

Supplementary Table 6. Landscape data for each study site. Introduced species are species that are non-native to Saskatchewan prairies according to the Conservation Data Centre (2017) ranking of SNA. Native species are plant species that naturally occur in the Saskatchewan native prairies.

Site	Elevation	Slope	Introduced	Native	Dominant land cover	Species richness
	(m)	(Degree)	(%)	(%)		
1*	554	45	85.5	41.33	Tame	22
2	551	12	26.83	109.83	Native	29
3	552	30	71.17	65.17	Tame	22
4	518	40	32.5	90.50	Native	27
5	516	45	25	100.17	Native	31
6*	554	40	69.83	57.50	Tame	28
7	438	30	60.17	78.17	Native	31
8	580	8	45.83	83.00	Native	22
9	554	35	21.5	112.00	Native	32
10*	578	20	50.33	80.67	Native	26
11	548	35	51.5	79.83	Native	29
12	559	48	44.5	89.67	Native	31
13	543	6	90	39.00	Tame	14
14	516	12	32.5	107.17	Native	28
15	577	20	52.67	83.67	Native	35
16	568	25	54.83	81.17	Native	28
17*	517	25	88.66	47.50	Tame	28
18	554	20	71.84	58.33	Tame	24
19	545	30	29.67	97.83	Native	30
20	518	15	76.67	57.17	Tame	28
21	543	17	46.17	86.33	Native	29
22	580	5	62.17	69.33	Native	25
23	552	40	35	103.83	Native	26
24	549	5	66.17	68.50	Native	31
25	548	35	68.67	67.17	Native	32
26	562	2	68.33	56.83	Tame	28
27	556	30	14.17	122.17	Native	18
28*	534	35	19.17	119.00	Native	26
29	549	5	60.5	73.67	Native	34
30	519	25	69.67	71.17	Tame	34
31	555	0	75.67	61.00	Tame	25
32	554	40	62.5	77.67	Native	29
33	549	40	32.5	98.17	Native	31
34*	571	35	51.67	77.67	Native	28
35	554	7	59.84	81.67	Native	27
36	552	20	43.83	91.67	Native	30
37	561	35	23.17	112.17	Native	34
38*	565	35	32.17	103.17	Native	29

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Supplementary Table 6: Continued

Site	Elevation	Slope	Introduced	Native	Dominate land cover	Species richness
	(m)	(Degree)	(%)	(%)		
39	563	25	50.34	83.67	Native	27
40	544	42	86.67	44.17	Tame	24
41	534	37	58.67	80.17	Native	39
42	552	20	47.67	92.67	Native	28
43*	545	48	34.17	107.83	Native	23
44	517	30	53	82.83	Native	26
45	537	35	46.66	91.17	Native	33
46*	554	35	49.83	92.67	Native	35

* indicates positive (present) Dakota skipper site