

Online Resource 2 Descriptive statistics of species richness, number of diagnostic taxa, Social behaviour types, *Brachypodium rupestre* and litter cover (%) before and during the treatment

		Number of diagnostic taxa	Cover (%)								<i>Brach. rupestre</i>	Litter
			Social behavior type ^a									
			1	2	3	4	5	6	7	8		
Before treatment	Min.	2	21.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	16.0	0.0
	Max.	11	111.0	3.0	16.0	46.0	26.0	19.0	22.0	22.0	86.0	90.0
	Mean	7.9	63.2	0.5	1.3	10.0	11.1	4.6	7.4	2.5	50.7	47.6
	SD	1.9	21.6	0.8	3.3	11.0	7.9	5.8	6.4	4.8	19.8	30.7
	1st quartile	7	46.6	0.0	0.0	2.0	4.1	0.0	0.5	0.0	40.0	22.5
	Median	8	63.3	0.0	0.0	7.8	8.0	1.3	7.0	0.0	48.5	40.0
	3rd quartile	9	75.3	0.5	0.5	14.0	17.1	8.0	12.0	2.4	65.5	80.0
1 yr	Min.	5	34.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	10.0	0.0
	Max.	15	142.0	8.0	36.0	48.0	58.0	16.0	14.0	8.0	72.0	20.0
	Mean	9.6	80.9	1.9	3.4	12.2	22.0	2.2	2.3	1.2	33.3	3.3
	SD	2.6	21.6	0.8	3.3	11.0	7.9	5.8	6.4	4.8	19.8	30.7
	1st quartile	8	66.3	0.0	0.0	2.6	10.1	0.0	0.0	0.0	22.5	0.0
	Median	9	77.3	0.5	0.0	9.5	21.0	0.0	0.5	0.0	31.0	0.0
	3rd quartile	11	97.6	4.0	3.5	17.5	27.8	0.5	3.5	2.0	39.5	4.0
2 yrs	Min.	6	24.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0	0.0
	Max.	14	164.0	9.0	25.0	20.0	68.0	9.0	32.0	14.5	71.0	20.0
	Mean	9.9	83.2	1.5	11.7	3.6	21.4	0.9	5.9	1.8	25.3	4.4
	SD	2.3	38.8	2.1	5.9	4.9	16.5	2.2	9.0	3.0	17.4	5.2
	1st quartile	8	50.0	0.0	8.0	0.1	8.1	0.0	0.0	0.0	10.5	0.3
	Median	10	77.8	0.5	12.0	1.3	17.0	0.0	1.0	0.5	22.5	2.0
	3rd quartile	12	117.0	2.0	13.9	6.0	32.8	0.9	8.0	2.4	36.0	6.8
4 yrs	Min.	6	16.7	0.0	0.5	0.0	7.0	0.0	0.0	0.0	0.0	0.0
	Max.	16	114.1	6.0	25.0	50.0	61.0	35.1	15.0	3.0	51.0	25.0
	Mean	10.9	56.2	0.8	10.5	12.6	24.8	4.1	1.4	0.4	17.2	8.2
	SD	2.2	21.9	1.3	6.9	11.9	12.6	8.2	3.5	0.8	13.3	7.4
	1st quartile	9.25	43.3	0.0	5.0	3.4	13.5	0.0	0.0	0.0	8.0	2.3
	Median	11	51.1	0.5	10.0	10.6	23.3	0.0	0.0	0.0	13.5	6.5
	3rd quartile	12	65.1	0.9	15.4	17.3	32.3	5.0	0.8	0.0	23.8	10.0
5 yrs	Min.	7	36.5	0.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0	1.0

	Max.	13	109.5	1.0	15.5	41.0	66.0	2.0	18.0	4.0	40.0	12.0
	Mean	10.1	69.9	0.2	5.2	9.5	36.5	0.4	2.1	0.4	16.7	3.9
	SD	1.7	20.1	0.4	5.0	9.7	14.2	0.5	4.2	1.0	11.7	3.0
	1st quartile	9	51.0	0.0	0.0	3.0	23.5	0.0	0.0	0.0	8.0	2.0
	Median	10	73.3	0.0	5.0	5.5	35.6	0.0	0.0	0.0	13.5	3.0
	3rd quartile	11	83.5	0.5	8.9	12.6	45.5	0.5	2.0	0.1	23.8	5.0
	Min.	6	12.5	0.0	0.0	0.1	9.5	0.0	0.0	0.0	0.5	0.0
	Max.	17	93.0	2.0	20.0	42.5	118.0	5.0	15.0	12.0	30.0	10.0
	Mean	10.2	57.2	0.4	4.7	13.7	38.8	1.0	1.0	1.5	9.0	2.6
6 yrs	SD	2.6	21.4	0.6	5.9	11.0	20.0	1.3	2.8	3.4	7.2	2.4
	1st quartile	8.25	43.1	0.0	0.0	6.9	27.3	0.0	0.0	0.0	5.0	0.6
	Median	10.5	63.9	0.0	3.0	11.3	37.5	0.5	0.0	0.0	7.0	2.0
	3rd quartile	12	70.3	0.5	8.0	18.0	44.5	1.8	1.0	1.0	11.5	4.0

(^a): 1 - Characteristic species of *Festuco-Brometea* and *Festuco hystricis-Ononidetea striatae* (excluding *Brachypodium rupestre*); 2 - Characteristic species of *Elyno-Seslerietea*; 3 - Characteristic species of *Nardetea strictae*; 4 - Characteristic species of *Helianthemetea guttati*, *Sedo-Scleranthetea*, *Thlaspietea rotundifolii*, and *Drypidetea spinosae*; 5 - Characteristic species of *Molinio-Arrhenatheretea*; 6 - Characteristic species of *Trifolio-Geranietea sanguinei*; 7 - Characteristic species of *Carpino-Fagetea* and *Quercetea pubescentis*; 8 - Characteristic species of *Artemisietea vulgaris*, *Epilobietea angustifolii*, *Papaveretea rhoeadis*, and *Chenopodietea*.