

*New Nebulae discovered and observed by Alph. Borrelly at the Marseilles Observatory, with the Eichens Searcher.*

Name of Comp. Star.	Mean Positions for 1872.0.			Remarks.
	R.A.	N.P.D.		
	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>		
a	6 39 21.87	5 26' 3".7		Nebula pretty faint, extended, elliptic, no bright point.
b	6 48 44.78	4 4 20.2		Nebula pretty bright, moderately extended, round; nucleus of 12-13 mag.
c	8 51 44.10	11 25 18.2		Nebula pretty bright, 3' in extent, elliptic; no nucleus.
d	11 37 50.45	72 43 31.6		Nebula round, little extended; small nucleus at centre.
e	11 45 26.37	72 28 20.3		Nebula pretty faint, extended, elliptic; no bright point.
e	11 45 35.87	72 25 46.1		Nebula exceedingly faint, nearly round, almost undiscernible.

## Mean Positions of the Comparison Stars for 1872.0-

Name of Star.	Mag.	R.A.		N.P.D.	
		<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>
a 374 Eltzen	7.5	6 25 56.27	5 11 46.4		
b 381 Eltzen	7.8	6 41 8.55	4 3 39.8		
c 1373 Fedorenko	8.0	8 41 35.40	11 22 51.2		
d 666 Weisse, hora 11	9.0	11 35 5.45	72 37 6.2		
e 889 Weisse, hora 11	8.9	11 46 36.24	72 26 11.8		

*Variable Star.*

On November 3, 1871, a star in R.A.  $0^h 17^m 17^s.68$  and N.P.D.  $100^o 10' 10''.1$  (mean position for 1872.0) appeared to be of magnitude 6-7. On the 8th it was of the 8th magnitude. On the 24th I noted it as of the 10th magnitude. From November 30 until January 1872 I noticed no change. Since then I have been unable to observe it.

*Discovery of Minor Planets (119) and (120).*

A communication has been received from M. Delaunay, Director of the Observatory of Paris, announcing the discovery, by M. Paul Henry, of Paris, of Minor Planet (119). It was first observed on the 9th of April, at 11 P.M.; but the observation then obtained was only approximate. A second observation was made on the next night by M. Prosper Henry, with the equatorial, in the garden of the Observatory of Paris.

	Paris M.T.			R.A.			N.P.D.		
	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>h</sup> <sup>m</sup> <sup>s</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	<sup>o</sup> <sup>'</sup> <sup>"</sup>	
1872, April 9	11 0 0	13 18 59	98 40 23						
10	12 41 49	13 18 4.61	..						
10	12 56 0	..	98 37 34.0						

The hourly motion in R.A. is  $-1^s.75$ , and in N.P.D.  $-25''$ . The planet is of the 11th magnitude.