On an Early Search for Winnecke's Comet before Perihelion.

About the first of February I received from Dr. von Haerdtl an ephemeris of Winnecke's comet which he had computed in hope that the comet might be observable with our great refractor.

Bad weather and poor seeing prevented any satisfactory search for the comet with the great telescope until April 5th when the immediate neighborhood of the ephemeris place was carefully gone over with the 36 inch. The ephemeris position was carefully located by the 5^m star Yarnall, 3142 ($3^m 30^s$ following the star and 3' north). With the telescope moving by its clockwork the above position was made central: the micrometer eye-piece (6' field) was carefully moved back and forth several times 12' on each side of the place in α and 6' north and 6' south.

The sky was dark and the seeing 4 on a scale of 5. If the comet was within this area it must have been less bright than was comet 1889 V (Brooks) on Jan. 12 1891 or I should certainly have seen it. The seeing became bad before the search could be extended further than this. It was however continued as far as 20' on each side in α and 10' north and 10' south but a very faint object would not then have been seen. One previous search with the 36 in. was had with very poor seeing on March 30th when considerably more space was covered. I have several times pretty thoroughly swept over the place with the 12 inch, and on Febr. 5 a new nebula was found in searching for the comet with this telescope. It was seen subsequently.

Neb. — * $\Delta\alpha = +0^m 4^s 30$ $\Delta\delta = +2^m 59^s 5$ Cp. 2.2 α 1891.0 = $7^h 59^m 1^s 42$ δ 1891.0 = $+26^\circ 28' 27.8$
Description 13^m ; R; v g b M; * $13\frac{1}{2}^m$ $\frac{1}{4}'$ s. f.

Comp. Star = W_2 $7^h 15^m 70$ 1891.0 $\alpha = 7^h 58^m 57^s 12$ $\delta = +26^\circ 25' 28.3$

If the comet is following the ephemeris closely it is evident that it can not be seen so long before perihelion with our present telescopes, which is contrary to what I should have expected.

Mt. Hamilton 1891 April 7.

E. E. Barnard.

Beobachtung eines kleinen Planeten in der Nähe von (76) und (147)

angestellt am 16. Mai 1891 auf der Sternwarte in Nizza.

J'ai l'honneur de vous adresser l'observation d'une planète de grandeur 13.2 environ, rencontrée cette nuit dans le voisinage des planètes (76) et (147) qui n'ont pas été observées depuis quelques années. Il pourrait se faire que ce fût l'une d'elles.

1891 Mai 16 $14^h 0^m 41^s$ t. m. Nice α app. = $16^h 22^m 37^s 65$ (9.169) DP. app. = $110^\circ 27' 40.7$ (0.894_n)
Marche diurne: en AR. = -47^s , en DP. = -3.2 .

A. Charlois.

Ein Telegramm vom 25. Mai sagt ferner:

»Charlois observe (76) par la position de l'éphéméride, cherchera (147). *Perrotin.*«

Da der Planet (147) Protogeneia in mehreren Erscheinungen beobachtet ist und die Elemente nahe richtig sein müssen, ist der von Hrn. Charlois am 16. Mai beobachtete Planet zunächst als neu anzusehen; er würde die Nummer (310) erhalten.

Kr.

General-Versammlung der Astronomischen Gesellschaft 1891.

Dieselbe wird nach einer vorläufigen privaten Mittheilung in den Tagen vom 5. bis 8. August in München abgehalten werden.

Kr.

Berichtigungen zu Nr. 3020 Bd. 126 S. 323 Z. 18 v. o. statt $+0^m 57^s 97$ lies: $+0^m 37^s 97$
• 3022 • • • 358 Z. 11 v. u. statt $117^\circ 30' 57.9$ lies: $117^\circ 30' 37.9$

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