Meier T., Hensen I. & Partzsch M. (2022) Effects of nitrogen addition and above-ground biomass removal on the growth and interactions between species of xerothermic grasses. – Preslia 94: 607–629.

Supplementary Table S4. – Results of the two-way ANOVA of leaf area, leaf drymass, LDMC, C/N ratio and RII in the competition experiment: *Bromus erectus* in combination with 1) *Brachypodium pinnatum*, 2) *Stipa capillata* and 3) *S. tirsa* in the first year (nutrient condition: nutrient poor/ nutrient rich; species composition: 9, 6:3, 3:6). Degrees of freedom (df), F-values and error probabilities (* $p < 0.05$, ** $p < 0.1$, *** $p < 0.001$) are given. Abbreviations: NC = nutrient condition; SC = species composition; E = Error; ns = not significant.

Source of variation	**leaf area [mm^2]**			**leaf dry mass [mg]**			**LDMC [mg/g]**			**C/N ratio**		
	df	F	p	df	F	p	df	F	p	df	F	p
1) *B. erectus* in combination with *B. pinnatum*												
B. erectus												
NC	1	24.13	***	1	13.96	***	1	4.68	*	1	8.17	**
SC	2	6.45	**	2	2.27	ns	2	0.23	ns	2	1.28	ns
NC x SC	2	0.40	ns	2	0.50	ns	2	0.51	ns	2	0.93	ns
E	90			90			90			90		
B. pinnatum												
NC	1	21.98	***	1	18.66	***	1	5.10	*	1	1.07	ns
SC	2	4.86	**	2	6.72	**	2	1.67	ns	2	2.06	ns
NC x SC	2	0.32	ns	2	0.13	ns	2	2.22	ns	2	1.18	ns
E	90			90			90			86		
2) *B. erectus* in combination with *S. capillata*												
B. erectus												
NC	1	12.51	***	1	6.30	*	1	0.20	ns	1	6.99	*
SC	2	5.56	**	2	4.84	*	2	1.71	ns	2	1.05	ns
NC x SC	2	2.14	ns	2	1.25	ns	2	0.85	ns	2	2.14	ns
E	90			90			90			90		
S. capillata												
NC	1	1.00	ns	1	0.00	ns	1	0.11	ns	1	5.84	*
SC	2	11.38	***	2	14.71	***	2	4.83	*	2	0.13	ns
NC x SC	2	0.01	ns	2	0.31	ns	2	0.30	ns	2	0.18	ns
E	89			89			89			77		
3) *B. erectus* in combination with *S. tirsa*												
B. erectus												
NC	1	51.64	***	1	19.69	***	1	2.65	ns	1	18.36	***
SC	2	6.81	**	2	7.32	**	2	3.32	*	2	0.23	ns
NC x SC	2	0.43	ns	2	0.65	ns	2	2.56	ns	2	1.85	ns
E	90			90			90			90		
S. tirsa												
NC	1	17.23	***	1	4.78	*	1	2.08	ns	1	23.75	***
SC	2	69.72	***	2	80.78	***	2	2.59	ns	2	1.77	ns
NC x SC	2	0.32	ns	2	0.34	ns	2	1.42	ns	2	1.03	ns
E	83			83			83			72		