Greenwich Date		No. Obs.		Observed Latitude			v
VIII	I	VIII	I	VIII	I		
1935							
September				″	″	″	″
26.11	26.21	8	8	0.92	0.86	0.89	+.03
27.12	27.18	6	3	0.91	0.89	0.90	+.02
29.14	29.20	3	8	1.01	1.01	1.01	−.09
30.07	30.20	4	8	1.00	0.84	0.89	+.03
October							
1.10	1.20	8	8	0.95	0.78	0.86	+.05
4.09	4.19	8	7	0.94	0.78	0.86	+.05
5.09	5.19	8	8	0.93	0.90	0.92	−.01
8.07	8.16	7	6	0.97	0.83	0.90	+.01
9.08	9.18	8	7	0.84	0.89	0.86	+.05
10.10	10.17	4	8	0.93	1.01	*	*
16.06	16.16	8	8	1.02	0.89	0.96	−.06
18.05	18.15	8	8	0.87	0.85	0.86	+.04
31.02	31.11	8	8	0.95	0.84	0.90	−.02
I	II	I	II	I	II		
3.21	3.29	5	4	0.96	0.91	0.94	−.03
7.24	7.31	1	8	1.02	0.99	0.99	−.08
*	10.30	*	8	*	0.95	0.97	−.07
19.15	19.27	8	8	1.04	0.87	0.96	−.06
20.16	20.27	5	8	0.82	0.83	*	*
23.13	23.26	7	7	0.90	0.93	0.92	−.03
25.14	25.26	5	6	0.98	0.93	0.95	−.06
26.11	26.26	5	6	0.92	0.87	0.89	.00
28.14	28.25	8	8	0.93	0.77	0.85	+.03
November							
3.15	3.20	3	3	0.91	0.93	0.92	−.04
—	7.21	—	5	—	0.90	0.90	−.02
9.09	9.22	8	8	0.90	0.90	0.90	−.02
10.09	—	8	—	0.93	—	0.93	−.05

Greenwich Date		No. Obs.		Observed Latitude			v
I	II	I	II	I	II	Mean	
1935							
November				″	″	″	″
15.07	15.20	8	8	0.88	0.85	0.86	+.02
19.06	19.19	8	8	1.02	0.86	0.94	−.06
22.05	22.18	8	8	0.83	0.78	0.80	+.09
24.05	24.16	5	4	0.88	0.83	0.86	+.03
26.03	—	5	—	0.87	—	0.87	+.02
27.04	27.17	8	8	0.87	0.84	0.86	+.03
30.01	—	5	—	0.94	—	0.94	−.04
December							
1.01	—	5	—	0.75	—	0.75	+.15
3.02	3.15	4	8	1.01	0.88	*	*
5.06	5.15	3	8	0.99	0.83	0.87	+.03
5.99	6.14	5	8	0.97	0.71	0.81	+.09
II	III	II	III	II	III		
October							
*	20.41	*	7	*	0.79	0.81	+.08
November							
21.18	21.31	8	5	0.91	0.86	0.89	.00
25.17	25.31	7	8	0.96	1.03	1.00	−.11
December							
2.15	2.29	8	8	0.97	0.97	0.97	−.07
*	3.28	*	6	*	0.84	0.90	.00
7.14	7.28	8	8	0.85	0.89	0.87	+.03
10.13	10.27	8	8	0.94	0.98	0.96	−.05
12.13	12.27	6	8	0.91	0.99	0.96	−.05
21.10	—	7	—	0.92	—	0.92	+.02
22.10	22.24	8	7	0.91	0.88	0.90	+.04
25.10	25.22	6	3	1.05	0.88	0.99	−.05
28.08	—	5	—	1.01	—	1.01	−.06
29.07	—	6	—	0.84	—	0.84	+.11

U. S. Naval Observatory, Washington, D. C.

NOTE ON DUPLICITY OF CAPELLA H

R. A. $5^h\ 10^m.0$, Dec. +45° 44′ (1900)

By CARL L. STEARNS

On nine plates taken with the twenty-inch visual refractor of the Van Vleck Observatory, a small but distinct protuberance has been found on the images of *Capella* H in position angle 117°. The most probable explanation of this appearance seems to be the presence of a faint companion of about the twelfth visual magnitude at a distance of about 1″.8 from H. The plates were taken between 1935 February 6 and 1936 February 15, and during this period no change in the position angle can be detected. If the faint companion were stationary, the proper motion of H, which has been found by Furuhjelm to be the same as that of A, would produce a change in the position angle of about 13° in a year.

Van Vleck Observatory,
Wesleyan University,
Middletown, Conn.
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