

Becker et al. 2023

High Survival and Percentages of Giraffe Calves Signal Areas in Need of Protection

C. Dustin Becker¹, Petra Elisabeth Campbell², Leslie Ann Kadane³, Reuben Kilutori Nagut⁴, David Limpaso Kinanta⁵, Henry C. Stevens⁶, Kerrith McKay⁷

Supplemental Material

Mean giraffe calf percentages at Oloirien Group Ranch (OGR) on the Siria Plateau of Kenya as determined by three methods: duplicated annual surveys, monthly single surveys, and annually compiled photographs. Aggregate means in bold.

Survey Type	Years	N	Mean Calf% of Total	S. D.
Annual	2014	2	32	7.1
Annual	2015	2	21	1.4
Annual	2016	2	38.5	0.7
Annual	2017	2	24	11.3
Annual	2018	2	13	2.8
Annual	2019	2	16.5	4.9
Annual	2021	2	16.5	4.2
Mean Annual		12	23.0	9.2
Monthly	2019	10	24.1	5.8
Monthly	2020	10	22.2	5.5
Monthly	2021	12	15.7	6.5
Monthly	2022	10	16.5	8.2
Mean Monthly			19.7	6.5
Mean PMR	2014-2022	6	23.5	7.7