B E I L A G E

ZU N^o 761. DER ASTRONOMISCHEN NACHRICHTEN.

Schreiben des Herrn *J. R. Hind* an den Herausgeber.

Mr. *Bishop's* Observatory, Regents-Park, London 1851. May 27.

The following are the best positions of the new planet that I am able to send you at present. Some of the stars in the neighbourhood appear to require reobservation.

	M. T. Greenw.	AR.	N. P. D.
May 19	13 ^h 9 ^m 36 ^s	16 ^h 4 ^m 9 ^s 61	103° 23' 36" 3
21	11 15 39	16 2 14,16	103 26 23,1
23	11 13 48	16 0 13,67	103 29 42,9

Under favourable circumstances this planet seems to me to be surrounded by a faint nebulous envelope, which I do not perceive about stars of the same degree of brightness in its vicinity. It is evidently different from the supposed planet of *Cacciatore*, if any reliance is to be placed upon the position of the nodes of the latter.

Sir *John Herschel* has suggested *Irene* as a suitable name for the new member; the symbol to be a dove with olive-branch and star on head. You will readily discover

that this name, properly *Eirene* (Εἰρήνη - Peace), has some relation to the event, which is now filling our metropolis with the talent of all civilised nations, with those fruits of Peace, the productions of Art and Science, in which all mankind must feel an interest.

Mr. *Carrington* of Durham has sent me the following place of *Irene*.

May 22 at 10^h 40^m 22^s 7 Greenw. M. T.

AR. = 16^h 1^m 15^s 12 — [8,1678]. p

N. P. D. = 103° 28' 5" 0 — [9,9620]. p

By comparisons with *Weisse's Bessel* XV. Nr. 1144. Apparent position AR. 15^h 59^m 53^s 47. N. P. D. 103° 32' 6" 3

A Meridian-Observation by Prof. *Challis* at Cambridge gives

	G. M. T.	AR.	N. P. D.
May 21	12 ^h 5 ^m 41 ^s 8	16 ^h 2 ^m 11 ^s 99	103° 26' 28" 5

J. R. Hind.

Refractor-Beobachtungen der Irene auf der Berliner Sternwarte.

	M. Zt. Berlin.	Sch. R. A.	Sch. Decl.	Anz. d. Vergl.		
1851 Mai 24	10 ^h 56' 21" 1	239° 49' 4" 0	—13° 31' 24" 4	16	mit	* a
26	13 24 7,6	239 17 41,4	—13 35 17,8	12	„	a
27	10 25 39,0	239 4 55,8	—13 37 3,7	12	„	b
Juni 2	10 54 33,1	237 38 27,2	—13 50 8,5	16	„	c
3	12 47 56,1	237 23 47,6	—13 52 51,0	10	„	c

Die scheinbaren Oerter der Vergleichsterne wurden so angenommen:

Mai 24	* a (9)	239° 58' 22" 7	—13° 32' 2" 8	Bessel Zone 249.
26	* a (9)	239 58 23,0	—13 32 2,7	
27	* b (6.7)	239 41 55,8	—13 40 1,0	Mittel aus Bes. Zone 249 und 252
Juni 2	* c (5)	237 28 10,7	—13 50 39,4	Piazzi hora XV. Nr. 218.
3	* c (5)	237 28 10,8	—13 50 39,4	

Die Beobachtungen Mai 24 sind von Herrn Dr. *Galle* und mir gemeinschaftlich, die übrigen von mir angestellt.

R. Luther.

Berlin 1851. Juni 5.