

Supplementary Materials: Integrated Analysis of Productivity and Biodiversity in a Southern Alberta Prairie

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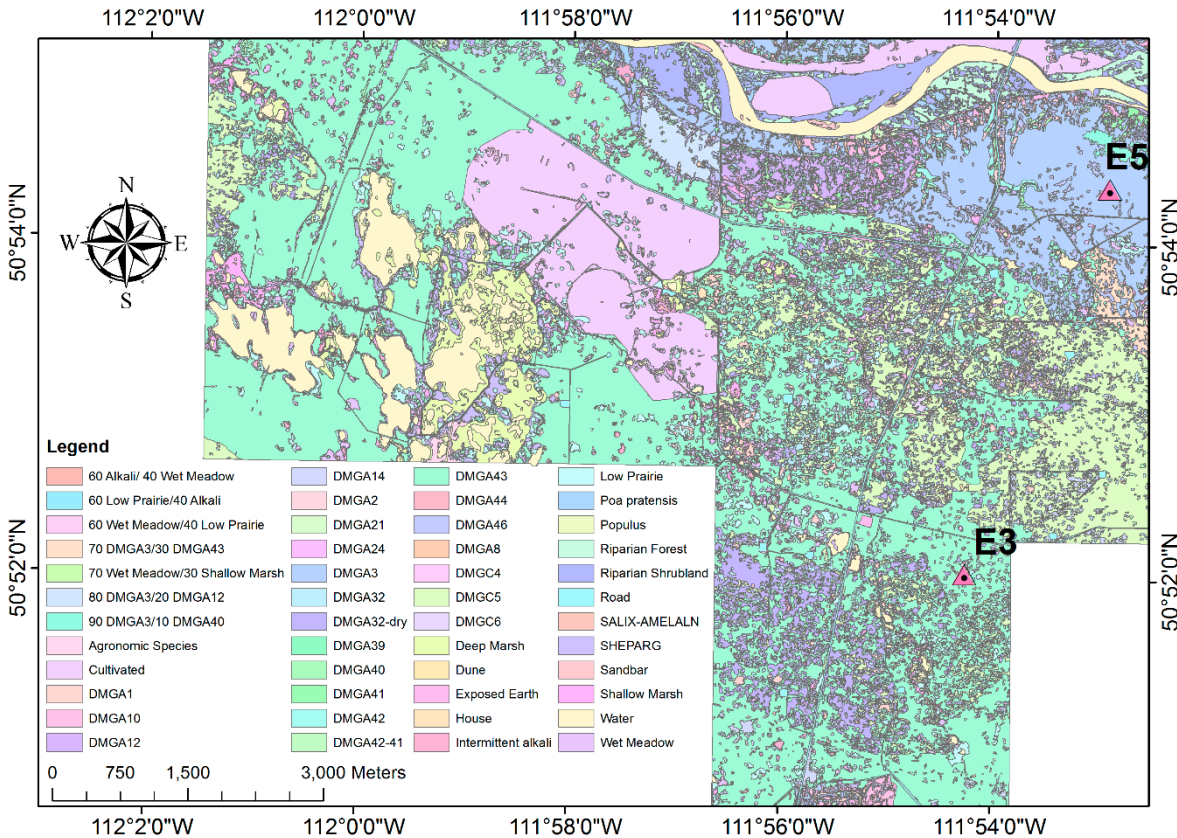


Figure S1. Vegetation distribution map and code for dominant species showing calibration sites (E3 and E5).

Table S1. Code for dominant species at two calibration sites (E3 & E5).

Code	Dominant Species
DMGA32	<i>Glycyrrhiza lepidota</i>
DMGA32-dry	<i>Stipa Comata</i> , <i>Glycyrrhiza lepidota</i>
DMGA43	<i>Stipa Comata</i> , <i>Carex stenophylla</i> , <i>Calamovilfa longifolia</i>
DMGC5	<i>Rosa woodsii</i> , <i>Stipa Comata</i> , <i>Calamovilfa longifolia</i> , <i>Carex stenophylla</i>
DMGA3	<i>Stipa Comata</i> , <i>Koeleria macrantha</i> , <i>Bouteloua gracilis</i>
DMGA46	<i>Stipa Comata</i> , <i>Bouteloua gracilis</i> , <i>Agropyron cristatum</i>
DMGA 40	<i>Agropyron smithii</i> , <i>Carex stenophylla</i>

Table S2. Dominant species percentage cover at E3 site.

Species/Community Code	Percentage Cover (200 m Radius)	Percentage Cover (500 m Radius)
DMGA32	0.072519	0.084158
DMGA32-dry	0.03564	0.042891
DMGA43	0.76665	0.750265
DMGC5	0.029128	0.055279
Intermittent alkali	0.003819	0.000849
Low Prairie	0.078827	0.043499
Shallow Marsh	0.001032	0.001911
water	0.003258	0.001809
Wet Meadow	0.009125	0.010522
Exposure earth	0	0.001233
Others	0	0.007584
Total	1	1

Table S3. Dominant species percentage cover at E5 site.

Species/Community Code	Percentage Cover (200 m Radius)	Percentage Cover (500 m Radius)
DMGA3	0.969884	0.843248
DMGA46	0.019399	0.055221
Wet Meadow	0.010716	0.007673
Exposure earth	0	0.005448
Low Prairie	0	0.007682
Shallow Marsh	0	0.001349
water	0	0.000213
90DMGA3/10DMGA40	0	0.070067
Others	0	0.0091
Total	1	1



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