

Table S1. List of all species and environmental variables correlated significantly with ordination axis modelling spatial structures

positive correlations			negative correlations		
	Z	p		Z	p
R scale RDA1					
<i>Deschampsia flexuosa</i>	4.997	0.000	<i>Sorbus torminalis</i>	-4.094	0.000
<i>Impatiens parviflora</i>	3.857	0.000	<i>Adoxa moschatellina</i>	-3.670	0.000
<i>Corylus avellana</i>	3.409	0.001	<i>Vaccinium myrtillus</i>	-3.548	0.000
<i>Brachypodium pinatum</i>	3.152	0.002	<i>Lathyrus niger</i>	-2.738	0.006
<i>Galium aparine</i>	2.986	0.003	<i>Melittis melissophyllum</i>	-2.660	0.008
<i>Crataegus laevigata</i>	2.599	0.009	<i>Festuca rubra</i>	-2.574	0.010
<i>Prunus spinosa</i>	2.526	0.012	<i>Veronica officinalis</i>	-2.355	0.019
<i>Galeopsis tetrahit</i>	2.201	0.028			
<i>Agrimonia eupatoria</i>	1.977	0.048	Ca	-2.702	0.007
			pH	-2.281	0.023
			Mg	-2.258	0.024
			clay	-2.008	0.045
S scale RDA 1					
<i>Melampyrum pratense</i>	5.061	0.000	<i>Vincetoxicum hirundinaria</i>	-3.723	0.000
<i>Galium odoratum</i>	3.783	0.000	<i>Calystegia sepium</i>	-3.216	0.001
<i>Luzula luzuloides</i>	3.541	0.000	<i>Allaria petiolata</i>	-2.778	0.005
<i>Crataegus laevigata</i>	3.284	0.001	<i>Calamagrostis arundinacea</i>	-2.757	0.006
<i>Melica nutans</i>	2.907	0.004	<i>Digitalis grandiflora</i>	-2.565	0.010
<i>Cerasus avium</i>	2.643	0.008	<i>Euphorbia cyparissias</i>	-2.430	0.015
<i>Brachypodium pinatum</i>	2.558	0.011	<i>Fraxinus excelsior</i>	-2.361	0.018
<i>Corylus avellana</i>	2.491	0.013	<i>Lychnis viscaria</i>	-2.341	0.019
<i>Festuca rubra</i>	2.358	0.018	<i>Trifolium montanum</i>	-2.333	0.020
<i>Rubus sp.</i>	2.211	0.027	<i>Acer pseudoplatanus</i>	-2.138	0.032
<i>Mentha arvensis</i>	2.130	0.033	<i>Polygonatum odoratum</i>	-1.995	0.046
<i>Polygonatum multiflorum</i>	2.127	0.033			
<i>Melampyrum nemorosum</i>	2.029	0.042	HL	-3.030	0.002
<i>Luzula multiflora</i>	1.984	0.047	sand	-2.275	0.023
<i>Crataegus monogyna</i>	1.977	0.048			
silt	2.182	0.029			
S scale RDA 2					
<i>Hepatica nobilis</i>	3.169	0.002	<i>Urtica dioica</i>	-2.746	0.006
<i>Vincetoxicum hirundinaria</i>	3.123	0.002	<i>Betula pendula</i>	-2.731	0.006
<i>Fagus sylvatica</i>	3.088	0.002	<i>Veronica officinalis</i>	-2.617	0.009
<i>Lathyrus niger</i>	2.946	0.003	<i>Anemone nemorosa</i>	-2.520	0.012
<i>Fraxinus excelsior</i>	2.854	0.004	<i>Quercus petraea</i>	-2.499	0.012
<i>Carpinus betulus</i>	2.742	0.006	<i>Crataegus monogyna</i>	-2.236	0.025
<i>Adoxa moschatellina</i>	2.587	0.010	<i>Moehringia trinervia</i>	-2.036	0.042
<i>Hedera helix</i>	2.439	0.015	<i>Poa nemoralis</i>	-1.993	0.046
<i>Lathyrus vernus</i>	2.389	0.017	<i>Scrophularia nodosa</i>	-1.986	0.047
<i>Polygonatum odoratum</i>	2.240	0.025			
<i>Galeopsis pubescens</i>	2.145	0.032	C:N	-3.290	0.001
<i>Festuca rubra</i>	2.084	0.037			
<i>Melica nutans</i>	2.024	0.043			
<i>Acer pseudoplatanus</i>	1.976	0.048			
clay	1.997	0.046			