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MEASURES OF THE RADIAL VELOCITIES OF FOURTEEN STARS

By J. B. CANNON, M.A.

BOSS 151

($\alpha = 0^h 40^m \cdot 5$, $\delta = +54^\circ 46'$, spectral type A, mag. 5.5)

Plate	Date	Julian Day	Velocity
	1917		
8262	Aug. 6	2,421,447.832	- 7.4
8298	Sept. 12	484.790	-17.4
8309	Sept. 24	496.852	- 2.5
8324	Oct. 15	517.782	-12.3
8368	Nov. 29	562.617	-14.3
	1918		
8405	Jan. 3	597.517	- 3.2

Professor Frost has three measures of this star which show a range of 40 km. The first of his plates shows both components, the velocity from the main component being -24 km., and that of the other +115 km. Only one component was shown by our plates.

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($\alpha = 1^h 45^m \cdot 4$, $\delta = +54^\circ 39'$, spectral type B3, mag. 5.49)

Plate	Date	Julian Day	Velocity
	1914		
6304	Aug. 24	2,420,369.875	-37.3
6339	Sept. 4	380.873	-13.0
6359	Sept. 11	387.849	- 7.2
6379	Sept. 15	394.737	-45.2
6402	Sept. 18	394.770	-36.8
6442	Sept. 28	404.809	+28.7
	1916		
7782	Aug. 14	2,421,090.817	-17.4
7794	Aug. 16	092.847	-67.8

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