

Additional Observations of Companion C

Table with columns for Observ. 1889, Local M.T., Δα, Δδ, C-O, and Observ. 1889, Local M.T., Δα, Δδ, C-O. Rows include Paris, Lyons, Padua, Algiers, Dresden, Munich, and Palermo with various dates and measurements.

The following are the mean deviations of these observations from my ephemeris in A. N. 2988 :

Table listing mean deviations for Lyons, Dresden, Padua, Munich, Algiers, Paris, and Palermo, including observer names and references like 'Comptes Rendus Vol. 109 p. 498'.

In A. N. 2988 p. 192 obs. of Nov. 9, line 12, from bottom, for the tail of A read the head of A.

Mr. Hamilton 1890 Sept. 16.

E. E. Barnard.

A cluster of eighteen small Nebulae discovered with the 36 inch Refractor of the Lick Observatory.

Some months ago, while measuring double stars with the great telescope, Mr. Burnham ran upon a very singular nest or group of very small nebulae. At his suggestion, I estimated their positions with reference to the two stars DM. +56°1679 and +56°1682. In addition to the more prominent ones seen at first, a number of fainter ones were added, making eighteen new nebulae found in the small area 16' x 5'. Doubtless with more careful attention others could have been found in the same field. No effort

was made to see other nebulae outside of the area mentioned.

From these estimations, the following closely approximate places have been derived. These Nebulae are all very small, and if seen at all in a smaller telescope might be taken for small stars. They are given here both to show the remarkably small space they occupy, and to illustrate the wonderful power of the great telescope in the department of the nebulae.

Positions of the Nebulae for 1860.

Table with columns for No., α, δ, and description of nebulae. Includes descriptions like 'No description; small; faint' and 'S; R; b; M faint'.

Table with columns for No., α, δ, and description of nebulae. Includes descriptions like 'S; R; b; M faint' and 'S; R; b; M faint'.

Mr. Hamilton 1890 Sept. 10.

E. E. Barnard.