

Lukács et al.: Rainfall fluctuations and vegetation patterns in alkali grasslands

Appendix E4. Cover values of the species in the four grassland types in three years (mean ± SD). Notations: ARG – Artemisia grasslands; PUG-H – higher-elevation Puccinellia grasslands; PUG-L – lower-elevation Puccinellia grasslands; JUG – Juncus grasslands.

Anhang E4. Deckungsgrade der Arten in den vier Graslandtypen in den drei Jahren (Mittelwert ± Standardabweichung). ARG – Artemisia-Rasen; PUG-H – höher gelegene Puccinellia-Rasen; PUG-L – tiefer gelegene Puccinellia-Rasen; JUG – Juncus-Rasen.

	ARG			PUG-H			PUG-L			JUG		
	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011
<i>Agropyron repens</i>	-	-	-	-	-	-	-	-	-	0.4±0.8	-	-
<i>Agrostis stolonifera</i>	-	-	-	0.1±0.1	0.2±0.4	-	0.1±0.2	0.8±0.7	0.1±0.1	2.4±2.9	11.1±19.5	8.5±10.4
<i>Alopecurus geniculatus</i>	-	-	-	0.1±0.1	-	-	0.1±0.1	-	-	0.1±0.1	0.1±0.1	-
<i>Anthriscus caucalis</i>	-	-	-	-	-	-	-	-	-	0.1±0.1	-	-
<i>Artemisia santonicum</i>	7.1±2.4	2.0±1.0	0.9±0.8	2.1±1.7	1.5±2.0	0.8±1.6	0.7±1.0	0.1±0.1	0.1±0.1	0.5±0.7	0.1±0.1	-
<i>Aster tripolium ssp. pannonicum</i>	0.1±0.1	0.1±0.1	0.1±0.1	0.1±0.1	-	-	0.2±0.4	-	-	0.9±1.4	-	0.1±0.1
<i>Atriplex hastata</i>	-	-	0.1±0.1	0.1±0.1	-	0.1±0.1	-	-	0.1±0.1	-	-	0.1±0.2
<i>Atriplex litoralis</i>	-	-	-	-	-	0.1±0.1	-	-	-	-	-	-
<i>Bolboschoenus maritimus</i>	-	-	-	-	-	-	-	-	-	-	-	0.1±0.1
<i>Bromus mollis</i>	0.1±0.1	-	-	0.1±0.1	-	-	-	-	-	-	-	-
<i>Bupleurum tenuissimum</i>	0.6±0.6	0.2±0.2	0.1±0.1	0.1±0.1	0.1±0.1	0.1±0.1	0.1±0.2	-	-	0.7±0.7	-	-
<i>Carduus acanthoides</i>	-	-	-	-	-	-	0.1±0.1	-	-	-	-	-
<i>Carex acutiformis</i>	-	-	-	-	0.2±0.4	-	-	0.1±0.1	-	-	-	-
<i>Carex stenophylla</i>	4.7±4.4	3.4±1.4	3.8±6.5	1.7±3.8	1.5±2.9	0.1±0.1	-	-	-	-	-	-
<i>Cerastium dubium</i>	0.1±0.1	-	-	0.1±0.1	-	-	0.1±0.1	-	-	0.1±0.1	-	-
<i>Cerastium semidecandrum</i>	0.1±0.1	-	-	-	-	-	-	-	-	-	-	-
<i>Chenopodium album</i>	-	-	-	0.1±0.1	-	-	-	-	-	-	-	-
<i>Chenopodium strictum</i>	-	-	0.1±0.1	-	-	-	-	-	0.1±0.1	-	-	0.1±0.1
<i>Crypsis aculeatus</i>	-	-	-	-	-	-	-	-	0.7±1.4	-	-	0.1±0.1
<i>Cynodon dactylon</i>	1.9±4.2	4.0±8.8	4.1±8.8	0.1±0.1	0.1±0.1	0.1±0.1	-	-	-	-	-	-
<i>Daucus carota</i>	-	-	-	-	-	-	0.1±0.1	-	-	0.1±0.1	-	-
<i>Elocharis palustris</i>	-	-	-	-	-	-	-	-	-	-	0.1±0.1	0.6±1.3
<i>Epilobium tetragonum</i>	-	-	-	-	-	-	-	-	-	0.1±0.1	-	-
<i>Festuca pratensis</i>	-	-	-	-	-	-	-	-	-	0.1±0.1	-	-
<i>Festuca pseudovina</i>	63.3±5.8	69.6±11.2	18.5±15.7	3.2±2.4	0.7±1.0	-	0.4±0.5	-	-	1.1±1.3	-	-
<i>Gypsophila muralis</i>	0.1±0.1	-	-	-	-	-	-	-	-	-	-	0.1±0.2
<i>Hordeum hystrix</i>	3.4±2.2	1.7±1.2	12.4±5.2	18.0±13.5	7.5±12.2	3.0±4.4	17.6±12.5	26.5±21.4	0.1±0.1	36.2±10.8	1.5±1.6	0.1±0.1
<i>Hordeum jubatum</i>	-	-	-	-	-	0.1±0.1	-	0.1±0.1	-	-	-	0.1±0.1
<i>Inula britannica</i>	0.2±0.2	0.2±0.4	0.5±1	0.1±0.1	-	-	0.1±0.1	0.1±0.1	-	0.6±0.8	0.1±0.1	0.1±0.1
<i>Juncus compressus</i>	3.4±5.3	3.1±0.9	16.6±8.6	0.2±0.3	4.3±7.6	2.6±3.5	3.6±3.4	5.1±7.4	3.8±4.2	47.2±9.4	48.9±26.4	30.2±22.9

