

Deak et al.: Solonetz meadow vegetation (*Beckmannia eruciformis*) in East-Hungary

**Appendix S2.** Relative ecological indicator values for soil moisture (WB) and salinity (SB) and mean cover scores of detected species in the solonetz meadows. Notations: AGR-ALO: *Agrostio stoloniferae-Alopecuretum pratensis*; AGR-BECK: *Agrostio stoloniferae-Beckmannietum eruciformis*; AGR-GLY: *Agrostio stoloniferae-Glycerietum pedicellatae*. Abbreviations of regions: Hev - Hevesi-sík; Jas - Jászság; Nag - Nagykunság; Hor - Hortobágy; Mar - Maros-szög.

**Anhang S2.** Relative ökologische Zeigerwerte (Feuchtezahl WB, Salzzahl SB) und mittlere Deckungswerte von im Solonetzgrasland gefundenen Arten. Abkürzungen s. oben.

Species	AGR-ALO							AGR-BEC			AGR-GLY	
	WB	SB	Hev	Jas	Nag	Hor	Mar	Nag	Hor	Mar	Nag	Hor
<i>Alopecurus pratensis</i>	6	1	30.8	38.0	65.3	37.9	54.4	16.6	0.9	4.2	-	0.3
<i>Elymus repens</i>	5	1	11.0	8.0	15.9	0.5	18.8	-	-	1.2	-	-
<i>Limonium gmelini</i> ssp. <i>hungarica</i>	6	7	2.3	11.6	-	0.1	0.7	-	-	0.1	-	-
<i>Carex praecox</i>	3	1	-	8.2	0.9	-	5.5	-	-	-	-	-
<i>Carex melanostachya</i>	9	1	3.0	-	-	6.7	-	-	-	-	-	0.7
<i>Trifolium angulatum</i>	2	4	7.9	-	0.8	-	0.1	-	-	-	-	-
<i>Poa angustifolia</i>	3	0	6.0	-	0.2	-	0.8	-	-	0.1	-	-
<i>Trifolium fragiferum</i>	7	4	-	-	-	5.3	-	0.1	-	-	-	-
<i>Juncus conglomeratus</i>	8	0	-	-	-	4.7	-	1.8	-	-	-	0.8
<i>Trifolium striatum</i>	2	1	-	4.1	-	-	-	-	-	-	-	-
<i>Galium verum</i>	4	0	-	4.0	-	-	-	-	-	-	-	-
<i>Ranunculus lateriflorus</i>	4	4	3.4	-	-	0.2	-	-	0.5	-	-	1.3
<i>Rorippa sylvestris</i> ssp. <i>kernerii</i>	6	5	3.2	-	-	0.1	-	0.1	-	-	-	0.7
<i>Lotus angustissimus</i>	2	5	0.1	-	0.2	2.4	0.1	-	1.0	-	-	-
<i>Inula britannica</i>	7	2	1.1	-	1.0	0.5	-	0.4	0.1	-	-	0.1
<i>Agrostis stolonifera</i>	7	1	7.6	-	1.0	15.4	2.3	39.2	35.4	36.0	7.8	25.9
<i>Eleocharis uniglumis</i>	9	4	-	-	0.7	7.6	0.9	1.7	3.8	0.1	-	0.1
<i>Beckmannia eruciformis</i>	8	6	2.4	-	0.1	4.8	-	21.8	32.0	51.0	2.2	4.1
<i>Mentha pulegium</i>	7	1	1.0	-	-	0.4	1.6	1.1	1.0	2.4	-	-
<i>Juncus effusus</i>	9	0	0.2	-	-	-	1.2	1.6	-	0.6	-	-
<i>Veronica scutellata</i>	9	1	1.0	-	-	-	-	2.1	-	-	0.2	0.7
<i>Lythrum virgatum</i>	8	0	0.2	-	0.1	0.2	0.1	6.1	0.2	0.1	-	-
<i>Glyceria fluitans</i> ssp. <i>poiformis</i>	9	0	-	-	-	0.2	-	0.4	0.1	-	61.0	27.0
<i>Bolboschoenus maritimus</i>	10	3	-	-	-	0.1	-	-	3.9	-	0.6	1.5
<i>Alisma lanceolatum</i>	10	0	-	-	-	-	-	1.4	-	-	-	0.5
<i>Eleocharis palustris</i>	10	1	-	-	-	0.4	0.2	0.1	1.5	0.3	1.2	4.2
<i>Schoenoplectus lacustris</i> ssp.	10	3	-	-	-	0.1	-	-	-	-	-	4.2
<i>Alopecurus geniculatus</i>	9	2	-	-	-	0.8	-	0.2	0.5	0.6	-	2.1
<i>Poa trivialis</i>	7	0	-	-	1.2	-	-	-	-	-	-	2.2
<i>Typha angustifolia</i>	10	1	-	-	-	0.1	-	-	0.2	-	-	1.7
<i>Phalaris arundinacea</i>	4	0	-	-	-	-	-	-	-	-	-	1.4
<i>Potentilla reptans</i>	6	1	-	0.2	-	0.1	-	-	-	-	-	0.9

Species with average cover scores lower than 0.5% in the associations. Notations: numbers in brackets refer to the associations; 1 - *Agrostio stoloniferae-Alopecuretum pratensis*, 2 - *Agrostio stoloniferae-Beckmannietum eruciformis* and 3 - *Agrostio stoloniferae-Glycerietum pedicellatae*.

Arten mit mittleren Deckungswerten unter 0,5% in den Assoziationen. Anmerkung: Zahlen in Klammern beziehen sich auf die Assoziationen; 1 - *Agrostio stoloniferae-Alopecuretum pratensis*, 2 - *Agrostio stoloniferae-Beckmannietum eruciformis* and 3 - *Agrostio stoloniferae-Glycerietum pedicellatae*.

*Ajuga genevensis* (1); *Alisma plantago-aquatica* (2); *Artemisia santonicum* (2, 3); *A. vulgaris* (1); *Aster tripolium* ssp. *pannonicum* (2); *Atriplex prostrata* (2); *Bidens tripartita* (2); *Bromus mollis* (1); *Bupleurum tenuissimum* (1); *Carex stenophylla* (1); *C. vulpina* (1, 2, 3); *Centaurea pannonica* (1); *Cerastium dubium* (1); *C. glutinosum* (1); *C. semidecandrum* (1); *Chenopodium album* (1); *Cichorium intybus* (1); *Cirsium arvense* (1, 2); *C. brachycephalum* (2); *Convolvulus arvensis* (1); *Conyza canadensis* (2); *Cruciata pedemontana* (1); *Crypsis alopecuroides* (2); *Elatine alsinastrum* (2, 3); *Eleocharis acicularis* (1); *Epilobium tetragonum* (2, 3); *Erophila verna* (1); *Euphorbia virgata* (1); *Festuca pseudovina* (1); *Galium palustre* (1, 2, 3); *Gypsophila muralis* (1, 2); *Hordeum hystrix* (1); *Hypericum perforatum* (1); *Juncus atratus* (3); *J. compressus* (1, 3); *J. gerardii* (1, 2); *Lactuca saligna* (1); *Lathyrus tuberosus* (1); *Lemna minor* (1, 3); *Leontodon autumnalis* (1); *Lepidium ruderales* (1); *Lotus corniculatus* (1); *Lycopus europaeus* (1, 2, 3); *L. exaltatus* (1, 2); *Lysimachia nummularia* (1, 2, 3); *Lythrum hyssopifolia* (1); *L. salicaria* (3); *Mentha aquatica* (1, 2, 3); *M. arvensis* (1); *Myosotis arvensis* (1); *Myosurus minimus* (1, 2); *Oenanthe silaifolia* (2); *Peplis portula* (1, 3); *Pholiurus pannonicus* (2); *Phragmites communis* (3); *Plantago major* (1, 2); *P. media* (2); *P. tenuifolia* (1, 2); *Poa bulbosa* (1); *Poa pratensis* (1); *Polygonum aviculare* (1, 2); *Polygonum minus* (2); *Polygonum mite* (2); *Potentilla argentea* (1); *Puccinellia limosa* (1); *Pulicaria vulgaris* (1); *Ranunculus aquatilis* (1, 2, 3); *R. pedatus* (1); *R. repens* (1, 2); *R. sardous* (1, 3); *Rorippa austriaca* (1, 2); *Rumex crispus* (1); *R. stenophyllus* (1, 2, 3); *Scorzonera cana* (1); *Senecio erraticus* (1); *Solanum nigrum* (2); *Sonchus oleraceus* (1); *Tanacetum vulgare* (2); *Taraxacum officinale* (1); *Trifolium repens* (1, 2); *T. retusum* (1); *Trigonella procumbens* (1); *Tripleurospermum inodorum* (1, 2); *Typha latifolia* (2); *Veronica arvensis* (1); *V. serpyllifolia* (3); *Vicia hirsuta* (1); *V. sativa* (1); *V. tetrasperma* (1).