

SUPPLEMENTARY MATERIAL 1. *Cirsium ownbeyi* plant densities, population spatial extents, and ratios of reproductive to vegetative plants. Values represent median (range in parentheses) of multiple estimates made in 2014–2016. *N* represents the number of estimates upon which the median and range are based. All methods of estimating density, spatial extent (transects and GPS “calculate area” function), and reproductive : vegetative ratio (belt transects and radial densities) contribute to the ranges and medians given below. Median values for densities and reproductive : vegetative ratios may not match those in the results section because in the manuscript we present estimates from belt transects only to allow the closest comparison to Fertig’s (1999) method of estimating densities.

Population ID	Subpopulation (if not included in Fertig 1999)	Density (plants/m ²)	<i>N</i>	Spatial extent (m ²)	<i>N</i>	Reproductive: vegetative ratio	<i>N</i>
002		0.068 (0.051–0.084)	4	4755.21 (2923.26–4823.8)	3	1.070 (0.071–2.44)	4
003		0.110 (0.053–0.252)	5	9369.12 (7770.8–22997.76)	3	0.069 (0.035–0.904)	4
	East of Hwy. 33	0.050 (0.041–0.059)	2	15,131.29 (13216.2–15265.66)	3	0.184 (0.035–0.333)	2
004		0.191 (0.112–0.265)	4	2370.18 (517.8–2686.76)	3	0.572 (0.144–0.802)	4
	South	0.333	1	714.55 (653.4–775.7)	2	0.023	1
005		0.114 (0.035–0.15)	4	1684.30 (1630.16–2392.5)	3	0.303 (0–0.556)	4
007		0.350 (0.201–0.499)	2	47,412.40	1	0.567 (0.534–0.6)	2
008		0.375 (0.214–0.486)	4	5594.18	1	1.133 (1.015–1.5)	4