

Appendix S1 Means and standard deviations of phenotypic traits for males and females in each population.

Trait	McCoy*						Mahogany*						Nameless*					
	Males			Females			Males			Females			Males			Females		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
<i>Scale counts</i>																		
VENT	72	168.6	7.9	115	163.1	6.4	55	167.1	6.4	97	163.7	5.6	40	168.8	5.6	105	164.0	5.4
SUBC	68	82.9	9.5	99	78.9	8.2	48	78.8	10.6	77	76.1	8.1	26	78.1	12.9	46	75.7	7.8
TOTAL	68	251.4	12.5	98	241.5	9.8	48	245.3	15.0	77	238.9	10.6	26	245.2	16.3	46	238.4	11.0
MID	72	19.8	1.2	114	19.9	1.2	56	19.9	1.0	97	19.7	1.1	41	19.5	0.9	109	19.7	1.1
SLAB	72	15.9	0.5	114	16.0	0.6	55	16.0	0.4	100	16.0	0.4	39	15.9	0.4	108	16.0	0.2
ILAB	72	19.8	0.9	115	19.9	0.8	55	19.8	0.5	99	20.0	0.9	39	19.9	0.4	107	20.0	1.0
POST	71	5.9	0.7	114	5.9	0.8	56	6.0	0.4	99	6.1	0.6	39	6.0	0.4	107	6.1	0.2
<i>Colour scores</i>																		
DORRED	23	244.0	2.6	27	244.4	2.2	48	245.1	1.8	65	245.1	1.5	57	244.5	1.6	55	245.1	1.4
DORGREEN	23	191.9	19.0	27	184.8	15.6	48	185.9	14.7	65	182.6	12.7	57	179.4	11.6	55	181.7	11.7
DORBLUE	23	103.8	15.6	27	98.5	13.4	48	100.6	13.8	65	97.8	12.8	57	94.0	10.6	55	97.5	13.2
DORHUE	23	25.7	4.4	27	24.0	3.2	48	23.9	2.8	65	23.3	2.0	57	22.9	2.0	55	23.0	1.4
DORSAT	23	206.9	8.3	27	209.3	6.0	48	210.6	4.8	65	211.2	2.9	57	210.2	3.7	55	211.3	2.0
DORLT	23	163.5	7.5	27	161.1	6.6	48	162.4	6.9	65	161.1	6.6	57	159.0	5.4	55	160.9	6.8
LATRED	23	243.1	2.8	27	244.9	2.9	48	245.5	2.3	65	245.4	3.9	56	245.8	2.2	52	246.2	2.7
LATGREEN	23	217.3	8.7	27	207.7	12.1	48	203.2	13.8	65	197.5	9.4	56	201.7	12.2	52	194.9	7.3
LATBLUE	23	125.8	8.7	27	119.6	9.1	48	116.7	11.0	65	116.2	14.5	56	115.6	9.0	52	111.4	9.7
LATHUE	23	31.5	3.2	27	28.4	4.1	48	27.3	4.0	65	25.3	2.0	56	26.8	3.7	52	24.8	0.9
LATSAT	23	199.5	8.8	27	206.3	9.8	48	208.6	8.6	65	207.9	15.9	56	209.6	8.3	52	211.8	9.4
LATLT	23	173.7	4.7	27	171.4	4.2	48	170.3	5.1	65	169.8	6.0	56	169.8	4.0	52	167.9	4.5
BKGRND	23	6.5	0.5	27	6.3	0.4	48	6.2	0.4	65	6.2	0.4	57	6.0	0.3	55	6.0	0.4

* meadow site; † lakeshore site

Appendix 1 Continued.

Trait	Papoose*						Gallatin†						Pikes†					
	Males			Females			Males			Females			Males			Females		
	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
<i>Scale counts</i>																		
VENT	62	169.7	5.0	111	165.8	5.5	367	170.3	4.9	373	170.1	4.4	336	173.7	5.2	429	168.9	4.6
SUBC	55	80.9	9.4	93	72.8	11.5	307	84.1	8.6	317	84.0	8.4	330	90.9	5.6	403	80.8	4.3
TOTAL	55	250.7	10.5	93	239.2	12.3	304	254.5	11.5	315	254.0	10.7	323	264.4	7.8	394	249.8	7.0
MID	62	19.4	0.9	110	19.8	1.2	384	20.5	0.8	401	20.4	0.9	343	20.0	1.0	442	20.3	1.0
SLAB	62	16.0	0.4	110	15.9	0.4	386	16.0	0.3	405	16.0	0.4	345	16.0	0.6	442	16.1	0.8
ILAB	62	19.9	0.7	110	19.8	0.8	386	20.3	0.7	405	20.2	0.6	343	20.2	0.8	441	20.4	0.9
POST	61	6.0	0.4	109	6.1	0.5	386	6.2	0.7	405	6.2	0.6	345	5.9	0.7	443	6.0	0.7
<i>Colour scores</i>																		
DORRED	35	243.6	3.2	57	245.2	2.1	356	243.5	5.2	375	243.3	5.3	77	241.4	6.2	79	241.1	6.0
DORGREEN	35	188.3	17.6	57	188.3	13.6	356	195.9	13.8	375	192.0	12.2	77	192.6	9.4	79	190.4	11.2
DORBLUE	35	100.6	14.7	57	104.6	16.6	356	114.7	17.8	375	113.7	19.7	77	112.3	14.6	79	113.2	19.2
DORHUE	35	24.9	3.8	57	23.9	3.2	356	25.2	3.7	375	24.1	2.9	77	24.8	2.0	79	24.2	2.2
DORSAT	35	206.7	9.3	57	210.2	6.1	356	203.4	15.7	375	202.9	16.0	77	198.4	17.9	79	196.9	18.3
DORLT	35	161.7	7.1	57	164.3	8.2	356	168.4	8.8	375	167.8	9.7	77	166.2	7.5	79	166.5	9.4
LATRED	33	244.4	3.2	52	245.4	3.3	305	243.4	5.3	324	243.2	5.4	70	242.7	5.6	69	242.6	5.6
LATGREEN	33	207.4	15.1	52	200.8	11.5	305	201.9	11.9	324	198.7	12.6	70	200.2	8.5	69	196.4	10.0
LATBLUE	33	120.5	13.4	52	119.4	14.4	305	125.2	18.0	324	125.4	21.8	70	124.3	19.1	69	124.1	20.2
LATHUE	33	28.6	4.4	52	26.0	3.3	305	25.8	3.8	324	24.8	3.5	70	25.5	3.2	69	24.4	2.8
LATSAT	33	203.9	12.7	52	207.4	14.1	305	200.1	19.3	324	198.7	21.2	70	197.4	22.0	69	197.7	20.5
LATLT	33	171.6	5.8	52	171.5	6.1	305	173.3	8.2	324	173.2	9.7	70	172.5	8.1	69	172.5	9.3
BKGRND	35	6.1	0.4	56	6.1	0.5	363	4.8	0.7	382	4.7	0.6	77	4.6	0.5	79	4.5	0.6

* meadow site; † lakeshore site