1903	Greenw. M. T.	$\Delta\alpha$ Distance	$\Delta\delta$ Pos. Ang.	Comp.	α app.	$\log p.\Delta$	δ app.	$\log p.\Delta$	Red. to App. Place	*
April 12	15 ^h 35 ^m 4 ^s	57 13".9	96° 56'.1	4.4	0 ^h 7 ^m 52 ^s .40	9.8007 _n	—39° 35' 2".8	0.5719 _n	—0°595 + 5".0	17
15	15 25 31	+1 ^m 6 ^s .08	—3' 37".5	10.10	0 6 7.42	9.8397 _n	—45 15 54.6	0.5190 _n	—1.10 + 7.8	5
16	14 56 23	2672".3	344° 39'.2	4.4	0 5 36.64	9.8520 _n	—46 59 41.5	0.5769 _n	—1.13 + 8.4	4
16	15 6 20	2384.2	206 39.4	4.4	0 5 37.01	9.8532 _n	—47 0 17.7	0.5494 _n	—1.20 + 8.7	3
16	15 15 17	2586.0	101 25.5	4.4	0 5 38.09	9.8539 _n	—47 0 43.5	0.5225 _n	—1.21 + 8.0	12
24	14 55 1	3768.5	50 17.4	4.4	0 1 48.74	9.9760 _n	—59 7 6.5	0.3216 _n	—1.85 + 13.0	9
24	15 6 22	3081.3	333 44.1	4.4	0 1 48.52	9.9744 _n	—59 7 56.9	0.2526 _n	—1.75 + 13.9	25
24	15 14 52	2514.7	83 39.3	4.4	0 1 48.90	9.9723 _n	—59 7 59.9	0.1928 _n	—1.90 + 13.2	7
26	14 56 15	2054.0	325 44.4	4.4	0 0 42.69	0.0090 _n	—61 41 57.6	0.2059 _n	—1.97 + 15.2	23
26	15 10 48	3283.8	243 26.7	4.4	0 0 42.27	0.0053 _n	—61 42 50.8	0.0802 _n	—2.02 + 15.8	20
26	15 34 30	3084.0	97 16.1	4.4	0 0 38.43	9.9954 _n	—61 44 26.2	9.7427 _n	—2.15 + 14.4	8
27	16 1 43	—2 ^m 41 ^s .46	—8' 56".7	7.7	0 0 0.35	9.9918 _n	—62 59 58.5	9.6170	—2.19 + 15.4	2
28	16 3 34	+0 56.20	+3 54.4	10.10	23 59 19.36	0.0050 _n	—64 12 16.6	9.8417	—2.29 + 16.4	24
May 2	16 13 58	—1 7.95	—5 36.6	6.6	23 55 36.94	0.0522 _n	—68 43 55.8	0.2869	—2.81 + 18.8	22
3	16 3 31	—0 59.25	—6 52.5	10.10	23 54 24.09	0.0796 _n	—69 47 16.8	0.2799	—2.95 + 19.5	21
4	16 4 8	+1 38.70	—2 27.9	10.10	23 52 59.25	0.0948 _n	—70 49 35.9	0.3351	—3.05 + 20.3	19

Notes. April 11. Very faint. Bright moonlight. — April 26. Exc. faint. — April 28. Exc. faint. Light cloud about. — May 2, 3, 4. Exc. faint.

Mean places of comparison stars.

*	α 1903.0	δ 1903.0	Authority	*	α 1903.0	δ 1903.0	Authority
1	0 ^h 1 ^m 57 ^s .19	—39° 25' 5".0	Cape ₈₀ 5	14	0 ^h 11 ^m 47 ^s .23	—30° 58' 26".3	Equatorial diff. from * 16
2	0 2 44.00	—62 51 17.2	Cape ₈₀ 12, Cord. GC. 21	15	0 13 48.08	—30 29 44.7	Cape ₈₀ 97
3	0 3 53.06	—47 35 57.2	Cord. GC. 44	16	0 15 36.00	—31 5 36.6	Cord. GC. 244
4	0 4 29.10	—46 16 52.9	Cape ₈₀ 27	17	0 16 4.68	—39 46 37.7	Cape ₈₀ 112
5	0 5 2.44	—45 12 24.9	Cape ₈₀ 32, Cord. GC. 68	18	0 16 38.60	—29 31 3.3	Cape ₈₀ 118
6	0 6 38.82	—28 20 24.8	Cape ₈₀ 43	19	23 51 23.60	—70 47 28.3	Gilliss 16636
7	0 7 15.11	—59 3 35.2	Cape ₈₀ 49	20	23 53 48.25	—62 7 34.6	Cord. GC. 32332
8	0 7 52.10	—61 51 10.8	Cord. GC. 109	21	23 55 26.29	—69 40 43.8	Gilliss 16675
9	0 8 3.51	—58 27 11.8	Cape ₈₀ 54	22	23 56 47.70	—68 38 38.0	Cord. ZC. 23 ^h 1516
10	0 8 46.80	—26 33 33.2	Cape ₈₀ 61	23	23 58 3.29	—61 13 55.2	Cord. GC. 32395
11	0 8 49.39	—26 49 29.2	Cape ₈₀ 63	24	23 58 25.45	—64 16 27.4	Cord. ZC. 23 ^h 1560
12	0 9 47.46	—47 9 23.7	Cape Meridian Obs. 1898	25	23 58 54.90	—58 22 7.7	Cape ₈₀ 12417
13	0 11 35.94	—37 20 6.2	Cord. GC. 176				

Royal Observatory, Cape of Good Hope, 1903 July 9.

David Gill, H. M. Astronomer.

Observations of Comet 1903 III (1903 b)

made with the 7-inch Equatorial of the Royal Observatory, Cape of Good Hope, by Mr. *W. H. Cox*.

(Communicated by Sir *David Gill*, H. M. Astronomer).

1903	Greenw. M. T.	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p.\Delta$	δ app.	$\log p.\Delta$	Red. ad l. app.	*
May 4	6 ^h 0 ^m 23 ^s	—1 ^m 5 ^s .78	—7' 34".8	7.7	4 ^h 45 ^m 9 ^s .97	9.7046	—19° 21' 13".9	0.6164 _n	—0°525 — 14".4	1
11	5 25 15	+0 36.60	—	5.—	5 24 4.94	9.6834	—	—	—0.21 —	2
11	5 49 58	—	—1 34.0	—4	—	—	—21 29 17.5	0.5769 _n	— — 16.0	2
12	5 53 57	+0 52.19	—	5.—	5 29 40.39	9.7024	—	—	—0.20 —	3
12	6 3 12	—	+4 31.1	—3	—	—	—21 44 59.0	0.5900 _n	— — 16.3	3
17	5 55 57	—1 19.20	—4 49.9	10.10	5 56 22.61	9.7027	—22 50 53.7	0.5631 _n	—0.14 — 17.4	5
18	5 35 13	—0 57.89	+4 9.7	10.10	6 1 31.37	9.6882	—23 2 5.3	0.5295 _n	—0.13 — 17.6	6
19	5 28 0	—2 11.46	+1 56.6	5.5	6 6 40.42	9.6816	—23 12 22.8	0.5156 _n	—0.11 — 17.8	7
20	5 37 0	+2 9.05	—3 8.2	2.2	6 11 48.38	9.6887	—23 22 43.8	0.5252 _n	—0.12 — 17.7	8
21	5 54 35	—1 25.48	+0 28.0	10.10	6 16 56.94	9.7012	—23 32 26.2	0.5482 _n	—0.09 — 18.1	9

1903	Greenw. M. T.	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p.A$	δ app.	$\log p.A$	Red. ad l. app.	*
May 25	5 ^h 46 ^m 30 ^s	-1 ^m 27 ^s 88	+3' 37" 4	10.10	6 ^h 36 ^m 38 ^s 22	9.6949	-24° 5' 31" 7	0.5245 _n	-0 ^s 03 -18" 7	10
26	5 14 46	-1 14.17	-9 36.4	3.3	6 41 22.39	9.6649	-24 12 16.5	0.4707 _n	-0.02 -18.8	11
28	5 13 54	-0 46.50	-9 5.9	5.5	6 50 45.97	9.6629	-24 24 57.8	0.4633 _n	+0.01 -19.1	12

Notes. The announcement of discovery was received on May 4 when the Comet was an extremely faint nebulous mass with no visible nucleus. — May 12. Exc. faint. Bright moonlight. — May 19. Exc. faint. Comet passed over a faint star. — From May 25 to May 28. The Comet was only just visible and the observations are rough.

Mean places of comparison stars.

*	α 1903.0	δ 1903.0	Authority	*	α 1903.0	δ 1903.0	Authority
1	4 ^h 46 ^m 16 ^s 00	-19° 13' 24" 7	AWe. 2852, Cinc. Z. 696	7	6 ^h 8 ^m 51 ^s 99	-23° 14' 1" 6	Equatorial diff. from * 8
2	5 23 28.55	-21 27 27.5	Cord. GC. 6321	8	6 9 39.45	-23 19 17.9	Cord. GC. 7486
3	5 28 48.40	-21 49 13.8	Cinc. Z. 815	9	6 18 22.51	-23 32 36.1	Cord. GC. 7721
4	5 52 9.71	-22 51 16.7	Cord. GC. 7004	10	6 38 6.13	-24 8 50.4	Cord. GC. 8276
5	5 57 41.95	-22 45 46.4	Equatorial diff. from * 4	11	6 42 36.58	-24 2 21.3	Cord. GC. 8403
6	6 2 29.39	-23 5 57.4	Cape ₈₀ 2794, Cape ₈₅ 409	12	6 51 32.46	-24 15 32.8	Cord. GC. 8663

Royal Observatory, Cape of Good Hope, 1903 July 6.

David Gill, H. M. Astronomer.

Photographische Aufnahmen von kleinen Planeten.

Planet	M. Z. Kgst.	α	δ	Gr.	Bb.	Planet	M. Z. Kgst.	α	δ	Gr.	Bb.
1903 September 20.						1903 September 23.					
(301) Bavaria	14 ^h 37 ^m 6	0 ^h 19 ^m 8	- 3° 2'	13 ^m 2	D	(63) Ausonia	9 ^h 49 ^m 8	0 ^h 13 ^m 6	+6° 6'	9 ^m 9	D
(318) Magdalena	"	0 31.3	- 2 34	13.1	"	(337) Devosa	"	0 27.5	+5 22	11.2	"
1903 September 21.						1903 MH	"	0 31.7	+8 55	12.3	"
1903 MG	9 42.6	0 35.9	+16 52	12.0	D	(383) Janina	11 10.8	0 37.4	-0 34	12.2	"
(393) Lampetia	"	0 51.0	+17 58	10	"	(362) Havnia	"	0 44.2	-0 36	11.3	"
(137) Meliboea	"	0 45.3	+11 1	11.0	"	(45) Eugenia	"	0 59.3	-0 45	11.0	"
(51) Nemausa	12 56.7	23 51.7	- 1 29	10.2	"	(318) Magdalena	"	0 29.5	-2 56	13.1	"
1903 September 22.						1903 MJ	12 12.5	0 55.9	+9 13	13.5	W
(208) Lacrimosa	8 17.7	22 39.7	- 9 28	12.5	D	1903 ML	"	0 57.1	+8 53	11.8	"
(192) Nausikaa	"	22 58.9	- 4 5	9	"	(142) Polana	"	0 58.2	+9 58	12.8	"
1903 MC	9 48.7	23 20.7	- 7 15	13.0	W	(207) Hedda	"	1 1.9	+4 12	12.0	"
1903 MD	"	23 21.2	- 5 18	13.5	"	Die Planeten MJ und ML sind neu. ML ist möglicher- weise identisch mit (214) Aschera. Tägliche Bewegungen: (383) -0 ^m 9 -6', MJ -0 ^m 6 +8', ML -0 ^m 9 -4'.					
1903 ME	"	23 22.5	- 6 41	13.0	"	1903 September 24.					
1903 MF	"	23 23.2	- 4 32	13.5	"	1903 MK	13 23.2	1 8.7	+3 39	13.0	W
(27) Euterpe	"	23 26.8	- 6 32	9.6	"	(449) Hamburga	"	1 16.3	+3 3	12.3	"
(412) Elisabetha	11 2.7	0 3.1	-20 57	12.2	D	Planet 1903 MK ist neu. Täg. Bew.: -0 ^m 8 -6'.					
(242) Kriemhild	13 14.7	23 48.1	+ 7 23	12.6	W	1903 September 27.					
(63) Ausonia	13 41.7	0 14.5	+ 6 9	9.9	D	(63) Ausonia	11 4.2	0 9.4	+5 50	9.9	D
(337) Devosa	"	0 28.4	+ 5 24	11.2	"	(337) Devosa	"	0 23.3	+5 14	11.2	"
1903 MH	"	0 32.4	+ 8 59	12.3	"	1903 MH	"	0 28.7	+8 38	12.3	"
(379) Huenna	"	0 34.4	+ 3 6	11.5	"	(379) Huenna	"	0 30.9	+2 38	11.5	"
(73) Klytia	"	0 39.8	+ 4 12	11.9	"	(73) Klytia	"	0 35.6	+3 50	11.9	"
Planet 1903 MH ist neu.						(449) Hamburga	12 33.2	1 14.0	+2 47	12.3	"

W = Wolf, D = Dugan.

Astrophys. Observatorium Königstuhl-Heidelberg, 1903 Sept. 28.

M. Wolf.