

Supplementary Materials: Seasonal Variation in the NDVI–Species Richness Relationship in a Prairie Grassland Experiment (Cedar Creek)

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Table S1. Species richness and composition of each plot used in this study. The species abbreviations and identities are summarized in Table S2.

Plot #	Species Richness	Species
2	1	Lesca
3	4	Asctu Liaas Monfi Panvi Solri
5	1	Andge
6	2	Panvi Schsc
11	1	Achmi
12	8	Achmi Koecr Luppe Monfi Petca Petvi Poapr Schsc Solri Sornu
15	8	Agrsm Elyca Monfi Petca Petpu Petvi Poapr Queel Quema Solri
16	1	Asctu
20	1	Amoca
30	16	Achmi Agrsm Amoca Andge Asctu Elyca Koecr Liaas Luppe Monfi Panvi Poapr Queel Quema Schsc Solri Sornu
31	1	Schsc
33	4	Agrsm Andge Liaas Petca Petvi
34	16	Achmi Agrsm Amoca Andge Asctu Elyca Koecr Luppe Monfi Panvi Petpu Poapr Queel Quema Schsc Solri Sornu
35	16	Agrsm Amoca Andge Asctu Elyca Koecr Lesca Liaas Luppe Monfi Panvi Petpu Queel Quema Schsc Solri Sornu
44	4	Asctu Panvi Petca Petpu Petvi
45	4	Andge Liaas Petpu Quema
56	2	Luppe Schsc
57	8	Achmi Agrsm Koecr Lesca Monfi Petca Petvi Poapr Schsc Solri
58	4	Andge Monfi Poapr Solri Sornu
67	8	Agrsm Koecr Luppe Monfi Petca Petvi Queel Quema Solri Sornu
68	16	Achmi Agrsm Asctu Elyca Koecr Lesca Liaas Luppe Monfi Panvi Petpu Poapr Queel Quema Schsc Solri Sornu
92	1	Sornu
93	4	Agrsm Koecr Luppe Petpu
117	2	Asctu Luppe
118	8	Achmi Agrsm Andge Asctu Koecr Monfi Petpu Quema Solri
129 *	1	Liaas
142	1	Koecr
164	16	Agrsm Amoca Andge Asctu Elyca Koecr Lesca Liaas Monfi Panvi Petpu Poapr Queel Quema Schsc Solri Sornu
165	2	Poapr Sornu
168	2	Andge Koecr
169	16	Achmi Agrsm Andge Asctu Elyca Koecr Lesca Liaas Luppe Monfi Panvi Petpu Poapr Queel Quema Solri Sornu
170	8	Achmi Asctu Elyca Koecr Monfi Petca Petpu Petvi Queel Solri
171	2	Koecr Luppe
205	1	Petpu
265*	1	Luppe

* indicates the plot was not included in the whole-plot reflectance sampling campaign.

Table S2. Species abbreviations and identities in Table S1.

Abbreviations	Identities
Achmi	<i>Achillea millefolium</i>
Agrsm	<i>Agropyron smithii</i>
Amoca	<i>Amorpha canescens</i>
Andge	<i>Andropogon gerardi</i>
Asctu	<i>Asclepias tuberosa</i>
Elyca	<i>Elymus canadensis</i>
Koecr	<i>Koeleria cristata</i>
Lesca	<i>Lespedeza capitata</i>
Liaas	<i>Liatris aspera</i>
Luppe	<i>Lupinus perennis</i>
Monfi	<i>Monarda fistulosa</i>
Panvi	<i>Panicum virgatum</i>
Petca	<i>Petalostemum candidum</i>
Petpu	<i>Petalostemum purpureum</i>
Poapr	<i>Poa pratensis</i>
Queel	<i>Quercus ellipsoidalis</i>
Quema	<i>Quercus macrocarpa</i>
Schsc	<i>Schizachyrium scoparium</i>
Solri	<i>Solidago rigida</i>
Sornu	<i>Sorghastrum nutans</i>



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