

Osservazioni di Padova col Dembowski.

Diametro dell'obbiettivo 187<sup>mm</sup>. Distanza focale 3<sup>m</sup>20. Passo del micrometro a lamine 31<sup>"</sup>91.

1885	T.M.Padova	$\Delta\alpha$	$\Delta\delta$	Confr.	$\alpha$ app.	$\log p.A$	$\delta$ app.	$\log p.A$	Red. ad l. app.	*
Cometa 1886... (Fabry).										
Dic. 2	11 <sup>h</sup> 33 <sup>m</sup> 14 <sup>s</sup>	-0 <sup>m</sup> 22 <sup>s</sup> 18	—	16.0	0 <sup>h</sup> 36 <sup>m</sup> 33 <sup>s</sup> 71	9.566	—	—	+3 <sup>s</sup> 59 +24 <sup>"</sup> 3	1
2	11 59 30	—	- 9' 40 <sup>"</sup> 8	0.10	—	—	+21° 0' 35 <sup>"</sup> 5	0.684	+3.59 +24.3	1
3	9 46 15	+0 24.30	+10 11.9	16.8	0 34 20.34	9.356	+20 59 1.1	0.592	+3.57 +24.4	2
3	10 32 3	-2 40 62	-11 16.0	16.8	0 34 15.27	9.478	+20 59 0.3	0.626	+3.59 +24.3	1
11	9 33 57	+5 3.80	- 0 20.8	8.8	0 16 40.09	9.455	+20 46 59.1	0.620	+3.27 +25.5	3
11	10 15 12	+0 57.93	+10 21.0	8.8	0 16 37.46	9.532	+20 46 59.3	0.647	+3.29 +25.2	4
12	9 19 30	+3 4.30	- 1 33.1	16.10	0 14 40.59	9.434	+20 45 46.8	0.614	+3.27 +25.5	3
12	9 19 30	-0 58.14	+ 9 17.7	16.8	0 14 41.39	9.434	+20 45 56.0	0.614	+3.29 +25.2	4
13	9 31 41	+1 6.01	- 2 39.6	20.8	0 12 42.30	9.475	+20 44 40.3	0.627	+3.27 +25.5	3
13	9 31 41	+3 39.79	- 9 59.1	20.8	0 12 43.02	9.475	+20 44 39.8	0.627	+3.22 +25.6	5
Cometa 1886... (Barnard).										
Dic. 11	11 41 49	+5 39.07	-13 18.2	8.8	4 2 45.54	9.046	+ 5 26 54.0	0.754	+4.12 + 2.8	6
12	11 0 33	+3 13.64	- 6 56.2	16.12	4 0 20.11	8.702	+ 5 33 15.9	0.751	+4.12 + 2.8	6
13	10 38 34	+0 44.33	- 0 24.5	24.16	3 57 50.80	8.320	+ 5 39 47.5	0.750	+4.12 + 2.8	6
15	9 46 8	-4 14.56	+13 3.4	16.8	3 52 51.92	8.702 <sub>n</sub>	+ 5 53 15.3	0.748	+4.12 + 2.8	6

Stelle di confronto.

*	$\alpha$ 1885.0	$\delta$ 1885.0	Autorità	*	$\alpha$ 1885.0	$\delta$ 1885.0	Autorità
1	0 <sup>h</sup> 36 <sup>m</sup> 52 <sup>s</sup> 30	+21° 9' 52 <sup>"</sup> 0	W <sub>2</sub> 0 <sup>h</sup> 29-30	4	0 <sup>h</sup> 15 <sup>m</sup> 36 <sup>s</sup> 24	+20° 36' 13 <sup>"</sup> 1	W <sub>2</sub> 0 <sup>h</sup> 367
2	0 33 52.47	+20 48 24.8	W <sub>2</sub> 0 <sup>h</sup> 38-39-40	5	0 9 0.01	+20 54 13.3	1/2 (W <sub>2</sub> 200 + A. N. 57.231)
3	0 11 33.02	+20 46 54.4	BB. VI +20° 19	6	3 57 2.35	+ 5 40 9.3	$\nu$ Tauri. Berl. Jahrb.

Annotazioni.

Le due comete appaiono nel nostro cannocchiale, con ingrandimento di 122 volte, molto somiglianti; sembrano stelle di undecima grandezza attorniate da rara nebulosità senza indizio di coda. La Fabry diversifica dall'altra per il suo nucleo stellare più marcato è più lucente. Nella sera del 15 le osservazioni della Barnard riuscirono faticose in causa del chiaro di luna, anzi per diminuire la luce soverchia, nel campo del micrometro a lamine, trovai più opportuno di aumentare l'ingrandimento, usando il 166 in luogo del 122.

Padova, R. Osservatorio Astronomico, 1885 Dicembre 20.

A. Abetti.

On a new variable star in the Constellation Vulpecula.

I beg to announce that I have discovered the star DM. +27°3890 to be variable; and that its variations are of a character which assigns it to the small but interesting class of which  $\eta$  Aquilae is the type. The observations have not been numerous, or continuous enough (owing to cloudy weather), to determine the period with certainty; but a preliminary reduction of the observations, from which a light curve has been formed, indicates strongly that the period will not vary much from 4<sup>1</sup>/<sub>2</sub> days.

The approximate limits of fluctuation are from 5.5 to 6.7 mag. The position of the star for 1855.0 is

RA. = 20<sup>h</sup> 45<sup>m</sup> 19<sup>s</sup> 4 Decl. = +27° 42' 3.

Cambridgeport, Mass. U. S. A., 1885 Nov. 17.

The DM. positions and magnitudes of the comparison stars used are as follows:

Star	DM.	$\alpha$ 1855.0	$\delta$ 1855.0	Mag.
a	+27° 39 11	20 <sup>h</sup> 48 <sup>m</sup> 23 <sup>s</sup> 7	+27° 30' 0	5.3
*b	+31.4159	20 31 37.9	+31 4.0	6.2
	+31.4160	20 31 38.8	+31 1.0	6.4
c	+31.4181	20 35 10.7	+31 47.5	6.0
d	+29.4121	20 33 1.3	+29 49.6	6.5
f	+27.3909	20 48 13.2	+27 58.3	7.0

\* Combined light.

Edwin F. Sawyer.