ASTRONOMISCHE NACHRICHTEN.

Band 189.

Nr. 4535.

23.

Observations de petites planètes

faites à l'Observatoire de Nice (équatorial Gautier de 0.38 m d'ouverture) par M. *J. Ph. Lagrula*.

1911	T. m. Nice	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p \cdot A$	δ app.	$\log p \cdot A$	Red. ad l. app.	*
(48) Doris.										
Juill. 8	12 ^h 21 ^m 17 ^s	+0 ^m 28 ^s 01	+0' 59".1	18,10	18 ^h 1 ^m 32 ^s 80	9.192	-14° 7' 30".3	0.867	+2.48 - 6".0	1
(148) Gallia.										
Juin 13	11 32 33	-2 30.01	-1 53.8	3, 2	16 46 1.96	8.321	+12 31 9.6	0.659	+2.06 - 8.2	2
14	12 33 43	+2 12.30	+4 44.9	15,10	16 45 10.71	9.158	+12 28 35.8	0.666	+2.06 - 8.0	3
15	10 41 16	+1 27.20	+2 14.6	15,10	16 44 25.62	8.770 _n	+12 26 5.7	0.661	+2.07 - 7.8	3
16	11 18 36	+0 37.27	-0 46.1	15,10	16 43 35.70	8.334	+12 23 5.1	0.660	+2.08 - 7.7	3
17	12 28 4	-0 13.10	-4 6.6	18,10	16 42 45.33	9.204	+12 19 44.8	0.670	+2.08 - 7.5	3
21	13 41 10	+2 0.18	-7 6.4	15,10	16 39 36.19	9.485	+12 4 19.8	0.698	+2.09 - 6.8	4
26	11 34 32	-1 33.39	-0 17.1	15,10	16 36 1.99	9.139	+11 40 35.8	0.675	+2.10 - 6.1	5
27	11 51 39	-0 53.03	-3 16.7	15,10	16 35 20.40	9.248	+11 35 0.2	0.680	+2.10 - 5.9	6
(273) Atropos.										
Juill. 19	13 28 38	-1 25.40	+2 50.6	15,10	19 1 56.15	9.372	+6 53 28.5	0.732	+2.40 - 0.9	7
(276) Adelheid.										
Juin 27	14 0 37	-0 58.37	+0 25.7	14,10	19 1 0.78	9.166	+6 30 51.8	0.730	+2.18 - 4.7	8
28	11 40 38	-1 38.52	+2 19.5	15,10	19 0 20.64	9.017 _n	+6 32 45.8	0.728	+2.19 - 4.5	8
29	12 5 12	+2 1.30	-2 38.5	15,10	18 59 34.96	8.703 _n	+6 34 40.0	0.726	+2.21 - 4.5	9
(363) Padua.										
Févr. 24	11 22 36	+0 10.99	+1 50.4	18,10	9 40 11.42	7.756 _n	+23 14 51.3	0.487	+1.33 - 0.7	10
25	13 2 3	-0 44.11	+5 26.6	12,10	9 39 16.32	9.301	+23 18 27.6	0.522	+1.33 - 0.6	10
27	11 40 38	+3 56.81	+1 56.3	15,10	9 37 38.01	8.783	+23 24 34.7	0.486	+1.32 - 0.2	11
(402) Chloë.										
Mars 1	10 47 29	+2 9.62	+0 9.9	15,10	7 20 48.09	9.365	+21 52 53.7	0.554	+0.78 + 5.3	12
2	9 48 48	-2 30.95	-3 54.8	15,10	7 20 51.65	9.115	+21 58 11.3	0.524	+0.80 + 5.2	13
3	9 41 59	+0 8.49	-0 35.2	18,10	7 20 57.47	9.096	+22 3 34.6	0.521	+0.77 + 5.3	14
(410) Chloris.										
Juill. 19	12 4 13	-0 52.75	+4 5.5	15,10	18 25 10.82	9.242	-26 13 39.6	0.909	+2.83 - 5.7	15
20	10 31 54	-1 29.05	-2 36.5	15,10	18 24 34.52	7.700 _n	-26 20 21.7	0.920	+2.83 - 5.8	15
(412) Elisabetha.										
Mai 23	11 56 50	+3 19.02	-3 44.9	15,10	15 48 46.43	8.270	-2 58 22.2	0.807	+1.82 - 11.5	16
24	10 19 22	+2 28.74	-4 54.8	15,10	15 47 56.16	9.179 _n	-2 59 32.0	0.806	+1.83 - 11.4	16
26	10 0 7	+1 34.71	-4 31.9	15,10	15 46 9.67	9.227 _n	-3 2 26.6	0.806	+1.84 - 11.3	17
27	11 4 31	+0 13.96	+5 26.8	18,10	15 45 14.27	8.632 _n	-3 4 14.7	0.808	+1.85 - 11.2	18
30	11 5 13	-2 23.06	-0 45.3	15,10	15 42 37.28	8.174 _n	-3 10 26.6	0.809	+1.88 - 11.0	18
Juin 5	11 12 13	-2 7.98	+6 16.2	15,10	15 37 40.56	8.701	-3 27 19.8	0.811	+1.91 - 10.6	19
7	10 21 47	+1 45.84	+5 1.9	15,10	15 36 9.88	8.398 _n	-3 34 7.7	0.809	+1.90 - 10.5	20
13	10 24 11	+2 19.87	+5 19.6	15,10	15 31 56.79	8.501	-3 58 29.8	0.814	+1.90 - 10.1	21
14	11 42 34	+1 39.43	+0 29.6	15,10	15 31 16.36	9.257	-4 3 19.7	0.812	+1.91 - 10.0	21
15	9 58 54	+1 5.18	-3 54.1	15,10	15 30 42.11	6.835	-4 7 43.4	0.815	+1.91 - 10.0	21
16	10 43 17	-1 51.66	-1 25.0	15,10	15 30 5.28	8.958	-4 12 42.6	0.815	+1.92 - 9.9	22
17	10 47 25	-0 33.98	+3 45.2	15,10	15 29 27.86	9.030	-4 16 45.0	0.815	+1.91 - 9.9	23
20	9 34 43	-0 43.16	+0 38.7	15,10	15 27 56.67	7.422 _n	-4 33 11.5	0.818	+1.91 - 9.8	24

1911	T. m. Nice	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p \cdot A$	δ app.	$\log p \cdot A$	Red. ad l. app.	*
Juin 21	10 ^h 40 ^m 23 ^s	-1 ^m 13 ^s 79	-5' 7".3	15,10	15 ^h 27 ^m 26 ^s 04	9.103	-4° 38' 57".4	0.817	+1 ^s 91 - 9".7	24
27	11 4 54	+3 2.23	+6 16.3	14,10	15 25 0.45	9.331	-5 14 36.4	0.817	+1.87 - 9.5	25
28	10 45 23	+2 43.18	+0 2.1	15,10	15 24 41.39	9.277	-5 20 50.6	0.819	+1.86 - 9.5	25
29	10 37 20	-0 5.84	+0 2.5	17,10	15 24 23.71	9.259	-5 27 11.4	0.821	+1.87 - 9.4	26
(472) Roma.										
Janv. 31	10 58 41	+0 48.49	-4 5.4	18,10	3 23 5.62	9.585	+3 5 11.9	0.774	-0.14 - 0.9	27
Févr. 4	8 15 5	-3 16.86	-0 6.3	15,10	3 26 17.05	9.273	+3 53 46.0	0.755	-0.16 - 0.6	28
6	8 1 18	-0 28.42	-3 39.5	18,10	3 28 2.24	9.245	+4 18 32.4	0.751	-0.19 - 0.6	29
(489) Comacina.										
Avril 21	12 56 50	+0 4.41	+2 37.2	18,10	10 46 16.24	9.581	+9 56 10.8	0.738	+1.09 - 3.3	30
22	10 34 27	+0 2.25	+5 35.0	18,10	10 46 14.07	9.293	+9 59 8.7	0.700	+1.08 - 3.2	30
25	11 43 30	+1 46.95	-6 2.3	15,10	10 46 12.38	9.502	+10 8 23.0	0.719	+1.05 - 2.8	31
Mai 2	10 50 56	+0 12.06	+0 7.3	18,10	10 46 54.13	9.453	+10 23 31.1	0.708	+1.00 - 2.5	32
3	10 1 5	+0 22.58	+1 37.4	18,10	10 47 4.67	9.330	+10 25 1.3	0.698	+1.02 - 2.4	32
(499) Venusia.										
Mars 4	12 15 47	-1 45.86	-2 16.5	15,10	7 52 25.49	9.522	+18 44 57.7	0.642	+0.90 + 3.5	33
(514) Armida.										
Févr. 21	12 19 51	+0 50.67	-4 34.4	17,12	8 39 8.47	9.285	+14 21 22.2	0.650	+1.08 + 1.0	34
24	12 25 52	-1 5.86	+2 41.6	15,10	8 37 11.93	9.356	+14 28 38.2	0.655	+1.07 + 1.0	34
25	12 24 0	-1 42.60	+5 3.7	15,10	8 36 35.19	9.362	+14 31 0.2	0.656	+1.07 + 0.9	34
(519) Sylvania.										
Juin 26	10 38 25	+1 37.48	+2 52.3	15,10	14 10 0.59	9.462	-15 9 46.8	0.854	+1.49 - 12.6	35
27	10 15 3	+1 33.84	+0 49.1	14,10	14 9 56.95	9.417	-15 11 50.0	0.859	+1.49 - 12.6	35
28	10 4 39	+1 31.42	-1 15.7	15,10	14 9 54.52	9.398	-15 13 54.7	0.861	+1.48 - 12.5	35
(558) Carmen.										
Juin 17	11 31 29	+2 18.11	+6 58.9	15,10	15 35 1.55	9.246	-7 10 34.3	0.831	+1.93 - 10.4	36
20	11 32 23	+0 44.91	+3 45.6	9,10	15 33 28.35	9.302	-7 13 47.5	0.830	+1.93 - 10.3	36
21	11 56 53	+0 15.72	+2 25.9	18,10	15 32 59.16	9.392	-7 15 7.1	0.827	+1.93 - 10.2	36
(690) Wratislavia.										
Janv. 7	11 44 4	+2 15.32	+7 19.0	14,10	8 25 42.46	9.243 _n	+7 33 55.2	0.719	+0.63 + 4.0	37
10	11 42 24	+1 6.45	+2 25.7	15,10	8 23 21.41	9.182 _n	+7 33 18.5	0.720	+0.69 + 3.7	38
(704) Interamnia.										
Janv. 4	10 28 21	-0 43.50	+2 0.5	10,10	0 56 40.03	9.632	+24 12 36.1	0.653	-0.84 + 3.8	39
5	6 50 25	+0 10.23	-0 22.2	18,10	0 57 33.75	9.006	+24 10 13.3	0.476	-0.85 + 3.7	39
10	7 49 2	-1 21.02	-0 44.0	15,10	1 3 6.65	9.375	+23 58 22.9	0.521	-0.87 + 3.6	40
11	9 13 21	-0 31.68	-6 18.8	18,10	1 4 19.12	9.569	+23 56 23.2	0.600	-0.88 + 3.5	41
16	9 45 28	-1 44.43	+5 2.0	15,10	1 10 18.09	9.622	+23 49 6.9	0.648	-0.90 + 3.3	42
17	8 49 6	-0 33.54	+4 2.9	15,10	1 11 28.97	9.556	+23 48 7.8	0.594	-0.91 + 3.3	42
31	7 42 24	-1 33.71	+0 43.9	15,10	1 29 55.46	9.502	+23 46 30.8	0.566	-0.99 + 2.9	43
Févr. 1	7 57 19	-0 8.47	+1 24.5	18,10	1 31 20.69	9.534	+23 47 11.4	0.581	-1.00 + 2.9	43
2	6 37 4	+1 11.80	+2 10.9	15,10	1 32 40.95	9.340	+23 47 57.7	0.517	-1.01 + 2.8	43
4	6 47 0	-0 59.03	+5 47.8	15,10	1 35 33.18	9.390	+23 49 53.8	0.528	-1.01 + 2.8	44
5	6 45 50	-0 49.99	-3 27.8	15,10	1 36 59.63	9.394	+23 50 56.8	0.527	-1.02 + 2.8	45
6	6 24 51	+0 35.78	-3 4.8	18,10	1 38 25.64	9.330	+23 52 7.1	0.513	-1.03 + 2.7	46
21	7 34 33	-1 54.16	-5 3.2	15,10	2 1 19.68	9.577	+24 18 45.0	0.600	-1.10 + 2.7	47
23	6 59 29	+0 8.69	-1 40.2	18,10	2 4 28.05	9.528	+24 23 18.4	0.570	-1.12 + 2.6	48
24	7 20 33	+1 46.02	+0 44.7	15,10	2 6 5.36	9.568	+24 25 43.2	0.594	-1.14 + 2.5	48
27	7 25 13	+0 17.27	-4 50.6	18,10	2 10 55.92	9.585	+24 33 5.9	0.602	-1.14 + 2.6	49
Mars 1	7 22 7	+3 9.16	-0 29.5	15,10	2 14 11.04	9.588	+24 38 9.6	0.604	-1.17 + 2.5	50
2	7 8 15	-2 1.79	-6 45.1	15,10	2 15 48.33	9.571	+24 40 44.4	0.592	-1.15 + 2.7	51

1911	T. m. Nice	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p \cdot A$	δ app.	$\log p \cdot A$	Red. ad l. app.	*
Mars 3	6 ^h 56 ^m 59 ^s	-0 ^m 23 ^s 78	-4' 7 ^s 6	15,10	2 ^h 17 ^m 26 ^s 33	9.558	+24° 43' 21 ^s 9	0.582	-1 ^s 16 + 2 ^s 7	51
7	7 12 48	-1 22.95	+0 57.1	15,10	2 24 57.0	9.594	+24 54 14.9	0.605	-1.17 + 2.7	52
9	7 52 39	+0 8.00	-4 57.2	18,10	2 27 29.49	9.639	+24 59 53.1	0.653	-1.19 + 2.7	53
10	7 19 8	+1 46.94	-2 11.5	15,10	2 29 8.42	9.609	+25 2 38.7	0.620	-1.20 + 2.6	53
11	7 24 50	+3 28.82	+0 39.8	15,10	2 30 50.29	9.619	+25 5 29.9	0.627	-1.21 + 2.5	53
12	7 43 42	-3 26.71	-5 39.9	15,10	2 32 33.16	9.637	+25 8 22.7	0.649	-1.19 + 2.9	54
15	7 15 38	-1 1.68	+1 15.7	15,10	2 37 38.27	9.620	+25 16 55.8	0.624	-1.21 + 2.8	55
16	7 21 28	-1 40.21	+2 56.6	15, 8	2 39 21.08	9.624	+25 19 49.5	0.633	-1.21 + 2.9	56
21	7 34 2	+0 6.94	+1 15.5	18,10	2 48 1.35	9.648	+25 34 24.1	0.656	-1.23 + 2.9	57
25	8 15 10	-2 11.05	+0 26.9	15,10	2 55 4.48	9.672	+25 46 5.4	0.706	-1.23 + 3.1	58
Avril 6	7 48 50	-1 12.91	+0 24.9	15,10	3 16 24.79	9.673	+26 19 45.2	0.706	-1.25 + 3.4	59
15	8 17 48	-1 31.31	+5 26.9	15,10	3 32 47.03	9.678	+26 42 53.0	0.753	-1.24 + 3.7	60
21	8 8 36	-1 35.53	+8 10.9	15,10	3 43 46.45	9.679	+26 56 42.0	0.753	-1.22 + 3.9	61
22	8 15 46	-1 4.98	-0 26.7	15,10	3 45 37.53	9.677	+26 58 51.4	0.763	-1.22 + 4.0	62
24	8 41 15	+2 38.26	+3 48.5	15,10	3 49 20.77	9.666	+27 3 6.5	0.790	-1.22 + 3.9	62
25	8 19 13	+0 16.03	-3 12.6	18,10	3 51 9.58	9.674	+27 5 6.7	0.772	-1.21 + 4.1	63
26	8 27 10	+2 7.82	-1 9.8	9, 6	3 53 1.37	9.671	+27 7 9.4	0.781	-1.21 + 4.0	63

Positions moyennes des étoiles de comparaison.

*	α 1911.0	δ 1911.0	Autorité	*	α 1911.0	δ 1911.0	Autorité
1	18 ^h 1 ^m 2 ^s 31	-14° 8' 23 ^s 4	AG Wa 6518	32	10 ^h 46 ^m 41 ^s 07	+10° 23' 26 ^s 3	12 ^m 0 rapp. à AG Lpz I 4129
2	16 48 29.91	+12 33 11.6	AG Lpz I 5889	33	7 54 10.45	+18 47 10.7	BD +18° 18' 04 rapp. à AG Berl A 3161
3	16 42 56.35	+12 23 58.9	" 5855	34	8 38 16.72	+14 25 55.6	AG Lpz I 3514
4	16 37 33.92	+12 11 33.0	" 5819	35	14 8 21.62	-15 12 26.5	AG Wa 5306
5	16 37 33.28	+11 40 59.0	" 5817	36	15 32 41.51	-7 17 22.8	AG Ott 5458
6	16 36 11.33	+11 38 22.8	" 5811	37	8 23 26.51	+7 26 32.2	AG Lpz II 4603
7	19 3 19.15	+6 50 38.8	AG Lpz II 9042	38	8 22 14.27	+7 30 49.1	" 4589
8	19 1 56.97	+6 30 30.8	" 9019	39	0 57 24.37	+24 10 31.8	AG Berl B 315
9	18 57 31.45	+6 37 23.0	" 8971	40	1 4 28.54	+23 59 3.3	" 348
10	9 39 59.10	+23 13 1.6	AG Berl B 3834	41	1 4 51.68	+24 2 38.5	" 352
11	9 33 39.88	+23 22 38.6	" 3809	42	1 12 3.42	+23 44 1.6	" 384
12	7 18 37.69	+21 52 38.5	" 2928	43	1 31 30.16	+23 45 44.0	" 484
13	7 23 21.80	+22 2 0.9	" 2964	44	1 36 33.22	+23 44 3.2	" 509
14	7 20 48.21	+22 4 4.5	" 2942	45	1 37 50.64	+23 54 21.8	" 513
15	18 26 0.74	-26 17 39.4	CPD -26° 64' 85 rapp. à GZ 18 ^h 15 ^m 43	46	1 37 50.89	+23 55 9.2	" 514
16	15 45 25.59	-2 54 25.8	AG Strb 5504	47	2 3 14.94	+24 23 45.5	" 637
17	15 44 33.12	-2 57 43.4	" 5498	48	2 4 20.48	+24 24 56.0	" 644
18	15 44 58.46	-3 9 30.3	" 5501	49	2 10 39.79	+24 37 53.9	" 681
19	15 39 46.63	-3 33 25.4	" 5479	50	2 11 3.05	+24 38 36.6	" 686
20	15 34 22.14	-3 38 59.1	" 5460	51	2 17 51.27	+24 47 26.8	" 720
21	15 29 35.02	-4 3 39.3	" 5422	52	2 25 29.82	+24 53 15.1	" 753
22	15 31 55.02	-4 11 7.7	" 5438	53	2 27 22.68	+25 4 47.6	" 769
23	15 29 59.93	-4 20 20.3	" 5426	54	2 36 1.06	+25 13 59.7	" 806
24	15 28 37.92	-4 33 40.4	" 5416	55	2 38 41.16	+25 15 37.3	AG Cbr E. 1423
25	15 21 56.35	-5 20 43.2	" 5388	56	2 41 2.50	+25 16 50.0	" 1436
26	15 24 27.68	-5 27 4.5	11 ^m 5 rapp. à AG Strb 5390	57	2 47 55.64	+25 33 5.7	" 1493
27	3 22 17.27	+3 9 18.2	AG Alb 992	58	2 57 16.76	+25 45 35.4	" 1554
28	3 29 34.07	+3 53 52.9	" 1024	59	3 17 38.95	+26 19 16.9	" 1669
29	3 28 30.85	+4 22 12.5	" 1019	60	3 34 19.58	+26 37 22.4	" 1774
30	10 46 10.74	+9 53 36.9	BD +10° 22' 11 rapp. à AG Lpz I 4136	61	3 45 23.20	+26 48 27.2	" 1869
31	10 44 24.38	+10 14 28.1	AG Lpz I 4122	62	3 46 43.73	+26 59 14.1	" 1886
				63	3 50 54.76	+27 8 15.2	" 1922