

1st year of growth					
Statistics	Axis 1	Axis 2	Axis 3	Axis 4	
Eigenvalues	0.40	0.17	0.05	0.02	
Variance explanation (cumulative)	39.89	57.01	62.45	64.88	
Pseudo-canonical correlation	0.98	0.96	0.87	0.63	
Structure variables	VarExpl [%]	F	p	p <sub>adj</sub> <sup>*</sup>	Sign <sub>adj.</sub>
Shade	36.0	11.3	<0.001	0.001	***
Litter	9.7	3.4	0.002	0.004	**
Grass	9.7	3.4	0.002	0.004	**
Herb	4.5	2.1	0.016	0.016	*
Open ground	3.1	1.5	0.128	0.128	n.s.
Variance explanation Total [%]	66.3				
Total variance in the species data	11.81				
2nd year of growth					
Statistics	Axis 1	Axis 2	Axis 3	Axis 4	
Eigenvalues	0.40	0.15	0.06	0.03	
Variance explanation (cumulative)	39.59	54.88	61.05	63.55	
Pseudo-canonical correlation	0.99	0.97	0.81	0.70	
Structure variables	VarExpl [%]	F	p	p <sub>adj</sub> <sup>*</sup>	Sign <sub>adj.</sub>
Shade	30.0	8.6	<0.001	0.001	***
Litter	13.2	4.4	<0.001	0.001	***
Grass	13.2	5.5	<0.001	0.001	***
Herb	5.3	2.3	0.014	0.014	*
Open ground	3.7	1.7	0.071	0.071	n.s.
Variance explanation Total [%]	65.4				
Total variance in the species data	11.84				
3rd year of growth					
Statistics	Axis 1	Axis 2	Axis 3	Axis 4	
Eigenvalues	0.32	0.15	0.05	0.03	
Variance explanation (cumulative)	32.18	47.61	52.69	55.55	
Pseudo-canonical correlation	0.94	0.94	0.73	0.69	
Structure variables	VarExpl [%]	F	P	P <sub>adj</sub> <sup>*</sup>	Sign <sub>adj.</sub>
Shade	27.2	10.4	<0.001	0.001	***
Litter	11.1	4.8	<0.001	0.001	***
Grass	12.0	6.3	<0.001	0.001	***
Herb	4.0	2.2	0.013	0.025	*
Open ground	3.0	1.7	0.074	0.074	n.s.
Variance explanation Total [%]	57.3				
Total variance in the species data	16.61				
4th year of growth					
Statistics	Axis 1	Axis 2	Axis 3	Axis 4	
Eigenvalues	0.39	0.20	0.07	0.05	
Variance explanation (cumulative)	39.25	59.04	66.26	70.81	
Pseudo-canonical correlation	0.98	0.95	0.92	0.81	
Structure variables	VarExpl [%]	F	p	p <sub>adj</sub> <sup>*</sup>	Sign <sub>adj.</sub>
Shade	34.8	6.4	<0.001	0.001	***
Litter	16.0	3.6	0.003	0.010	**
Grass	13.3	3.7	0.003	0.011	*
Herb	6.6	2.0	0.071	0.141	n.s.

Open ground	1.2	0.3	0.934	0.934	n.s.
Variance explanation Total [%]	71.8				
Total variance in the species data	7.61				