

APPENDIX A. Origin of populations of *Centaurea stoebe* used in the experiment.

TABLE A1. Composition of representative samples the three geo-cytotypes of *C. stoebe* from different eco-geographic regions (composition of “artificial populations”; see Hahn et al 2012) showing original populations with number of families and seeds used. Either 10 or 14 maternal plants were used (if four or three populations were pooled, respectively) to obtain similar genetic diversities among artificial populations.

Artificial population (Region/ Ploidy)	Eco-geographic region	Continent	Ploidy level	Population code	Latitude	Longitude	Number of maternal plants	Number of seeds per maternal plant
EU-1/2x	EU-1	EU	2x	SUAC	N 49° 13.223'	E 24° 42.294'	10	17
EU-1/2x	EU-1	EU	2x	SUAG	N 50° 16.515'	E 28° 54.642'	10	17
EU-1/2x	EU-1	EU	2x	SUAH	N 49° 40.239'	E 33° 42.038'	10	17
EU-1/2x	EU-1	EU	2x	SUAI	N 49° 40.051'	E 34° 56.887'	10	17
EU-1/4x	EU-1	EU	4x	SUAA	N 48° 8.281'	E 23° 4.604'	14	16
EU-1/4x	EU-1	EU	4x	SUAD	N 48° 15.012'	E 25° 53.787'	14	16
EU-1/4x	EU-1	EU	4x	UA4	N 48° 30.955'	E 26° 27.948'	14	16
EU-2/2x	EU-2	EU	2x	D1	N 48° 15.639'	E 13° 0.903'	10	17
EU-2/2x	EU-2	EU	2x	DE2	N 47° 39.714'	E 7° 31.821'	10	17

EU-2/2x	EU-2	EU	2x	DE10	N 51° 11.677'	E 13° 25.833'	10	17
EU-2/2x	EU-2	EU	2x	DE11	N 49° 10.283'	E 11° 57.953'	10	17
EU-2/4x	EU-2	EU	4x	DE3	N 49° 25.010'	E 11° 5.139'	14	16
EU-2/4x	EU-2	EU	4x	DE4	N 49° 59.620'	E 10° 37.886'	14	16
EU-2/4x	EU-2	EU	4x	DE5	N 50° 17.894'	E 10° 39.454'	14	16
EU-3/2x	EU-3	EU	2x	H1	N 46° 43.321'	E 17° 46.133'	10	17
EU-3/2x	EU-3	EU	2x	H3	N 46° 54.846'	E 17° 20.098'	10	17
EU-3/2x	EU-3	EU	2x	H5	N 46° 6.536'	E 18° 55.511'	10	17
EU-3/2x	EU-3	EU	2x	H6	N 46° 42.350'	E 19° 53.752'	10	17
EU-3/4x	EU-3	EU	4x	H2	N 47° 6.994'	E 17° 26.604'	10	17
EU-3/4x	EU-3	EU	4x	H4	N 45° 57.913'	E 17° 29.998'	10	17
EU-3/4x	EU-3	EU	4x	SHE	N 46° 24.095'	E 17° 28.405'	10	17
EU-3/4x	EU-3	EU	4x	SHF	N 46° 5.865'	E 18° 13.182'	10	17
NA-1/4x	NA-1	NA	4x	USMT3	N 45° 50.079'	W 113° 58.494'	10	17

NA-1/4x	NA-1	NA	4x	USMT5	N 44° 51.319'	W 111° 23.663'	10	17
NA-1/4x	NA-1	NA	4x	USMT6	N 45° 17.758'	W 110° 49.917'	10	17
NA-1/4x	NA-1	NA	4x	USMT9	N 47° 18.034'	W 112° 7.540'	10	17
NA-2/4x	NA-2	NA	4x	USMT2	N 46° 35.027'	W 114° 8.440'	10	17
NA-2/4x	NA-2	NA	4x	USMT11	N 47° 18.502'	W 114° 17.985'	10	17
NA-2/4x	NA-2	NA	4x	USOR7	N 44° 33.821'	W 121° 25.096'	10	17
NA-2/4x	NA-2	NA	4x	USOR8	N 44° 3.305'	W 121° 14.644'	10	17
NA-3/4x	NA-3	NA	4x	USOR2	N 45° 41.883'	W 121° 30.340'	10	17
NA-3/4x	NA-3	NA	4x	USOR9	N 43° 41.977'	W 121° 29.742'	10	17
NA-3/4x	NA-3	NA	4x	USOR10	N 42° 14.260'	W 121° 47.740'	10	17
NA-3/4x	NA-3	NA	4x	USOR11	N 44° 9.400'	W 122° 15.735'	10	17

LITERATURE CITED

Hahn, M. A., Y. M. Buckley, and H. Müller-Schärer. 2012. Increased population growth rate in invasive polyploid *Centaurea stoebe* in a common garden. *Ecology Letters* 15:947–954.

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