1.849	2.767	10.2	20.6
4 21	11 55.98	+14 17.5	1.907	2.758	13.4	20.8
5 1	11 51.75	+14 21.2	1.986	2.748	16.2	21.0

89040 2001 TS_{109} 3 24.8 269.°25 2.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.87	−10 5.7	1.813	2.637	14.4	19.9
3 2	12 33.27	− 9 45.7	1.721	2.624	11.0	19.7
3 12	12 26.57	− 9 7.2	1.652	2.612	7.1	19.4
3 22	12 18.41	− 8 12.8	1.609	2.599	3.1	19.1
4 1	12 9.76	− 7 7.6	1.594	2.587	3.3	19.1
4 11	12 1.72	− 5 59.2	1.606	2.574	7.4	19.3
4 21	11 55.20	− 4 55.1	1.644	2.561	11.5	19.5
5 1	11 50.89	− 4 1.8	1.704	2.548	15.2	19.7

419608 2010 RM_{140} 3 24.8 252.°24 5.°7/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 48.37	−13 57.4	1.708	2.501	16.4	20.7
3 2	12 41.28	−15 4.9	1.616	2.493	13.2	20.5
3 12	12 31.41	−15 56.2	1.547	2.485	9.6	20.3
3 22	12 19.53	−16 28.8	1.504	2.476	6.5	20.0
4 1	12 6.87	−16 42.3	1.489	2.468	6.0	20.0
4 11	11 54.85	−16 40.1	1.501	2.459	8.8	20.1
4 21	11 44.73	−16 28.0	1.539	2.450	12.6	20.3
5 1	11 37.42	−16 13.1	1.599	2.440	16.1	20.5

419990 2011 CF_{32} 3 24.8 110.°99 6.°5/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.40	−22 15.3	2.060	2.810	15.4	21.6
3 2	12 35.57	−22 41.9	1.986	2.825	12.8	21.4
3 12	12 27.74	−22 45.6	1.933	2.839	10.0	21.2
3 22	12 18.65	−22 25.8	1.905	2.853	7.5	21.1
4 1	12 9.27	−21 44.4	1.903	2.867	6.5	21.1
4 11	12 0.63	−20 47.1	1.929	2.880	7.7	21.2
4 21	11 53.58	−19 41.1	1.981	2.893	10.1	21.3
5 1	11 48.69	−18 34.2	2.057	2.905	12.8	21.5

168478 1999 RF_{60} 3 24.8 303.°58 2.°4/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.74	− 1 58.9	1.359	2.228	15.6	19.3
3 2	12 31.64	− 0 28.4	1.265	2.199	11.4	18.9
3 12	12 25.95	+ 1 24.9	1.194	2.171	6.5	18.6
3 22	12 18.33	+ 3 32.4	1.149	2.143	2.4	18.2
4 1	12 9.93	+ 5 41.2	1.130	2.115	6.1	18.4
4 11	12 2.13	+ 7 36.8	1.135	2.088	11.6	18.6
4 21	11 56.18	+ 9 8.2	1.163	2.060	16.8	18.8
5 1	11 52.98	+10 8.9	1.209	2.034	21.3	19.0

231707 1998 TP 3 24.8 35.°44 19.°6/20.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	13 4.68	+38 55.7	0.948	1.776	24.1	17.8
3 2	12 53.17	+39 22.3	0.936	1.799	21.7	17.7
3 12	12 37.64	+39 2.0	0.940	1.824	20.0	17.7
3 22	12 20.66	+37 44.4	0.963	1.850	19.6	17.7
4 1	12 5.01	+35 30.2	1.004	1.877	20.4	17.9
4 11	11 52.80	+32 31.6	1.065	1.905	22.1	18.1
4 21	11 44.88	+29 5.5	1.143	1.934	24.1	18.3
5 1	11 41.25	+25 26.6	1.238	1.964	25.9	18.6

150804 2001 RC_{88} 3 24.8 156.°93 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.88	− 1 53.4	2.111	2.952	12.0	21.1
3 2	12 33.55	− 1 4.9	2.039	2.958	8.6	20.9
3 12	12 26.49	− 0 6.3	1.993	2.964	4.9	20.7
3 22	12 18.37	+ 0 57.1	1.975	2.970	1.2	20.4
4 1	12 10.03	+ 1 59.4	1.986	2.975	3.5	20.6
4 11	12 2.36	+ 2 54.4	2.026	2.979	7.3	20.8
4 21	11 56.06	+ 3 37.6	2.093	2.983	10.7	21.1
5 1	11 51.65	+ 4 6.2	2.182	2.986	13.7	21.3

401113 2011 UN_{260} 3 24.8 194.°73 2.°1/23.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.62	+ 2 0.9	1.774	2.624	13.5	21.7
3 2	12 37.35	+ 2 34.7	1.698	2.622	9.7	21.5
3 12	12 28.86	+ 3 16.0	1.647	2.620	5.6	21.2
3 22	12 18.92	+ 3 59.0	1.623	2.617	2.2	21.0
4 1	12 8.63	+ 4 37.4	1.629	2.613	4.7	21.2
4 11	11 59.12	+ 5 5.2	1.661	2.609	9.0	21.4
4 21	11 51.35	+ 5 18.6	1.719	2.605	12.9	21.6
5 1	11 45.95	+ 5 15.9	1.798	2.599	16.3	21.8

238838 2005 UH_9 3 24.8 80.°47 5.°4/21.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.15	+ 8 51.4	1.316	2.183	16.1	20.3
3 2	12 40.03	+ 9 43.7	1.278	2.208	11.7	20.1
3 12	12 30.32	+10 35.3	1.263	2.233	7.4	19.9
3 22	12 19.20	+11 17.1	1.274	2.257	5.4	19.8
4 1	12 8.16	+11 41.2	1.311	2.282	7.9	20.0
4 11	11 58.59	+11 43.3	1.373	2.305	11.9	20.3
4 21	11 51.44	+11 23.5	1.457	2.329	15.6	20.6
5 1	11 47.21	+10 43.9	1.560	2.351	18.8	20.9

364273 2006 TW_{48} 3 24.8 251.°64 2.°4/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.45	−12 5.8	2.121	2.925	13.3	22.8
3 2	12 34.28	−11 33.3	2.010	2.901	10.3	22.6
3 12	12 27.13	−10 41.4	1.924	2.877	6.8	22.3
3 22	12 18.57	− 9 32.2	1.865	2.852	3.3	22.1
4 1	12 9.46	− 8 10.5	1.835	2.826	3.1	22.0
4 11	12 0.77	− 6 43.4	1.834	2.799	6.8	22.2
4 21	11 53.38	− 5 18.8	1.861	2.772	10.7	22.3
5 1	11 48.00	− 4 3.7	1.912	2.743	14.3	22.5

417025 2005 UQ_{84} 3 24.8 53.°02 1.°3/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.10	− 0 31.1	1.681	2.536	13.8	21.3
3 2	12 34.07	+ 0 3.1	1.614	2.540	10.0	21.1
3 12	12 26.94	+ 0 47.4	1.571	2.545	5.7	20.9
3 22	12 18.50	+ 1 36.2	1.555	2.550	1.5	20.6
4 1	12 9.78	+ 2 22.6	1.566	2.555	4.1	20.8
4 11	12 1.90	+ 3 0.2	1.604	2.560	8.5	21.1
4 21	11 55.72	+ 3 24.4	1.667	2.565	12.5	21.3
5 1	11 51.81	+ 3 32.7	1.750	2.571	15.8	21.5

310272 2011 UJ_{52} 3 24.8 221.°81 2.°3/21.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.05	+ 5 17.7	2.877	3.726	8.9	21.6
3 2	12 31.18	+ 6 1.6	2.794	3.718	6.4	21.4
3 12	12 25.03	+ 6 48.6	2.738	3.709	3.8	21.2
3 22	12 18.06	+ 7 34.6	2.712	3.700	2.3	21.1
4 1	12 10.87	+ 8 15.4	2.716	3.690	4.0	21.2
4 11	12 4.09	+ 8 47.1	2.749	3.681	6.7	21.3
4 21	11 58.27	+ 9 7.3	2.809	3.670	9.2	21.5
5 1	11 53.84	+ 9 14.8	2.892	3.660	11.5	21.6

269398 2009 RE_3 3 24.8 143.°83 4.°3/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.16	−16 45.8	2.255	3.029	13.5	21.5
3 2	12 35.22	−16 55.7	2.175	3.040	10.8	21.3
3 12	12 27.49	−16 47.6	2.118	3.049	7.8	21.1
3 22	12 18.62	−16 22.0	2.089	3.058	5.2	21.0
4 1	12 9.49	−15 41.6	2.087	3.067	4.4	20.9
4 11	12 0.99	−14 51.6	2.115	3.075	6.4	21.1
4 21	11 53.89	−13 58.1	2.170	3.083	9.3	21.2
5 1	11 48.73	−13 7.0	2.249	3.090	12.1	21.4

368576 2004 PE_{35} 3 24.8 168.°30 2.°9/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.99	−13 18.2	2.630	3.414	11.6	21.9
3 2	12 34.87	−13 21.8	2.544	3.419	9.0	21.7
3 12	12 27.21	−13 11.6	2.482	3.424	6.2	21.5
3 22	12 18.56	−12 48.7	2.448	3.428	3.6	21.4
4 1	12 9.65	−12 15.7	2.445	3.431	3.2	21.3
4 11	12 1.26	−11 36.8	2.472	3.434	5.5	21.5
4 21	11 54.04	−10 56.5	2.527	3.436	8.4	21.7
5 1	11 48.48	−10 19.3	2.608	3.437	11.0	21.8

151144 2001 XG_{48} 3 24.8 135.°42 3.°5/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.10	−13 33.6	2.156	2.948	13.5	20.1
3 2	12 35.92	−13 42.3	2.080	2.960	10.6	19.9
3 12	12 27.90	−13 34.5	2.028	2.971	7.3	19.7
3 22	12 18.73	−13 11.3	2.003	2.982	4.3	19.6
4 1	12 9.30	−12 35.8	2.007	2.993	3.8	19.5
4 11	12 0.56	−11 53.3	2.040	3.003	6.4	19.7
4 21	11 53.28	−11 9.4	2.100	3.012	9.6	19.9
5 1	11 48.02	−10 29.7	2.184	3.021	12.5	20.1

143109 2002 XL_{24} 3 24.8 109.°06 2.°2/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.07	+ 1 41.1	1.750	2.606	13.3	20.2
3 2	12 34.66	+ 2 28.5	1.688	2.615	9.6	20.0
3 12	12 27.23	+ 3 23.7	1.651	2.624	5.4	19.7
3 22	12 18.58	+ 4 20.4	1.640	2.633	2.2	19.5
4 1	12 9.71	+ 5 11.4	1.658	2.642	4.8	19.7
4 11	12 1.69	+ 5 50.6	1.702	2.650	8.8	20.0
4 21	11 55.35	+ 6 14.2	1.772	2.658	12.5	20.2
5 1	11 51.22	+ 6 20.4	1.862	2.666	15.7	20.4

222746 2002 BA_{23} 3 24.8 110.°93 5.°1/20.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.08	+12 5.5	1.976	2.833	12.0	20.3
3 2	12 36.57	+12 53.6	1.925	2.848	8.9	20.1
3 12	12 28.20	+13 38.7	1.901	2.863	6.1	20.0
3 22	12 18.77	+14 14.4	1.904	2.877	5.2	19.9
4 1	12 9.27	+14 35.0	1.935	2.891	7.0	20.1
4 11	12 0.68	+14 37.5	1.993	2.905	9.9	20.3
4 21	11 53.72	+14 21.5	2.076	2.918	12.8	20.5
5 1	11 48.90	+13 48.3	2.179	2.931	15.2	20.7

241221 2007 TO_{80} 3 24.8 188.°21 1.°5/23.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.97	+ 0 51.6	2.449	3.294	10.4	21.1
3 2	12 32.02	+ 1 34.8	2.372	3.294	7.5	20.9
3 12	12 25.57	+ 2 24.7	2.320	3.293	4.2	20.7
3 22	12 18.21	+ 3 16.8	2.298	3.292	1.5	20.5
4 1	12 10.61	+ 4 6.1	2.305	3.290	3.5	20.6
4 11	12 3.55	+ 4 47.9	2.342	3.288	6.8	20.8
4 21	11 57.62	+ 5 18.8	2.405	3.286	9.9	21.0
5 1	11 53.31	+ 5 36.5	2.491	3.284	12.5	21.2

304543 2006 UF_{285} 3 24.8 274.°55 7.°2/16.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.52	+21 23.7	2.371	3.222	10.5	20.4
3 2	12 33.97	+22 23.5	2.307	3.211	8.6	20.2
3 12	12 26.74	+23 14.9	2.269	3.201	7.3	20.1
3 22	12 18.47	+23 51.6	2.258	3.191	7.5	20.1
4 1	12 9.97	+24 8.5	2.274	3.181	9.0	20.2
4 11	12 2.11	+24 3.0	2.315	3.170	11.1	20.3
4 21	11 55.60	+23 35.5	2.378	3.160	13.2	20.5
5 1	11 50.92	+22 48.1	2.461	3.150	15.2	20.6

299535 2006 DC_{41} 3 24.8 359.°67 0.°4/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.29	− 9 7.4	1.106	1.972	18.6	19.1
3 2	12 29.24	− 7 39.6	1.040	1.969	13.9	18.8
3 12	12 24.52	− 5 39.8	0.994	1.967	8.2	18.5
3 22	12 18.03	− 3 17.0	0.971	1.966	2.1	18.1
4 1	12 11.08	− 0 46.7	0.973	1.967	4.4	18.3
4 11	12 5.16	+ 1 33.5	0.999	1.968	10.4	18.6
4 21	12 1.36	+ 3 29.6	1.047	1.971	15.8	18.9
5 1	12 0.40	+ 4 53.7	1.113	1.975	20.3	19.2

359638 2011 QO_{67} 3 24.8 253.°00 1.°8/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.97	− 7 50.0	1.595	2.426	15.7	21.4
3 2	12 37.39	− 7 43.1	1.500	2.409	11.9	21.1
3 12	12 29.19	− 7 18.5	1.428	2.392	7.5	20.8
3 22	12 19.10	− 6 38.8	1.381	2.374	2.9	20.5
4 1	12 8.28	− 5 48.8	1.362	2.355	3.6	20.5
4 11	11 58.08	− 4 56.4	1.370	2.336	8.6	20.7
4 21	11 49.69	− 4 9.1	1.402	2.316	13.3	20.9
5 1	11 43.99	− 3 33.6	1.456	2.296	17.5	21.1

501584 2014 QZ_{21} 3 24.8 283.°90 4.°2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.96	−12 56.6	1.443	2.267	17.4	21.4
3 2	12 35.49	−13 1.6	1.347	2.245	13.8	21.1
3 12	12 28.24	−12 42.8	1.270	2.224	9.5	20.8
3 22	12 18.92	−12 0.3	1.218	2.202	5.3	20.5
4 1	12 8.71	−10 58.2	1.191	2.181	4.8	20.4
4 11	11 59.11	− 9 44.9	1.189	2.159	9.0	20.6
4 21	11 51.42	− 8 30.9	1.211	2.137	13.9	20.8
5 1	11 46.62	− 7 25.8	1.253	2.115	18.4	21.0

99 Dike 3 24.8 319.°09 6.°9/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.78	+14 3.4	1.513	2.383	14.2	13.0
3 2	12 37.23	+14 42.9	1.437	2.364	10.9	12.8
3 12	12 29.03	+15 17.9	1.383	2.345	7.9	12.5
3 22	12 19.05	+15 39.9	1.354	2.327	7.0	12.4
4 1	12 8.52	+15 41.1	1.352	2.309	9.3	12.5
4 11	11 58.85	+15 17.1	1.373	2.292	12.9	12.7
4 21	11 51.18	+14 28.0	1.417	2.276	16.7	12.9
5 1	11 46.28	+13 16.4	1.478	2.260	20.0	13.0

155404 1995 UX_{38} 3 24.8 159.°13 0.°7/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.18	− 1 32.1	2.157	2.998	11.8	20.8
3 2	12 33.77	− 1 0.2	2.083	3.002	8.5	20.6
3 12	12 26.65	− 0 19.4	2.035	3.006	4.9	20.3
3 22	12 18.46	+ 0 25.9	2.014	3.010	1.1	20.1
4 1	12 10.05	+ 1 10.6	2.023	3.013	3.2	20.2
4 11	12 2.27	+ 1 49.4	2.061	3.016	7.0	20.5
4 21	11 55.84	+ 2 18.3	2.125	3.018	10.4	20.7
5 1	11 51.28	+ 2 34.8	2.212	3.020	13.4	20.9

333082 2011 UT_{126} 3 24.8 54.°56 3.°1/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.45	−11 45.5	1.301	2.137	18.3	20.2
3 2	12 34.73	−11 27.7	1.247	2.155	14.0	19.9
3 12	12 27.47	−10 45.1	1.214	2.173	9.1	19.7
3 22	12 18.66	− 9 41.9	1.204	2.192	4.4	19.5
4 1	12 9.66	− 8 26.0	1.219	2.212	4.0	19.5
4 11	12 1.82	− 7 8.1	1.260	2.231	8.4	19.8
4 21	11 56.15	− 5 57.9	1.324	2.251	12.9	20.1
5 1	11 53.22	− 5 2.4	1.409	2.271	16.8	20.4

33214 1998 FP_{90} 3 24.8 109.°90 0.°2/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.30	− 1 22.0	1.881	2.714	13.5	17.3
3 2	12 39.90	− 1 44.9	1.806	2.719	10.0	17.1
3 12	12 30.30	− 2 0.9	1.756	2.725	5.8	16.9
3 22	12 19.30	− 2 12.0	1.735	2.730	1.4	16.6
4 1	12 7.99	− 2 21.3	1.743	2.735	3.2	16.7
4 11	11 57.53	− 2 32.3	1.781	2.740	7.5	17.0
4 21	11 48.81	− 2 47.7	1.845	2.745	11.4	17.2
5 1	11 42.49	− 3 9.8	1.933	2.750	14.7	17.4

17038 Wake 3 24.8 268.°14 3.°1/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.61	−12 40.1	1.859	2.671	14.5	18.4
3 2	12 33.06	−12 27.1	1.769	2.663	11.3	18.2
3 12	12 26.46	−11 54.3	1.702	2.654	7.7	17.9
3 22	12 18.47	−11 3.6	1.660	2.646	4.1	17.7
4 1	12 10.03	− 9 59.6	1.646	2.637	3.6	17.6
4 11	12 2.20	− 8 49.6	1.660	2.628	7.1	17.8
4 21	11 55.87	− 7 41.1	1.699	2.619	11.0	18.0
5 1	11 51.71	− 6 41.1	1.761	2.610	14.5	18.2

371889 2008 CH_{82} 3 24.8 290.°83 0.°2/24.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.28	− 2 26.0	1.601	2.450	14.7	20.9
3 2	12 36.03	− 2 17.6	1.514	2.435	10.9	20.6
3 12	12 28.33	− 1 57.6	1.449	2.421	6.4	20.3
3 22	12 18.91	− 1 29.8	1.411	2.406	1.4	19.9
4 1	12 8.89	− 0 59.7	1.400	2.392	3.8	20.1
4 11	11 59.56	− 0 33.8	1.415	2.378	8.8	20.3
4 21	11 52.01	− 0 17.5	1.455	2.363	13.3	20.6
5 1	11 47.01	− 0 14.5	1.516	2.349	17.2	20.8

34647 2000 WV_{97} 3 24.8 237.°74 5.°5/19.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.26	+10 25.9	1.762	2.625	12.9	17.9
3 2	12 36.48	+11 32.1	1.687	2.614	9.6	17.7
3 12	12 28.45	+12 39.3	1.637	2.602	6.5	17.4
3 22	12 18.91	+13 39.3	1.614	2.590	5.6	17.4
4 1	12 8.95	+14 23.9	1.618	2.577	7.9	17.5
4 11	11 59.74	+14 47.3	1.648	2.564	11.4	17.6
4 21	11 52.24	+14 47.5	1.702	2.550	14.8	17.8
5 1	11 47.12	+14 25.1	1.774	2.536	17.9	18.0

297689 2001 UC_{207} 3 24.8 233.°99 1.°2/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.99	− 0 48.6	1.665	2.514	14.3	21.9
3 2	12 37.17	− 0 16.4	1.580	2.503	10.4	21.7
3 12	12 28.94	+ 0 27.1	1.519	2.491	6.0	21.4
3 22	12 19.04	+ 1 16.7	1.484	2.479	1.5	21.0
4 1	12 8.60	+ 2 5.4	1.477	2.466	4.3	21.2
4 11	11 58.88	+ 2 46.1	1.498	2.453	9.1	21.4
4 21	11 50.93	+ 3 13.3	1.543	2.439	13.5	21.7
5 1	11 45.49	+ 3 23.9	1.609	2.424	17.2	21.9

23414 1979 MP_{1} 3 24.8 221.°10 0.°3/24.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.50	− 3 44.1	1.848	2.690	13.4	19.2
3 2	12 34.36	− 3 3.9	1.765	2.684	9.8	18.9
3 12	12 27.17	− 2 10.2	1.706	2.677	5.7	18.7
3 22	12 18.62	− 1 7.9	1.675	2.670	1.2	18.3
4 1	12 9.68	− 0 3.7	1.671	2.663	3.5	18.5
4 11	12 1.39	+ 0 55.2	1.696	2.655	7.9	18.7
4 21	11 54.64	+ 1 42.9	1.746	2.646	11.9	18.9
5 1	11 50.06	+ 2 15.3	1.818	2.638	15.4	19.2

20452 1999 KG_{4} 3 24.8 269.°29 3.°1/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.89	+ 2 4.7	1.691	2.552	13.5	18.1
3 2	12 34.24	+ 3 21.1	1.599	2.529	9.8	17.8
3 12	12 27.28	+ 4 49.9	1.531	2.505	5.7	17.5
3 22	12 18.68	+ 6 23.3	1.490	2.481	3.1	17.3
4 1	12 9.47	+ 7 51.6	1.478	2.457	6.0	17.4
4 11	12 0.83	+ 9 5.6	1.492	2.432	10.4	17.6
4 21	11 53.79	+ 9 58.7	1.529	2.407	14.7	17.8
5 1	11 49.12	+10 27.8	1.587	2.381	18.3	17.9

83883 2001 UQ_{123} 3 24.8 241.°50 8.°2/15.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.81	+21 13.9	2.071	2.921	11.8	20.0
3 2	12 36.67	+22 32.6	2.003	2.907	9.7	19.9
3 12	12 28.46	+23 43.1	1.960	2.892	8.3	19.7
3 22	12 18.91	+24 36.9	1.944	2.876	8.6	19.7
4 1	12 9.01	+25 7.2	1.955	2.860	10.3	19.8
4 11	11 59.82	+25 10.4	1.990	2.843	12.7	19.9
4 21	11 52.22	+24 47.0	2.047	2.826	15.2	20.1
5 1	11 46.82	+23 59.6	2.122	2.808	17.4	20.2

326368 2000 WE_{63} 3 24.9 229.°08 9.°0/12.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.28	+30 15.5	2.612	3.426	10.8	21.0
3 2	12 39.59	+31 22.7	2.549	3.410	9.6	20.9
3 12	12 30.01	+32 16.2	2.512	3.394	9.0	20.9
3 22	12 19.25	+32 49.0	2.501	3.376	9.4	20.9
4 1	12 8.24	+32 56.4	2.516	3.358	10.6	20.9
4 11	11 57.95	+32 37.0	2.556	3.339	12.3	21.0
4 21	11 49.18	+31 52.4	2.618	3.319	14.0	21.1
5 1	11 42.48	+30 46.1	2.697	3.298	15.6	21.2

3991 Basilevsky 3 24.9 286.°34 3.°2/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.05	−10 42.2	1.434	2.266	17.0	16.6
3 2	12 35.54	−10 42.6	1.340	2.246	13.3	16.3
3 12	12 28.27	−10 21.1	1.267	2.226	8.8	16.0
3 22	12 18.96	− 9 38.9	1.217	2.206	4.3	15.6
4 1	12 8.81	− 8 40.7	1.194	2.186	4.2	15.6
4 11	11 59.30	− 7 35.2	1.195	2.166	9.0	15.8
4 21	11 51.71	− 6 32.0	1.221	2.145	14.0	16.0
5 1	11 46.97	− 5 39.7	1.266	2.125	18.5	16.2

500299 2012 QC_{22} 3 24.9 206.°77 1.°3/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.65	− 1 19.6	2.523	3.364	10.2	22.2
3 2	12 31.08	− 0 7.1	2.438	3.359	7.4	22.0
3 12	12 25.07	+ 1 15.0	2.381	3.353	4.1	21.8
3 22	12 18.15	+ 2 41.7	2.353	3.347	1.4	21.6
4 1	12 10.98	+ 4 6.7	2.355	3.340	3.5	21.7
4 11	12 4.28	+ 5 24.1	2.388	3.333	6.8	21.9
4 21	11 58.64	+ 6 29.0	2.448	3.326	9.8	22.1
5 1	11 54.55	+ 7 18.4	2.531	3.318	12.5	22.3

370084 2001 SY_{167} 3 24.9 210.°88 1.°6/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.43	− 0 57.8	2.178	3.023	11.5	21.6
3 2	12 32.58	+ 0 17.0	2.094	3.017	8.3	21.4
3 12	12 26.03	+ 1 42.8	2.037	3.010	4.7	21.1
3 22	12 18.38	+ 3 13.6	2.008	3.002	1.7	20.9
4 1	12 10.41	+ 4 42.2	2.010	2.994	4.0	21.1
4 11	12 2.99	+ 6 1.4	2.040	2.985	7.8	21.3
4 21	11 56.84	+ 7 5.8	2.097	2.976	11.2	21.5
5 1	11 52.51	+ 7 52.2	2.177	2.966	14.1	21.7

102425 1999 TN_{194} 3 24.9 241.°05 4.°0/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.97	−14 30.8	1.922	2.718	14.7	20.3
3 2	12 35.59	−14 33.4	1.823	2.704	11.7	20.1
3 12	12 28.00	−14 16.2	1.746	2.690	8.3	19.8
3 22	12 18.86	−13 39.5	1.696	2.675	5.0	19.6
4 1	12 9.16	−12 46.8	1.673	2.659	4.3	19.5
4 11	11 59.99	−11 44.2	1.678	2.643	7.3	19.7
4 21	11 52.34	−10 39.4	1.709	2.627	11.1	19.9
5 1	11 46.94	− 9 39.6	1.764	2.609	14.7	20.0

303367 2004 VE_{23} 3 24.9 175.°74 1.°3/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.50	− 8 27.7	2.016	2.834	13.4	21.5
3 2	12 35.63	− 7 56.6	1.935	2.837	10.0	21.2
3 12	12 27.83	− 7 9.7	1.878	2.840	6.2	21.0
3 22	12 18.79	− 6 10.7	1.849	2.842	2.3	20.8
4 1	12 9.44	− 5 4.9	1.850	2.842	2.9	20.8
4 11	12 0.77	− 3 59.4	1.879	2.842	6.9	21.1
4 21	11 53.60	− 3 0.4	1.936	2.842	10.7	21.3
5 1	11 48.50	− 2 12.9	2.016	2.840	13.9	21.5

345536 2006 QE_{77} 3 24.9 186.°98 0.°7/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.67	− 2 48.8	2.772	3.606	9.6	21.5
3 2	12 30.24	− 1 43.4	2.689	3.606	6.9	21.3
3 12	12 24.54	− 0 28.6	2.634	3.605	3.9	21.1
3 22	12 18.04	+ 0 51.0	2.608	3.604	0.9	20.9
4 1	12 11.35	+ 2 10.3	2.614	3.602	2.8	21.1
4 11	12 5.09	+ 3 23.9	2.650	3.600	5.9	21.3
4 21	11 59.80	+ 4 27.3	2.713	3.597	8.8	21.4
5 1	11 55.90	+ 5 17.7	2.801	3.594	11.2	21.6

480481 2015 LV_{22} 3 24.9 301.°13 8.°0/14.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.91	+22 27.0	2.224	3.078	10.9	20.4
3 2	12 32.97	+23 42.7	2.162	3.065	9.1	20.2
3 12	12 26.27	+24 49.4	2.125	3.052	8.1	20.1
3 22	12 18.45	+25 39.7	2.115	3.039	8.4	20.1
4 1	12 10.36	+26 7.9	2.130	3.027	10.0	20.2
4 11	12 2.91	+26 10.9	2.170	3.014	12.1	20.3
4 21	11 56.85	+25 49.0	2.230	3.002	14.3	20.4
5 1	11 52.70	+25 4.5	2.309	2.990	16.2	20.6

196903 2003 TA_{16} 3 24.9 163.°88 3.°3/21.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.20	+ 7 51.6	2.404	3.255	10.3	21.2
3 2	12 34.34	+ 8 32.1	2.336	3.260	7.5	21.0
3 12	12 26.93	+ 9 13.5	2.295	3.264	4.7	20.9
3 22	12 18.58	+ 9 51.1	2.283	3.267	3.3	20.8
4 1	12 10.05	+10 20.0	2.301	3.270	5.1	20.9
4 11	12 2.15	+10 36.5	2.347	3.273	7.9	21.1
4 21	11 55.50	+10 39.0	2.420	3.275	10.7	21.3
5 1	11 50.59	+10 26.9	2.514	3.277	13.2	21.4

93236 2000 SR_{149} 3 24.9 117.°46 0.°2/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.14	− 5 10.8	2.187	3.016	12.0	20.2
3 2	12 33.66	− 4 33.2	2.122	3.033	8.8	20.0
3 12	12 26.55	− 3 44.2	2.083	3.050	5.1	19.8
3 22	12 18.49	− 2 47.9	2.071	3.066	1.3	19.6
4 1	12 10.30	− 1 49.7	2.090	3.082	2.7	19.7
4 11	12 2.79	− 0 55.5	2.138	3.097	6.4	20.0
4 21	11 56.65	− 0 9.9	2.213	3.112	9.8	20.2
5 1	11 52.33	+ 0 23.8	2.311	3.126	12.6	20.4

263889 2009 FB_3 3 24.9 300.°15 1.°8/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.99	− 0 0.5	2.113	2.967	11.4	20.6
3 2	12 30.19	+ 1 7.2	2.024	2.951	8.2	20.4
3 12	12 24.71	+ 2 25.5	1.961	2.935	4.7	20.1
3 22	12 18.11	+ 3 48.6	1.926	2.920	1.8	19.9
4 1	12 11.16	+ 5 9.4	1.920	2.904	4.2	20.0
4 11	12 4.70	+ 6 20.8	1.942	2.888	8.0	20.2
4 21	11 59.45	+ 7 17.4	1.989	2.873	11.5	20.4
5 1	11 55.99	+ 7 56.2	2.058	2.858	14.5	20.6

204962 5057 $T\text{-}_2$ 3 24.9 218.°37 3.°8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.70	−13 43.1	1.785	2.589	15.4	21.3
3 2	12 36.19	−13 41.1	1.695	2.582	12.1	21.0
3 12	12 28.37	−13 18.2	1.626	2.574	8.4	20.8
3 22	12 18.97	−12 35.5	1.583	2.566	4.8	20.6
4 1	12 9.04	−11 37.2	1.568	2.557	4.2	20.5
4 11	11 59.76	−10 30.3	1.581	2.547	7.6	20.7
4 21	11 52.15	− 9 23.0	1.619	2.537	11.6	20.9
5 1	11 46.94	− 8 22.9	1.680	2.527	15.2	21.1

400574 2008 YE_{16} 3 24.9 130.°59 4.°8/20.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.58	+ 7 10.5	1.615	2.481	13.7	21.4
3 2	12 35.92	+ 8 29.5	1.560	2.491	10.0	21.2
3 12	12 28.05	+ 9 51.8	1.530	2.501	6.3	21.0
3 22	12 18.86	+11 8.4	1.527	2.510	4.8	20.9
4 1	12 9.46	+12 10.3	1.551	2.519	7.3	21.1
4 11	12 1.04	+12 51.3	1.602	2.527	11.0	21.3
4 21	11 54.47	+13 8.8	1.675	2.535	14.5	21.6
5 1	11 50.31	+13 3.4	1.767	2.543	17.5	21.8

172096 2002 EP_{90} 3 24.9 258.°04 0.°5/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.65	− 2 9.2	1.791	2.633	13.7	20.2
3 2	12 36.92	− 1 46.0	1.693	2.612	10.1	19.9
3 12	12 28.85	− 1 11.0	1.620	2.591	5.9	19.6
3 22	12 19.10	− 0 28.4	1.574	2.569	1.3	19.2
4 1	12 8.70	+ 0 15.8	1.556	2.547	3.8	19.3
4 11	11 58.86	+ 0 55.1	1.566	2.524	8.5	19.6
4 21	11 50.61	+ 1 23.9	1.602	2.500	12.9	19.8
5 1	11 44.74	+ 1 38.2	1.658	2.476	16.7	20.0

420822 2013 HM_{101} 3 24.9 258.°63 0.°8/25.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.89	− 7 13.8	1.853	2.682	13.9	23.2
3 2	12 34.86	− 6 34.4	1.750	2.660	10.4	22.9
3 12	12 27.63	− 5 37.2	1.671	2.636	6.4	22.6
3 22	12 18.82	− 4 25.7	1.618	2.612	1.9	22.3
4 1	12 9.38	− 3 6.3	1.595	2.587	3.2	22.3
4 11	12 0.44	− 1 47.2	1.599	2.562	7.9	22.5
4 21	11 52.97	− 0 36.4	1.630	2.536	12.3	22.7
5 1	11 47.74	+ 0 20.0	1.682	2.509	16.1	22.9

30492 2000 QQ_{40} 3 24.9 79.°00 0.°5/24.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.70	− 2 35.7	2.262	3.102	11.3	18.7
3 2	12 31.84	− 1 56.9	2.201	3.120	8.2	18.6
3 12	12 25.49	− 1 9.3	2.166	3.137	4.6	18.4
3 22	12 18.26	− 0 17.1	2.159	3.155	1.0	18.1
4 1	12 10.92	+ 0 34.6	2.182	3.172	2.9	18.3
4 11	12 4.23	+ 1 20.5	2.233	3.190	6.4	18.6
4 21	11 58.80	+ 1 56.9	2.311	3.207	9.6	18.8
5 1	11 55.05	+ 2 21.0	2.412	3.224	12.3	19.0

437215 2012 WV_{17} 3 24.9 166.°07 3.°8/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.44	−16 10.4	2.388	3.171	12.6	21.1
3 2	12 31.80	−16 5.7	2.301	3.172	10.0	21.0
3 12	12 25.56	−15 43.6	2.237	3.173	7.2	20.8
3 22	12 18.30	−15 5.4	2.200	3.174	4.6	20.6
4 1	12 10.77	−14 14.0	2.191	3.174	3.9	20.6
4 11	12 3.76	−13 14.8	2.211	3.175	5.9	20.7
4 21	11 57.94	−12 13.4	2.258	3.175	8.8	20.9
5 1	11 53.83	−11 15.7	2.329	3.176	11.5	21.1

410365 2007 VY_{81} 3 24.9 86.°02 1.°6/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.24	− 0 11.1	1.538	2.393	14.9	21.5
3 2	12 36.40	+ 0 28.4	1.484	2.410	10.7	21.2
3 12	12 28.32	+ 1 17.8	1.454	2.428	6.1	21.0
3 22	12 18.91	+ 2 10.7	1.450	2.445	1.8	20.8
4 1	12 9.37	+ 2 59.5	1.474	2.462	4.5	21.0
4 11	12 0.88	+ 3 37.5	1.525	2.479	9.0	21.3
4 21	11 54.34	+ 4 0.4	1.599	2.496	13.0	21.6
5 1	11 50.28	+ 4 6.3	1.695	2.513	16.4	21.8

33278 1998 HR_{119} 3 24.9 197.°52 3.°9/19.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.75	+11 55.2	2.961	3.814	8.5	18.8
3 2	12 31.68	+12 48.2	2.890	3.811	6.3	18.6
3 12	12 25.35	+13 40.0	2.847	3.807	4.5	18.5
3 22	12 18.25	+14 26.1	2.833	3.803	4.0	18.4
4 1	12 10.97	+15 2.2	2.849	3.799	5.4	18.5
4 11	12 4.14	+15 25.2	2.894	3.794	7.6	18.6
4 21	11 58.29	+15 33.7	2.963	3.789	9.8	18.8
5 1	11 53.81	+15 27.6	3.055	3.783	11.8	18.9

4943 Lac d′Orient 3 24.9 166.°72 4.°4/30.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.42	−18 59.2	2.330	3.095	13.4	18.1
3 2	12 33.27	−18 46.7	2.243	3.100	10.8	17.9
3 12	12 26.42	−18 14.0	2.179	3.104	8.0	17.7
3 22	12 18.51	−17 22.0	2.140	3.107	5.4	17.6
4 1	12 10.32	−16 14.2	2.131	3.110	4.5	17.5
4 11	12 2.71	−14 56.6	2.150	3.112	6.2	17.6
4 21	11 56.39	−13 36.0	2.197	3.114	9.0	17.8
5 1	11 51.90	−12 19.1	2.269	3.115	11.8	18.0

217061 2001 RE_{119} 3 24.9 198.°36 2.°4/22.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.50	+ 1 53.5	1.974	2.828	12.1	21.3
3 2	12 33.49	+ 2 56.3	1.899	2.826	8.7	21.0
3 12	12 26.62	+ 4 7.3	1.850	2.823	5.0	20.8
3 22	12 18.56	+ 5 20.3	1.828	2.820	2.4	20.6
4 1	12 10.21	+ 6 27.9	1.836	2.817	4.8	20.8
4 11	12 2.50	+ 7 23.6	1.871	2.813	8.5	21.0
4 21	11 56.23	+ 8 3.1	1.932	2.809	12.1	21.2
5 1	11 51.96	+ 8 24.1	2.013	2.805	15.1	21.4

466523 2014 QC_{409} 3 24.9 87.°49 1.°0/23.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.92	− 1 1.9	1.760	2.606	13.7	21.3
3 2	12 35.92	− 0 29.2	1.706	2.628	9.9	21.1
3 12	12 27.94	+ 0 12.7	1.677	2.649	5.6	20.9
3 22	12 18.83	+ 0 58.6	1.675	2.670	1.4	20.6
4 1	12 9.63	+ 1 42.2	1.702	2.691	3.8	20.9
4 11	12 1.37	+ 2 17.6	1.756	2.711	8.0	21.2
4 21	11 54.84	+ 2 40.9	1.836	2.731	11.7	21.4
5 1	11 50.54	+ 2 49.9	1.937	2.751	14.8	21.7

157383 2004 TV_{170} 3 24.9 299.°21 5.°5/20.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.69	+11 56.0	1.774	2.637	12.8	19.3
3 2	12 36.75	+12 33.4	1.703	2.628	9.6	19.1
3 12	12 28.59	+13 8.5	1.656	2.620	6.6	18.9
3 22	12 19.02	+13 34.3	1.635	2.612	5.5	18.8
4 1	12 9.10	+13 44.5	1.642	2.604	7.6	18.9
4 11	11 59.99	+13 35.2	1.675	2.596	10.9	19.1
4 21	11 52.62	+13 5.8	1.732	2.588	14.3	19.3
5 1	11 47.61	+12 17.5	1.808	2.580	17.2	19.5

136633 1994 SH_6 3 24.9 29.°24 0.°9/23.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.21	− 0 23.7	2.134	2.982	11.6	19.9
3 2	12 32.38	+ 0 0.5	2.063	2.985	8.4	19.7
3 12	12 25.90	+ 0 32.3	2.017	2.989	4.8	19.5
3 22	12 18.39	+ 1 7.5	1.998	2.993	1.2	19.3
4 1	12 10.66	+ 1 41.4	2.008	2.997	3.3	19.4
4 11	12 3.56	+ 2 9.1	2.047	3.002	7.0	19.7
4 21	11 57.77	+ 2 27.1	2.111	3.006	10.4	19.9
5 1	11 53.79	+ 2 33.3	2.197	3.011	13.3	20.1

73558 2567 *P–L* 3 24.9 152.°38 0.°3/24.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.35	− 2 54.7	2.172	3.010	11.8	19.3
3 2	12 33.20	− 2 25.3	2.096	3.013	8.6	19.1
3 12	12 26.37	− 1 46.1	2.046	3.017	5.0	18.9
3 22	12 18.50	− 1 1.1	2.024	3.020	1.1	18.6
4 1	12 10.39	− 0 15.3	2.032	3.023	3.0	18.7
4 11	12 2.89	+ 0 26.0	2.068	3.025	6.8	19.0
4 21	11 56.71	+ 0 58.5	2.130	3.028	10.2	19.2
5 1	11 52.36	+ 1 19.2	2.215	3.030	13.1	19.4

313728 2003 UH_{173} 3 24.9 232.°09 2.°1/26.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.25	−10 12.6	1.768	2.591	14.7	21.1
3 2	12 34.36	− 9 45.2	1.680	2.583	11.3	20.9
3 12	12 27.29	− 8 58.2	1.615	2.574	7.2	20.6
3 22	12 18.75	− 7 54.6	1.575	2.566	3.1	20.3
4 1	12 9.74	− 6 40.5	1.564	2.557	3.2	20.3
4 11	12 1.38	− 5 23.8	1.580	2.547	7.5	20.6
4 21	11 54.63	− 4 12.9	1.622	2.538	11.7	20.8
5 1	11 50.16	− 3 14.1	1.687	2.528	15.4	21.0

81043 2000 EW_{58} 3 24.9 220.°53 0.°7/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.22	− 3 19.2	1.952	2.794	12.7	19.9
3 2	12 33.37	− 2 21.8	1.868	2.787	9.3	19.7
3 12	12 26.60	− 1 11.0	1.809	2.780	5.3	19.4
3 22	12 18.58	+ 0 7.9	1.777	2.772	1.2	19.1
4 1	12 10.19	+ 1 27.6	1.774	2.764	3.6	19.3
4 11	12 2.41	+ 2 40.5	1.800	2.755	7.8	19.5
4 21	11 56.05	+ 3 40.5	1.852	2.746	11.7	19.7
5 1	11 51.72	+ 4 23.6	1.925	2.736	15.0	19.9

237626 2001 RX_{103} 3 24.9 161.°62 1.°6/23.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 44.05	+ 0 27.1	1.767	2.613	13.7	21.3
3 2	12 37.64	+ 1 4.4	1.698	2.620	9.9	21.1
3 12	12 29.06	+ 1 50.7	1.653	2.626	5.6	20.8
3 22	12 19.13	+ 2 40.1	1.636	2.631	1.8	20.6
4 1	12 8.91	+ 3 26.0	1.648	2.635	4.3	20.8
4 11	11 59.55	+ 4 2.3	1.688	2.639	8.6	21.0
4 21	11 51.95	+ 4 24.7	1.753	2.641	12.5	21.3
5 1	11 46.71	+ 4 31.1	1.840	2.644	15.8	21.5

57066 2001 NS_8 3 24.9 153.°03 2.°1/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.92	− 9 10.2	1.726	2.546	15.2	20.4
3 2	12 37.66	− 9 0.4	1.653	2.554	11.5	20.1
3 12	12 29.13	− 8 33.3	1.602	2.562	7.3	19.9
3 22	12 19.15	− 7 51.7	1.578	2.569	3.1	19.7
4 1	12 8.84	− 7 1.0	1.582	2.575	3.3	19.7
4 11	11 59.38	− 6 8.3	1.615	2.580	7.6	19.9
4 21	11 51.74	− 5 20.4	1.673	2.585	11.7	20.2
5 1	11 46.53	− 4 42.8	1.754	2.589	15.2	20.4

68730 Straizys 3 24.9 0.°25 1.°0/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.29	− 1 36.0	1.317	2.187	15.9	19.4
3 2	12 31.85	− 1 5.9	1.251	2.184	11.6	19.1
3 12	12 25.95	− 0 22.2	1.207	2.183	6.6	18.8
3 22	12 18.45	+ 0 29.1	1.187	2.182	1.5	18.5
4 1	12 10.55	+ 1 19.6	1.192	2.183	4.5	18.7
4 11	12 3.57	+ 2 0.8	1.221	2.185	9.6	19.0
4 21	11 58.54	+ 2 26.6	1.273	2.188	14.3	19.2
5 1	11 56.13	+ 2 33.8	1.343	2.193	18.2	19.5

348856 2006 SQ_{128} 3 24.9 150.°94 4.°6/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.18	−22 26.5	2.967	3.700	11.5	21.7
3 2	12 31.34	−22 17.2	2.879	3.709	9.5	21.6
3 12	12 25.19	−21 50.2	2.814	3.716	7.4	21.4
3 22	12 18.23	−21 6.1	2.775	3.724	5.4	21.3
4 1	12 11.09	−20 7.5	2.765	3.731	4.6	21.3
4 11	12 4.41	−18 58.5	2.784	3.737	5.5	21.3
4 21	11 58.74	−17 44.5	2.831	3.743	7.4	21.5
5 1	11 54.51	−16 30.9	2.905	3.749	9.6	21.6

33505 1999 GZ_{21} 3 24.9 42.°84 5.°8/21.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 45.00	+10 14.9	1.333	2.204	15.7	18.6
3 2	12 38.83	+10 54.5	1.277	2.209	11.6	18.4
3 12	12 29.93	+11 32.6	1.244	2.213	7.6	18.1
3 22	12 19.33	+12 0.6	1.236	2.218	5.8	18.1
4 1	12 8.48	+12 10.8	1.253	2.223	8.3	18.2
4 11	11 58.85	+11 58.6	1.295	2.229	12.3	18.4
4 21	11 51.53	+11 24.0	1.359	2.234	16.3	18.7
5 1	11 47.16	+10 29.1	1.441	2.240	19.7	18.9

73172 2002 HG_2 3 24.9 280.°28 2.°8/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.58	+ 2 34.6	1.497	2.362	14.7	19.8
3 2	12 35.58	+ 3 19.9	1.422	2.353	10.7	19.5
3 12	12 28.10	+ 4 14.3	1.369	2.344	6.2	19.2
3 22	12 18.95	+ 5 10.8	1.342	2.335	2.8	19.0
4 1	12 9.30	+ 6 0.8	1.342	2.326	5.7	19.1
4 11	12 0.48	+ 6 36.7	1.368	2.317	10.4	19.4
4 21	11 53.55	+ 6 54.0	1.416	2.308	14.7	19.6
5 1	11 49.23	+ 6 50.7	1.484	2.299	18.5	19.8

138748 2000 SU_{246} 3 24.9 66.°83 2.°2/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.97	+ 3 34.8	2.202	3.055	11.1	19.2
3 2	12 32.84	+ 4 7.5	2.139	3.064	7.9	19.0
3 12	12 26.11	+ 4 44.5	2.101	3.074	4.6	18.8
3 22	12 18.45	+ 5 21.0	2.092	3.084	2.2	18.7
4 1	12 10.62	+ 5 52.1	2.112	3.094	4.2	18.9
4 11	12 3.46	+ 6 13.6	2.160	3.104	7.5	19.1
4 21	11 57.60	+ 6 23.0	2.234	3.114	10.6	19.3
5 1	11 53.52	+ 6 19.1	2.330	3.124	13.2	19.5

241670 2000 PH_{12} 3 24.9 218.°42 5.°8/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.42	−20 54.5	2.317	3.066	13.9	21.1
3 2	12 35.66	−21 20.8	2.217	3.058	11.6	20.9
3 12	12 27.95	−21 27.6	2.140	3.049	9.0	20.7
3 22	12 18.91	−21 13.9	2.088	3.040	6.7	20.5
4 1	12 9.39	−20 40.9	2.064	3.030	5.9	20.4
4 11	12 0.34	−19 52.7	2.068	3.020	7.2	20.5
4 21	11 52.62	−18 55.4	2.099	3.009	9.7	20.6
5 1	11 46.87	−17 56.0	2.155	2.998	12.5	20.8

87736 2000 SG_{60} 3 24.9 184.°87 0.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.46	− 4 44.3	2.126	2.958	12.2	20.2
3 2	12 34.09	− 4 19.0	2.046	2.958	9.0	20.0
3 12	12 26.94	− 3 42.1	1.990	2.958	5.3	19.8
3 22	12 18.66	− 2 57.4	1.962	2.957	1.3	19.5
4 1	12 10.08	− 2 9.7	1.964	2.956	2.8	19.6
4 11	12 2.12	− 1 24.8	1.994	2.955	6.7	19.9
4 21	11 55.51	− 0 47.3	2.051	2.953	10.3	20.1
5 1	11 50.81	− 0 21.0	2.131	2.951	13.4	20.3

182309 2001 OV_{41} 3 24.9 188.°41 2.°1/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.80	+ 3 1.9	2.424	3.267	10.5	21.0
3 2	12 34.85	+ 3 44.9	2.345	3.266	7.6	20.8
3 12	12 27.29	+ 4 33.0	2.293	3.264	4.4	20.6
3 22	12 18.73	+ 5 21.6	2.270	3.262	2.1	20.4
4 1	12 9.92	+ 6 5.5	2.278	3.259	4.1	20.5
4 11	12 1.67	+ 6 40.2	2.316	3.255	7.3	20.7
4 21	11 54.65	+ 7 2.7	2.380	3.250	10.4	20.9
5 1	11 49.36	+ 7 11.4	2.467	3.245	13.0	21.1

162925 2001 OG_{33} 3 24.9 164.°69 3.°6/20.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.04	+ 9 56.1	2.774	3.625	9.1	20.2
3 2	12 32.64	+10 46.5	2.708	3.631	6.6	20.1
3 12	12 25.92	+11 36.6	2.671	3.635	4.4	19.9
3 22	12 18.41	+12 21.7	2.662	3.639	3.6	19.9
4 1	12 10.75	+12 57.5	2.684	3.643	5.2	20.0
4 11	12 3.61	+13 20.7	2.734	3.646	7.6	20.1
4 21	11 57.54	+13 29.7	2.810	3.649	9.9	20.3
5 1	11 52.95	+13 24.2	2.908	3.651	12.0	20.5

181066 2005 QC_6 3 24.9 216.°37 1.°6/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.58	+ 0 55.6	2.743	3.589	9.4	20.6
3 2	12 30.23	+ 1 57.5	2.660	3.582	6.7	20.4
3 12	12 24.59	+ 3 6.3	2.603	3.576	3.8	20.2
3 22	12 18.12	+ 4 17.4	2.577	3.569	1.6	20.0
4 1	12 11.43	+ 5 25.7	2.580	3.562	3.5	20.2
4 11	12 5.15	+ 6 26.1	2.613	3.555	6.5	20.3
4 21	11 59.85	+ 7 15.1	2.674	3.547	9.3	20.5
5 1	11 55.94	+ 7 50.2	2.757	3.539	11.7	20.7

268997 2007 EJ_{105} 3 24.9 267.°30 0.°1/24.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.67	− 3 10.6	1.923	2.764	13.0	21.1
3 2	12 34.54	− 2 50.0	1.832	2.749	9.6	20.8
3 12	12 27.36	− 2 18.0	1.765	2.735	5.6	20.6
3 22	12 18.78	− 1 38.3	1.725	2.721	1.3	20.2
4 1	12 9.74	− 0 56.2	1.714	2.706	3.3	20.4
4 11	12 1.27	− 0 17.7	1.731	2.691	7.6	20.6
4 21	11 54.24	+ 0 12.0	1.773	2.676	11.6	20.8
5 1	11 49.34	+ 0 29.2	1.838	2.661	15.1	21.0

273845 2007 GG_{42} 3 24.9 5.°37 1.°6/23.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.61	+ 0 53.1	1.594	2.453	14.2	20.5
3 2	12 34.65	+ 1 16.0	1.525	2.453	10.3	20.2
3 12	12 27.43	+ 1 47.5	1.479	2.454	5.9	20.0
3 22	12 18.79	+ 2 22.2	1.460	2.454	1.8	19.7
4 1	12 9.81	+ 2 53.6	1.467	2.456	4.4	19.9
4 11	12 1.68	+ 3 15.7	1.501	2.457	8.9	20.1
4 21	11 55.32	+ 3 24.4	1.559	2.459	13.1	20.4
5 1	11 51.37	+ 3 17.8	1.637	2.462	16.6	20.6

523072 2016 QW_{92} 3 24.9 310.°57 3.°6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.31	−13 20.7	2.064	2.868	13.6	20.9
3 2	12 32.75	−13 30.8	1.970	2.856	10.7	20.7
3 12	12 26.30	−13 23.9	1.899	2.845	7.5	20.5
3 22	12 18.55	−13 1.0	1.854	2.834	4.5	20.3
4 1	12 10.36	−12 24.9	1.836	2.823	3.9	20.2
4 11	12 2.68	−11 40.8	1.846	2.813	6.7	20.4
4 21	11 56.34	−10 54.5	1.882	2.802	10.1	20.6
5 1	11 51.97	−10 12.2	1.942	2.792	13.3	20.7

473619 2015 XO_{279} 3 24.9 211.°80 0.°7/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 29.66	− 7 20.5	4.641	5.451	6.5	21.8
3 2	12 26.24	− 6 59.7	4.551	5.449	4.8	21.7
3 12	12 22.11	− 6 32.8	4.487	5.447	3.0	21.5
3 22	12 17.55	− 6 1.3	4.454	5.445	1.1	21.4
4 1	12 12.88	− 5 27.2	4.451	5.443	1.3	21.4
4 11	12 8.43	− 4 52.8	4.478	5.441	3.2	21.6
4 21	12 4.52	− 4 20.4	4.535	5.439	5.1	21.7
5 1	12 1.39	− 3 51.9	4.618	5.437	6.7	21.8

425929 2011 GS_{46} 3 24.9 297.°97 6.°6/30.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.60	−18 41.7	1.799	2.579	16.2	20.3
3 2	12 35.59	−19 26.9	1.701	2.564	13.4	20.1
3 12	12 28.18	−19 51.2	1.625	2.548	10.3	19.8
3 22	12 19.02	−19 52.5	1.572	2.533	7.6	19.6
4 1	12 9.15	−19 31.4	1.546	2.518	6.7	19.6
4 11	11 59.80	−18 52.4	1.545	2.503	8.6	19.6
4 21	11 52.07	−18 2.5	1.570	2.489	11.8	19.8
5 1	11 46.80	−17 10.2	1.616	2.474	15.2	19.9

274423 2008 SP_{17} 3 24.9 164.°93 2.°5/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.04	−10 33.9	1.977	2.792	13.7	21.0
3 2	12 33.95	−10 28.6	1.895	2.792	10.5	20.8
3 12	12 26.94	−10 7.1	1.838	2.793	6.9	20.6
3 22	12 18.69	− 9 31.5	1.806	2.794	3.4	20.3
4 1	12 10.10	− 8 46.0	1.803	2.795	3.2	20.3
4 11	12 2.15	− 7 56.7	1.829	2.795	6.7	20.5
4 21	11 55.67	− 7 9.5	1.880	2.796	10.3	20.8
5 1	11 51.23	− 6 29.9	1.954	2.796	13.6	21.0

498836 2008 WZ_{35} 3 24.9 173.°41 0.°4/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.51	− 5 20.5	2.238	3.069	11.7	21.9
3 2	12 32.59	− 4 49.1	2.159	3.070	8.7	21.7
3 12	12 26.05	− 4 6.1	2.104	3.072	5.1	21.5
3 22	12 18.47	− 3 15.1	2.078	3.072	1.3	21.2
4 1	12 10.64	− 2 21.1	2.081	3.073	2.6	21.3
4 11	12 3.38	− 1 29.6	2.113	3.074	6.4	21.6
4 21	11 57.38	− 0 45.6	2.171	3.074	9.8	21.8
5 1	11 53.14	− 0 12.6	2.253	3.074	12.7	22.0

148601 2001 RE_{55} 3 24.9 125.°58 0.°3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.23	− 4 57.3	2.012	2.844	12.8	21.5
3 2	12 34.62	− 4 25.0	1.945	2.857	9.4	21.3
3 12	12 27.22	− 3 40.5	1.902	2.870	5.5	21.1
3 22	12 18.73	− 2 48.2	1.888	2.882	1.4	20.9
4 1	12 10.05	− 1 53.6	1.902	2.894	2.9	21.0
4 11	12 2.11	− 1 2.9	1.945	2.906	6.9	21.3
4 21	11 55.65	− 0 21.0	2.015	2.916	10.5	21.5
5 1	11 51.19	+ 0 8.5	2.107	2.927	13.6	21.7

510378 2011 UF_{41} 3 24.9 220.°12 2.°0/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.73	−12 34.4	2.835	3.630	10.5	22.5
3 2	12 30.36	−11 58.8	2.738	3.623	8.1	22.4
3 12	12 24.68	−11 8.9	2.665	3.615	5.4	22.2
3 22	12 18.16	−10 6.9	2.621	3.606	2.7	22.0
4 1	12 11.39	− 8 56.6	2.607	3.598	2.4	21.9
4 11	12 5.02	− 7 43.2	2.623	3.589	5.0	22.1
4 21	11 59.61	− 6 31.7	2.668	3.579	7.9	22.3
5 1	11 55.58	− 5 26.8	2.738	3.569	10.4	22.4

422772 2001 UA_{183} 3 24.9 137.°47 3.°1/21.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.53	+ 6 8.0	2.341	3.191	10.6	22.2
3 2	12 34.57	+ 7 6.6	2.283	3.206	7.6	22.1
3 12	12 27.08	+ 8 7.7	2.252	3.221	4.6	21.9
3 22	12 18.69	+ 9 5.7	2.250	3.235	3.1	21.8
4 1	12 10.18	+ 9 54.9	2.278	3.249	5.0	22.0
4 11	12 2.35	+10 31.1	2.335	3.261	7.9	22.2
4 21	11 55.84	+10 52.1	2.418	3.273	10.8	22.4
5 1	11 51.08	+10 57.0	2.523	3.284	13.2	22.6

402483 2006 CA_{14} 3 24.9 247.°78 3.°2/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 42.46	−11 1.9	1.625	2.444	16.0	21.2
3 2	12 37.00	−11 8.0	1.534	2.432	12.4	20.9
3 12	12 29.01	−10 54.8	1.465	2.420	8.3	20.6
3 22	12 19.21	−10 23.5	1.421	2.408	4.3	20.4
4 1	12 8.76	− 9 38.1	1.404	2.395	4.0	20.3
4 11	11 58.97	− 8 45.6	1.414	2.382	8.2	20.5
4 21	11 50.99	− 7 54.0	1.449	2.368	12.6	20.7
5 1	11 45.62	− 7 10.5	1.506	2.354	16.6	20.9

165422 2000 YQ_{53} 3 24.9 130.°92 2.°2/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.84	−10 4.1	1.802	2.619	14.7	20.3
3 2	12 36.04	− 9 47.8	1.731	2.631	11.2	20.1
3 12	12 28.15	− 9 13.9	1.684	2.642	7.2	19.9
3 22	12 18.96	− 8 25.5	1.664	2.653	3.2	19.6
4 1	12 9.51	− 7 28.0	1.671	2.664	3.2	19.7
4 11	12 0.90	− 6 28.5	1.707	2.673	7.1	19.9
4 21	11 53.97	− 5 33.9	1.769	2.683	11.0	20.2
5 1	11 49.31	− 4 49.6	1.854	2.691	14.4	20.4

330666 2008 GQ_{90} 3 24.9 49.°20 0.°6/24.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.93	− 3 35.2	1.478	2.334	15.3	21.2
3 2	12 33.46	− 2 47.6	1.418	2.344	11.1	21.0
3 12	12 26.74	− 1 45.0	1.382	2.355	6.4	20.8
3 22	12 18.65	− 0 33.9	1.370	2.366	1.4	20.4
4 1	12 10.31	+ 0 37.0	1.386	2.377	4.0	20.7
4 11	12 2.93	+ 1 39.0	1.427	2.389	8.8	21.0
4 21	11 57.40	+ 2 25.9	1.493	2.401	13.1	21.2
5 1	11 54.30	+ 2 53.9	1.578	2.413	16.6	21.5

9572 1988 RS_6 3 24.9 230.°40 0.°1/24.9 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 42.14	− 4 49.7	1.840	2.673	13.8	19.8
3 2	12 36.46	− 4 10.6	1.746	2.660	10.2	19.6
3 12	12 28.55	− 3 16.3	1.676	2.645	6.0	19.3
3 22	12 19.10	− 2 11.2	1.634	2.629	1.4	19.0
4 1	12 9.09	− 1 2.1	1.621	2.613	3.4	19.1
4 11	11 59.68	+ 0 3.5	1.636	2.595	8.1	19.3
4 21	11 51.84	+ 0 58.6	1.677	2.577	12.4	19.5
5 1	11 46.29	+ 1 38.5	1.740	2.557	16.1	19.7

189168 2002 VF_{14} 3 24.9 227.°69 3.°3/22.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 44.25	+ 4 9.2	1.708	2.563	13.7	21.2
3 2	12 38.09	+ 5 1.0	1.625	2.551	10.0	20.9
3 12	12 29.53	+ 6 0.0	1.566	2.538	5.9	20.7
3 22	12 19.32	+ 6 59.2	1.534	2.525	3.3	20.5
4 1	12 8.58	+ 7 50.7	1.531	2.510	5.9	20.6
4 11	11 58.56	+ 8 27.4	1.555	2.495	10.2	20.8
4 21	11 50.31	+ 8 45.3	1.604	2.479	14.2	21.0
5 1	11 44.56	+ 8 42.9	1.672	2.462	17.8	21.2

16517 1990 WD 3 24.9 238.°63 4.°4/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 42.01	+ 6 58.3	1.790	2.650	12.9	18.3
3 2	12 36.38	+ 8 7.7	1.707	2.635	9.4	18.1
3 12	12 28.50	+ 9 22.3	1.650	2.620	6.0	17.8
3 22	12 19.09	+10 34.3	1.620	2.604	4.4	17.7
4 1	12 9.17	+11 35.0	1.618	2.587	6.9	17.8
4 11	11 59.93	+12 17.6	1.643	2.569	10.7	18.0
4 21	11 52.31	+12 38.4	1.692	2.551	14.4	18.2
5 1	11 47.04	+12 36.6	1.760	2.532	17.7	18.4

15612 2000 GV_{133} 3 24.9 303.°37 2.°1/22.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.64	+ 0 40.7	2.045	2.901	11.7	18.5
3 2	12 30.67	+ 1 53.8	1.968	2.896	8.4	18.3
3 12	12 25.01	+ 3 16.7	1.916	2.891	4.8	18.0
3 22	12 18.27	+ 4 42.8	1.893	2.886	2.1	17.8
4 1	12 11.24	+ 6 4.8	1.898	2.881	4.5	18.0
4 11	12 4.78	+ 7 15.5	1.932	2.876	8.2	18.2
4 21	11 59.61	+ 8 10.0	1.990	2.871	11.6	18.4
5 1	11 56.25	+ 8 45.6	2.070	2.866	14.6	18.6

317141 2001 UD_{130} 3 24.9 138.°18 3.°2/21.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.19	+ 7 37.9	2.359	3.213	10.4	20.8
3 2	12 33.68	+ 8 13.6	2.293	3.217	7.5	20.6
3 12	12 26.61	+ 8 50.4	2.252	3.221	4.7	20.4
3 22	12 18.61	+ 9 23.5	2.240	3.225	3.2	20.3
4 1	12 10.44	+ 9 48.3	2.257	3.229	5.0	20.4
4 11	12 2.88	+10 1.0	2.303	3.232	7.9	20.6
4 21	11 56.58	+10 0.1	2.374	3.235	10.7	20.8
5 1	11 52.00	+ 9 45.2	2.467	3.239	13.2	21.0

272881 2006 BY_{96} 3 24.9 261.°84 1.°9/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.25	+ 0 48.8	1.935	2.790	12.3	20.6
3 2	12 32.65	+ 1 41.3	1.858	2.785	8.9	20.4
3 12	12 26.20	+ 2 42.9	1.807	2.780	5.1	20.1
3 22	12 18.54	+ 3 47.7	1.782	2.776	2.0	19.9
4 1	12 10.57	+ 4 48.7	1.786	2.771	4.4	20.1
4 11	12 3.24	+ 5 39.6	1.818	2.766	8.3	20.3
4 21	11 57.32	+ 6 15.8	1.874	2.761	11.9	20.5
5 1	11 53.39	+ 6 34.7	1.952	2.757	15.0	20.7

247329 2001 UF_{59} 3 24.9 194.°25 0.°1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.87	− 3 43.9	2.629	3.459	10.2	21.3
3 2	12 31.94	− 3 14.7	2.545	3.458	7.5	21.1
3 12	12 25.61	− 2 36.6	2.487	3.455	4.4	20.9
3 22	12 18.40	− 1 52.8	2.458	3.453	1.0	20.6
4 1	12 10.96	− 1 7.5	2.459	3.450	2.5	20.7
4 11	12 3.98	− 0 25.1	2.489	3.447	5.8	20.9
4 21	11 58.05	+ 0 10.6	2.547	3.444	8.8	21.1
5 1	11 53.64	+ 0 36.6	2.629	3.440	11.4	21.3

223633 Rosnyaîné 3 24.9 208.°82 2.°2/21.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.13	+ 3 49.6	2.762	3.605	9.4	21.6
3 2	12 33.55	+ 4 44.5	2.675	3.596	6.8	21.4
3 12	12 26.54	+ 5 44.2	2.616	3.586	4.0	21.2
3 22	12 18.62	+ 6 44.1	2.586	3.576	2.2	21.1
4 1	12 10.43	+ 7 39.3	2.588	3.564	4.0	21.2
4 11	12 2.67	+ 8 25.1	2.620	3.552	6.9	21.4
4 21	11 55.94	+ 8 58.7	2.679	3.539	9.7	21.5
5 1	11 50.72	+ 9 18.3	2.761	3.525	12.1	21.7

213567 2002 LR_{52} 3 24.9 235.°69 3.°2/21.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.59	+ 3 43.6	2.026	2.880	11.8	21.0
3 2	12 34.40	+ 5 0.2	1.939	2.865	8.6	20.8
3 12	12 27.26	+ 6 25.0	1.877	2.849	5.1	20.6
3 22	12 18.82	+ 7 51.2	1.844	2.832	3.2	20.4
4 1	12 9.93	+ 9 10.6	1.840	2.815	5.6	20.5
4 11	12 1.59	+10 16.0	1.865	2.797	9.3	20.7
4 21	11 54.63	+11 2.8	1.914	2.778	12.8	20.9
5 1	11 49.69	+11 28.8	1.985	2.758	15.9	21.1

36545 2000 QM_{98} 3 24.9 163.°04 0.°2/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.63	− 3 1.3	1.856	2.692	13.6	19.2
3 2	12 37.32	− 2 38.9	1.782	2.698	9.9	19.0
3 12	12 28.91	− 2 5.5	1.733	2.703	5.8	18.7
3 22	12 19.18	− 1 25.1	1.712	2.707	1.3	18.4
4 1	12 9.15	− 0 43.4	1.719	2.711	3.3	18.6
4 11	11 59.91	− 0 6.4	1.756	2.714	7.7	18.8
4 21	11 52.33	+ 0 21.1	1.818	2.716	11.6	19.1
5 1	11 47.01	+ 0 36.0	1.902	2.718	14.9	19.3

104834 2000 HO_{67} 3 24.9 196.°21 0.°1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.79	− 4 10.5	2.241	3.076	11.6	20.3
3 2	12 32.10	− 3 37.3	2.160	3.075	8.5	20.1
3 12	12 25.79	− 2 53.3	2.106	3.075	4.9	19.9
3 22	12 18.47	− 2 2.2	2.079	3.074	1.1	19.6
4 1	12 10.88	− 1 9.2	2.081	3.073	2.8	19.7
4 11	12 3.84	− 0 19.8	2.112	3.071	6.5	20.0
4 21	11 58.04	+ 0 21.5	2.169	3.070	9.9	20.2
5 1	11 53.97	+ 0 51.1	2.250	3.069	12.8	20.4

496305 2013 EG_{106} 3 24.9 310.°75 4.°0/22.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.97	+ 4 29.4	1.260	2.137	16.0	21.1
3 2	12 35.77	+ 5 11.7	1.175	2.111	11.8	20.8
3 12	12 28.59	+ 6 3.0	1.111	2.086	7.1	20.4
3 22	12 19.21	+ 6 55.2	1.071	2.062	4.0	20.2
4 1	12 8.94	+ 7 38.1	1.055	2.038	7.2	20.3
4 11	11 59.42	+ 8 2.8	1.063	2.014	12.4	20.5
4 21	11 52.02	+ 8 3.9	1.092	1.991	17.5	20.7
5 1	11 47.72	+ 7 39.9	1.139	1.969	22.0	20.9

239890 Edudeldon 3 24.9 187.°73 0.°1/24.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.18	− 4 52.1	2.054	2.883	12.7	21.9
3 2	12 35.43	− 4 9.3	1.971	2.883	9.3	21.7
3 12	12 27.79	− 3 13.4	1.914	2.882	5.5	21.5
3 22	12 18.93	− 2 8.8	1.885	2.880	1.3	21.2
4 1	12 9.75	− 1 1.6	1.886	2.877	3.0	21.3
4 11	12 1.20	+ 0 1.4	1.916	2.874	7.2	21.5
4 21	11 54.09	+ 0 54.6	1.972	2.869	10.9	21.7
5 1	11 49.00	+ 1 34.0	2.052	2.864	14.1	21.9

311264 2005 EJ_{112} 3 24.9 25.°69 2.°1/23.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.99	− 0 25.7	1.361	2.228	15.7	20.3
3 2	12 33.75	+ 0 31.4	1.299	2.231	11.3	20.0
3 12	12 27.04	+ 1 41.8	1.260	2.235	6.4	19.7
3 22	12 18.78	+ 2 57.4	1.245	2.240	2.2	19.5
4 1	12 10.19	+ 4 8.4	1.257	2.244	5.2	19.7
4 11	12 2.57	+ 5 5.5	1.293	2.249	10.1	20.0
4 21	11 56.94	+ 5 43.0	1.353	2.255	14.6	20.2
5 1	11 53.92	+ 5 58.3	1.431	2.260	18.3	20.5

5703 Hevelius 3 24.9 112.°58 4.°7/20.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 44.84	+10 35.5	1.918	2.772	12.4	17.4
3 2	12 37.95	+11 15.2	1.865	2.788	9.1	17.2
3 12	12 29.14	+11 53.0	1.838	2.803	6.0	17.0
3 22	12 19.22	+12 22.6	1.840	2.818	4.7	17.0
4 1	12 9.21	+12 38.7	1.869	2.833	6.6	17.1
4 11	12 0.15	+12 38.0	1.927	2.847	9.7	17.3
4 21	11 52.81	+12 20.0	2.008	2.861	12.8	17.5
5 1	11 47.69	+11 45.6	2.111	2.874	15.4	17.8

158498 2002 EA_{47} 3 24.9 68.°13 0.°8/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.71	− 6 7.7	1.825	2.661	13.8	20.3
3 2	12 33.81	− 5 46.5	1.750	2.663	10.2	20.1
3 12	12 26.91	− 5 11.2	1.699	2.665	6.2	19.9
3 22	12 18.75	− 4 25.4	1.674	2.668	1.9	19.6
4 1	12 10.27	− 3 34.8	1.677	2.670	3.0	19.7
4 11	12 2.50	− 2 46.0	1.708	2.672	7.3	19.9
4 21	11 56.28	− 2 4.8	1.764	2.675	11.2	20.2
5 1	11 52.21	− 1 35.5	1.842	2.677	14.6	20.4

465996 2011 EO_{83} 3 24.9 90.°61 1.°0/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.18	− 5 8.9	1.878	2.708	13.7	21.1
3 2	12 36.91	− 5 13.9	1.812	2.721	10.2	20.9
3 12	12 28.63	− 5 7.4	1.769	2.734	6.1	20.7
3 22	12 19.12	− 4 52.2	1.754	2.748	2.0	20.4
4 1	12 9.39	− 4 32.3	1.768	2.760	2.9	20.5
4 11	12 0.49	− 4 12.7	1.810	2.773	7.0	20.8
4 21	11 53.24	− 3 57.7	1.878	2.786	10.8	21.1
5 1	11 48.20	− 3 51.0	1.969	2.798	14.0	21.3

430220 2013 VA_{9} 3 24.9 211.°87 17.°4/10.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 55.92	+36 13.9	1.286	2.109	19.1	20.8
3 2	12 47.50	+38 9.8	1.250	2.105	17.8	20.7
3 12	12 35.24	+39 34.0	1.234	2.100	17.4	20.7
3 22	12 20.65	+40 11.4	1.238	2.095	18.2	20.7
4 1	12 5.86	+39 53.8	1.261	2.089	19.8	20.8
4 11	11 53.05	+38 43.0	1.301	2.082	22.0	20.9
4 21	11 43.61	+36 47.8	1.356	2.075	24.2	21.1
5 1	11 38.16	+34 19.6	1.424	2.067	26.1	21.2

365460 2010 NM_{89} 3 24.9 272.°00 2.°4/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.46	+ 0 45.2	1.594	2.455	14.1	21.4
3 2	12 33.97	+ 1 48.5	1.514	2.444	10.2	21.1
3 12	12 27.19	+ 3 4.0	1.457	2.432	5.9	20.8
3 22	12 18.84	+ 4 24.3	1.427	2.420	2.5	20.6
4 1	12 10.01	+ 5 40.3	1.424	2.409	5.3	20.7
4 11	12 1.89	+ 6 43.2	1.448	2.397	9.9	20.9
4 21	11 55.48	+ 7 27.1	1.495	2.385	14.2	21.2
5 1	11 51.49	+ 7 48.8	1.561	2.373	17.9	21.4

327453 2005 WM_{161} 3 24.9 230.°11 0.°5/25.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.84	− 5 43.9	2.091	2.921	12.5	21.9
3 2	12 33.78	− 5 11.7	2.000	2.912	9.3	21.6
3 12	12 26.88	− 4 26.1	1.935	2.902	5.5	21.4
3 22	12 18.75	− 3 30.9	1.897	2.892	1.5	21.1
4 1	12 10.23	− 2 31.3	1.888	2.881	2.8	21.2
4 11	12 2.26	− 1 33.7	1.908	2.870	6.9	21.4
4 21	11 55.63	− 0 43.9	1.955	2.858	10.7	21.6
5 1	11 50.92	− 0 6.1	2.024	2.846	13.9	21.8

406322 2007 LP_{24} 3 24.9 238.°93 2.°2/22.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.79	+ 0 53.2	1.719	2.571	13.7	22.0
3 2	12 36.32	+ 1 46.8	1.632	2.558	10.0	21.7
3 12	12 28.54	+ 2 51.4	1.570	2.543	5.7	21.5
3 22	12 19.16	+ 4 0.6	1.534	2.528	2.3	21.2
4 1	12 9.24	+ 5 6.2	1.527	2.512	5.0	21.3
4 11	11 59.98	+ 6 0.4	1.548	2.495	9.5	21.6
4 21	11 52.39	+ 6 37.7	1.592	2.478	13.7	21.8
5 1	11 47.19	+ 6 55.2	1.658	2.460	17.3	22.0

49819 1999 XA_{59} 3 24.9 332.°95 0.°7/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.82	− 5 24.9	1.105	1.972	18.5	18.2
3 2	12 34.32	− 5 6.8	1.032	1.962	13.9	17.9
3 12	12 27.75	− 4 27.6	0.980	1.953	8.4	17.6
3 22	12 19.03	− 3 32.1	0.949	1.944	2.3	17.2
4 1	12 9.60	− 2 29.2	0.942	1.936	4.3	17.3
4 11	12 1.15	− 1 30.0	0.958	1.929	10.5	17.6
4 21	11 55.06	− 0 44.3	0.995	1.923	16.1	17.9
5 1	11 52.19	− 0 18.5	1.049	1.917	20.8	18.1

125890 2001 XD_{210} 3 24.9 8.°47 7.°5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 36.02	−23 25.6	1.627	2.396	18.1	19.3
3 2	12 32.28	−23 36.3	1.547	2.397	15.2	19.1
3 12	12 26.23	−23 16.8	1.486	2.398	12.0	18.9
3 22	12 18.64	−22 26.1	1.447	2.400	9.0	18.7
4 1	12 10.61	−21 7.4	1.432	2.402	7.5	18.6
4 11	12 3.37	−19 28.8	1.443	2.404	8.7	18.7
4 21	11 57.90	−17 41.3	1.478	2.407	11.7	18.9
5 1	11 54.89	−15 56.0	1.537	2.410	15.0	19.1

379688 2011 FW_{39} 3 24.9 197.°02 3.°1/21.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.89	+ 5 14.6	1.909	2.767	12.3	20.7
3 2	12 34.57	+ 5 55.4	1.839	2.767	8.9	20.5
3 12	12 27.32	+ 6 40.1	1.795	2.767	5.3	20.3
3 22	12 18.87	+ 7 23.0	1.778	2.767	3.1	20.2
4 1	12 10.14	+ 7 57.9	1.789	2.767	5.3	20.3
4 11	12 2.14	+ 8 19.7	1.827	2.766	8.9	20.5
4 21	11 55.66	+ 8 25.8	1.890	2.766	12.4	20.7
5 1	11 51.26	+ 8 15.3	1.974	2.766	15.3	20.9

109001 2001 PF_{65} 3 24.9 89.°15 4.°7/20.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.23	+ 8 1.3	1.758	2.623	12.8	20.0
3 2	12 34.75	+ 9 18.3	1.713	2.643	9.3	19.8
3 12	12 27.35	+10 36.6	1.693	2.662	6.0	19.6
3 22	12 18.85	+11 47.9	1.700	2.681	4.7	19.6
4 1	12 10.26	+12 44.5	1.735	2.700	6.9	19.8
4 11	12 2.61	+13 21.2	1.797	2.719	10.2	20.0
4 21	11 56.64	+13 36.4	1.882	2.737	13.4	20.2
5 1	11 52.85	+13 30.5	1.986	2.755	16.0	20.5

157808 1995 UP_{43} 3 24.9 135.°33 0.°5/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.13	− 6 20.4	1.984	2.817	12.9	20.2
3 2	12 32.52	− 5 38.4	1.908	2.821	9.5	20.0
3 12	12 26.12	− 4 42.0	1.856	2.824	5.7	19.8
3 22	12 18.59	− 3 35.7	1.832	2.827	1.5	19.5
4 1	12 10.80	− 2 25.6	1.837	2.830	2.8	19.6
4 11	12 3.65	− 1 18.7	1.870	2.833	6.9	19.8
4 21	11 57.90	− 0 21.1	1.929	2.835	10.6	20.1
5 1	11 54.09	+ 0 22.9	2.010	2.838	13.8	20.3

255894 2006 SK_{284} 3 24.9 262.°04 2.°9/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.22	−12 5.9	1.790	2.604	14.9	21.4
3 2	12 34.49	−11 48.8	1.692	2.587	11.6	21.1
3 12	12 27.52	−11 10.9	1.615	2.570	7.8	20.8
3 22	12 18.96	−10 14.1	1.565	2.552	4.0	20.6
4 1	12 9.81	− 9 3.1	1.542	2.533	3.6	20.5
4 11	12 1.20	− 7 45.8	1.546	2.514	7.5	20.7
4 21	11 54.14	− 6 30.6	1.577	2.495	11.8	20.9
5 1	11 49.39	− 5 25.3	1.629	2.476	15.6	21.1

38431 1999 RR_{232} 3 24.9 239.°36 0.°3/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.27	− 3 43.0	2.104	2.936	12.3	19.2
3 2	12 35.56	− 3 35.5	2.014	2.927	9.1	19.0
3 12	12 27.93	− 3 18.0	1.950	2.917	5.4	18.7
3 22	12 19.03	− 2 53.4	1.913	2.907	1.4	18.4
4 1	12 9.72	− 2 25.8	1.905	2.897	2.9	18.5
4 11	12 0.96	− 2 0.2	1.926	2.887	6.9	18.7
4 21	11 53.58	− 1 40.7	1.974	2.876	10.7	18.9
5 1	11 48.20	− 1 30.8	2.045	2.865	13.9	19.1

273750 2007 EL_{135} 3 24.9 291.°21 0.°2/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.65	− 4 49.7	1.772	2.616	13.8	21.3
3 2	12 33.18	− 4 15.8	1.690	2.608	10.2	21.1
3 12	12 26.65	− 3 27.4	1.631	2.601	6.0	20.8
3 22	12 18.74	− 2 28.9	1.599	2.594	1.4	20.5
4 1	12 10.43	− 1 26.9	1.594	2.587	3.3	20.6
4 11	12 2.78	− 0 28.7	1.617	2.580	7.8	20.9
4 21	11 56.66	+ 0 19.2	1.665	2.573	11.9	21.1
5 1	11 52.72	+ 0 52.5	1.734	2.566	15.5	21.3

455245 2001 SJ_{236} 3 24.9 101.°57 0.°7/24.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 45.19	− 0 5.4	1.743	2.587	13.9	20.8
3 2	12 38.59	− 0 10.1	1.672	2.591	10.2	20.5
3 12	12 29.73	− 0 7.5	1.624	2.595	5.9	20.3
3 22	12 19.44	− 0 1.1	1.604	2.599	1.3	20.0
4 1	12 8.82	+ 0 4.7	1.612	2.603	3.6	20.2
4 11	11 59.07	+ 0 5.7	1.649	2.607	8.1	20.4
4 21	11 51.12	− 0 1.5	1.711	2.611	12.1	20.7
5 1	11 45.60	− 0 18.9	1.795	2.615	15.5	20.9

231810 2000 FX_{28} 3 24.9 305.°44 3.°2/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 41.83	− 8 29.1	1.275	2.119	18.0	19.3
3 2	12 37.24	− 8 55.0	1.185	2.099	14.0	19.0
3 12	12 29.55	− 9 2.5	1.115	2.079	9.2	18.6
3 22	12 19.51	− 8 52.2	1.069	2.059	4.3	18.3
4 1	12 8.46	− 8 27.5	1.047	2.039	4.5	18.2
4 11	11 58.09	− 7 55.6	1.049	2.020	9.7	18.5
4 21	11 49.89	− 7 25.0	1.074	2.002	15.1	18.7
5 1	11 44.90	− 7 3.3	1.117	1.984	19.9	18.9

237441 1999 RP_{195} 3 24.9 136.°97 2.°8/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.08	−14 1.4	2.048	2.844	14.0	20.6
3 2	12 34.58	−13 21.0	1.974	2.859	10.8	20.4
3 12	12 27.27	−12 20.6	1.924	2.872	7.2	20.2
3 22	12 18.86	−11 3.3	1.901	2.886	3.8	20.0
4 1	12 10.25	− 9 35.1	1.907	2.898	3.2	20.0
4 11	12 2.37	− 8 3.8	1.943	2.910	6.4	20.3
4 21	11 55.98	− 6 37.2	2.007	2.920	9.9	20.5
5 1	11 51.59	− 5 21.4	2.094	2.931	13.0	20.7

54914 2001 OS_{88} 3 24.9 90.°83 1.°0/25.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.12	− 6 19.4	1.393	2.236	16.8	19.6
3 2	12 37.39	− 5 58.2	1.334	2.251	12.5	19.3
3 12	12 29.13	− 5 19.4	1.298	2.266	7.5	19.1
3 22	12 19.31	− 4 27.8	1.286	2.280	2.2	18.8
4 1	12 9.24	− 3 30.9	1.301	2.295	3.6	18.9
4 11	12 0.29	− 2 37.5	1.343	2.309	8.7	19.2
4 21	11 53.48	− 1 54.5	1.408	2.323	13.2	19.5
5 1	11 49.41	− 1 26.8	1.494	2.336	17.0	19.8

280374 2003 UR_{26} 3 24.9 123.°01 6.°1/17.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.02	+17 27.3	2.438	3.290	10.1	20.6
3 2	12 34.22	+18 37.1	2.394	3.306	7.9	20.5
3 12	12 26.92	+19 40.8	2.377	3.321	6.3	20.4
3 22	12 18.77	+20 32.0	2.389	3.336	6.3	20.4
4 1	12 10.54	+21 6.0	2.428	3.351	7.7	20.5
4 11	12 3.02	+21 20.2	2.494	3.365	9.8	20.7
4 21	11 56.81	+21 14.5	2.584	3.378	12.0	20.8
5 1	11 52.34	+20 50.4	2.693	3.391	13.8	21.0

42788 1998 XF_{13} 3 24.9 245.°73 2.°0/22.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.37	+ 2 25.8	2.288	3.137	10.9	19.0
3 2	12 33.31	+ 3 7.7	2.200	3.124	7.9	18.7
3 12	12 26.57	+ 3 55.9	2.139	3.111	4.5	18.5
3 22	12 18.73	+ 4 45.6	2.106	3.098	2.0	18.3
4 1	12 10.55	+ 5 31.5	2.102	3.085	4.1	18.4
4 11	12 2.86	+ 6 8.5	2.127	3.071	7.6	18.6
4 21	11 56.39	+ 6 33.0	2.178	3.057	10.8	18.8
5 1	11 51.67	+ 6 42.9	2.251	3.042	13.7	19.0

34196 2000 QB_{54} 3 24.9 224.°65 0.°7/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.30	− 5 18.7	2.268	3.091	11.9	18.8
3 2	12 35.49	− 5 6.8	2.174	3.081	8.9	18.6
3 12	12 27.87	− 4 44.0	2.105	3.070	5.3	18.4
3 22	12 19.03	− 4 13.0	2.065	3.059	1.6	18.1
4 1	12 9.80	− 3 37.8	2.054	3.047	2.7	18.2
4 11	12 1.07	− 3 3.2	2.073	3.034	6.5	18.4
4 21	11 53.62	− 2 33.8	2.119	3.021	10.1	18.6
5 1	11 48.03	− 2 13.2	2.189	3.007	13.2	18.8

409067 2003 SO_{222} 3 24.9 189.°23 0.°5/24.4 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.06	− 2 59.4	2.078	2.913	12.4	22.1
3 2	12 35.35	− 2 16.8	1.997	2.912	9.0	21.9
3 12	12 27.78	− 1 22.9	1.941	2.911	5.2	21.7
3 22	12 19.01	− 0 22.3	1.913	2.908	1.1	21.4
4 1	12 9.93	+ 0 38.9	1.915	2.905	3.3	21.6
4 11	12 1.47	+ 1 34.4	1.946	2.902	7.3	21.8
4 21	11 54.43	+ 2 19.3	2.004	2.897	11.0	22.0
5 1	11 49.37	+ 2 50.0	2.084	2.892	14.1	22.2

372462 2009 SH_{141} 3 24.9 227.°98 0.°3/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.32	− 4 11.8	2.136	2.966	12.3	21.6
3 2	12 35.59	− 3 55.2	2.044	2.956	9.1	21.4
3 12	12 27.97	− 3 27.8	1.978	2.945	5.4	21.2
3 22	12 19.07	− 2 52.7	1.939	2.933	1.4	20.9
4 1	12 9.75	− 2 14.4	1.929	2.922	2.9	21.0
4 11	12 0.98	− 1 38.1	1.949	2.909	6.9	21.2
4 21	11 53.55	− 1 8.6	1.995	2.896	10.6	21.4
5 1	11 48.09	− 0 49.5	2.065	2.883	13.9	21.6

497915 2006 VZ_{53} 3 24.9 178.°60 3.°1/20.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.65	+ 8 50.3	2.814	3.664	9.0	21.8
3 2	12 33.13	+ 9 26.7	2.743	3.665	6.6	21.6
3 12	12 26.29	+10 3.4	2.699	3.666	4.2	21.5
3 22	12 18.65	+10 36.0	2.685	3.666	3.2	21.4
4 1	12 10.84	+11 0.8	2.701	3.666	4.7	21.5
4 11	12 3.53	+11 14.6	2.745	3.666	7.1	21.6
4 21	11 57.26	+11 16.0	2.816	3.666	9.6	21.8
5 1	11 52.47	+11 4.4	2.910	3.665	11.7	22.0

290915 2005 WB_{114} 3 24.9 292.°15 1.°9/22.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.97	+ 2 53.1	2.357	3.208	10.5	20.1
3 2	12 32.20	+ 3 25.6	2.277	3.201	7.6	19.9
3 12	12 25.89	+ 4 3.1	2.222	3.195	4.4	19.6
3 22	12 18.58	+ 4 41.3	2.196	3.189	1.9	19.5
4 1	12 11.01	+ 5 15.5	2.200	3.182	3.9	19.6
4 11	12 3.95	+ 5 41.3	2.231	3.176	7.2	19.8
4 21	11 58.06	+ 5 55.8	2.288	3.170	10.3	20.0
5 1	11 53.83	+ 5 57.2	2.368	3.164	13.0	20.1

474439 2003 HK_{52} 3 24.9 332.°02 6.°9/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.85	−27 42.7	1.900	2.637	16.9	20.1
3 2	12 29.08	−26 56.5	1.792	2.618	14.5	19.9
3 12	12 24.34	−25 34.6	1.703	2.601	11.6	19.6
3 22	12 18.26	−23 36.3	1.638	2.584	8.7	19.4
4 1	12 11.75	−21 5.6	1.599	2.567	7.0	19.3
4 11	12 5.84	−18 12.5	1.588	2.552	7.8	19.3
4 21	12 1.40	−15 10.3	1.605	2.537	10.7	19.4
5 1	11 59.08	−12 12.9	1.649	2.523	14.1	19.6

192836 1999 VC_{121} 3 24.9 185.°09 0.°8/24.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.32	− 1 18.6	2.241	3.080	11.4	21.3
3 2	12 33.96	− 0 48.6	2.162	3.080	8.3	21.1
3 12	12 26.92	− 0 10.1	2.109	3.080	4.7	20.9
3 22	12 18.82	+ 0 32.8	2.084	3.079	1.1	20.6
4 1	12 10.45	+ 1 15.1	2.088	3.078	3.2	20.8
4 11	12 2.67	+ 1 51.8	2.122	3.076	6.9	21.0
4 21	11 56.17	+ 2 19.1	2.182	3.075	10.2	21.2
5 1	11 51.47	+ 2 34.4	2.265	3.073	13.1	21.4

191126 2002 EU_{138} 3 24.9 159.°39 1.°8/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.32	+ 0 11.9	1.895	2.749	12.5	20.6
3 2	12 32.74	+ 1 9.0	1.823	2.749	9.0	20.4
3 12	12 26.30	+ 2 15.8	1.776	2.750	5.1	20.2
3 22	12 18.69	+ 3 26.1	1.756	2.750	1.9	19.9
4 1	12 10.79	+ 4 32.8	1.765	2.751	4.3	20.1
4 11	12 3.57	+ 5 29.0	1.802	2.751	8.3	20.4
4 21	11 57.80	+ 6 10.0	1.863	2.751	11.9	20.6
5 1	11 54.04	+ 6 33.3	1.946	2.752	15.0	20.8

434320 2004 GT_{73} 3 24.9 344.°09 2.°3/22.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.12	+ 2 7.8	1.736	2.600	13.0	21.0
3 2	12 32.07	+ 2 46.4	1.661	2.592	9.4	20.8
3 12	12 26.00	+ 3 32.7	1.609	2.584	5.4	20.5
3 22	12 18.63	+ 4 21.1	1.584	2.578	2.3	20.3
4 1	12 10.90	+ 5 4.6	1.587	2.572	4.8	20.5
4 11	12 3.85	+ 5 37.1	1.615	2.566	8.9	20.7
4 21	11 58.33	+ 5 54.4	1.667	2.562	12.7	20.9
5 1	11 54.96	+ 5 54.5	1.740	2.558	16.0	21.1

283572 2001 WF_{75} 3 24.9 145.°60 0.°9/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.00	− 0 36.9	2.756	3.593	9.6	21.8
3 2	12 31.95	− 0 0.7	2.684	3.601	6.9	21.6
3 12	12 25.62	+ 0 41.9	2.639	3.610	3.9	21.5
3 22	12 18.51	+ 1 27.2	2.623	3.618	1.0	21.2
4 1	12 11.24	+ 2 11.2	2.637	3.625	2.8	21.4
4 11	12 4.47	+ 2 49.7	2.682	3.632	5.8	21.6
4 21	11 58.73	+ 3 19.6	2.754	3.639	8.6	21.8
5 1	11 54.42	+ 3 38.9	2.849	3.646	11.0	22.0

198283 2004 TM_{296} 3 24.9 268.°17 2.°7/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.88	−12 22.8	1.972	2.783	13.9	20.6
3 2	12 32.53	−11 59.0	1.879	2.773	10.8	20.4
3 12	12 26.27	−11 15.9	1.808	2.762	7.2	20.1
3 22	12 18.70	−10 15.6	1.764	2.751	3.7	19.9
4 1	12 10.71	− 9 3.2	1.748	2.740	3.3	19.8
4 11	12 3.26	− 7 45.8	1.760	2.728	6.8	20.0
4 21	11 57.21	− 6 31.1	1.798	2.717	10.6	20.2
5 1	11 53.17	− 5 25.6	1.860	2.706	14.0	20.4

299315 2005 QU_{94} 3 24.9 197.°91 1.°5/22.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.42	+ 1 36.1	2.983	3.825	8.8	21.5
3 2	12 30.79	+ 2 25.2	2.900	3.822	6.3	21.3
3 12	12 24.95	+ 3 19.6	2.846	3.818	3.6	21.1
3 22	12 18.36	+ 4 15.4	2.821	3.814	1.5	21.0
4 1	12 11.57	+ 5 8.5	2.827	3.809	3.2	21.1
4 11	12 5.18	+ 5 54.6	2.863	3.804	6.0	21.3
4 21	11 59.70	+ 6 30.9	2.925	3.799	8.6	21.4
5 1	11 55.52	+ 6 55.3	3.012	3.793	10.8	21.6

127614 2003 BX_{45} 3 24.9 343.°53 0.°3/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.15	− 4 22.6	1.257	2.116	17.3	19.6
3 2	12 35.68	− 4 4.4	1.186	2.112	12.8	19.3
3 12	12 28.40	− 3 28.8	1.137	2.109	7.6	19.0
3 22	12 19.22	− 2 40.8	1.111	2.106	1.9	18.7
4 1	12 9.50	− 1 48.4	1.111	2.104	4.1	18.8
4 11	12 0.76	− 1 0.8	1.135	2.102	9.7	19.1
4 21	11 54.22	− 0 25.7	1.181	2.101	14.8	19.4
5 1	11 50.63	− 0 7.9	1.246	2.100	19.1	19.7

42450 3504 $T\text{-}_3$ 3 24.9 236.°98 1.°2/23.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.55	− 0 21.4	1.960	2.802	12.7	20.7
3 2	12 36.68	+ 0 10.6	1.867	2.787	9.3	20.5
3 12	12 28.70	+ 0 52.1	1.800	2.772	5.4	20.2
3 22	12 19.27	+ 1 38.5	1.761	2.755	1.5	19.9
4 1	12 9.35	+ 2 23.9	1.750	2.739	3.9	20.1
4 11	11 59.99	+ 3 2.2	1.769	2.721	8.2	20.3
4 21	11 52.11	+ 3 28.7	1.813	2.703	12.1	20.5
5 1	11 46.40	+ 3 40.5	1.879	2.684	15.5	20.7

102761 1999 VH_{133} 3 24.9 273.°61 0.°9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.59	− 6 26.9	1.343	2.192	17.0	20.1
3 2	12 36.02	− 6 1.0	1.261	2.181	12.8	19.8
3 12	12 28.65	− 5 14.7	1.199	2.169	7.8	19.5
3 22	12 19.30	− 4 12.4	1.162	2.157	2.3	19.2
4 1	12 9.26	− 3 2.0	1.151	2.145	3.9	19.2
4 11	12 0.03	− 1 53.6	1.165	2.133	9.5	19.5
4 21	11 52.86	− 0 56.4	1.202	2.121	14.7	19.8
5 1	11 48.61	− 0 17.1	1.259	2.108	19.1	20.0

399079 2014 DV_{12} 3 24.9 171.°92 4.°2/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.69	+10 9.2	2.382	3.242	10.1	21.0
3 2	12 31.96	+11 7.6	2.317	3.242	7.4	20.8
3 12	12 25.72	+12 6.0	2.278	3.243	5.0	20.7
3 22	12 18.56	+12 58.8	2.267	3.243	4.3	20.6
4 1	12 11.20	+13 40.4	2.285	3.243	6.0	20.7
4 11	12 4.42	+14 7.0	2.330	3.243	8.6	20.9
4 21	11 58.81	+14 16.7	2.400	3.243	11.2	21.1
5 1	11 54.86	+14 9.4	2.491	3.243	13.5	21.2

27003 Katoizumi 3 24.9 129.°25 0.°6/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.61	− 6 26.9	2.596	3.417	10.6	20.0
3 2	12 31.75	− 5 52.6	2.522	3.429	7.8	19.8
3 12	12 25.54	− 5 7.7	2.475	3.440	4.7	19.7
3 22	12 18.51	− 4 15.4	2.456	3.450	1.4	19.4
4 1	12 11.32	− 3 20.1	2.468	3.461	2.2	19.5
4 11	12 4.66	− 2 26.6	2.509	3.471	5.5	19.7
4 21	11 59.08	− 1 39.3	2.578	3.480	8.5	19.9
5 1	11 55.01	− 1 1.5	2.671	3.489	11.0	20.1

301744 2010 HV_{64} 3 24.9 135.°38 3.°9/19.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 35.38	+ 9 2.0	2.426	3.287	9.9	20.6
3 2	12 30.99	+10 10.4	2.361	3.288	7.2	20.4
3 12	12 25.15	+11 19.8	2.323	3.289	4.8	20.2
3 22	12 18.43	+12 24.5	2.313	3.291	4.0	20.2
4 1	12 11.52	+13 18.7	2.332	3.292	5.8	20.3
4 11	12 5.15	+13 58.1	2.379	3.293	8.4	20.5
4 21	11 59.90	+14 20.4	2.450	3.294	11.0	20.6
5 1	11 56.24	+14 25.2	2.543	3.295	13.3	20.8

389731 2011 SL_{93} 3 24.9 123.°51 1.°2/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 34.50	− 9 18.6	2.494	3.311	11.1	20.7
3 2	12 30.33	− 8 33.0	2.414	3.315	8.4	20.5
3 12	12 24.77	− 7 33.6	2.359	3.320	5.2	20.3
3 22	12 18.35	− 6 23.9	2.332	3.324	2.0	20.1
4 1	12 11.72	− 5 8.8	2.335	3.328	2.3	20.1
4 11	12 5.60	− 3 54.3	2.367	3.332	5.5	20.3
4 21	12 0.56	− 2 45.6	2.427	3.336	8.6	20.5
5 1	11 57.05	− 1 47.2	2.512	3.340	11.4	20.7

125194 2001 UF_{123} 3 24.9 125.°18 3.°7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.77	−16 17.9	2.104	2.889	14.0	20.0
3 2	12 33.66	−15 53.3	2.029	2.903	11.0	19.8
3 12	12 26.78	−15 8.1	1.976	2.915	7.8	19.7
3 22	12 18.81	−14 4.6	1.951	2.928	4.7	19.5
4 1	12 10.63	−12 47.6	1.953	2.940	3.8	19.5
4 11	12 3.15	−11 24.2	1.985	2.951	6.3	19.6
4 21	11 57.08	−10 1.8	2.044	2.962	9.5	19.8
5 1	11 52.96	− 8 47.0	2.127	2.973	12.5	20.0

222274 2000 RE_{83} 3 24.9 223.°66 5.°9/30.5 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.55	−19 31.2	2.011	2.780	15.1	20.3
3 2	12 35.28	−19 56.8	1.921	2.776	12.5	20.1
3 12	12 27.91	−20 1.3	1.852	2.772	9.5	19.9
3 22	12 19.12	−19 43.9	1.807	2.767	6.9	19.7
4 1	12 9.84	−19 6.2	1.790	2.763	5.9	19.6
4 11	12 1.14	−18 13.4	1.800	2.758	7.6	19.7
4 21	11 53.95	−17 12.6	1.836	2.753	10.5	19.9
5 1	11 48.93	−16 11.4	1.895	2.748	13.5	20.1

60802 2000 HK_{15} 3 24.9 200.°27 1.°9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.62	−11 48.6	2.524	3.322	11.6	20.0
3 2	12 33.38	−11 12.2	2.429	3.317	8.9	19.8
3 12	12 26.59	−10 20.1	2.359	3.311	5.8	19.6
3 22	12 18.78	− 9 14.9	2.318	3.305	2.8	19.4
4 1	12 10.68	− 8 1.0	2.306	3.298	2.6	19.4
4 11	12 3.05	− 6 44.3	2.325	3.290	5.6	19.6
4 21	11 56.56	− 5 30.8	2.373	3.281	8.8	19.8
5 1	11 51.71	− 4 25.5	2.445	3.272	11.7	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
341576	2007 UH_{61}		3 24.9	330.°84	3.°2/28.6	17
	h m	° ′			°	m
2 21	12 35.32	−14 16.7	2.087	2.889	13.5	20.3
3 2	12 31.27	−13 55.1	2.000	2.886	10.6	20.1
3 12	12 25.47	−13 14.1	1.936	2.883	7.3	19.9
3 22	12 18.54	−12 15.9	1.899	2.880	4.2	19.7
4 1	12 11.29	−11 5.0	1.889	2.878	3.5	19.6
4 11	12 4.61	− 9 48.2	1.907	2.876	6.3	19.8
4 21	11 59.23	− 8 32.5	1.952	2.873	9.7	20.0
5 1	11 55.71	− 7 24.5	2.020	2.871	12.9	20.2
434998	2006 UJ_{252}		3 24.9	136.°36	2.°4/22.2	17
2 21	12 38.33	+ 4 59.6	2.530	3.379	9.9	21.4
3 2	12 33.03	+ 5 33.3	2.462	3.385	7.1	21.2
3 12	12 26.30	+ 6 9.9	2.420	3.391	4.2	21.0
3 22	12 18.71	+ 6 45.0	2.407	3.397	2.4	20.9
4 1	12 10.95	+ 7 14.3	2.424	3.402	4.1	21.1
4 11	12 3.76	+ 7 34.3	2.470	3.407	7.0	21.2
4 21	11 57.71	+ 7 42.7	2.542	3.412	9.8	21.4
5 1	11 53.24	+ 7 38.5	2.637	3.417	12.2	21.6
148665	2001 SQ_{156}		3 24.9	107.°84	2.°8/27.6	18
2 21	12 41.81	−11 28.4	1.956	2.763	14.1	20.8
3 2	12 35.92	−11 25.2	1.889	2.780	10.8	20.6
3 12	12 28.11	−11 5.3	1.845	2.797	7.2	20.4
3 22	12 19.14	−10 30.7	1.827	2.813	3.7	20.2
4 1	12 9.95	− 9 45.9	1.838	2.829	3.4	20.2
4 11	12 1.55	− 8 56.9	1.878	2.844	6.6	20.4
4 21	11 54.73	− 8 9.8	1.944	2.859	10.1	20.7
5 1	11 50.02	− 7 30.0	2.033	2.873	13.2	20.9
156433	2002 AD_{113}		3 24.9	47.°81	1.°2/25.9	17
2 21	12 39.46	− 6 38.9	1.774	2.609	14.2	19.9
3 2	12 34.46	− 6 26.1	1.700	2.611	10.6	19.7
3 12	12 27.39	− 5 58.8	1.648	2.614	6.5	19.5
3 22	12 19.00	− 5 20.3	1.623	2.617	2.2	19.2
4 1	12 10.27	− 4 35.9	1.626	2.620	3.0	19.3
4 11	12 2.28	− 3 52.1	1.656	2.623	7.3	19.5
4 21	11 55.89	− 3 14.7	1.712	2.626	11.3	19.8
5 1	11 51.72	− 2 48.3	1.789	2.629	14.8	20.0
436371	2010 NJ_3		3 24.9	270.°70	6.°7/ 2.3	18
2 21	12 37.07	−26 26.7	2.610	3.322	13.4	21.0
3 2	12 32.50	−26 44.3	2.497	3.303	11.5	20.8
3 12	12 26.22	−26 41.0	2.405	3.283	9.5	20.6
3 22	12 18.75	−26 15.4	2.338	3.264	7.6	20.5
4 1	12 10.82	−25 28.3	2.297	3.244	6.7	20.4
4 11	12 3.27	−24 23.3	2.283	3.224	7.3	20.4
4 21	11 56.84	−23 6.2	2.296	3.203	9.1	20.4
5 1	11 52.12	−21 43.9	2.334	3.183	11.4	20.6
373467	2000 RJ_{99}		3 24.9	203.°58	2.°5/28.1	17
2 21	12 38.08	−13 42.2	2.570	3.358	11.7	21.9
3 2	12 32.99	−13 8.8	2.472	3.352	9.1	21.7
3 12	12 26.38	−12 18.9	2.400	3.346	6.1	21.5
3 22	12 18.77	−11 14.7	2.356	3.339	3.3	21.3
4 1	12 10.86	−10 0.2	2.341	3.331	2.8	21.3
4 11	12 3.41	− 8 41.3	2.357	3.322	5.5	21.4
4 21	11 57.07	− 7 23.8	2.402	3.313	8.6	21.6
5 1	11 52.34	− 6 13.4	2.472	3.303	11.4	21.8
162703	2000 UW_{51}		3 24.9	194.°08	1.°2/26.1	18
2 21	12 41.55	− 7 56.3	1.979	2.799	13.5	21.0
3 2	12 35.87	− 7 28.6	1.893	2.797	10.1	20.8
3 12	12 28.20	− 6 45.3	1.832	2.795	6.3	20.5
3 22	12 19.21	− 5 49.9	1.798	2.791	2.2	20.3
4 1	12 9.84	− 4 47.8	1.794	2.787	2.9	20.3
4 11	12 1.11	− 3 45.8	1.818	2.782	7.0	20.5
4 21	11 53.87	− 2 50.2	1.869	2.776	10.9	20.8
5 1	11 48.74	− 2 6.1	1.943	2.770	14.3	21.0
415807	2001 PH_{24}		3 24.9	148.°02	2.°6/27.6	18
2 21	12 43.91	−11 5.1	2.350	3.145	12.4	21.2
3 2	12 37.24	−11 13.1	2.272	3.156	9.6	21.0
3 12	12 28.83	−11 7.5	2.218	3.167	6.4	20.8
3 22	12 19.34	−10 49.7	2.193	3.177	3.4	20.6
4 1	12 9.59	−10 22.6	2.198	3.186	3.1	20.6
4 11	12 0.48	− 9 50.5	2.232	3.195	6.0	20.8
4 21	11 52.72	− 9 18.3	2.295	3.203	9.1	21.0
5 1	11 46.87	− 8 50.4	2.383	3.210	11.9	21.2
24916	Stelzhamer		3 24.9	17.°10	0.°1/24.9	18
2 21	12 39.69	− 3 36.5	1.312	2.172	16.7	19.3
3 2	12 35.17	− 3 21.1	1.248	2.175	12.3	19.0
3 12	12 28.02	− 2 50.5	1.206	2.178	7.2	18.7
3 22	12 19.19	− 2 9.8	1.187	2.183	1.7	18.4
4 1	12 9.96	− 1 26.3	1.194	2.187	3.9	18.5
4 11	12 1.75	− 0 48.3	1.226	2.193	9.2	18.9
4 21	11 55.63	− 0 22.1	1.281	2.199	14.0	19.1
5 1	11 52.29	− 0 11.7	1.355	2.206	18.0	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
211563	2003 SU_{103}		3 24.9	202.°24	0.°3/25.3	17
	h m	° ′			°	m
2 21	12 40.99	− 5 38.3	2.066	2.893	12.7	21.6
3 2	12 35.40	− 5 1.1	1.979	2.889	9.4	21.4
3 12	12 27.90	− 4 10.3	1.917	2.883	5.6	21.2
3 22	12 19.15	− 3 9.9	1.882	2.877	1.5	20.9
4 1	12 10.02	− 2 5.5	1.878	2.870	2.9	21.0
4 11	12 1.49	− 1 3.9	1.902	2.863	7.1	21.2
4 21	11 54.36	− 0 10.8	1.954	2.854	10.8	21.4
5 1	11 49.24	+ 0 29.4	2.028	2.845	14.1	21.6
167840	2005 CQ_{60}		3 24.9	151.°70	0.°6/25.5	18
2 21	12 41.78	− 6 13.6	1.969	2.795	13.3	21.2
3 2	12 35.92	− 5 37.7	1.896	2.805	9.8	21.0
3 12	12 28.15	− 4 47.7	1.849	2.814	5.9	20.7
3 22	12 19.19	− 3 48.1	1.828	2.823	1.6	20.5
4 1	12 9.98	− 2 44.8	1.838	2.830	2.9	20.6
4 11	12 1.52	− 1 44.5	1.876	2.837	7.0	20.9
4 21	11 54.58	− 0 53.0	1.941	2.843	10.8	21.1
5 1	11 49.73	− 0 14.5	2.028	2.849	14.0	21.3
294677	2008 AS_{105}		3 24.9	158.°35	1.°7/26.5	18
2 21	12 42.12	− 8 27.9	1.941	2.759	13.8	21.2
3 2	12 36.25	− 8 13.9	1.864	2.766	10.4	21.0
3 12	12 28.39	− 7 44.8	1.811	2.771	6.5	20.8
3 22	12 19.25	− 7 3.5	1.785	2.776	2.6	20.6
4 1	12 9.81	− 6 14.7	1.788	2.781	2.9	20.6
4 11	12 1.08	− 5 24.9	1.820	2.785	6.9	20.8
4 21	11 53.92	− 4 39.8	1.878	2.788	10.7	21.1
5 1	11 48.89	− 4 4.4	1.959	2.791	14.0	21.3
19754	Paclements		3 24.9	279.°67	5.°1/20.8	18 R
2 21	12 40.91	+ 6 34.5	1.432	2.303	14.8	18.1
3 2	12 36.17	+ 7 46.9	1.350	2.284	10.9	17.8
3 12	12 28.73	+ 9 6.8	1.292	2.264	6.9	17.5
3 22	12 19.40	+10 24.8	1.259	2.244	5.1	17.4
4 1	12 9.38	+11 29.9	1.252	2.224	8.0	17.5
4 11	12 0.10	+12 13.2	1.270	2.204	12.5	17.7
4 21	11 52.77	+12 30.2	1.310	2.184	16.8	17.9
5 1	11 48.23	+12 20.1	1.367	2.164	20.7	18.1
421608	2014 OA_{234}		3 24.9	313.°63	5.°0/27.9	16
2 21	12 41.31	−12 5.7	1.233	2.068	19.1	21.4
3 2	12 36.94	−12 42.9	1.149	2.054	15.2	21.1
3 12	12 29.43	−12 57.7	1.085	2.040	10.6	20.8
3 22	12 19.60	−12 49.2	1.043	2.027	6.2	20.5
4 1	12 8.84	−12 20.0	1.025	2.014	5.6	20.4
4 11	11 58.87	−11 37.5	1.031	2.002	9.8	20.6
4 21	11 51.16	−10 51.5	1.058	1.991	14.9	20.8
5 1	11 46.72	−10 11.5	1.105	1.980	19.5	21.1
232268	2002 QH_{51}		3 24.9	305.°26	6.°5/30.3	18
2 21	12 41.01	−19 9.7	1.949	2.721	15.4	19.9
3 2	12 35.79	−19 58.2	1.854	2.710	12.8	19.7
3 12	12 28.33	−20 27.1	1.780	2.699	9.9	19.5
3 22	12 19.29	−20 34.5	1.731	2.688	7.4	19.3
4 1	12 9.62	−20 20.8	1.708	2.677	6.5	19.2
4 11	12 0.47	−19 50.0	1.712	2.667	8.1	19.3
4 21	11 52.84	−19 8.3	1.741	2.657	11.1	19.4
5 1	11 47.48	−18 23.3	1.793	2.647	14.1	19.6
249264	2008 SB_{98}		3 24.9	102.°32	0.°2/25.1	17
2 21	12 39.50	− 3 55.3	1.990	2.827	12.7	20.6
3 2	12 34.28	− 3 37.8	1.916	2.831	9.4	20.4
3 12	12 27.22	− 3 9.3	1.866	2.835	5.5	20.2
3 22	12 18.98	− 2 33.6	1.843	2.838	1.3	19.9
4 1	12 10.48	− 1 55.5	1.849	2.842	2.9	20.0
4 11	12 2.64	− 1 20.5	1.884	2.845	7.0	20.3
4 21	11 56.24	− 0 53.2	1.944	2.849	10.7	20.5
5 1	11 51.84	− 0 36.8	2.027	2.852	13.8	20.7
210902	2001 SO_{201}		3 24.9	84.°98	0.°5/24.4	18
2 21	12 37.32	− 2 38.6	2.237	3.076	11.4	20.6
3 2	12 32.43	− 2 0.1	2.175	3.092	8.3	20.4
3 12	12 26.02	− 1 12.5	2.138	3.108	4.7	20.2
3 22	12 18.70	− 0 20.1	2.129	3.124	1.0	20.0
4 1	12 11.24	+ 0 31.9	2.149	3.140	2.9	20.1
4 11	12 4.43	+ 1 18.2	2.199	3.155	6.5	20.4
4 21	11 58.89	+ 1 54.8	2.274	3.171	9.7	20.6
5 1	11 55.06	+ 2 19.1	2.373	3.186	12.4	20.8
59569	1999 JJ_{48}		3 24.9	286.°50	4.°6/28.6	18
2 21	12 39.69	−14 25.9	1.500	2.315	17.3	18.0
3 2	12 35.22	−14 32.9	1.413	2.305	13.8	17.8
3 12	12 28.17	−14 15.8	1.346	2.294	9.7	17.5
3 22	12 19.29	−13 35.0	1.303	2.284	5.8	17.2
4 1	12 9.74	−12 34.4	1.285	2.274	5.0	17.1
4 11	12 0.91	−11 22.5	1.294	2.263	8.5	17.3
4 21	11 53.96	−10 8.9	1.326	2.253	12.9	17.5
5 1	11 49.71	− 9 3.0	1.379	2.243	16.9	17.8

27722 1990 OB_2 3 24.9 212.°14 1.°2/26.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.42	− 7 56.1	3.196	3.999	9.2	19.6
3 2	12 32.98	− 7 45.1	3.096	3.990	7.0	19.5
3 12	12 26.29	− 7 24.8	3.023	3.980	4.4	19.3
3 22	12 18.78	− 6 57.2	2.979	3.970	1.8	19.1
4 1	12 11.01	− 6 24.8	2.967	3.959	2.0	19.1
4 11	12 3.59	− 5 51.0	2.986	3.947	4.7	19.3
4 21	11 57.03	− 5 19.2	3.033	3.935	7.3	19.4
5 1	11 51.77	− 4 52.4	3.106	3.922	9.7	19.6

469758 2005 QQ_{28} 3 24.9 218.°69 5.°7/31.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 42.59	−22 23.8	2.879	3.602	12.0	21.7
3 2	12 36.32	−23 8.8	2.776	3.595	10.1	21.5
3 12	12 28.38	−23 38.0	2.697	3.588	8.1	21.4
3 22	12 19.29	−23 50.3	2.644	3.580	6.4	21.3
4 1	12 9.76	−23 45.6	2.620	3.572	5.7	21.2
4 11	12 0.58	−23 26.6	2.626	3.564	6.6	21.3
4 21	11 52.47	−22 57.1	2.659	3.555	8.5	21.4
5 1	11 46.01	−22 22.4	2.717	3.546	10.6	21.5

469952 2006 BN_{155} 3 24.9 170.°90 2.°9/21.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.89	+ 3 52.7	1.964	2.823	12.0	21.1
3 2	12 33.13	+ 4 52.7	1.895	2.823	8.6	20.9
3 12	12 26.56	+ 5 58.8	1.851	2.824	5.1	20.7
3 22	12 18.85	+ 7 4.4	1.835	2.824	2.9	20.6
4 1	12 10.88	+ 8 2.6	1.847	2.825	5.2	20.7
4 11	12 3.58	+ 8 47.6	1.886	2.825	8.7	20.9
4 21	11 57.69	+ 9 15.6	1.951	2.825	12.1	21.1
5 1	11 53.77	+ 9 25.3	2.036	2.825	15.0	21.3

190398 1999 TE_{142} 3 24.9 139.°73 0.°3/25.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.75	− 5 24.4	2.582	3.403	10.7	21.7
3 2	12 33.32	− 4 48.3	2.510	3.417	7.8	21.5
3 12	12 26.49	− 4 2.1	2.465	3.431	4.6	21.3
3 22	12 18.82	− 3 9.4	2.449	3.443	1.2	21.1
4 1	12 11.00	− 2 14.6	2.463	3.455	2.3	21.2
4 11	12 3.74	− 1 22.5	2.508	3.467	5.6	21.4
4 21	11 57.61	− 0 37.4	2.580	3.477	8.7	21.7
5 1	11 53.05	− 0 2.3	2.677	3.488	11.2	21.8

163801 2003 QQ_{73} 3 24.9 216.°65 1.°2/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.83	− 8 5.8	1.947	2.769	13.6	21.3
3 2	12 35.45	− 7 33.5	1.856	2.761	10.2	21.1
3 12	12 28.03	− 6 44.7	1.790	2.752	6.3	20.8
3 22	12 19.23	− 5 42.8	1.750	2.743	2.2	20.6
4 1	12 9.98	− 4 33.6	1.740	2.733	2.9	20.6
4 11	12 1.33	− 3 24.4	1.758	2.722	7.2	20.8
4 21	11 54.15	− 2 22.0	1.802	2.710	11.2	21.0
5 1	11 49.10	− 1 31.9	1.870	2.698	14.7	21.2

231279 2006 BV_{27} 3 24.9 334.°73 1.°3/23.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.72	− 0 47.3	1.719	2.574	13.5	20.5
3 2	12 33.28	− 0 6.6	1.644	2.570	9.8	20.3
3 12	12 26.78	+ 0 45.1	1.593	2.567	5.6	20.0
3 22	12 18.93	+ 1 42.1	1.568	2.563	1.6	19.7
4 1	12 10.72	+ 2 37.3	1.571	2.560	4.1	19.9
4 11	12 3.23	+ 3 23.7	1.601	2.557	8.5	20.1
4 21	11 57.32	+ 3 56.2	1.655	2.555	12.5	20.4
5 1	11 53.61	+ 4 11.9	1.730	2.552	15.9	20.6

241299 2007 UU_{78} 3 24.9 81.°60 0.°3/24.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.51	− 2 54.4	2.156	2.995	11.8	21.2
3 2	12 32.73	− 2 25.6	2.081	2.998	8.6	21.0
3 12	12 26.28	− 1 47.0	2.031	3.001	5.0	20.7
3 22	12 18.80	− 1 2.6	2.008	3.004	1.1	20.5
4 1	12 11.07	− 0 17.3	2.015	3.006	2.9	20.6
4 11	12 3.93	+ 0 23.5	2.050	3.009	6.7	20.9
4 21	11 58.09	+ 0 55.5	2.111	3.012	10.2	21.1
5 1	11 54.04	+ 1 15.7	2.195	3.015	13.1	21.3

402848 2007 QU_7 3 24.9 167.°66 0.°8/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.54	− 2 28.9	2.073	2.909	12.4	22.3
3 2	12 35.69	− 1 38.1	1.998	2.915	9.0	22.1
3 12	12 28.02	− 0 36.4	1.950	2.920	5.1	21.9
3 22	12 19.21	+ 0 31.2	1.929	2.924	1.2	21.6
4 1	12 10.14	+ 1 38.1	1.939	2.928	3.4	21.8
4 11	12 1.74	+ 2 37.8	1.978	2.930	7.4	22.1
4 21	11 54.79	+ 3 25.5	2.043	2.932	11.0	22.3
5 1	11 49.82	+ 3 58.1	2.131	2.933	14.0	22.5

151802 2003 FS_{57} 3 24.9 88.°59 5.°0/21.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 49.26	+12 3.2	1.764	2.615	13.5	19.6
3 2	12 41.51	+12 13.8	1.700	2.620	10.0	19.4
3 12	12 31.45	+12 20.0	1.661	2.624	6.7	19.2
3 22	12 20.00	+12 16.2	1.650	2.629	5.0	19.1
4 1	12 8.34	+11 57.7	1.667	2.634	6.9	19.2
4 11	11 57.73	+11 22.3	1.712	2.638	10.3	19.4
4 21	11 49.08	+10 30.8	1.782	2.643	13.7	19.7
5 1	11 42.99	+ 9 25.1	1.873	2.647	16.7	19.9

469185 2016 FB_{39} 3 24.9 11.°59 3.°2/21.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.35	− 1 13.6	1.253	2.133	15.9	20.3
3 2	12 29.10	+ 0 46.4	1.196	2.136	11.3	20.0
3 12	12 24.50	+ 3 4.8	1.162	2.140	6.4	19.8
3 22	12 18.42	+ 5 28.7	1.153	2.146	3.2	19.6
4 1	12 12.03	+ 7 43.1	1.170	2.153	6.6	19.8
4 11	12 6.58	+ 9 34.7	1.212	2.161	11.4	20.1
4 21	12 2.99	+10 55.6	1.275	2.170	15.8	20.4
5 1	12 1.87	+11 43.5	1.357	2.180	19.5	20.6

199726 2006 HR_{87} 3 24.9 121.°48 0.°8/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.30	− 8 1.2	2.232	3.054	12.1	20.5
3 2	12 32.48	− 7 14.4	2.161	3.066	9.0	20.3
3 12	12 26.10	− 6 13.7	2.115	3.078	5.5	20.1
3 22	12 18.76	− 5 3.0	2.097	3.090	1.8	19.9
4 1	12 11.24	− 3 48.1	2.108	3.101	2.5	19.9
4 11	12 4.34	− 2 35.5	2.149	3.112	6.1	20.2
4 21	11 58.72	− 1 30.8	2.217	3.123	9.5	20.4
5 1	11 54.83	− 0 38.3	2.309	3.133	12.4	20.6

358566 2007 TG_{301} 3 24.9 289.°02 0.°7/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.18	− 2 2.7	1.461	2.316	15.5	20.9
3 2	12 36.33	− 1 40.5	1.375	2.301	11.5	20.6
3 12	12 28.84	− 1 4.9	1.312	2.285	6.7	20.3
3 22	12 19.48	− 0 20.6	1.274	2.269	1.5	19.9
4 1	12 9.44	+ 0 25.1	1.262	2.253	4.2	20.0
4 11	12 0.11	+ 1 4.4	1.276	2.238	9.5	20.3
4 21	11 52.69	+ 1 30.8	1.313	2.222	14.4	20.5
5 1	11 48.00	+ 1 40.2	1.370	2.207	18.6	20.8

127070 2002 GZ_{58} 3 24.9 93.°27 0.°9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.22	− 8 2.2	2.097	2.918	12.8	19.8
3 2	12 33.85	− 7 15.4	2.040	2.945	9.5	19.6
3 12	12 26.85	− 6 14.5	2.007	2.971	5.7	19.4
3 22	12 18.92	− 5 4.0	2.003	2.996	1.8	19.2
4 1	12 10.91	− 3 50.0	2.028	3.021	2.6	19.3
4 11	12 3.67	− 2 39.3	2.083	3.046	6.3	19.6
4 21	11 57.83	− 1 37.4	2.164	3.070	9.7	19.8
5 1	11 53.86	− 0 48.2	2.269	3.093	12.6	20.1

319454 2006 KC_{116} 3 24.9 91.°24 0.°5/24.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.35	− 3 3.5	2.019	2.862	12.4	21.1
3 2	12 32.71	− 2 23.8	1.946	2.865	9.0	20.9
3 12	12 26.32	− 1 33.0	1.897	2.868	5.2	20.7
3 22	12 18.83	− 0 35.9	1.876	2.871	1.1	20.4
4 1	12 11.08	+ 0 21.8	1.884	2.875	3.2	20.6
4 11	12 3.98	+ 1 13.7	1.919	2.878	7.1	20.8
4 21	11 58.24	+ 1 55.1	1.981	2.881	10.7	21.1
5 1	11 54.39	+ 2 22.6	2.065	2.884	13.8	21.3

173480 2000 SQ_{67} 3 24.9 240.°92 0.°7/24.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.64	− 1 6.3	2.553	3.390	10.3	20.4
3 2	12 32.68	− 0 39.8	2.463	3.380	7.5	20.2
3 12	12 26.23	− 0 5.8	2.399	3.370	4.3	20.0
3 22	12 18.82	+ 0 32.1	2.365	3.360	1.0	19.8
4 1	12 11.11	+ 1 9.8	2.360	3.349	2.9	19.9
4 11	12 3.84	+ 1 42.9	2.384	3.339	6.2	20.1
4 21	11 57.64	+ 2 8.1	2.436	3.327	9.3	20.3
5 1	11 53.01	+ 2 22.6	2.511	3.316	12.0	20.4

331779 2003 FY_{29} 3 24.9 4.°84 4.°6/20.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.97	+ 4 49.0	1.351	2.232	14.9	20.0
3 2	12 31.65	+ 6 16.7	1.292	2.231	10.7	19.8
3 12	12 25.97	+ 7 52.7	1.257	2.232	6.6	19.5
3 22	12 18.78	+ 9 26.2	1.246	2.233	4.7	19.4
4 1	12 11.26	+10 46.1	1.261	2.236	7.6	19.6
4 11	12 4.66	+11 43.3	1.300	2.239	11.8	19.8
4 21	11 59.95	+12 13.6	1.360	2.243	15.8	20.1
5 1	11 57.73	+12 16.5	1.438	2.247	19.2	20.3

370964 2005 SD_{131} 3 24.9 217.°61 0.°9/26.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.79	− 7 52.0	2.278	3.097	12.0	22.5
3 2	12 33.71	− 7 12.8	2.184	3.088	9.0	22.3
3 12	12 26.92	− 6 19.1	2.115	3.078	5.5	22.0
3 22	12 18.99	− 5 14.3	2.075	3.068	1.8	21.7
4 1	12 10.70	− 4 3.6	2.064	3.057	2.6	21.8
4 11	12 2.91	− 2 53.4	2.083	3.045	6.3	22.0
4 21	11 56.34	− 1 49.6	2.129	3.033	9.9	22.2
5 1	11 51.56	− 0 56.8	2.199	3.020	13.0	22.4

90211 2003 AO_{80} 3 24.9 193.°20 6.°9/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 54.26	−13 52.1	1.343	2.144	19.6	19.0
3 2	12 46.41	−15 17.2	1.262	2.144	15.8	18.7
3 12	12 35.00	−16 23.4	1.203	2.142	11.5	18.5
3 22	12 20.97	−17 6.3	1.168	2.141	7.8	18.2
4 1	12 5.96	−17 24.3	1.159	2.138	7.2	18.2
4 11	11 51.91	−17 21.2	1.177	2.135	10.6	18.4
4 21	11 40.45	−17 5.2	1.218	2.132	14.9	18.6
5 1	11 32.63	−16 45.8	1.281	2.128	19.0	18.8

153115 2000 SK_{72} 3 24.9 213.°11 1.°6/23.1 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.54	− 0 29.6	2.159	3.005	11.5	20.7
3 2	12 32.82	+ 0 37.0	2.077	3.000	8.3	20.4
3 12	12 26.40	+ 1 53.6	2.021	2.994	4.7	20.2
3 22	12 18.88	+ 3 14.8	1.994	2.987	1.7	20.0
4 1	12 11.05	+ 4 33.4	1.996	2.981	4.0	20.1
4 11	12 3.76	+ 5 42.8	2.027	2.973	7.7	20.3
4 21	11 57.75	+ 6 38.1	2.083	2.966	11.1	20.5
5 1	11 53.54	+ 7 16.1	2.163	2.957	14.1	20.7

39037 2000 UG_{79} 3 24.9 217.°96 1.°6/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.16	− 9 19.8	1.811	2.634	14.4	20.0
3 2	12 35.11	− 8 46.5	1.723	2.627	11.0	19.8
3 12	12 27.90	− 7 54.4	1.659	2.620	6.9	19.5
3 22	12 19.26	− 6 47.0	1.621	2.613	2.7	19.2
4 1	12 10.16	− 5 30.6	1.611	2.604	3.1	19.2
4 11	12 1.70	− 4 13.2	1.630	2.596	7.4	19.5
4 21	11 54.82	− 3 2.6	1.674	2.587	11.6	19.7
5 1	11 50.17	− 2 5.2	1.741	2.577	15.3	19.9

15506 Preygel 3 24.9 303.°35 3.°7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.75	−12 14.5	1.496	2.320	16.9	18.3
3 2	12 35.22	−12 16.7	1.413	2.313	13.2	18.0
3 12	12 28.16	−11 56.7	1.352	2.307	9.0	17.8
3 22	12 19.34	−11 15.9	1.315	2.301	4.8	17.5
4 1	12 9.95	−10 19.2	1.304	2.295	4.3	17.5
4 11	12 1.33	− 9 14.8	1.318	2.289	8.3	17.7
4 21	11 54.59	− 8 11.7	1.357	2.283	12.7	17.9
5 1	11 50.50	− 7 18.0	1.417	2.278	16.8	18.1

407698 2011 UA_{121} 3 24.9 198.°36 0.°8/25.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.47	− 7 29.2	1.898	2.722	13.8	23.1
3 2	12 35.93	− 6 44.1	1.812	2.719	10.3	22.8
3 12	12 28.33	− 5 42.1	1.750	2.715	6.3	22.6
3 22	12 19.36	− 4 27.4	1.716	2.710	1.9	22.3
4 1	12 9.98	− 3 6.7	1.711	2.704	3.0	22.3
4 11	12 1.25	− 1 48.1	1.735	2.697	7.4	22.6
4 21	11 54.07	− 0 38.7	1.785	2.689	11.5	22.8
5 1	11 49.06	+ 0 16.0	1.858	2.681	15.0	23.0

494806 2007 HZ_{39} 3 24.9 279.°29 5.°3/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.23	+ 7 41.3	1.397	2.267	15.2	21.5
3 2	12 37.97	+ 8 38.3	1.316	2.249	11.2	21.3
3 12	12 29.88	+ 9 40.2	1.259	2.230	7.2	21.0
3 22	12 19.77	+10 37.9	1.226	2.211	5.3	20.8
4 1	12 8.95	+11 21.3	1.219	2.192	8.1	20.9
4 11	11 58.93	+11 42.7	1.237	2.173	12.6	21.1
4 21	11 50.97	+11 38.7	1.276	2.153	17.0	21.3
5 1	11 45.94	+11 9.3	1.334	2.134	20.9	21.5

432230 2009 HD_{52} 3 24.9 335.°82 3.°0/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 33.34	−17 11.9	2.099	2.889	13.9	20.2
3 2	12 29.88	−15 58.6	2.005	2.884	10.9	20.0
3 12	12 24.73	−14 19.8	1.935	2.879	7.6	19.8
3 22	12 18.50	−12 19.2	1.892	2.874	4.2	19.6
4 1	12 11.99	−10 3.8	1.879	2.870	3.2	19.5
4 11	12 6.04	− 7 43.3	1.896	2.865	6.2	19.7
4 21	12 1.37	− 5 27.9	1.941	2.862	9.8	19.9
5 1	11 58.49	− 3 26.0	2.011	2.858	13.1	20.1

430496 2001 TM_{259} 3 24.9 134.°33 1.°8/23.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.93	+ 3 12.9	2.426	3.271	10.5	21.3
3 2	12 34.29	+ 3 36.1	2.356	3.277	7.5	21.1
3 12	12 27.13	+ 4 3.2	2.312	3.283	4.3	20.9
3 22	12 19.05	+ 4 30.4	2.296	3.289	1.8	20.7
4 1	12 10.78	+ 4 53.4	2.311	3.294	3.7	20.9
4 11	12 3.10	+ 5 8.6	2.355	3.300	6.9	21.1
4 21	11 56.64	+ 5 13.6	2.425	3.305	9.8	21.3
5 1	11 51.86	+ 5 7.2	2.518	3.310	12.4	21.4

163416 2002 RO_{37} 3 24.9 116.°00 1.°2/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 37.43	− 8 1.4	2.157	2.980	12.4	20.0
3 2	12 32.70	− 7 34.5	2.080	2.985	9.3	19.8
3 12	12 26.31	− 6 53.7	2.028	2.991	5.8	19.6
3 22	12 18.87	− 6 2.3	2.003	2.996	2.1	19.3
4 1	12 11.19	− 5 5.4	2.008	3.001	2.6	19.4
4 11	12 4.10	− 4 8.8	2.041	3.006	6.2	19.6
4 21	11 58.32	− 3 18.0	2.100	3.011	9.7	19.8
5 1	11 54.34	− 2 37.4	2.183	3.016	12.7	20.0

195564 2002 JC_{77} 3 24.9 338.°31 3.°8/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 34.78	−16 10.8	1.729	2.535	15.7	19.7
3 2	12 31.26	−15 36.9	1.644	2.530	12.5	19.4
3 12	12 25.69	−14 37.1	1.580	2.526	8.8	19.2
3 22	12 18.76	−13 13.9	1.541	2.521	5.1	19.0
4 1	12 11.43	−11 33.4	1.528	2.518	4.1	18.9
4 11	12 4.77	− 9 45.0	1.543	2.514	7.2	19.1
4 21	11 59.67	− 7 59.0	1.584	2.511	11.1	19.3
5 1	11 56.74	− 6 24.4	1.648	2.509	14.8	19.5

352609 2008 EA_{94} 3 24.9 276.°61 1.°7/22.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 33.84	+ 0 24.8	2.497	3.346	10.1	20.3
3 2	12 29.97	+ 1 35.0	2.411	3.335	7.2	20.1
3 12	12 24.69	+ 2 53.7	2.352	3.325	4.1	19.8
3 22	12 18.50	+ 4 15.8	2.322	3.315	1.8	19.7
4 1	12 12.05	+ 5 35.1	2.322	3.305	3.8	19.8
4 11	12 6.02	+ 6 45.8	2.351	3.294	7.0	20.0
4 21	12 1.02	+ 7 43.4	2.407	3.284	10.0	20.1
5 1	11 57.52	+ 8 25.3	2.485	3.274	12.6	20.3

426538 2013 RC_{77} 3 24.9 211.°92 0.°2/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.92	− 4 21.0	1.979	2.814	12.9	22.3
3 2	12 34.72	− 3 54.2	1.896	2.811	9.5	22.1
3 12	12 27.59	− 3 15.3	1.838	2.807	5.6	21.8
3 22	12 19.21	− 2 28.1	1.808	2.803	1.4	21.5
4 1	12 10.47	− 1 38.1	1.806	2.798	3.0	21.6
4 11	12 2.34	− 0 51.3	1.832	2.793	7.2	21.9
4 21	11 55.66	− 0 13.1	1.885	2.788	11.0	22.1
5 1	11 51.00	+ 0 12.8	1.960	2.783	14.3	22.3

413004 1999 VY_{121} 3 24.9 200.°00 0.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 40.74	− 5 3.5	2.133	2.961	12.3	22.8
3 2	12 35.20	− 4 23.8	2.047	2.957	9.1	22.6
3 12	12 27.83	− 3 31.2	1.985	2.952	5.4	22.4
3 22	12 19.26	− 2 29.9	1.952	2.947	1.3	22.1
4 1	12 10.34	− 1 25.5	1.949	2.941	2.9	22.2
4 11	12 1.99	− 0 24.5	1.975	2.934	6.9	22.4
4 21	11 55.00	+ 0 27.7	2.027	2.926	10.6	22.6
5 1	11 49.94	+ 1 6.9	2.103	2.917	13.8	22.8

306079 2010 GV_{127} 3 24.9 196.°47 4.°1/21.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 42.61	+ 6 41.0	1.863	2.719	12.6	21.5
3 2	12 36.74	+ 7 46.7	1.791	2.717	9.2	21.2
3 12	12 28.79	+ 8 56.7	1.744	2.714	5.7	21.0
3 22	12 19.49	+10 3.4	1.726	2.710	4.1	20.9
4 1	12 9.84	+10 59.0	1.735	2.705	6.4	21.0
4 11	12 0.94	+11 37.7	1.773	2.700	10.0	21.2
4 21	11 53.64	+11 56.2	1.834	2.694	13.4	21.4
5 1	11 48.57	+11 54.2	1.916	2.687	16.4	21.6

502522 2015 BO_{434} 3 24.9 198.°34 0.°1/25.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 39.86	− 3 29.4	2.028	2.865	12.5	21.8
3 2	12 34.60	− 3 11.8	1.949	2.864	9.2	21.5
3 12	12 27.49	− 2 43.6	1.895	2.864	5.4	21.3
3 22	12 19.18	− 2 8.6	1.868	2.863	1.3	21.0
4 1	12 10.56	− 1 31.5	1.869	2.862	2.9	21.1
4 11	12 2.57	− 0 57.7	1.900	2.861	7.0	21.4
4 21	11 55.98	− 0 31.6	1.956	2.859	10.7	21.6
5 1	11 51.37	− 0 16.5	2.035	2.858	13.8	21.8

165214 2000 SR_{29} 3 24.9 113.°53 1.°4/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 43.69	− 7 4.4	1.629	2.460	15.4	20.6
3 2	12 37.66	− 6 52.2	1.564	2.473	11.5	20.3
3 12	12 29.35	− 6 24.2	1.521	2.486	7.1	20.1
3 22	12 19.61	− 5 43.9	1.505	2.498	2.5	19.8
4 1	12 9.62	− 4 57.2	1.517	2.511	3.2	19.9
4 11	12 0.56	− 4 11.2	1.557	2.522	7.8	20.2
4 21	11 53.38	− 3 32.2	1.621	2.534	11.9	20.5
5 1	11 48.68	− 3 5.0	1.708	2.545	15.5	20.7

39136 2000 WC_{61} 3 24.9 157.°12 1.°9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 38.76	+ 1 31.8	2.189	3.037	11.3	19.8
3 2	12 33.62	+ 2 23.8	2.119	3.042	8.1	19.6
3 12	12 26.83	+ 3 22.7	2.074	3.047	4.7	19.4
3 22	12 19.02	+ 4 23.2	2.058	3.051	2.0	19.2
4 1	12 10.99	+ 5 19.3	2.072	3.055	4.1	19.4
4 11	12 3.58	+ 6 5.7	2.114	3.058	7.5	19.6
4 21	11 57.47	+ 6 38.6	2.182	3.062	10.8	19.8
5 1	11 53.17	+ 6 56.1	2.272	3.064	13.5	20.0

316766 1999 TW_{45} 3 24.9 176.°81 0.°6/25.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 41.39	− 6 1.5	2.021	2.848	13.0	22.2
3 2	12 35.72	− 5 30.9	1.942	2.850	9.6	21.9
3 12	12 28.14	− 4 46.8	1.886	2.852	5.8	21.7
3 22	12 19.34	− 3 53.1	1.859	2.853	1.6	21.4
4 1	12 10.23	− 2 55.2	1.861	2.854	2.8	21.5
4 11	12 1.77	− 1 59.6	1.892	2.854	7.0	21.8
4 21	11 54.77	− 1 11.8	1.949	2.853	10.7	22.0
5 1	11 49.81	− 0 36.1	2.030	2.851	13.9	22.2

433902 2015 BN_{444} 3 24.9 72.°25 4.°1/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2 21	12 44.50	−13 51.5	1.891	2.685	15.0	20.7
3 2	12 37.92	−14 15.3	1.834	2.713	11.8	20.5
3 12	12 29.35	−14 20.8	1.800	2.742	8.2	20.3
3 22	12 19.60	−14 9.1	1.792	2.770	5.0	20.2
4 1	12 9.71	−13 43.2	1.813	2.798	4.3	20.2
4 11	12 0.75	−13 8.9	1.862	2.825	6.9	20.4
4 21	11 53.51	−12 32.3	1.937	2.852	10.1	20.7
5 1	11 48.53	−11 59.1	2.035	2.879	13.0	20.9

33649 1999 JR_{83} 3 24.9 223.°60 5.°2/18.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.42	+11 7.9	2.150	3.011	11.0	19.2
3 2	12 33.52	+12 36.1	2.078	3.003	8.2	19.0
3 12	12 26.85	+14 5.3	2.033	2.995	5.8	18.9
3 22	12 19.04	+15 27.7	2.016	2.986	5.4	18.8
4 1	12 10.92	+16 35.8	2.028	2.976	7.4	18.9
4 11	12 3.37	+17 24.1	2.067	2.966	10.2	19.1
4 21	11 57.13	+17 50.4	2.129	2.956	13.1	19.3
5 1	11 52.78	+17 54.4	2.211	2.945	15.5	19.4

500013 2011 QN_{35} 3 24.9 169.°86 2.°0/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.71	+ 5 33.2	2.889	3.726	9.2	21.6
3 2	12 36.10	+ 5 43.1	2.812	3.729	6.7	21.4
3 12	12 28.13	+ 5 54.4	2.763	3.731	3.9	21.2
3 22	12 19.32	+ 6 4.0	2.744	3.734	2.0	21.1
4 1	12 10.33	+ 6 8.9	2.756	3.736	3.5	21.2
4 11	12 1.86	+ 6 6.5	2.799	3.737	6.3	21.4
4 21	11 54.48	+ 5 55.5	2.871	3.739	8.9	21.6
5 1	11 48.62	+ 5 35.2	2.966	3.739	11.1	21.7

160725 2000 QV_{176} 3 24.9 229.°43 0.°2/25.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.72	− 6 0.5	1.681	2.520	14.6	20.1
3 2	12 34.92	− 5 10.8	1.597	2.513	10.8	19.8
3 12	12 27.88	− 4 3.3	1.536	2.505	6.4	19.5
3 22	12 19.31	− 2 43.0	1.501	2.496	1.6	19.2
4 1	12 10.27	− 1 17.9	1.494	2.487	3.4	19.3
4 11	12 1.92	+ 0 2.9	1.515	2.478	8.3	19.5
4 21	11 55.22	+ 1 11.5	1.561	2.468	12.7	19.8
5 1	11 50.87	+ 2 2.5	1.629	2.458	16.5	20.0

172084 2002 CR_{88} 3 24.9 323.°17 0.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.12	− 4 7.7	2.199	3.036	11.7	20.1
3 2	12 31.80	− 3 42.3	2.114	3.030	8.6	19.9
3 12	12 25.83	− 3 6.2	2.055	3.024	5.1	19.7
3 22	12 18.81	− 2 22.8	2.023	3.018	1.2	19.4
4 1	12 11.47	− 1 37.1	2.020	3.012	2.7	19.5
4 11	12 4.66	− 0 54.2	2.045	3.007	6.5	19.7
4 21	11 59.05	− 0 18.8	2.096	3.001	10.0	19.9
5 1	11 55.20	+ 0 5.6	2.170	2.996	13.0	20.1

498849 2008 WT_{139} 3 24.9 198.°01 9.°2/ 6.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.86	−36 20.7	2.690	3.315	14.7	21.5
3 2	12 35.38	−36 58.2	2.591	3.312	13.3	21.3
3 12	12 28.00	−37 11.6	2.510	3.309	11.8	21.2
3 22	12 19.33	−36 58.0	2.450	3.305	10.3	21.1
4 1	12 10.22	−36 16.8	2.414	3.300	9.4	21.0
4 11	12 1.61	−35 11.1	2.403	3.295	9.3	21.0
4 21	11 54.32	−33 46.4	2.418	3.290	10.2	21.1
5 1	11 48.99	−32 10.3	2.456	3.284	11.6	21.1

130232 2000 BC_{50} 3 24.9 109.°19 1.°6/23.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 37.97	+ 0 22.9	2.045	2.894	11.9	20.7
3 2	12 33.15	+ 1 8.1	1.975	2.899	8.6	20.5
3 12	12 26.60	+ 2 1.4	1.931	2.903	4.9	20.3
3 22	12 18.98	+ 2 57.5	1.914	2.908	1.7	20.0
4 1	12 11.12	+ 3 50.4	1.926	2.912	3.9	20.2
4 11	12 3.92	+ 4 34.3	1.966	2.916	7.6	20.4
4 21	11 58.08	+ 5 5.5	2.032	2.921	11.0	20.7
5 1	11 54.12	+ 5 21.4	2.119	2.925	14.0	20.9

420281 2011 OH_{52} 3 24.9 298.°28 3.°2/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 31.68	−20 6.1	4.301	5.039	8.1	20.5
3 2	12 27.96	−20 11.3	4.196	5.030	6.7	20.4
3 12	12 23.37	−20 5.6	4.115	5.021	5.1	20.3
3 22	12 18.21	−19 49.5	4.061	5.012	3.8	20.2
4 1	12 12.88	−19 24.2	4.037	5.003	3.3	20.1
4 11	12 7.78	−18 51.9	4.041	4.994	4.0	20.2
4 21	12 3.28	−18 15.3	4.074	4.985	5.4	20.3
5 1	11 59.68	−17 37.4	4.134	4.976	7.0	20.4

275117 2009 VE_{57} 3 24.9 231.°17 0.°1/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.94	− 4 42.5	2.094	2.927	12.3	21.2
3 2	12 33.97	− 4 5.3	2.005	2.918	9.1	20.9
3 12	12 27.16	− 3 15.2	1.940	2.908	5.4	20.7
3 22	12 19.14	− 2 16.5	1.903	2.898	1.3	20.4
4 1	12 10.72	− 1 14.6	1.895	2.887	2.9	20.5
4 11	12 2.84	− 0 16.0	1.916	2.876	7.0	20.7
4 21	11 56.28	+ 0 33.7	1.963	2.864	10.8	20.9
5 1	11 51.64	+ 1 10.4	2.033	2.852	14.0	21.1

241321 2007 VQ_{94} 3 24.9 323.°13 4.°0/20.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.54	+ 9 0.0	2.094	2.953	11.3	20.2
3 2	12 34.29	+ 9 40.7	2.024	2.950	8.3	20.0
3 12	12 27.27	+10 21.9	1.980	2.948	5.3	19.8
3 22	12 19.14	+10 57.8	1.964	2.946	4.0	19.7
4 1	12 10.77	+11 23.0	1.976	2.944	5.9	19.8
4 11	12 3.05	+11 33.5	2.016	2.942	9.0	20.0
4 21	11 56.72	+11 27.6	2.080	2.940	12.0	20.2
5 1	11 52.31	+11 5.2	2.165	2.938	14.7	20.3

460060 2014 OZ_{213} 3 24.9 148.°04 3.°8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.00	−13 45.5	1.758	2.560	15.7	21.6
3 2	12 37.18	−13 45.4	1.682	2.568	12.3	21.4
3 12	12 29.12	−13 24.6	1.628	2.575	8.5	21.2
3 22	12 19.60	−12 44.7	1.600	2.581	4.8	21.0
4 1	12 9.72	−11 49.9	1.599	2.588	4.2	21.0
4 11	12 0.64	−10 47.7	1.627	2.593	7.4	21.2
4 21	11 53.31	− 9 45.7	1.680	2.598	11.2	21.4
5 1	11 48.38	− 8 51.0	1.756	2.603	14.7	21.6

96015 2004 PO_7 3 24.9 174.°91 0.°2/25.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 39.12	− 5 2.4	2.406	3.231	11.2	21.6
3 2	12 33.80	− 4 27.2	2.325	3.234	8.3	21.5
3 12	12 26.93	− 3 41.1	2.270	3.237	4.9	21.2
3 22	12 19.07	− 2 47.8	2.243	3.238	1.2	21.0
4 1	12 10.96	− 1 52.0	2.247	3.239	2.5	21.1
4 11	12 3.39	− 0 59.0	2.280	3.240	6.1	21.3
4 21	11 57.02	− 0 13.5	2.341	3.240	9.4	21.5
5 1	11 52.33	+ 0 21.2	2.426	3.239	12.2	21.7

69237 1978 VR_6 3 24.9 206.°56 3.°0/22.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.87	+ 4 17.7	1.910	2.761	12.6	20.1
3 2	12 36.93	+ 5 5.6	1.832	2.756	9.1	19.8
3 12	12 28.92	+ 5 59.3	1.779	2.751	5.4	19.6
3 22	12 19.56	+ 6 52.5	1.755	2.745	3.0	19.4
4 1	12 9.82	+ 7 38.4	1.759	2.738	5.3	19.5
4 11	12 0.78	+ 8 11.2	1.791	2.730	9.1	19.8
4 21	11 53.30	+ 8 27.6	1.849	2.722	12.7	20.0
5 1	11 48.01	+ 8 26.3	1.927	2.713	15.8	20.2

424662 2008 RL_{25} 3 24.9 210.°14 1.°1/23.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 38.10	− 1 28.0	2.243	3.084	11.4	22.1
3 2	12 33.20	− 0 37.8	2.159	3.079	8.2	21.9
3 12	12 26.65	+ 0 22.2	2.102	3.073	4.7	21.7
3 22	12 19.02	+ 1 27.2	2.072	3.067	1.3	21.4
4 1	12 11.08	+ 2 31.3	2.073	3.061	3.4	21.5
4 11	12 3.68	+ 3 28.6	2.102	3.054	7.1	21.8
4 21	11 57.51	+ 4 14.4	2.158	3.047	10.5	22.0
5 1	11 53.10	+ 4 45.7	2.237	3.039	13.4	22.1

91496 1999 RT_{141} 3 25.0 275.°26 6.°4/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 42.04	−19 21.9	1.950	2.718	15.5	19.1
3 2	12 36.58	−20 6.8	1.857	2.711	12.9	18.9
3 12	12 28.87	−20 31.6	1.786	2.704	9.9	18.7
3 22	12 19.59	−20 34.4	1.740	2.697	7.3	18.5
4 1	12 9.71	−20 16.0	1.720	2.689	6.5	18.4
4 11	12 0.38	−19 40.5	1.727	2.682	8.1	18.5
4 21	11 52.60	−18 54.7	1.759	2.675	11.0	18.6
5 1	11 47.12	−18 6.1	1.815	2.667	14.0	18.8

502695 2015 DU_{10} 3 25.0 311.°05 5.°7/19.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 36.79	+ 9 35.3	1.659	2.532	13.0	20.6
3 2	12 32.84	+10 58.6	1.582	2.515	9.6	20.3
3 12	12 26.70	+12 25.5	1.530	2.497	6.6	20.1
3 22	12 19.07	+13 46.6	1.503	2.480	5.9	20.0
4 1	12 10.96	+14 52.4	1.504	2.463	8.3	20.1
4 11	12 3.52	+15 35.6	1.529	2.447	11.9	20.3
4 21	11 57.68	+15 52.9	1.576	2.431	15.5	20.5
5 1	11 54.15	+15 44.0	1.641	2.415	18.6	20.6

64730 2001 XL_{116} 3 25.0 192.°40 2.°8/22.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 43.78	+ 3 37.4	1.889	2.739	12.8	19.4
3 2	12 37.58	+ 4 24.5	1.814	2.737	9.3	19.2
3 12	12 29.30	+ 5 17.8	1.763	2.735	5.4	19.0
3 22	12 19.65	+ 6 11.0	1.741	2.732	2.8	18.8
4 1	12 9.66	+ 6 57.6	1.748	2.728	5.1	18.9
4 11	12 0.41	+ 7 31.5	1.783	2.724	9.0	19.1
4 21	11 52.76	+ 7 49.3	1.843	2.718	12.7	19.3
5 1	11 47.34	+ 7 49.7	1.924	2.712	15.8	19.5

91524 1999 RN_{187} 3 25.0 176.°65 0.°9/24.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 40.28	− 0 50.9	2.160	3.001	11.8	19.4
3 2	12 34.80	− 0 23.7	2.083	3.002	8.5	19.2
3 12	12 27.57	+ 0 11.6	2.032	3.003	4.9	18.9
3 22	12 19.24	+ 0 50.9	2.008	3.004	1.2	18.7
4 1	12 10.63	+ 1 29.3	2.015	3.004	3.3	18.8
4 11	12 2.64	+ 2 1.7	2.049	3.004	7.1	19.1
4 21	11 55.99	+ 2 24.4	2.110	3.004	10.5	19.3
5 1	11 51.22	+ 2 34.9	2.194	3.003	13.4	19.5

370466 2003 DE_4 3 25.0 47.°88 5.°9/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
2 21	12 47.81	−14 13.9	1.564	2.364	17.4	20.4
3 2	12 41.00	−15 25.9	1.495	2.374	13.9	20.1
3 12	12 31.49	−16 19.0	1.448	2.385	10.1	19.9
3 22	12 20.20	−16 51.0	1.425	2.397	6.8	19.8
4 1	12 8.41	−17 2.3	1.430	2.409	6.2	19.8
4 11	11 57.58	−16 57.4	1.461	2.421	8.8	19.9
4 21	11 48.85	−16 42.8	1.517	2.433	12.3	20.2
5 1	11 42.98	−16 25.9	1.594	2.446	15.7	20.4