ASTRONOMISCHE NACHRICHTEN.

Band 214.

Nr. 5131-32.

19-20.

Beobachtungen am 27-zölligen Refraktor der Wiener Sternwarte. Von *J. Palisa*.

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p \cdot \Delta$	δ app.	$\log p \cdot \Delta$	Red. ad l. app.	*
25 Phocaea.										
Mai 29	10 ^h 51 ^m 56 ^s	-1 ^m 0 ^s 17	-2' 21.3	4	15 ^h 6 ^m 25.39	8.430	- 0° 54' 23.7	0.821	+3.21 - 6.8	1
79 Eurynome. Nov. 2 12 ^{mo} .										
Nov. 2	6 35 10	-0 22.56	+2 26.5	3	20 58 54.40	8.604	-13 7 12.2	0.885	+3.31 +21.6	2
2	7 35 9	-0 19.48	+2 30.9	3	20 58 57.48	9.157	-13 7 7.8	0.881	+3.31 +21.6	2
5	7 6 48	-0 11.28	-0 9.4	4	21 2 26.93	9.036	-13 0 14.4	0.883	+3.29 +21.3	3
86 Semele.										
Nov. 20	9 14 25	-3 6.29	+1 40.6	4	3 48 43.73	9.417 _n	+15 37 1.9	0.706	+5.07 + 9.1	4
99 Dike. 11 ^{mo} 5.										
April 16	10 58 46	+0 47.71	+3 5.4	4	11 59 45.98	8.799	+14 15 2.0	0.691	+2.67 -15.4	5
126 Velleda. März 23 12 ^{mo} .										
März 17	12 52 30	+1 0.25	+2 5.6	3	12 22 15.24	8.282	- 0 35 47.8	0.819	+2.70 -17.1	6
23	12 39 11	-0 29.62	+6 56.6	4	12 16 43.43	8.662	- 0 5 45.8	0.816	+2.74 -17.4	7
128 Nemesis. 11 ^{mo} .										
Mai 12	10 46 15	+1 10.73	+1 54.1	3	12 37 40.99	9.176	+ 3 33 33.2	0.791	+2.71 -14.7	8
183 Istria.										
Febr. 23	10 33 39	-1 6.17	-0 59.2	4	9 9 38.73	8.664 _n	+15 58 25.9	0.670	+2.65 -15.9	9
24	11 2 53	-1 40.32	-7 31.7	4	9 8 53.68	8.149	+16 12 26.1	0.666	+2.65 -15.9	10
184 Deiopeja. 12 ^{mo} 5.										
Aug. 8	14 9 17	-0 39.51	-0 50.6	4	22 34 10.12	8.879	- 9 6 26.8	0.867	+3.83 +25.6	11
9	12 33 51	-1 15.69	-4 6.3	4	22 33 33.95	8.908 _n	- 9 9 42.4	0.867	+3.84 +25.7	11
195 Eurykleia. 12 ^{mo} .										
Okt. 13	10 12 18	-1 9.65	-3 34.3	5	0 29 38.36	8.919 _n	+ 4 9 47.4	0.785	+4.28 +26.4	12
224 Oceana.										
Febr. 11	10 22 17	+1 15.01	-0 29.1	4	7 54 37.54	8.276 _n	+27 34 33.6	0.487	+2.78 -11.6	13
227 Philosophia.										
April 17	11 6 57	-2 15.44	-2 53.6	5	13 5 13.83	8.447 _n	-20 18 16.4	0.912	+3.17 -16.7	14
231 Vindobona. 12 ^{mo} 5.										
Febr. 8	11 32 7	+1 8.89	-1 53.5	5	9 25 42.82	8.886 _n	+19 36 4.3	0.625	+2.62 -16.3	15
9	10 36 32	+0 16.52	+0 57.3	4	9 24 50.46	9.217 _n	+19 38 55.2	0.637	+2.63 -16.2	15
235 Carolina. 12 ^{mo} .										
April 20	13 40 30	-1 11.32	-0 57.9	5	13 28 53.28	9.313	+ 0 53 24.0	0.810	+2.93 -14.5	16
237 Coelestina.										
März 23	10 7 25	+0 40.92	+7 11.8	4	11 49 47.68	9.231 _n	+17 24 34.9	0.666	+2.69 -17.1	17
25	12 49 31	+0 20.84	+1 34.4	5	11 48 1.33	9.122	+17 32 55.8	0.658	+2.69 -17.0	18
239 Adrastea.										
Okt. 9	9 59 52	-1 12.28	-5 17.5	4	23 18 48.94	8.033 _n	- 4 10 4.6	0.785	+4.08 +27.5	19
263 Dresda.										
Sept. 15	11 24 42	+1 44.54	+1 17.1	4	0 5 48.41	9.026 _n	+ 2 2 1.9	0.801	+4.11 +26.4	20
274 Philagoria.										
Mai 24	12 55 42	-0 20.49	-4 10.8	5	13 40 29.27	9.486	- 5 40 30.1	0.838	+3.02 -14.4	21
280 Philia. 13 ^{mo} 6.										
Jan. 25	9 39 40	+0 45.17	-5 34.8	4	7 42 21.17	9.324 _n	+32 53 37.0	0.421	+2.85 -11.1	22
26	7 12 11	-0 37.85	-3 34.8	4	7 41 29.19	9.618 _n	+32 53 38.3	0.605	+2.86 -11.1	23
288 Glauke.										
Nov. 13	13 22 25	+1 2.65	-0 46.5	4	3 4 18.30	9.262	+11 10 4.4	0.733	+4.84 +14.6	24
20	13 19 51	-1 48.35	-1 5.6	5	2 58 16.10	9.369	+10 48 40.8	0.741	+4.84 +14.8	25
306 Unitas.										
Febr. 24	13 45 40	+0 32.93	-0 32.2	4	11 10 27.92	8.922	+ 9 31 9.7	0.740	+2.55 -17.8	26

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
310 Margarita.										
Nov. 5	9 ^h 26 ^m 54 ^s	-1 ^m 21.61	+0' 19.5	5	0 ^h 37 ^m 32.96	8.301 _n	+ 6° 23' 10.1	0.767	+4.22 +26.1	27
10	9 38 1	+0 44.98	-5 28.4	5	0 35 15.60	8.567	+ 6 2 13.9	0.770	+4.24 +26.2	28
13	7 30 48	-2 8.12	+2 10.3	5	0 34 10.36	9.192 _n	+ 5 51 20.3	0.773	+4.23 +26.0	29
19	9 18 18	+2 23.24	+1 19.1	5	0 32 28.26	8.835	+ 5 32 33.2	0.774	+4.15 +25.9	30
313 Chaldaea. 12 ^m 5.										
Juli 25	13 33 9	-1 56.50	+1 52.7	4	21 22 17.02	8.620	- 2 55 19.5	0.834	+3.78 +22.0	31
316 Goberta. Okt. 11 13 ^m 0, Okt. 12 12 ^m 8.										
Okt. 11	14 ^h 39 15	-1 34.42	-3 58.1	5	2 41 9.90	9.133	+12 0 50.2	0.719	+4.45 +16.4	32
11	15 36 21	-1 35.63	-4 58	4	2 41 8.69	9.352	+12 0 42.5	0.731	+4.45 +16.4	32
12	19 44 23	-1 56.92	+3 8.0	4	2 40 39.31	9.391 _n	+11 58 57.6	0.734	+4.46 +16.5	33
348 May. 12 ^m 5.										
April 23	13 0 41	-3 22.15	+0 13.8	4	13 22 41.41	9.241	+ 5 44 47.2	0.778	+2.85 -14.1	34
366 Vincentina.										
Febr. 17	10 40 31	+0 4.68	-0 30.5	4	8 35 8.75	8.205 _n	+27 49 14.6	0.482	+2.98 -13.2	35
406 Erna. 12 ^m 5.										
Sept. 13	12 7 33	+0 53.18	+0 21.6	4	23 26 59.34	8.274	+ 1 0 35.9	0.808	+4.10 +27.4	36
15	10 50 13	+0 27.31	+3 36.9	4	23 25 24.48	8.984 _n	+ 0 54 8.0	0.809	+4.11 +27.5	37
419 Aurelia.										
April 30	10 58 42	-2 0.88	+3 15.4	4	9 55 12.17	9.508	+ 8 10 15.6	0.766	+2.09 -16.3	38
Mai 2	8 34 33	-1 14.14	+3 13.6	5	9 55 58.88	9.152	+ 8 10 13.8	0.754	+2.06 -16.3	38
423 Diotima.										
März 1	13 2 29	-1 38.44	-2 58.1	4	11 48 33.99	8.170 _n	+19 2 56.6	0.629	+2.53 -18.4	39
447 Valentine.										
Dez. 18	11 40 2	+0 29.43	-1 27.9	5	3 40 24.07	9.276	+18 53 23.0	0.650	+5.31 +10.3	40
32	9 41 33	-5 53.49	-0 50.2	3	3 34 1.09	8.909	+18 54 0.7	0.635	+5.25 +10.3	40
450 Brigitta.										
Nov. 9	12 43 59	+2 12.83	+2 26.2	5	2 24 14.77	9.232	+22 15 34.4	0.601	+5.05 +19.4	41
478 Tergeste. 11 ^m 8.										
Mai 25	11 26 12	+2 13.40	-2 33.5	4	14 43 41.47	8.991	-17 24 22.2	0.900	+3.47 -11.1	42
484 Pittsburghia.										
Juli 17	12 6 23	-3 3.42	-5 47.7	4	18 45 39.31	9.040	-15 37 12.4	0.893	+4.07 +12.7	43
18	11 1 31	-0 33.06	-0 34.1	5	18 44 51.79	7.600	-15 43 43.6	0.897	+4.08 +12.4	44
516 Amherstia. 11 ^m 0.										
Aug. 8	14 16 4	+2 25.13	-1 28.3	3	22 27 58.57	8.991	-10 28 15.1	0.872	+3.86 +25.6	45
9	13 22 27	+1 28.42	-2 2.9	6	22 27 1.87	8.158	-10 28 49.6	0.875	+3.87 +25.7	45
528 Rezia.										
Nov. 20	11 58 23	+1 45.08	-1 46.9	4	4 11 46.31	8.545 _n	+24 50 57.2	0.536	+5.44 + 6.5	46
20	12 44 23	+1 43.35	-1 44.6	2	4 11 44.58	8.770	+24 50 59.5	0.542	+5.44 + 6.5	46
543 Charlotte.										
Okt. 13	9 22 57	-1 16.08	+1 34.3	5	0 11 14.93	9.143 _n	+15 25 35.2	0.684	+4.39 +28.1	47
547 Praxedis. 13 ^m 5.										
März 25	11 32 6	+1 7.48	-2 1.5	5	11 0 3.41	8.867	- 2 59 8.8	0.834	+2.68 -19.3	48
554 Peraga.										
März 26	10 8 48	-1 39.36	+2 2.1	5	11 20 5.74	8.971 _n	- 0 17 53.3	0.817	+2.71 -18.7	49
562 Salome. 13 ^m 6.										
März 10	12 7 10	-2 3.90	-0 57.4	3	10 17 51.56	9.074	+26 59 4.1	0.513	+2.75 -15.8	50
569 Misa.										
Jan. 25	12 40 14	-0 46.18	+3 17.0	6	9 20 1.25	8.625 _n	+15 12 28.9	0.678	+2.43 -15.5	51
571 Dulcinea.										
Okt. 30	11 5 4	+0 21.74	+1 47.1	5	0 4 52.62	9.219	+ 3 55 6.9	0.789	+4.15 +27.4	52
31	9 44 57	+0 6.75	+3 40.0	4	0 4 37.63	8.527	+ 3 56 59.7	0.787	+4.15 +27.3	52
Nov. 10	6 52 52	-1 42.54	-4 28.4	5	0 4 10.26	9.272 _n	+ 4 19 14.3	0.785	+4.10 +27.2	53
602 Marianna.										
Okt. 25	9 36 19	-1 20.44	-3 9.5	4	1 51 40.89	9.385 _n	+36 20 0.5	0.352	+5.43 +21.0	54
26	8 52 9	-2 21.57	-3 56.5	4	1 50 39.77	9.492 _n	+36 19 13.7	0.413	+5.44 +21.2	54
30	6 38 40	+2 47.50	+3 52.3	4	1 46 36.70	9.654 _n	+36 13 18.4	0.602	+5.41 +22.2	55

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
Nov. 9	9 ^h 12 ^m 41 ^s	-0 ^m 1 ^s 89	-4' 51.9	4	1 ^h 37 ^m 2 ^s 68	9.159 _n	+35° 39' 31.3	0.310	+5.38 +25.2	56
20	8 26 52	-0 42.23	-1 5.6	5	1 29 24.38	9.122 _n	+34 41 28.2	0.338	+5.26 +27.3	57
Dez. 30	6 10 51	-1 2.90	-1 40.3	4	1 34 48.47	8.985 _n	+31 17 54.5	0.415	+4.81 +27.7	58
606 Brangäne.										
Jan. 20	8 44 6	-0 28.52	-5 9.0	4	6 39 29.19	9.354 _n	+30 5 22.3	0.492	+2.74 - 7.3	59
618 Elfriede.										
März 7	10 4 33	-1 34.22	-3 46.9	4	9 28 57.23	8.656 _n	+28 13 24.8	0.476	+2.76 -14.0	60
624 Hektor.										
April 18	9 1 42	+0 47.47	+3 53.1	-	11 15 44.37	8.672 _n	- 1 49 45.1	0.826	+2.59 -18.9	61
638 Moira.										
März 17	11 41 43	-0 31.48	+3 26.0	-	10 8 18.02	9.128	+21 52 10.2	0.601	+2.67 -15.7	62
674 Rachele.										
März 1	12 40 31	-2 38.36	-3 11.6	-	11 51 34.00	8.788 _n	+23 34 32.6	0.564	+2.52 -18.6	63
683 Lanzia. 13 ^{mo} .										
Aug. 23	10 30 35	-1 4.01	-3 6.3	-	19 43 55.81	8.961	- 1 54 11.7	0.828	+3.84 +20.7	64
690 Wratislavia.										
Okt. 13	9 3 42	+0 40.79	-0 41.4	-	0 20 28.47	9.276 _n	+19 12 52.2	0.648	+4.48 +27.9	65
714 [1911 LW]. 12 ^{mo} 7.										
Aug. 23	10 8 21	-1 3.92	+3 29.2	-	20 7 59.62	8.135	+ 2 12 8.9	0.799	+3.85 +22.7	66
720 [1911 MW].										
Juli 20	12 13 25	+0 26.42	+0 59.1	-	20 15 18.83	8.174 _n	-23 32 11.4	0.918	+4.19 +19.5	67
21	11 46 34	-0 15.57	-1 51.3	-	20 14 36.85	8.751 _n	-23 35 1.8	0.920	+4.20 +19.5	67
734 Benda.										
Febr. 23	12 59 36	+2 26.24	-0 32.6	-	11 6 25.07	7.782	+ 9 26 34.6	0.739	+2.55 -17.7	68
23	14 2 42	+2 24.21	-0 22.7	-	11 6 23.04	9.056	+ 9 26 44.5	0.742	+2.55 -17.7	68
24	13 8 15	+1 39.06	+3 12.4	-	11 5 37.90	8.456	+ 9 30 19.5	0.738	+2.56 -17.8	68
752 [1913 RL].										
Febr. 17	11 26 57	+0 36.00	+1 59.8	-	7 32 32.17	9.276	+28 2 18.2	0.516	+2.71 - 9.7	69
753 Tiflis. 11 ^{mo} 5.										
April 27	13 18 35	-1 1.54	+7 28.5	-	13 3 48.86	9.397	+ 5 46 6.3	0.782	+2.82 -14.6	70
28	11 24 17	-1 52.60	+4 39.4	-	13 2 57.80	8.910	+ 5 43 17.3	0.773	+2.82 -14.5	70
782 Montefiore. 13 ^{mo} 2.										
Jan. 20	10 19 14	-1 39.84	+4 57.8	-	7 14 21.67	9.053 _n	+27 35 36.9	0.500	+2.72 - 8.8	71
796 Sarita.										
Febr. 25	8 37 3	+1 16.64	-2 10.9	-	9 25 8.33	9.510 _n	+42 23 6.6	0.227	+3.10 -12.9	72
813 Baumeia.										
Febr. 24	11 58 45	-0 44.78	-0 23.5	-	9 48 54.59	8.654	+24 51 0.2	0.541	+2.73 -16.2	73
24	13 20 42	-0 48.43	-0 10.0	-	9 48 50.94	9.286	+24 51 13.7	0.573	+2.73 -16.2	73
25	12 42 24	+2 8.00	-1 23.7	-	9 47 48.62	9.130	+24 54 24.1	0.550	+2.74 -16.1	74
26	9 10 9	+1 14.44	+1 15.3	-	9 46 55.06	9.381 _n	+24 57 3.2	0.587	+2.74 -16.0	74
März 15	9 15 33	+1 19.31	-3 12.7	-	9 31 48.35	8.915 _n	+25 12 13.0	0.538	+2.66 -14.0	75
825 [1916 ZL]. 13 ^{mo} 2.										
Aug. 8	11 59 42	+0 13.25	-2 22.8	1	21 10 5.38	7.522 _n	-19 55 35.1	0.911	+4.18 +23.3	76
8	13 4 25	+0 10.66	-2 38.0	2	21 10 2.79	9.055	-19 55 50.3	0.905	+4.18 +23.3	76
9	11 3 51	-0 45.18	-7 59.6	6	21 9 6.95	8.979 _n	-20 1 11.9	0.908	+4.18 +23.3	76
834 Burnhamia.										
März 26	11 5 13	+1 5.99	-5 9.4	4	11 26 39.30	7.957 _n	+ 2 46 58.9	0.795	+2.70 -18.4	77
853 [Σ28]. Juli 18 13 ^{mo} 0.										
Juli 18	10 37 22	-1 11.41	-4 59.3	5	19 51 56.84	9.172 _n	- 4 58 44.8	0.844	+3.86 +17.6	78
21	11 10 49	-0 52.63	+2 3.5	4	19 49 13.88	8.845 _n	- 5 13 49.0	0.847	+3.89 +17.8	79
858 [1916 a]. April 12 13 ^{mo} 3.										
April 12	13 27 7	-2 28.61	+6 46.6	4	11 5 0.28	9.539	+19 14 11.5	0.707	+2.58 -14.7	80
15	11 24 29	+0 31.42	+0 38.5	5	11 3 50.82	9.302	+19 7 36.7	0.652	+2.55 -14.4	81
17	10 24 56	-1 18.79	-4 27.0	5	11 3 11.26	9.061	+19 2 17.4	0.637	+2.53 -14.2	82
20	9 1 37	-4 20.53	+4 42.7	4	11 2 22.90	8.063 _n	+18 52 52.6	0.618	+2.51 -14.0	83
23	9 59 24	+2 26.80	+2 49.5	5	11 1 47.05	9.056	+18 41 34.4	0.641	+2.45 -13.7	84
Mai 6	10 58 29	-0 23.28	-1 51.0	5	11 1 50.93	9.452	+17 36 5.8	0.694	+2.32 -12.8	85

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
Mai 11	10 ^h 10 ^m 44 ^s	-1 ^m 19 ^s 20	-1' 55" 1	5	11 ^h 2 ^m 57 ^s 60	9.384	+17° 4' 51".4	0.686	+2.26 -12.6	86
18	10 31 7	-0 24.39	-4 38.6	5	11 5 28.87	9.479	+16 16 0.2	0.713	+2.18 -12.1	87
866 [1917 BQ].										
Okt. 13	10 59 2	-2 39.60	+0 25.5	4	1 10 15.31	8.862 _n	-6 12 7.9	0.852	+4.18 +23.8	88
13	10 59 2	-3 29.35	+5 55.9	4	1 10 15.40	8.862 _n	-6 12 8.7	0.852	+4.18 +23.8	89
890 [1918 DK]. 13 ^m 8.										
Sept. 18	11 48 53	-0 29.19	+5 0.0	3	23 2 37.05	8.797	-8 2 5.6	0.862	+4.10 +27.4	90
906 Repsolda.										
Febr. 18	7 37 14	+2 2.37	-4 26.5	5	8 30 16.15	9.540 _n	+36 4 18.0	0.462	+2.96 -11.4	91
907 Barnardiana.										
April 12	14 33 23	+2 1.96	-4 22.7	5	13 29 56.99	9.250	+4 32 50.2	0.785	+2.82 -14.9	92
15	12 20 34	+0 55.06	+4 58.1	4	13 26 49.93	8.694	+4 26 51.0	0.782	+2.84 -14.8	93
909 [1919 FA].										
April 20	14 20 9	+2 42.04	-2 47.3	4	12 46 58.73	9.504	+13 56 21.9	0.738	+2.74 -14.4	94
925 Alphonsina. Febr. 13 11 ^m 5, März 25 12 ^m 0, April 13 12 ^m 0.										
Febr. 6	11 36 24	+3 47.79	-3 31.8	4	7 38 36.63	9.040	+19 54 6.9	0.624	+2.63 -11.9	95
8	9 54 53	-2 0.22	+4 3.8	5	7 36 46.64	8.752 _n	+19 41 29.3	0.623	+2.63 -12.0	96
13	10 6 15	-0 23.60	+3 3.1	5	7 32 29.98	7.877	+19 8 49.9	0.628	+2.59 -11.7	97
16	11 42 20	-1 16.50	-5 16.6	4	7 30 14.82	9.298	+18 49 1.9	0.654	+2.57 -11.7	98
19	7 34 12	+0 35.74	-1 8.5	5	7 28 26.50	9.317 _n	+18 30 57.3	0.661	+2.53 -11.5	99
23	9 25 16	-1 28.00	+2 7.0	4	7 26 17.99	8.194	+18 5 9.0	0.642	+2.49 -11.6	100
26	8 32 56	-0 25.88	-1 22.5	5	7 25 5.50	8.739 _n	+17 46 45.6	0.647	+2.44 -11.5	101
März 2	9 24 8	-0 49.41	+3 1.1	5	7 23 43.23	8.870	+17 16 10.9	0.655	+2.37 -11.6	102
6	9 17 45	+2 28.24	+0 31.5	4	7 23 13.10	8.961	+16 52 32.1	0.662	+2.30 -11.5	103
10	10 6 29	-1 24.35	+1 8.1	4	7 23 13.76	9.297	+16 29 11.8	0.681	+2.24 -11.7	104
16	11 2 15	+2 14.16	-1 39.3	5	7 24 10.14	9.486	+15 55 9.8	0.718	+2.13 -11.6	105
21	9 0 45	-1 3.40	+2 58.7	4	7 25 42.68	9.197	+15 28 0.0	0.686	+2.06 -11.9	106
25	7 43 1	+1 52.60	-0 17.7	4	7 27 24.96	8.682	+15 6 33.2	0.680	+1.98 -11.9	107
April 4	9 58 43	+0 7.64	-1 8.8	4	7 23 29.71	9.494	+14 12 8.1	0.734	+1.83 -12.3	108
13	8 41 32	+0 16.24	-2 58.8	5	7 40 40.53	9.384	+13 23 30.2	0.722	+1.70 -12.6	109
17	8 16 22	-0 45.91	+0 38.1	4	7 44 20.37	9.346	+13 1 21.9	0.722	+1.65 -12.7	110
25	8 32 49	-1 11.06	+1 3.6	5	7 52 28.88	9.441	+12 15 40.2	0.739	+1.56 -13.1	111
28	8 35 14	+1 12.20	+3 20.1	5	7 55 45.85	9.461	+11 57 55.2	0.746	+1.54 -13.1	112
926 [1920 GN].										
Febr. 24	9 16 22	+1 57.29	-1 37.7	5	9 15 12.66	9.363 _n	+41 10 27.7	0.161	+3.07 -12.6	113
25	7 42 31	+1 4.46	-1 55.0	3	9 14 19.82	9.593 _n	+41 10 10.6	0.375	+3.06 -12.4	113
März 8	8 37 33	-0 18.20	-0 8.4	1	9 4 48.63	9.260 _n	+40 45 35.8	0.132	+2.97 -10.2	114
9	8 13 28	+0 28.80	+0 15.0	4	9 4 13.09	9.348 _n	+40 42 9.1	0.175	+2.96 -10.0	115
15	7 36 5	-1 3.47	+3 23.4	6	9 1 7.94	9.355 _n	+40 15 42.3	0.215	+2.87 -9.2	116
17	11 5 7	-1 42.54	+1 55.3	4	9 0 16.18	9.357	+40 4 34.8	0.207	+2.84 -8.9	117
22	11 11 10	-3 24.05	-4 44.3	5	8 58 52.27	9.444	+39 35 19.4	0.278	+2.73 -8.4	118
25	10 7 49	+0 54.62	+5 38.4	5	8 58 25.63	9.246	+39 16 6.0	0.197	+2.68 -7.9	119
April 8	10 57 57	+0 21.64	+4 24.5	4	8 59 55.28	9.552	+37 29 40.0	0.433	+2.39 -7.0	120
15	10 33 49	+0 7.28	-3 2.8	4	9 2 44.16	9.548	+36 29 20.0	0.454	+2.26 -7.0	121
927 [1920 GO]. Febr. 24 12 ^m 5, April 12 13 ^m 0, Mai 8 13 ^m 5.										
Febr. 24	10 41 0	-1 2.52	+3 56.0	4	10 0 45.96	9.102 _n	+28 24 11.2	0.487	+2.76 -16.4	122
26	9 34 46	-0 11.77	+0 34.9	4	9 58 53.04	9.356 _n	+28 22 43.6	0.524	+2.77 -16.1	123
29	15 4 44	+0 30.86	+1 14.4	5	9 55 52.76	9.565	+28 18 44.3	0.622	+2.78 -15.7	124
März 2	10 6 40	-1 5.97	-1 53.2	5	9 54 15.93	9.101 _n	+28 15 36.8	0.490	+2.78 -15.6	124
6	10 6 24	+1 23.94	+2 11.8	4	9 50 50.11	8.959 _n	+28 6 19.6	0.486	+2.77 -15.0	125
10	10 31 47	+0 44.26	-2 38.0	4	9 47 41.05	7.749 _n	+27 54 1.7	0.481	+2.75 -14.5	126
15	11 34 55	+1 52.40	+3 2.4	4	9 44 12.57	9.198	+27 34 32.1	0.512	+2.71 -13.9	127
22	10 22 4	+0 46.48	-6 13.9	4	9 40 26.24	8.903	+27 0 51.0	0.501	+2.64 -13.2	128
25	8 46 58	-0 11.13	+2 23.3	4	9 39 13.47	8.886 _n	+26 44 27.7	0.510	+2.60 -13.0	129
April 4	8 52 25	+2 9.81	-2 53.2	4	9 36 49.35	8.117	+25 40 36.7	0.524	+2.45 -12.1	130
12	8 35 22	+0 1.73	-1 47.5	4	9 36 48.58	8.603	+24 42 27.5	0.543	+2.33 -11.8	131
17	8 49 35	-0 41.65	+5 23.8	5	9 37 37.48	9.004	+24 3 15.6	0.562	+2.25 -11.6	132

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p \cdot \Delta$	δ app.	$\log p \cdot \Delta$	Red. ad l. app.	*
April 28	9 ^h 11 ^m 4 ^s	-1 ^m 26 ^s 99	-4' 43.3	6	9 ^h 41 ^m 26 ^s 61	9.312	+22° 31' 22.5	0.610	+2 ^s 09 -11.4	133
30	9 39 39	-1 9.81	+1 43.7	5	9 42 25.50	9.414	+22 13 48.7	0.632	+2.04 -11.3	134
Mai 8	9 44 7	+0 4.01	-5 21.1	4	9 47 2.92	9.477	+21 2 14.9	0.665	+1.95 -11.2	135
13	9 48 51	+1 37.40	-2 36.3	6	9 50 29.48	9.510	+20 16 8.0	0.685	+1.88 -10.9	136
19	9 57 28	+1 28.04	-4 3.3	4	9 56 8.52	9.545	+19 19 27.9	0.709	+1.83 -11.2	137
928 [1920 GP]. März 1 und 9 12 ^m 5.										
März 1	11 27 31	+1 1.63	-4 46.9	5	9 55 6.39	8.272	+22 36 40.0	0.577	+2.72 -16.2	138
6	11 57 6	+1 24.42	-4 7.9	5	9 51 56.11	9.061	+23 19 17.8	0.576	+2.72 -15.7	139
7	11 40 53	+0 49.60	+3 37.9	1	9 51 21.28	8.977	+23 27 3.7	0.570	+2.71 -15.6	139
9	10 13 12	-0 31.54	+4 34.6	4	9 50 14.92	8.717 _n	+23 41 39.4	0.562	+2.71 -15.5	140
15	10 58 4	-0 1.85	+2 12.6	4	9 47 17.58	8.910	+24 21 35.7	0.555	+2.68 -14.7	141
22	9 58 27	-0 47.84	+1 13.2	5	9 44 52.67	8.409	+24 57 3.3	0.538	+2.63 -13.9	142
25	9 10 29	-1 15.18	-0 3.3	4	9 44 12.55	8.633 _n	+25 8 46.9	0.535	+2.60 -13.7	143
April 4	8 32 52	-0 25.76	-1 1.7	4	9 43 36.42	8.567 _n	+25 34 2.1	0.528	+2.47 -12.4	144
11	10 8 55	-0 6.83	+4 57.4	3	9 44 42.90	9.278	+25 39 42.6	0.556	+2.38 -11.8	145
16	8 47 52	-0 51.46	-1 1.3	5	9 46 14.25	8.880	+25 38 10.4	0.530	+2.31 -11.4	146
17	9 14 33	-0 28.39	-1 50.8	4	9 46 37.31	9.119	+25 37 21.0	0.541	+2.30 -11.3	146
25	9 41 3	-1 45.95	-1 3.8	5	9 50 28.98	9.351	+25 24 50.7	0.574	+2.19 -10.6	147
30	8 44 34	+0 43.13	+1 53.1	5	9 53 34.26	9.195	+25 12 20.4	0.554	+2.11 -10.4	148
30	10 7 31	+0 45.37	+1 43.9	2	9 53 36.50	9.462	+25 12 11.2	0.608	+2.11 -10.4	148
Mai 13	9 16 1	-2 39.39	+1 1.8	6	10 3 50.34	9.435	+24 24 16.4	0.610	+1.97 -9.9	149
20	9 32 16	-1 46.14	+1 28.6	5	10 10 30.42	9.510	+23 50 18.5	0.645	+1.90 -9.6	150
930 Westphalia. 13 ^m 5.										
März 26	10 31 49	-1 59.73	+1 57.5	5	11 10 34.29	8.588 _n	-1 26 19.1	0.825	+2.69 -19.0	151
932 [1920 GV]. März 23 12 ^m 2.										
März 23	12 22 11	+0 33.70	-0 3.5	3	12 26 12.80	6.946	-0 13 10.5	0.817	+2.74 -17.2	152
23	13 49 56	+0 30.01	+0 7.6	3	12 26 9.11	9.169	-0 12 59.4	0.816	+2.74 -17.2	152
25	12 2 39	-1 27.85	+5 58.5	5	12 24 11.26	8.186 _n	-0 7 8.5	0.816	+2.75 -17.2	152
April 5	9 26 43	-0 3.77	-2 40.9	4	12 13 17.43	9.262 _n	+0 23 1.6	0.813	+2.78 -17.5	153
12	11 38 42	-0 30.48	+0 0.2	4	12 6 51.93	8.969	+0 38 0.8	0.811	+2.76 -17.6	154
16	12 11 17	+0 57.33	+1 17.4	4	12 3 36.96	9.246	+0 44 11.1	0.811	+2.74 -17.7	155
25	11 18 36	-1 59.40	+1 28.2	5	11 57 41.07	9.200	+0 50 28.6	0.803	+2.69 -17.4	156
27	9 49 14	-3 0.26	+1 21.6	4	11 56 40.20	8.398	+0 50 22.1	0.809	+2.68 -17.3	156
Mai 6	9 45 21	+1 23.09	-0 26.9	4	11 53 14.91	8.925	+0 43 5.7	0.810	+2.58 -17.1	157
8	10 20 45	+4 34.62	-1 16.2	4	11 52 46.78	9.191	+0 39 58.0	0.811	+2.55 -17.1	158
12	9 17 52	-1 10.05	-1 16.3	5	11 52 10.62	8.900	+0 32 13.2	0.811	+2.55 -16.8	159
18	10 3 24	-1 33.03	+0 23.3	4	11 52 2.50	9.279	+0 16 7.3	0.813	+2.50 -16.5	160
19	9 12 28	-1 28.95	-2 34.4	5	11 52 6.56	9.065	+0 13 9.9	0.813	+2.48 -16.2	160
24	10 48 28	+1 52.66	+2 24.6	5	11 52 50.23	9.451	-0 4 31.7	0.815	+2.42 -16.4	161
933 [1920 GZ]. Mai 12 13 ^m 3.										
Mai 12	11 13 25	-1 13.93	-1 10.5	4	13 17 27.24	9.111	-1 48 58.8	0.826	+2.92 -14.2	162
13	10 13 32	-1 51.58	-2 32.5	5	13 16 49.58	8.574	-1 50 20.8	0.827	+2.91 -14.2	162
18	12 26 10	-0 10.80	-3 55.2	4	13 13 48.88	9.438	-1 59 33.7	0.825	+2.88 -14.1	163
24	11 25 35	-0 13.28	-0 30.5	5	13 10 59.86	9.360	-2 14 31.0	0.827	+2.85 -14.0	164
934 [1920 HK]. Sept. 2 12 ^m 5, Sept. 13 13 ^m 0, Okt. 5 13 ^m 6, Okt. 7 13 ^m 5, Okt. 16 13 ^m 6.										
Sept. 2	8 50 17	+1 50.07	-6 7.9	5	20 50 53.04	9.120 _n	-19 30 46.4	0.904	+4.20 +21.6	165
4	9 12 28	+0 19.03	+2 25.5	5	20 49 21.98	8.766 _n	-19 22 13.0	0.905	+4.18 +21.6	165
6	9 3 0	-1 37.66	+4 10.4	4	20 47 59.14	8.884 _n	-19 13 24.6	0.906	+4.17 +21.5	166
9	9 15 45	-1 44.31	+2 41.1	5	20 46 6.26	8.466 _n	-18 59 28.9	0.907	+4.14 +21.3	167
13	9 34 3	-5 11.83	+0 48.8	4	20 44 2.10	8.556	-18 39 57.1	0.906	+4.10 +21.3	168
16	9 4 58	-1 6.50	+4 42.6	7	20 42 49.79	7.857	-18 24 37.5	0.906	+4.06 +20.9	169
18	9 21 15	-2 41.26	+5 37.0	4	20 42 11.13	8.713	-18 13 56.0	0.905	+4.03 +20.5	170
Okt. 1	7 11 41	-2 37.94	+2 8.9	2	20 41 8.90	8.937 _n	-16 59 27.3	0.899	+3.83 +20.7	171
5	7 26 14	-1 47.98	+3 40.7	5	20 41 53.84	8.534 _n	-16 34 28.4	0.899	+3.76 +20.6	172
7	7 47 30	+1 39.40	-2 26.3	5	20 42 27.50	8.227	-16 21 42.5	0.899	+3.73 +20.7	173
10	8 58 22	+0 14.18	-2 37.3	4	20 43 31.21	9.200	-16 1 48.2	0.891	+3.67 +20.6	174
12	7 43 10	-1 49.78	-0 39.7	5	20 44 21.19	8.608	-15 48 52.8	0.896	+3.64 +20.7	175

1920	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p/\Delta$	δ app.	$\log p/\Delta$	Red. ad l. app.	*
Okt. 14	8 ^h 38 ^m 18 ^s	-1 ^m 23 ^s 07	-1' 43".1	5	20 ^h 45 ^m 19 ^s 91	9.169	-15° 35' 5".3	0.890	+3 ^s 61 +20 ^s 7	176
15	7 6 43	-0 16.35	+0 8.9	5	20 46 21.75	-∞	-15 21 50.1	0.676	+3.57 +20.6	177
29	6 25 43	-0 11.66	+0 40.8	4	20 55 41.74	7.216	-13 47 36.4	0.889	+3.38 +21.0	178
935 [1920 HM]. Sept. 23 13 ^m 8.										
Sept. 13	12 37 3	-0 22.76	+0 43.6	4	22 58 32.33	9.067	- 6 27 35.3	0.852	+4.09 +27.4	179
15	10 19 40	-2 18.36	-4 56.2	6	22 56 36.74	9.001 _n	- 6 33 15.0	0.854	+4.10 +27.5	179
16	10 44 3	-0 28.40	-6 1.4	6	22 55 35.99	8.701 _n	- 6 36 5.5	0.855	+4.10 +27.5	180
18	10 32 20	-1 34.75	+0 40.3	4	22 53 39.09	8.730 _n	- 6 41 32.6	0.855	+4.10 +27.5	181
936 [1920 HN]. Sept. 16 13 ^m 0, Okt. 5 13 ^m 5, Okt. 12 13 ^m 2.										
Sept. 16	12 19 47	+3 42.46	+0 12.7	6	0 16 16.46	8.382 _n	- 1 57 21.6	0.828	+4.08 +26.5	182
17	12 23 15	+2 57.72	-4 20.3	4	0 15 31.73	8.011 _n	- 2 1 54.6	0.828	+4.09 +26.5	182
22	13 17 56	-2 34.18	+2 29.2	4	0 11 42.67	9.086	- 2 24 36.4	0.830	+4.12 +26.6	183
24	11 43 27	-0 9.04	+4 52.7	4	0 10 13.93	8.345 _n	- 2 33 11.5	0.831	+4.13 +26.7	184
Okt. 5	10 24 20	-1 14.42	-3 40.1	4	0 2 6.06	8.842 _n	- 3 17 36.7	0.830	+4.16 +26.9	185
7	11 26 58	+2 53.50	+3 12.1	4	0 0 41.08	8.727	- 3 24 43.4	0.836	+4.15 +27.0	186
10	10 42 10	+0 55.60	-6 25.1	5	23 58 43.18	-∞	- 3 34 20.7	0.837	+4.15 +26.9	186
12	9 45 59	+0 59.47	+4 36.7	5	23 57 29.43	8.903 _n	- 3 40 4.5	0.838	+4.14 +26.8	187
14	10 33 44	-0 13.07	-0 53.0	4	23 56 16.89	8.229	- 3 45 34.2	0.839	+4.14 +26.8	187
937 [1920 HO]. Sept. 17 12 ^m 5, Okt. 5 13 ^m 0, Okt. 12 12 ^m 8.										
Sept. 17	9 40 5	-0 55.32	+4 18.5	4	23 15 57.59	9.258 _n	+ 3 42 33.0	0.791	+4.13 +27.8	188
18	11 27 54	-1 45.40	-3 36.2	4	23 15 7.51	7.696	+ 3 34 38.4	0.789	+4.13 +27.9	188
22	10 19 24	+2 23.69	-4 28.1	4	23 12 14.45	8.903 _n	+ 3 4 58.5	0.793	+4.13 +28.2	189
30	9 53 45	-1 58.19	-8 49.0	5	23 7 24.64	8.793 _n	+ 2 6 2.1	0.800	+4.11 +28.5	190
Okt. 5	9 49 9	-0 17.65	+1 55.9	6	23 5 15.61	8.516 _n	+ 1 32 2.2	0.804	+4.08 +28.5	191
10	10 5 4	+1 24.24	+2 3.1	5	23 3 53.46	8.506	+ 1 1 28.7	0.808	+4.04 +28.5	192
12	9 14 32	+2 19.08	-2 19.6	4	23 3 35.09	8.525 _n	+ 0 50 42.3	0.807	+4.02 +28.5	193
14	9 42 27	+1 57.69	-1 45.7	4	23 3 24.19	8.289	+ 0 40 21.1	0.810	+4.01 +28.5	194
16	9 1 48	-0 54.03	+0 21.4	5	23 3 21.88	8.561 _n	+ 0 31 5.4	0.811	+4.02 +28.4	195
28	9 20 32	+0 29.79	+0 16.5	3	23 5 56.70	8.853	- 0 7 18.5	0.816	+3.90 +27.9	196
29	8 48 47	+0 54.87	-1 25.9	3	23 6 21.77	8.369	- 0 9 1.0	0.816	+3.89 +27.8	196
Nov. 5	9 52 55	+2 27.52	-3 0.4	3	23 10 10.55	9.226	- 0 15 14.6	0.816	+3.81 +27.5	197
9	7 8 58	-0 30.21	-1 15.5	6	23 12 53.13	8.924 _n	- 0 14 6.7	0.817	+3.81 +27.3	198
13	8 25 22	+0 54.63	-0 48.5	5	23 16 6.90	8.829	- 0 9 43.3	0.816	+3.77 +27.1	199
Dez. 3	7 47 44	-0 45.02	+1 11.4	1	23 37 11.16	9.005	+ 0 56 13.3	0.808	+3.67 +25.7	200
938 [1920 HQ]. Okt. 14 13 ^m 8.										
Okt. 7	11 49 17	-1 37.04	+0 20.6	4	23 24 49.22	9.177	- 7 42 13.7	0.858	+4.09 +26.9	201
8	10 45 48	-0 31.63	+5 3.1	4	23 24 21.01	8.717	- 7 45 3.3	0.861	+4.08 +26.9	202
11	9 55 13	-1 52.80	-2 40.5	5	23 22 59.83	8.097 _n	- 7 52 47.1	0.861	+4.07 +26.7	202
14	11 6 34	+1 46.58	-0 15.6	4	23 21 47.56	9.118	- 7 59 13.3	0.860	+4.04 +26.6	203
939 [1920 HR].										
Okt. 16	10 59 26	+0 10.34	-2 6.5	4	0 34 30.70	7.965	+ 8 8 14.4	0.751	+4.35 +26.5	204
30	10 18 6	+1 14.73	-2 34.8	5	0 25 29.65	8.684	+ 7 11 43.0	0.761	+4.27 +27.1	205
31	10 7 23	+0 49.95	-5 38.3	5	0 25 4.86	8.572	+ 7 8 39.5	0.770	+4.26 +27.1	205
Nov. 5	10 37 18	+0 42.63	-0 3.8	5	0 23 28.35	9.092	+ 6 55 41.5	0.764	+4.23 +27.1	206
10	9 4 34	-0 45.48	-0 43.2	1	0 22 45.48	6.935 _n	+ 6 47 13.6	0.764	+4.20 +26.8	207
13	8 48 45	-0 47.34	-3 37.8	5	0 22 43.60	7.786 _n	+ 6 44 18.7	0.763	+4.18 +26.5	207
19	8 43 10	+0 38.63	+2 30.1	6	0 23 35.00	8.371	+ 6 43 42.9	0.763	+4.13 +26.6	208
940 [1920 HT]. Nov. 10 13 ^m 0.										
Okt. 16	12 56 32	-0 24.84	-2 37.9	5	2 10 55.03	8.656	+ 6 43 45.8	0.764	+4.41 +19.8	209
24	10 7 13	+0 8.33	+2 47.3	4	2 4 50.61	9.244 _n	+ 6 22 40.6	0.771	+4.48 +20.4	210
30	12 27 55	-2 58.67	+2 23.0	5	2 0 7.26	9.034	+ 6 8 12.1	0.770	+4.51 +20.4	211
Nov. 5	12 23 39	+2 51.88	-1 33.8	4	1 55 38.97	9.166	+ 5 56 25.2	0.773	+4.51 +21.1	212
10	12 16 9	+0 42.19	-1 54.8	5	1 52 11.10	9.233	+ 5 49 1.8	0.776	+4.52 +21.0	213
13	12 17 40	-1 13.36	-5 12.0	4	1 50 15.55	9.288	+ 5 45 44.5	0.778	+4.52 +20.9	213
19	10 32 26	+0 21.93	-3 24.7	6	1 46 51.57	8.835	+ 5 42 12.9	0.772	+4.47 +21.0	214
Dez. 30	9 42 19	+1 1.83	+2 56.0	2	1 42 47.64	9.392	+ 7 10 10.7	0.772	+4.23 +19.2	215

Datum	M. Z. Wien	$\Delta\alpha$	$\Delta\delta$	Vgl.	α app.	$\log p\Delta$	δ app.	$\log p\Delta$	Red. ad l. app.	*
1921										
Jan. 15	7 ^h 7 ^m 37 ^s	-0 ^m 14 ^s 38	-0' 50 ^s 5	3	1 ^h 50 ^m 20 ^s 93	8.980	+ 8° 27' 32 ^s 2	0.750	+0 ^s 96 + 0 ^s 1	216
27	7 58 12	-1 7.81	-3 28.8	4	1 58 40.99	9.372	+ 9 39 50.4	0.745	+0.86 - 0.6	217
1920-21		941 [1920 HV].		Okt. 10	13 ^m 2.					
Okt. 10	14 17 2	-1 37.26	-0 50.0	4	2 40 9.34	8.979	+11 3 1.2	0.726	+4.41 +16.6	218
10	15 15 27	-1 39.03	-0 50.5	4	2 40 7.57	9.279	+11 3 0.7	0.734	+4.41 +16.6	218
11	12 5 40	-2 15.21	-1 14.2	5	2 39 31.41	9.096 _n	+11 2 37.1	0.728	+4.43 +16.7	218
12	11 8 5	+1 51.28	-0 20.9	5	2 38 49.86	9.318 _n	+11 2 9.2	0.737	+4.45 +17.1	219
14	11 35 1	+0 19.89	-1 25.9	4	2 37 18.50	9.181 _n	+11 1 4.3	0.731	+4.48 +17.2	219
16	13 20 54	-1 19.25	-2 41.9	6	2 35 39.38	8.654	+10 59 48.4	0.724	+4.50 +17.3	219
24	9 25 7	-2 34.45	-4 11.1	6	2 28 49.13	9.434 _n	+10 54 9.4	0.749	+4.60 +18.0	220
30	11 37 19	+1 10.09	+0 22.8	5	2 23 6.88	8.244 _n	+10 49 49.4	0.725	+4.64 +18.9	221
Nov. 5	14 11 22	-4 32.15	-2 50.1	4	2 17 24.69	9.437	+10 46 36.5	0.750	+4.69 +18.9	221
9	13 15 3	-0 17.85	-3 2.1	4	2 13 52.12	9.376	+10 45 34.4	0.744	+4.69 +19.6	222
13	12 47 42	-0 41.87	+0 21.2	5	2 10 31.90	9.323	+10 45 43.0	0.740	+4.69 +19.7	223
18	12 52 14	+2 50.53	-0 59.7	5	2 6 45.71	9.400	+10 47 59.8	0.742	+4.68 +20.4	224
Jan. 1	6 18 10	-1 48.07	-1 38.9	1	2 3 45.47	9.034 _n	+13 12 1.2	0.705	+1.27 + 3.7	225
1	8 55 43	-1 44.25	-1 1.7	6	2 3 49.29	9.212	+13 12 38.4	0.709	+1.27 + 3.7	225
1920		942 [1920 HW].								
Nov. 5	13 38 46	-2 19.66	+2 33.1	5	2 4 1.68	9.388	+ 1 41 53.6	0.806	+4.45 +19.5	226
10	10 59 6	-0 23.32	-2 21.1	5	2 0 11.45	8.485	+ 1 45 39.1	0.803	+4.45 +19.8	227
13	10 29 0	-2 34.21	+1 40.3	4	1 58 0.57	7.463	+ 1 49 40.3	0.802	+4.46 +19.6	227
19	12 8 22	-0 17.45	+6 7.8	4	1 54 3.06	9.321	+ 2 2 5.0	0.804	+4.44 +19.7	228
1920		943 [1920 HX].								
Nov. 19	10 59 6	-2 47.12	-1 15.0	4	1 44 55.05	9.067	- 7 17 6.5	0.856	+4.25 +18.4	229
1920-21		944 [1920 HZ].		Dez. 3	13 ^m 5.					
Nov. 19	7 35 34	-0 28.09	-4 42.0	4	0 20 28.71	8.951 _n	+14 46 38.9	0.686	+4.24 +28.9	230
Dez. 3	8 7 16	-1 5.86	-4 19.3	5	0 9 6.27	8.926	+17 45 29.0	0.650	+4.07 +30.1	231
Jan. 1	7 53 54	+1 7.33	-4 1.3	5	0 9 48.88	9.411	+24 12 0.2	0.606	+0.67 +10.6	232
1920		Zweiter Tempelscher Komet 1920b.								
Juli 21	14 35 58	+0 4.03	+6 12.5	4	1 55 10.62	9.480 _n	- 1 17 18.6	0.821	+2.41 +15.1	233
25	14 20 49	+0 36.13	-1 25.1	8	2 4 23.80	9.508 _n	- 1 28 54.0	0.821	+2.48 +15.7	234
Aug. 18	14 25 54	+3 9.93	-4 20.5	4	2 46 36.54	9.384 _n	- 3 41 55.3	0.834	+2.91 +16.7	235
18	14 25 54	-1 14.05	+5 42.2	4	2 46 36.61	9.384 _n	- 3 41 53.3	0.834	+2.90 +16.5	236
Sept. 7	13 24 32	+0 8.38	-5 13.8	4	3 1 23.06	9.380 _n	- 6 48 33.1	0.848	+3.28 +17.9	237
Okt. 8	13 31 25	-0 59.95	-6 54.6	3	2 47 28.97	8.073 _n	-11 32 24.2	0.718	+3.89 +19.1	238

Mittlere Örter der Vergleichsterne bezogen auf den Jahresanfang.

*	α	δ	Autorität	*	α	δ	Autorität
1	15 ^h 6 ^m 59 ^s 35	- 0° 51' 55 ^s 6	-0° 29' 38; Alg ph 933.16	15	9 ^h 24 ^m 31 ^s 31	+19° 38' 14 ^s 1	1)
2	20 59 13.65	-13 10 0.3	Cbr M. 7464	16	13 30 1.67	+ 0 54 36.4	Abb ₈ , EB. -0° 00' 64 -0° 06' 1
3	21 2 34.92	-13 0 26.3	Cbr M. 7483	17	11 49 4.07	+17 17 40.2	Berl A 4548, Abb ₄₋₆
4	3 51 44.95	+15 35 12.2	Bord ph 773.88; 875.25	18	11 47 37.80	+17 31 38.4	+17° 24' 07, Bord ph 461.19
5	11 58 55.60	+14 12 12.0	Bord ph 795.81	19	23 19 57.14	- 4 5 14.6	Strb 8046
6	12 21 12.29	- 0 37 36.3	Abb _{7,8,11}	20	0 3 59.76	+ 2 0 18.4	AN 89.361
7	12 17 10.31	- 0 12 25.0	BoVI +0° 29' 30	21	13 40 46.74	- 5 36 4.9	Strb 4926
8	12 36 27.55	+ 3 31 53.8	Abb _{8,11}	22	7 41 33.15	+32 59 22.9	Lei 3261
9	9 10 42.25	+15 59 41.0	10 ^m Bord ph 382.199; 923.11	23	7 42 4.18	+32 57 24.2	Lei 3262
10	9 10 31.35	+16 20 13.7	1)	24	3 3 10.81	+11 10 36.3	2)
11	22 34 45.80	- 9 6 1.8	Ott 8076	25	2 59 59.61	+10 49 31.6	Tou ₈ 840
12	0 30 43.73	+ 4 12 55.3	+3° 67 Wien 1920.8 v. m. a	26	11 9 52.44	+ 9 31 59.7	10 ^m Mittel aus
a	0 26 39.12	+ 4 14 11.4	Alb 91	11	9 52.40	+ 9 31 59.3	Tou ph 84.38 und
13	7 53 19.75	+27 35 14.3	2)		52.49	60.1	Wien 1920.2 v. m. b
14	13 7 26.10	-20 15 6.1	CiZ 2316	b	11 7 53.94	+ 9 31 44.6	Tou ₈ 3133

1) Berl A 3737, Bord ph 382.195, 923.7.

2) 9^m 5 Oxf ph +27° 20' 148, 20865; +28° 23' 731, 24113.1) Berl A 3824, Abb₅, 7, EB. +0° 00' 28 +0° 03' 3.

2) +10° 41' 6 Düsseld. 1920.9 v. m. Kü 1323.

*	α	δ	Autorität
27	$0^h 38^m 50^s 35$	$+ 6^\circ 22' 24.5$	Tou ₄ 97
28	$0 34 26.38$	$+ 6 7 16.1$	Tou ₈ 156
29	$0 36 14.25$	$+ 5 48 44.0$	10 ^m Wien 1920.8 v. m. c
c	$0 31 46.91$	$+ 5 55 19.2$	Tou ₈ 143
30	$0 30 0.87$	$+ 5 30 48.2$	Lpz II 173
31	$21 24 9.74$	$- 2 57 34.2$	Abb ₈₋₉
32	$2 42 39.87$	$+ 12 4 31.9$	Lpz I 814
33	$2 42 31.77$	$+ 11 55 33.1$	Tou ₈ 762
34	$13 26 0.71$	$+ 5 44 47.5$	Lpz II 6422
35	$8 35 1.09$	$+ 27 49 58.3$	1)
36	$23 26 2.06$	$+ 0 59 46.9$	9 ^m 5 Harv Z 77-78.87
37	$23 24 53.06$	$+ 0 50 3.6$	Abb _{8,9,10} EB. $+0^s0037 -0^s112$
38	$9 57 10.96$	$+ 8 7 16.5$	Tou ₈ 2796
39	$11 50 9.90$	$+ 19 6 13.1$	$+19^\circ 25'15$, AN 134.363
40	$3 39 49.33$	$+ 18 54 40.6$	Abb _{4,5}
41	$2 21 56.89$	$+ 22 12 48.8$	Par ph 313.225, 831.30
42	$14 41 24.60$	$- 17 21 37.6$	Wa 5450
43	$18 48 38.66$	$- 15 31 37.4$	Wa 6971
44	$18 45 20.77$	$- 15 43 21.9$	Wa 6946
45	$22 25 29.58$	$- 10 27 12.4$	Cbr M. 7941
46	$4 9 55.79$	$+ 24 52 37.6$	2)
47	$0 12 26.62$	$+ 15 23 32.8$	Berl A 50, Lpz I 57
48	$10 58 53.25$	$- 2 56 48.0$	Abb _{7,8,11} EB. $+0^s0103 -0^s129$
49	$11 21 42.39$	$- 0 19 36.7$	Abb _{8,11}
50	$10 19 52.71$	$+ 27 0 17.3$	3)
51	$9 20 45.00$	$+ 15 9 27.4$	4)
52	$0 4 26.73$	$+ 3 52 52.4$	Alb 12, Abb ₈₋₈
53	$0 5 48.70$	$+ 4 23 15.5$	5)
54	$1 52 55.90$	$+ 36 22 49.0$	Lu 890
55	$1 43 43.79$	$+ 36 9 3.9$	Lu 791
56	$1 36 59.19$	$+ 35 43 58.0$	Kü 702
57	$1 30 1.35$	$+ 34 42 6.5$	Lei 569
58	$1 35 46.56$	$+ 31 19 7.1$	Lei 616, Kuffn 6.35
59	$6 39 54.97$	$+ 30 10 38.6$	Gr ₁₉₁₀ 3325
60	$9 30 28.69$	$+ 28 17 25.7$	Gr ₁₉₁₀ 4740
61	$11 14 54.31$	$- 1 53 19.3$	9 ^m Alg ph 1507.134
62	$10 8 46.83$	$+ 21 48 59.9$	Abb _{1,3,4}
63	$11 54 9.84$	$+ 23 38 2.8$	Abb _{1,3}
64	$19 44 55.98$	$- 1 51 26.1$	Abb _{8,7,9,11}
65	$0 19 43.20$	$+ 19 13 5.7$	Abb _{4,5} EB. $-0^s0049 -0^s028$
66	$20 8 59.69$	$+ 2 8 17.0$	Sj 7883
67	$20 14 48.22$	$- 23 33 30.0$	6)
68	$11 3 56.28$	$+ 9 27 24.9$	Tou ₄ 1725
69	$7 31 53.46$	$+ 28 0 28.1$	Cbr E. 4067
70	$13 4 47.58$	$+ 5 38 52.4$	Ci ₁₂ 749
71	$7 15 58.79$	$+ 27 30 47.9$	Gr ₁₉₁₀ 3724
72	$9 23 48.59$	$+ 42 25 30.4$	7)
73	$9 49 36.64$	$+ 24 51 39.9$	Oxf ph $+25^\circ 36'183$, Par ph 625.9
74	$9 45 37.88$	$+ 24 56 3.9$	Gr ₁₉₁₀ 4832
75	$9 30 26.38$	$+ 25 15 39.7$	Gr ₁₉₁₀ 4739

1) $+28^\circ 16'34$, Oxf ph $+27^\circ 22'560$, $+28^\circ 25'780$.2) $+24^\circ 6'39$, Oxf ph $+25^\circ 11'571$, $+25^\circ 11'791$, Par ph 124.32.3) 11^m, Oxf ph $+27^\circ 26'097$, $+28^\circ 30'731$.4) Berl A 3799, Bord ph 924.59, 1016.58, 1017.2; EB. $+0^s0043 -0^s071$.5) Alb 17, RC₀₀ 4, Tou₈ 21, EB. $+0^s055$.6) CPD— $23^\circ 7'709$, Wien 1920.6 v. m. Cord A 14037, 14038, 14071.7) $+42^\circ 20'14$, Hels ph 394 59, 398.31.

*	α	δ	Autorität
76	$21^h 9^m 47^s 95$	$- 19^\circ 53' 35.6$	$-20^\circ 6'161$ Wien 1920.6 v. m. d
d	$21 12 41.23$	$- 19 50 26.5$	Rbg 4820, Ci Z 3571
77	$11 25 30.61$	$+ 2 52 26.7$	II 10y 3111
78	$19 53 4.39$	$- 4 54 3.1$	1)
79	$19 50 2.62$	$- 5 16 10.3$	Strb 6858
80	$11 7 26.31$	$+ 19 7 39.6$	Abb _{8,6} , EB. -0^s034
81	$11 3 16.85$	$+ 19 7 12.6$	Abb _{8,6} , EB. $-0^s0039 -0^s034$
82	$11 4 27.52$	$+ 19 6 58.6$	Abb _{8,6}
83	$11 6 40.92$	$+ 18 48 23.9$	Abb _{4,6,7}
84	$10 59 17.80$	$+ 18 38 58.6$	Berl A 4342
85	$11 2 11.85$	$+ 17 38 8.4$	Bord ph Anhaltstern
	11.93	10.9	Wien 1920.4 v. m. c
	$11 2 11.89$	$+ 17 38 9.6$	angenommen
e	$11 4 27.28$	$+ 17 38 16.2$	Abb _{8,7} , EB. $-0^s0014 -0^s134$
86	$11 4 14.54$	$+ 17 6 59.1$	10 ^m Bord ph 392.54
87	$11 5 51.08$	$+ 16 20 50.9$	2)
88	$1 12 50.73$	$- 6 12 57.2$	Ott 256
89	$1 13 40.57$	$- 6 18 28.4$	Ott 259
90	$23 3 2.14$	$- 8 7 33.0$	Ott 8217
91	$8 28 10.82$	$+ 36 8 55.9$	Lu 4278
92	$13 27 52.21$	$+ 4 37 27.8$	Abb ₈₋₈ , EB. $-0^s0075 -0^s034$
93	$13 25 52.03$	$+ 4 22 7.7$	10 ^m Wien 1920.3 v. m. f
f	$13 29 47.03$	$+ 4 20 26.0$	Alb 4749
94	$12 44 13.95$	$+ 13 59 23.6$	Boss 3334
95	$7 34 46.21$	$+ 19 57 50.6$	Berl A 2956, Berl B 3055
96	$7 38 44.23$	$+ 19 37 37.5$	Berl A 2993, Abb _{8,7}
97	$7 32 50.99$	$+ 19 5 58.5$	Abb _{8,7} , EB. $-0^s0023 -0^s076$
98	$7 31 28.75$	$+ 18 54 30.2$	Berl A 2924
99	$7 27 48.23$	$+ 18 32 17.3$	Abb _{8,7}
100	$7 27 43.50$	$+ 18 3 13.6$	Abb _{8,7}
101	$7 25 28.90$	$+ 17 48 19.8$	$+17^\circ 15'88$, Bord ph 378.131
	28.97	19.3	Wien 1920.2 v. m. g
	$7 25 28.94$	$+ 17 48 19.6$	angenommen
g	$7 28 59.53$	$+ 17 45 56.4$	Berl A 2900, Abb _{8,7}
102	$7 24 30.27$	$+ 17 13 21.4$	$+17^\circ 15'84$, Bord ph 378.102
103	$7 20 42.56$	$+ 16 52 12.1$	3)
104	$7 24 35.87$	$+ 16 28 15.4$	Bord ph 224.232, 378.312
105	$7 21 53.85$	$+ 15 57 0.7$	Bord ph 224.436, 378.253
106	$7 26 44.02$	$+ 15 25 13.2$	Berl A 2875
107	$7 25 30.38$	$+ 15 7 2.8$	Berl A 2867, Kü 3293
108	$7 33 20.24$	$+ 14 13 29.2$	Ci ₂ 505
109	$7 40 22.59$	$+ 13 26 41.6$	$+13^\circ 17'52$ Wien 1920.3 v. m. h
h	$7 42 51.21$	$+ 13 25 45.3$	Lpz I 3090
110	$7 45 4.63$	$+ 13 0 56.5$	Kü 3441
111	$7 53 38.38$	$+ 12 14 49.7$	Lpz I 3178
112	$7 54 32.11$	$+ 11 54 48.2$	Lpz I 3185
113	$9 13 12.30$	$+ 41 12 18.0$	Hels ph 387.71, 390.26
114	$9 5 3.86$	$+ 40 45 54.4$	Hels ph 383.50
115	$9 3 41.33$	$+ 40 42 4.1$	Hels ph 379.114, 383.33
116	$9 2 8.54$	$+ 40 12 28.1$	4)
117	$9 1 55.88$	$+ 40 2 48.4$	5)
118	$9 2 13.59$	$+ 39 40 12.1$	$+39^\circ 22'04$, Helsph 379.43

1) Cp₀₀ 2475, Strb 6869, EB. nach Cp₀₀.2) Berl A 4372; Bord ph 398.102, 409.36, EB. -0^s0072 .3) $+16^\circ 14'70$; Bord ph 224.119, 545.289.4) Bo 2158; Hels ph 379.87, 383.13, EB. $+0^s0079$.5) $+40^\circ 21'57$; Hels ph 378.88, 383.14.

*	α	δ	Autorität
119	8 ^h 57 ^m 28 ^s .33	+39° 10' 35.5	Lu 4454
120	8 59 31.25	+37 25 22.5	10 ^m Wien 1920.3 v. m. <i>i</i>
<i>i</i>	9 2 42.74	+37 23 52.2	Par 11190, Lu 4499, Ku 4035
121	9 2 34.62	+36 32 29.8	Lu 4498
122	10 1 45.72	+28 20 31.6	Oxfph +28°30292, +29°28584
123	9 59 2.04	+28 22 24.8	Oxfph +28°29905, +29°28596
124	9 55 19.12	+28 17 45.6	Oxfph +28°29880, +29°28574
125	9 49 23.40	+28 4 22.8	Cbr E. 5136, Grw ₁₉₁₀ 4865
126	9 46 54.04	+27 56 54.2	Grw ₁₉₁₀ 4842
127	9 42 17.46	+27 31 43.6	Grw ₁₉₁₀ 4813
128	9 39 37.12	+27 7 18.1	1)
129	9 39 22.00	+26 42 17.4	2)
130	9 34 37.09	+25 43 42.0	3)
131	9 36 44.52	+24 44 26.8	4)
132	9 38 16.88	+23 58 3.4	Grw ₁₉₁₀ 4790
133	9 42 51.51	+22 36 17.2	10 ^m Par ph 882.166, 1610.43
134	9 43 33.27	+22 12 16.3	Par ph 882.173, 1610.50
135	9 46 56.96	+21 7 47.2	10 ^m Par ph 1610.243
136	9 48 50.20	+20 18 55.2	Abb _{5,7}
137	9 54 38.65	+19 23 42.4	+19°2287 Wien 1920.4 v. m. <i>k</i>
<i>k</i>	9 59 29.84	+19 20 23.8	5)
138	9 54 2.04	+22 41 43.1	Abb _{1,8}
139	9 50 28.97	+23 23 41.4	6)
140	9 50 43.75	+23 37 20.3	7)
141	9 47 16.75	+24 19 37.8	8)
142	9 45 37.88	+24 56 4.0	Grw ₁₉₁₀ 4832
143	9 45 25.13	+25 9 3.9	9)
144	9 43 59.71	+25 35 16.2	Cbr E. 5094
145	9 44 47.35	+25 34 57.0	Grw ₁₉₁₀ 4825
146	9 47 3.40	+25 39 23.1	10)
147	9 52 12.74	+25 26 5.1	Cbr E. 5150, Grw ₁₉₁₀ 4883
148	9 52 49.02	+25 10 37.7	Cbr E. 5159, Grw ₁₉₁₀ 4892
149	10 6 27.76	+24 23 24.5	11)
150	10 12 14.66	+23 48 59.5	ζ Leonis B. J. 384
151	11 12 31.33	- 1 27 57.6	-1°2503, Alg ph 671.153
152	12 25 36.36	- 0 12 49.8	+0°2948, Alg ph 241.9
153	12 13 18.42	+ 0 26 0.0	Abb _{8,10,11}
154	12 7 19.65	+ 0 38 18.2	Abb ₁₁
155	12 2 36.89	+ 0 43 11.4	Abb _{7,8,11} EB. -0°0078 -0°061
156	11 59 37.78	+ 0 49 17.8	9 ^m 8 Wien 1920.3 v. m. <i>l</i>
<i>l</i>	12 3 10.28	+ 0 52 3.3	Abb _{7,8,11} EB. -0°043
157	11 51 48.34	+ 0 43 49.7	10 ^m Wien 1920.4 v. m. 158
158	11 48 9.61	+ 0 41 31.3	Abb _{7,8,10,11}
159	11 53 18.12	+ 0 33 46.3	Harv Z 119-173.188
160	11 53 33.03	+ 0 16 0.5	12)
161	11 50 55.15	- 0 6 39.9	Abb _{8,10,11} EB. -0°083
162	13 18 38.25	- 1 47 34.1	-1°2809, Alg ph 699.102

1) +27°1803; Oxfph +27°24792, +28°28769.

2) Cbr E. 5073; Ku 4299; Oxfph +26°27000, +27°24757.

3) Cbr E. 5050; Ku 4268; Oxfph +25°35908, +26°26837; Grw₁₉₁₀ 4771.

4) +25°2137; Oxfph +25°35708, +25°35971; Par ph 167.25.

5) Berl A 4026; Abb₅₋₇, EB. -0°0117 -0°022.

6) +23°2158; Par ph 432.75, 625.101.

7) +23°2159; Par ph 432.77, 625.102.

8) +24°2146; Par ph 1659.67; Oxfph +25°36133.

9) Oxfph +25°36018, +25°36195, +26°27133.

10) +25°2167; Oxfph +25°36229, +26°27178.

11) +24°2191, Par ph 662.23, Oxfph +25°36586.

12) Mu, 7413, Ma, 4190, Harv Z 103-105.107.

*	α	δ	Autorität
163	13 ^h 13 ^m 56 ^s .80	- 1° 55' 24.4	Cp ₉₀ 1517
164	13 11 10.29	- 2 13 46.5	Abb _{6,8} EB. -0°0040
165	20 48 58.77	-19 25 0.1	1)
166	20 49 32.63	-19 17 56.5	CiZ 3501, Gou 28661
167	20 47 46.43	-19 2 31.3	CiZ 3497 EB. -0°0085 +0°116
168	20 49 9.83	-18 41 7.2	Par 29096
169	20 43 52.23	-18 29 41.0	Bord 6239
170	20 44 48.36	-18 19 53.5	Bord 6246
171	20 43 43.01	-17 1 56.9	Wa 7853, EB. -0°057
172	20 43 38.06	-16 38 29.7	Wa 7830
173	20 40 44.37	-16 19 36.9	Wa 7813
174	20 43 13.36	-15 59 31.5	Wa 7827
175	20 46 7.33	-15 48 33.8	Wa 7846
176	20 46 39.37	-15 33 42.9	Wa 7853
177	20 46 34.53	-15 22 19.6	Wa 7851
178	20 55 50.02	-13 48 38.2	Wa 7909
179	22 58 50.97	- 6 28 47.0	H ₂ 6574
	51.03	45.7	Wien 1920.7 v. m. <i>m</i>
	22 58 51.00	- 6 28 46.3	angenommen
<i>m</i>	22 57 45.52	- 6 23 45.6	2)
180	22 56 0.21	- 6 30 31.7	H ₂ 2999
	0.37	31.6	Wien 1920.7 v. m. <i>m</i>
	22 56 0.29	- 6 30 31.6	angenommen
181	22 55 9.74	- 6 42 40.4	H ₂ 6550
182	0 12 29.92	- 1 58 0.8	Abb ₈₋₈ EB. -0°010 -0°051
183	0 14 12.73	- 2 27 32.2	Abb ₈₋₈
184	0 10 18.84	- 2 38 30.9	Abb ₈₋₈
185	0 3 16.32	- 3 14 23.5	-3°5763 Wien 1920.8 v. m. <i>n</i>
<i>n</i>	0 3 6.09	- 3 9 37.2	Strb 13, Du ₈ 3
186	23 57 43.43	- 3 28 22.5	Boss 6169
187	23 56 25.82	- 3 45 8.0	Strb 8190
188	23 16 48.78	+ 3 37 46.7	+3°4853 Wien 1920.8 v. m. <i>o</i>
<i>o</i>	23 12 46.36	+ 3 30 31.3	Abb ₈₋₈
189	23 9 46.63	+ 3 8 58.4	Abb _{8,8,11} EB. +0°0024 +0°070
190	23 9 18.72	+ 2 14 22.6	Abb _{7,8} EB. +0°059
191	23 5 29.18	+ 1 29 37.8	Abb _{6,7,11} EB. +0°0060
192	23 2 25.18	+ 0 58 57.1	10 ^m Wien 1920.8 v. m. 193
193	23 1 11.99	+ 0 52 33.4	Abb _{6,8} EB. +0°054
194	23 1 22.49	+ 0 41 38.3	+0°4965 Wien 1920.8 v. m. <i>p</i>
<i>p</i>	22 57 10.91	+ 0 39 16.9	Abb _{6,7,10,11}
195	23 4 11.89	+ 0 30 15.6	10 ^m Wien 1920.8 v. m. <i>q</i>
<i>q</i>	23 9 22.91	+ 0 29 43.3	Abb _{6,10}
196	23 5 23.01	- 0 8 2.9	10 ^m Wien 1920.8 v. m. 197
197	23 7 39.22	- 0 12 41.7	Abb _{8,8} EB. -0°036
198	23 13 19.53	- 0 13 18.5	Alg ph 1751.5
199	23 15 8.50	- 0 9 21.9	Alg ph
200	23 37 52.51	+ 0 54 36.2	+0°5035 Harv Z 79.11
201	23 26 22.17	- 7 43 1.2	Ott 8333
202	23 24 48.56	- 7 50 33.3	Ott 8324
203	23 19 56.94	- 7 59 24.3	Ott 8304
204	0 34 16.01	+ 8 9 54.4	Tou ₄ 84
205	0 24 10.65	+ 7 13 50.7	Tou ₈ 106
206	0 22 41.49	+ 6 55 18.2	+6°48, AN 138.362
207	0 23 26.76	+ 6 47 30.0	Lpz II 134

1) Par 29093, CiZ 3500, II 109 5628.

2) Ya 10414, Ott 8188, EB. +0°0075 -0°071.

*	"	δ	Autorität
	1920.0	1920.0	
208	0 ^h 22 ^m 52 ^s 24	+ 6° 40' 46".2	Tou ₄ 57
209	2 11 15.46	+ 6 46 3.9	Tou ₄ 342
210	2 4 37.80	+ 6 19 32.9	Lpz II 813
211	2 3 1.42	+ 6 5 28.7	Lpz II 802
212	1 52 42.58	+ 5 57 37.9	Tou ₄ 291
213	1 51 24.39	+ 5 50 35.6	10 ^m Wien 1920.9 v. m. r
r	1 48 19.05	+ 5 50 18.5	Lpz II 709
214	1 46 25.17	+ 5 45 16.6	Tou ₈ 503
215	1 41 41.58	+ 7 6 55.5	+ 6° 26' 7" Wien 1921.0 v. m. s
s	1 47 31.67	+ 7 10 53.3	Tou ₄ 509
	1921.0	1921.0	
216	1 50 34.35	+ 8 28 22.6	Lpz II 729
217	1 59 47.94	+ 9 43 19.8	Lpz II 781, Tou ₄ 311, Kü 856
	1920.0	1920.0	
218	2 41 42.19	+ 11 3 34.6	+ 10° 36' 9" Wien 1920.8 v. m. 219
219	2 36 54.13	+ 11 2 13.0	Tou ₈ 730
220	2 31 18.98	+ 10 58 2.5	Tou ₈ 707
221	2 21 52.15	+ 10 49 7.7	Lpz I 710
222	2 14 5.28	+ 10 48 16.9	Tou ₈ 631
223	2 11 9.08	+ 10 45 2.1	10 ^m Wien 1920.9 v. m. 224
224	2 3 50.50	+ 10 48 39.1	Tou ₄ 321 EB. + 0° 05' 6"
	1921.0	1921.0	
225	2 5 32.27	+ 13 13 36.4	1)
t	2 5 12.55	+ 13 9 19.5	Kü 893
u	2 6 34.84	+ 13 18 44.6	Nizza 1894.5
	1920.0	1920.0	
226	2 6 16.89	+ 1 39 1.0	Abb _{7,8,11} EB. - 0° 03' 7" - 0° 08' 0"
227	2 0 30.32	+ 1 47 40.4	10 ^m Wien 1920.9 v. m. v
v	1 59 55.64	+ 1 54 4.3	Kü 857
228	1 54 16.07	+ 1 55 37.5	Abb ₇₋₉
229	1 47 37.92	- 7 16 9.9	Ott 386
230	0 20 52.56	+ 14 50 52.0	Bord ph 319.81
231	0 10 8.06	+ 17 49 18.2	Bord ph 306.17
	1921.0	1921.0	
232	0 8 40.88	+ 24 15 50.9	2)
	1920.0	1920.0	
233	1 55 4.18	- 1 23 46.2	Nic 393
234	2 3 45.19	- 1 27 44.6	- 1° 29' 4", Alg ph 10.70
235	2 43 23.70	- 3 37 51.5	Strb 670
236	2 47 47.76	- 3 47 52.0	Strb 686
237	3 1 11.40	- 6 43 37.2	- 6° 59' 9" Wien 1920.7 v. m. w
w	3 1 20.55	- 6 40 37.6	Ott 700
238	2 48 25.03	- 11 25 48.7	- 11° 53' 8" Wien 1920.8 v. m. x
x	2 50 22.37	- 11 24 53.4	Cbr M. 659

1) + 12° 29' 1" Wien 1921.0 v. m. t und u.

2) + 23° 14'; Par ph 29.77; Oxf ph + 25° 19', + 25° 33.4.

Ort und Eigenbewegung des Sterns BD + 89° 3. Von L. Courvoisier.

Der Polabstand der »Polarissima« (BD + 89° 37') beträgt gegenwärtig schon etwa 13' und vergrößert sich in den nächsten Jahren soweit, daß die bequeme jederzeitige Benutzung des Sterns zur Konstantenbestimmung bei Meridianinstrumenten bald in Frage gestellt erscheint. Es wird also nötig, sich nach einem Ersatz umzusehen. Ein solcher steht den lichtstärksten Meridianfernrohren noch auf längere Zeit hinaus in dem Stern BD + 89° 1 zur Verfügung. Für Instrumente

Ferner wurden gelegentlich folgende Sterne durch Anschluß bestimmt:

	α 1920.0	δ 1920.0	Autorität
239	2 ^h 19 ^m 14 ^s 13	+ 10° 48' 9".2	+ 10° 31' 9" Wien 1920.9 v. m. 221
240	9 57 11.95	+ 19 23 21.9	+ 19° 22' 89" Wien 1920.4 v. m. k
241	11 5 20.70	+ 18 48 45.6	10 ^m Wien 1920.4 v. m. 83
242	11 59 37.78	+ 0 49 17.7	10 ^m Wien 1920.4 v. m. l
243	11 59 39.72	+ 0 47 33.8	10 ^m Wien 1920.4 v. m. l
244	13 22 58.43	+ 5 45 52.2	+ 6° 27' 44" Wien 1920.3 v. m. 34

Beobachtungen veränderlicher Sterne.

UV Ophiuchi wurde beobachtet 1920 März 23 $v = e$; April 15 $v_3 > e$, $v < 2a$; April 20 $v < a$; Mai 2 $v < a$, $v_2 > d$; Mai 11 $v < a$, $v < b$; Mai 18 $v < 2a$; Juli 15 $v < 4a$; August 3 $v < 5a$, $v < d$; Sept. 2 $v < 2d$.

VV Aquilae: 1920 April 20 $v > c$; Mai 2 $v < 5c$, $v = 14^m$; Juli 15 äußerst schwache Spur; August 3 trotz großem Mond ist v sicher zu erkennen $v < a$, $v_2 > d$; Aug. 8 $v_2 > c$, $v < 5d$; Aug. 13 unverändert; Aug. 23 $v > d$; Sept. 2 $v < 2b$; Sept. 4 $v > b$, $v < 3a$; Sept. 6 $v_3 > b$, $v < 2a$; Sept. 7-9 $v_4 > b$, $v < a$; Sept. 13 $v > a$; Sept. 15, 16, 17 $v > 2a$; Sept. 18 $v_3 > a$; Sept. 22 v 10^m um 1^m $> a$ und gleich e ; Sept. 24 bis Okt. 5 $v > e$; Okt. 7 $v = e$, $v_3 > f$; Okt. 9, 10 $v_3 > f$; Okt. 12-16 $v_2 > f$; Okt. 24, 26 $v > f$, $v < a$, $v > 2b$; Nov. 2 $v < a$; Nov. 5 $v < 3a$, $v > b$; Nov. 10 $v < b$; Nov. 11 $v < 3b$. Bei früheren Beobachtungen dieses Veränderlichen war er nie so hell gewesen als in der Zeit vom 22. September bis 7. Oktober. Man kann das Maximum auf den 29. September ansetzen. Wegen der aufgetretenen größeren Helligkeit mußte ich einen helleren Vergleichstern auswählen. Es ist dies der Vergleichstern e und seine Position 1900.0 19^h 41^m 55^s - 6° 38' 7". Der Vergleichstern c geht 7^s dem Veränderlichen nach und steht in gleichem δ . Der Vergleichstern d geht etwas nördlich und 7^s dem Veränderlichen voran.

Berichtigungen zu Astron. Nachr.

198.206 Z. 11 v. o. δ statt + 15° 55' 15".7 lies + 15° 52' 13".3.
198.206 Z. 25 v. o. α statt 22^h 57^m 15^s 65 lies 22^h 58^m 15^s 65.
211.423 288 Glauke Beobachtungszeit: statt 11^h 32^m 50^s lies 13^h 34^m 4^s.

Benennung. Dem von mir entdeckten Planeten 876 [1917 CH] habe ich den Namen Scott gegeben.

Wien, 1921 April.

J. Palisa.