OBSERVATIONS OF DELPORTE'S OBJECT, 1932 EA₁*By*

HAMILTON M. JEFFERS AND CLIFFORD E. SMITH

	1932	Gr. C. T.	α 1932.0	δ 1932.0	α Log $p\Delta$	δ
Mar.	21	9 ^h 35 ^m 56 ^s	13 ^h 05 ^m 27 ^s .30	+17°04' 57".0	8.599	0.480
	21	9 45 56	05 30.61	17 05 36.6	8.784	0.482
	25	6 46 57	38 54.72	23 09 4.4	9.532n	0.453
	25	7 29 56	13 39 9.67	23 11 44.8	9.423n	0.402
	29	11 03 55	14 15 9.33	28 39 32.1	9.197	0.161
	29	11 10 56	15 11.79	28 39 54.6	9.237	0.170
	30	7 19 57	22 23.64	29 36 19.2	9.536n	0.292
	30	7 32 57	22 27.88	29 36 55.4	9.505n	0.264
	31	6 27 58	30 27.63	30 36 48.2	9.642n	0.392
Mar.	31	6 38 58	14 30 31.35	30 37 16.7	9.626n	0.367
May	25	5 52 58	17 09 39.56	31 19 37.3	9.610n	0.324
May	25	7 08 58	17 09 39.22	+31 18 29.5	9.426n	0.133

These positions are all from Crossley photographs. The exposures in March were of from two to eight minutes duration. The two plates in May were exposed sixty and seventy minutes respectively, and the appar-

ent magnitude was then about 18. In all cases the computed motion of the object was allowed for, and the images are, in consequence, points.

MOUNT HAMILTON, CALIFORNIA,
August 11, 1932.

PHOTOGRAPHIC OBSERVATIONS OF COMET RYVES, 1931c

By

CLIFFORD E. SMITH

	1931	Gr. C. T.	α 1931.0	δ 1931.0	α Log $p\Delta$	δ
Aug.	15	12 ^h 17 ^m 10 ^s	8 ^h 11 ^m 46 ^s .53	+22°24' 56".0	9.700n	0.720
	16	12 17 54	18 51.81	22 02 49.8	9.698n	0.723
	18	12 27 58	35 16.26	21 05 19.9	9.696n	0.723
	19	12 26 56	8 44 48.59	+20 27 40.7	9.692n	0.730

The above positions are from Crossley photographs. The plate of August 15 was obtained by Dr. W. H.

Wright and kindly placed at my disposal for measurement.

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