

Table S1. Populations of *M. lewisii* and *M. cardinalis* used in the NMDS analysis in Figure 1B

Species	Population name	Numbering in Figure 1B	Replicate collections	Source	County	Nearest road	Latitude	Longitude	Elevation
<i>M. lewisii</i>	LF10	1	9	Inbred	Tuolumne	Evergreen Rd.	37.817	-119.867	1350
<i>M. lewisii</i>	SL9	2	4	Inbred	Tuolumne	Evergreen Rd.	37.817	-119.867	1350
<i>M. lewisii</i>	ML52	3	1	Wild	Mariposa	Tioga Pass Rd.	37.83	-119.48	2690
<i>M. lewisii</i>	SL2	4	2	Wild	Tuolumne	Evergreen Rd.	37.817	-119.867	1350
<i>M. lewisii</i>	WL3	5	4	Wild	Mariposa	Wawona Rd.	37.53	-119.65	1208
<i>M. cardinalis</i>	CE10	6	9	Inbred	Tuolumne	Evergreen Rd.	37.817	-119.867	1350
<i>M. cardinalis</i>	SC12	7	2	Inbred	Tuolumne	Evergreen Rd.	37.817	-119.867	1350
<i>M. cardinalis</i>	FC2	8	1	Wild	Mariposa	Old Coulterville Rd.	37.703	-119.753	1316
<i>M. cardinalis</i>	SC62	9	1	Wild	Tuolumne	Evergreen Rd.	37.82	-119.87	1320
<i>M. cardinalis</i>	WC32	10	1	Wild	Mariposa	Wawona Rd.	37.53	-119.65	1208

Latitude, longitude, and elevation reflect the location of the original collection of the population; inbred lines have been inbred for over ten generations. All populations are drawn from the central Sierra Nevada mountain range in California USA.