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Supplementary file S2

Multivariate test results of the effects of fertilizer dose (N dose), year (Y; 2018, 2021, 2022 for the pine stands; 2019, 2021, 2022 for the spruce stands), site (S; Ilomantsi and Liperi for the pine stands; Juuka and Savonranta for the spruce stands) and their interactions on the abundance of all ground vegetation species in the Scots pine and the Norway spruce stands. Statistically significant results are shown in bold text ($p \leq 0.05$).

	N dose (N)		Year (Y)		Site (S)		N × Y		N × S		Y × S	
	$Dev_{1, 484}$	*p*	$Dev_{2, 482}$	*p*	$Dev_{1, 481}$	*p*	$Dev_{2, 479}$	*p*	$Dev_{1, 478}$	*p*	$Dev_{2, 476}$	*p*
Pine stand species	**237.31**	**0.001**	**1046.35**	**0.001**	**1222.40**	**0.001**	104.23	0.261	**156.17**	**0.001**	**261.79**	**0.001**
	$Dev_{1, 483}$	*p*	$Dev_{2, 481}$	*p*	$Dev_{1, 480}$	*p*	$Dev_{2, 478}$	*p*	$Dev_{1, 477}$	*p*	$Dev_{2, 475}$	*p*
Spruce stand species	**365.19**	**0.001**	**498.10**	**0.001**	**537.23**	**0.001**	**107.58**	**0.031**	**125.25**	**0.001**	**168.88**	**0.001**