

Taxon	southern England				northern England				Wales				Scotland			
	Direction (degrees)	Distance (km)	Change	Mean Occupancy	Direction (degrees)	Distance (km)	Change	Mean Occupancy	Direction (degrees)	Distance (km)	Change	Mean Occupancy	Direction (degrees)	Distance (km)	Change	Mean Occupancy
<i>Acer campestre</i>	74	2.1	-0.071	0.123	322	36.1	0.123	0.123	288	30.7	-0.058	0.058	143	11.6	-0.003	0.003
<i>Achillea millefolium</i>	119	0.2	-0.006	0.021	27	0.9	-0.021	0.021	8	1.6	-0.019	0.019	116	1.5	-0.037	0.037
<i>Achillea ptarmica</i>	226	22.5	-0.041	0.120	333	3.9	-0.120	0.120	50	2.4	-0.008	0.008	353	5.3	-0.033	0.033
<i>Adiantum capillus-veneris</i>	83	5.3	-0.001	0.001												
<i>Adoxa moschatellina</i>	137	6.6	-0.008	0.023	314	10.7	-0.023	0.023	255	4.4	-0.101	0.101	107	18.6	-0.038	0.038
<i>Aethusa cynapium</i>	56	13.9	-0.019	0.046	262	1.1	0.046	0.046	196	2.2	-0.011	0.011	19	9.6	-0.005	0.005
<i>Agrimonia eupatoria</i>	103	6.5	-0.027	0.010	279	20.6	0.010	0.010	163	0.9	-0.131	0.131	143	9.7	-0.009	0.009
<i>Agrimonia procera</i>	115	23.2	-0.003	0.003					255	1.3	-0.026	0.026	277	3.6	-0.003	0.003
<i>Agrostis capillaris</i>	308	1.7	-0.055	0.167	298	4.6	-0.167	0.167	69	0.5	-0.059	0.059	319	0.5	-0.013	0.013
<i>Agrostis curtisii</i>	231	65.9	-0.010	0.010												
<i>Agrostis stolonifera</i>	254	0.6	-0.037	0.004	136	0.6	0.004	0.004	200	4.4	-0.004	0.004	2	3.0	-0.017	0.017
<i>Aira caryophylla</i>	241	28.2	-0.018	0.021	16	6.3	-0.021	0.021	181	13.4	-0.042	0.042	343	4.9	-0.028	0.028
<i>Aira praecox</i>	116	12.3	-0.013	0.037	138	19.8	-0.037	0.037	355	9.0	-0.149	0.149	351	4.2	-0.001	0.001
<i>Ajuga pyramidalis</i>													334	18.7	-0.008	0.008
<i>Ajuga reptans</i>	159	1.9	-0.012	0.070	328	20.0	-0.070	0.070	343	11.6	-0.156	0.156	184	5.4	-0.019	0.019
<i>Alchemilla alpina</i>													175	26.2	-0.085	0.085
<i>Alchemilla filicaulis</i>	246	11.2	-0.023	0.061	194	1.3	-0.061	0.061	185	46.2	-0.072	0.072	112	4.6	-0.016	0.016
<i>Alisma lanceolatum</i>	31	6.0	-0.006	0.006												
<i>Alisma plantago-aquatica</i>	167	3.5	-0.036	0.081	165	8.8	0.081	0.081	198	10.5	-0.041	0.041	17	13.0	-0.008	0.008
<i>Alliaria petiolata</i>	53	0.7	-0.036	0.057	38	2.7	0.057	0.057	54	10.1	-0.029	0.029	288	9.2	-0.030	0.030
<i>Allium oleraceum</i>	306	12.6	-0.002	0.003	345	2.4	0.003	0.003								
<i>Allium schoenoprasum</i>	30	40.1	-0.008	0.010	97	1.8	0.010	0.010								
<i>Allium scorodoprasum</i>																
<i>Allium ursinum</i>	139	5.2	-0.068	0.039	328	15.4	-0.039	0.039	126	2.1	-0.072	0.072	184	10.9	-0.023	0.023
<i>Allium vineale</i>	212	8.5	-0.058	0.037	20	4.1	0.037	0.037	346	14.5	-0.026	0.026	135	2.8	-0.003	0.003
<i>Alnus glutinosa</i>	144	0.1	-0.072	0.018	357	0.6	-0.018	0.018	96	3.9	-0.127	0.127	171	7.5	-0.009	0.009
<i>Alopecurus aequalis</i>	217	16.5	-0.001	0.001												
<i>Alopecurus bulbosus</i>	144	14.5	-0.001	0.001												
<i>Alopecurus geniculatus</i>	226	3.8	-0.043	0.102	282	1.1	-0.102	0.102	346	2.9	-0.014	0.014	333	2.4	-0.047	0.047
<i>Alopecurus pratensis</i>	58	8.5	-0.039	0.067	302	0.8	-0.067	0.067	10	2.6	-0.194	0.194	344	14.5	-0.055	0.055
<i>Althaea officinalis</i>	120	53.5	-0.003	0.003												
<i>Anacamptis morio</i>	159	6.5	-0.012	0.007	291	2.4	-0.007	0.007	51	1.4	-0.020	0.020				
<i>Anacamptis pyramidalis</i>	207	5.4	-0.039	0.028	76	13.7	0.028	0.028	196	4.3	-0.060	0.060				
<i>Anagallis arvensis</i>	111	7.2	-0.021	0.086	303	6.4	0.086	0.086	301	2.9	-0.135	0.135	166	4.8	-0.004	0.004
<i>Anagallis tenella</i>	256	31.1	-0.020	0.040	212	2.7	-0.040	0.040	266	9.8	-0.002	0.002	273	23.5	-0.004	0.004
<i>Andromeda polifolia</i>					304	1.9	0.002	0.002								
<i>Anemone nemorosa</i>	211	7.7	-0.002	0.131	321	17.2	-0.131	0.131	71	9.9	-0.052	0.052	211	2.5	-0.046	0.046
<i>Angelica sylvestris</i>	35	3.3	-0.026	0.098	309	5.1	-0.098	0.098	333	1.6	-0.057	0.057	299	1.0	-0.001	0.001
<i>Antennaria dioica</i>													326	14.4	-0.009	0.009
<i>Anthoxanthum odoratum</i>	74	0.8	-0.027	0.107	320	2.9	-0.107	0.107	303	0.2	-0.022	0.022	330	1.4	-0.034	0.034
<i>Anthriscus caucalis</i>	175	13.5	-0.038	0.038												
<i>Anthriscus sylvestris</i>	48	1.8	-0.013	0.042	342	3.6	0.042	0.042	17	7.1	-0.064	0.064	334	33.9	-0.051	0.051
<i>Anthyllis vulneraria</i>	243	5.5	-0.034	0.058	348	17.9	-0.058	0.058	247	18.1	-0.042	0.042	356	8.0	-0.044	0.044
<i>Apium graveolens</i>	250	17.5	-0.001	0.006	26	3.3	0.006	0.006								
<i>Apium inundatum</i>	258	1.7	-0.007	0.001	141	0.8	-0.001	0.001	153	1.4	-0.013	0.013	132	11.0	-0.017	0.017
<i>Apium nodiflorum</i>	307	2.7	-0.015	0.146	163	19.7	0.146	0.146	301	1.6	-0.122	0.122	205	7.9	-0.017	0.017

<i>Aquilegia vulgaris</i>	158	0.7	-0.123	163	5.6	0.091	6	1.4	-0.062	12	8.9	0.006
<i>Arabidopsis petraea</i>										295	28.9	0.001
<i>Arabidopsis thaliana</i>	167	3.4	-0.064	266	3.8	0.187	274	5.0	0.071	10	16.1	0.024
<i>Arabis hirsuta</i>	18	11.6	-0.015	336	2.5	-0.014	174	3.9	0.007	231	0.4	-0.010
<i>Arctostaphylos alpinus</i>										43	3.2	-0.008
<i>Arctostaphylos uva-ursi</i>										349	16.6	-0.007
<i>Arenaria serpyllifolia</i>	23	0.4	-0.032	26	2.0	-0.018	146	10.5	0.013	28	3.8	-0.004
<i>Armeria maritima</i>	56	53.0	0.019	35	5.6	0.021	347	7.4	0.056	328	17.3	0.025
<i>Arrhenatherum elatius</i>	23	0.5	0.020	345	1.4	0.024	312	0.2	0.025	346	8.0	0.046
<i>Arum italicum</i>	76	6.9	0.004	11	2.5	0.014	334	1.2	0.051			
<i>Arum maculatum</i>	120	1.4	0.016	337	8.9	-0.012	213	6.4	-0.058	85	12.1	0.000
<i>Asperula cynanchica</i>	224	12.6	-0.015									
<i>Asplenium ceterach</i>	246	43.8	0.010	33	2.1	0.007	152	3.4	-0.040			
<i>Asplenium obovatum</i>	239	132.5	-0.005									
<i>Asplenium ruta-muraria</i>	242	15.9	-0.047	319	4.4	0.142	194	1.0	-0.075	4	1.1	0.044
<i>Asplenium scolopendrium</i>	162	2.6	-0.129	306	3.2	0.189	208	2.2	-0.063	185	4.9	-0.019
<i>Asplenium trichomanes</i>	66	28.9	-0.123	344	6.2	0.060	6	0.7	-0.025	246	5.4	-0.007
<i>Asplenium viride</i>										148	19.4	-0.017
<i>Astragalus danicus</i>	52	61.2	-0.006	6	2.6	0.011				41	8.3	0.010
<i>Astragalus glycyphyllos</i>	56	14.8	-0.002									
<i>Athyrium distentifolium</i>										122	1.5	-0.008
<i>Athyrium filix-femina</i>	250	30.3	-0.022	319	29.4	-0.090	48	0.1	0.015	220	4.0	-0.047
<i>Atriplex littoralis</i>	342	30.2	-0.066	235	0.4	0.064				105	20.9	0.012
<i>Atriplex patula</i>	69	13.5	0.005	169	4.7	0.015	228	6.4	-0.044	330	22.9	0.032
<i>Atriplex prostrata</i>	59	4.8	-0.150	144	2.2	0.229	44	4.7	0.126	24	15.8	0.051
<i>Atropa belladonna</i>	63	16.6	0.004									
<i>Avenula pratensis</i>	261	5.3	-0.022	342	41.1	0.024				125	16.6	0.000
<i>Avenula pubescens</i>	249	0.3	-0.046	344	11.9	0.008	251	18.6	0.011	298	4.6	-0.003
<i>Baldellia ranunculoides</i>	38	12.6	0.006				196	71.6	0.030	206	4.6	-0.009
<i>Barbarea vulgaris</i>	184	6.3	-0.010	348	1.2	0.039	271	12.4	-0.134	72	10.2	-0.019
<i>Bellis perennis</i>	54	0.9	0.007	311	0.7	-0.002	356	0.8	-0.031	38	1.1	0.023
<i>Berberis vulgaris</i>	53	7.9	-0.003	315	5.4	-0.009				107	8.8	-0.005
<i>Berula erecta</i>	53	19.0	0.017	267	2.0	0.017	0	31.2	0.009	28	18.7	-0.003
<i>Beta vulgaris</i>	35	46.9	-0.057	131	13.3	0.022	262	10.7	0.102	200	5.9	0.002
<i>Betonica officinalis</i>	234	34.9	-0.096	291	5.9	-0.085	170	5.0	-0.121			
<i>Betula nana</i>										15	1.5	-0.007
<i>Betula pendula</i>	174	2.1	-0.068	279	4.6	0.033	48	11.0	-0.039	68	9.6	-0.027
<i>Betula pubescens</i>	318	7.1	-0.038	302	4.0	-0.051	98	1.5	-0.015	231	1.3	-0.009
<i>Bidens cernua</i>	228	6.4	-0.012				236	22.3	-0.004			
<i>Bidens tripartita</i>	194	4.3	-0.016	359	1.3	0.014	178	13.0	-0.031			
<i>Blackstonia perfoliata</i>	149	8.2	-0.013	332	12.6	0.056	170	6.9	0.033			
<i>Blechnum spicant</i>	236	71.0	-0.006	318	28.4	-0.078	63	5.7	-0.044	267	4.7	0.036
<i>Blysmus compressus</i>	32	7.8	0.000	347	3.6	0.000						
<i>Botrychium lunaria</i>	254	9.8	-0.001	3	5.2	-0.024				14	3.3	0.029
<i>Brachypodium sylvaticum</i>	65	3.7	-0.072	319	12.9	0.110	279	3.6	-0.079	242	3.4	0.022
<i>Brassica nigra</i>	149	5.2	-0.032	155	16.5	0.022	270	3.0	0.034			
<i>Brassica oleracea</i>	71	13.4	0.004									
<i>Briza media</i>	89	3.1	-0.037	320	7.5	-0.109	118	2.9	-0.071	133	37.2	-0.032
<i>Bromopsis erecta</i>	233	8.3	-0.031	111	32.7	-0.004						
<i>Bromopsis ramosa</i>	174	5.0	-0.039	314	9.5	-0.033	247	9.4	-0.167	26	18.0	-0.011

<i>Bromus commutatus</i>	272	11.1	0.051									
<i>Bromus hordeaceus</i>	65	7.5	0.067	150	6.5	0.135	354	1.9	-0.054	57	3.7	0.020
<i>Bromus racemosus</i>	103	13.5	0.027									
<i>Bryonia dioica</i>	57	26.6	0.020	144	43.9	0.090						
<i>Bupleurum tenuissimum</i>	158	54.3	0.003									
<i>Butomus umbellatus</i>	252	10.9	-0.014	22	1.1	0.030						
<i>Buxus sempervirens</i>	60	8.7	0.001	109	7.1	0.037	25	4.6	-0.010	120	20.3	0.006
<i>Calamagrostis canescens</i>	189	26.1	-0.001	67	1.9	0.041						
<i>Calamagrostis epigejos</i>	52	36.6	0.047	122	4.2	0.027						
<i>Calluna vulgaris</i>	240	24.6	-0.039	311	23.2	-0.165	348	2.9	0.005	332	3.8	0.018
<i>Caltha palustris</i>	60	2.3	-0.016	324	8.0	-0.131	354	2.5	-0.087	155	1.0	-0.070
<i>Calystegia sepium</i>	62	3.9	0.031	174	4.6	0.277	285	1.0	-0.027	6	11.3	0.057
<i>Campanula glomerata</i>	343	16.0	-0.037	305	3.0	0.003						
<i>Campanula latifolia</i>	30	38.0	-0.009	343	17.4	-0.051				20	13.2	0.023
<i>Campanula patula</i>	304	34.7	0.000									
<i>Campanula trachelium</i>	100	7.5	-0.022									
<i>Cardamine amara</i>	36	26.7	0.007	311	23.8	0.043				145	6.9	0.020
<i>Cardamine bulbifera</i>	139	43.2	0.003									
<i>Cardamine flexuosa</i>	78	5.5	0.072	333	0.2	-0.041	329	1.0	-0.125	325	1.3	0.019
<i>Cardamine hirsuta</i>	96	3.9	0.107	81	2.9	0.011	66	0.8	-0.018	90	6.4	-0.079
<i>Cardamine impatiens</i>	177	4.8	0.002									
<i>Cardamine pratensis</i>	221	4.3	-0.019	305	6.7	-0.131	266	2.4	-0.093	2	0.9	0.022
<i>Carduus crispus</i>	66	15.9	-0.058	135	8.6	0.092	94	2.2	-0.076	63	6.9	0.011
<i>Carduus nutans</i>	130	3.7	-0.046	300	15.7	-0.009	204	62.6	0.016			
<i>Carduus tenuiflorus</i>	36	39.1	0.029				281	9.7	0.002	348	58.9	0.006
<i>Carex acuta</i>	80	3.4	-0.014	339	4.6	0.010						
<i>Carex acutiformis</i>	356	4.2	-0.008	315	2.7	0.057	2	12.7	-0.027	168	7.5	0.006
<i>Carex aquatilis</i>										154	19.5	-0.004
<i>Carex atrata</i>										205	46.6	0.001
<i>Carex bigelowii</i>										197	15.5	0.000
<i>Carex binervis</i>	46	20.9	0.022	312	8.8	-0.073	307	5.5	0.094	163	3.4	0.046
<i>Carex canescens</i>	111	4.3	-0.006	129	37.6	-0.005	324	10.5	0.006	256	3.2	-0.063
<i>Carex capillaris</i>										179	34.0	0.010
<i>Carex caryophylla</i>	236	27.5	0.020	145	10.6	-0.066	345	5.2	0.033	153	9.0	-0.060
<i>Carex diandra</i>										112	13.4	0.003
<i>Carex dioica</i>				307	32.4	-0.005	337	28.4	0.017	330	12.4	0.036
<i>Carex disticha</i>	279	11.1	0.018	330	2.9	0.012				147	23.1	0.015
<i>Carex divisa</i>	293	39.6	-0.003									
<i>Carex divulsa</i>	190	9.4	0.212									
<i>Carex echinata</i>	245	80.5	-0.023	261	2.9	-0.082	302	2.3	0.000	225	2.6	0.029
<i>Carex elata</i>	55	78.1	0.010	44	21.5	0.009						
<i>Carex flacca</i>	221	1.9	0.055	326	3.8	-0.008	253	0.9	0.218	6	2.6	0.003
<i>Carex hirta</i>	194	1.9	0.064	166	2.4	0.151	333	7.1	0.082	353	16.1	0.008
<i>Carex hostiana</i>	241	24.7	0.010	161	5.1	-0.048	248	14.3	0.019	304	7.5	0.016
<i>Carex humilis</i>	11	34.4	-0.005									
<i>Carex laevigata</i>	238	24.8	0.002	324	26.3	-0.026	213	2.2	-0.035	198	6.4	0.004
<i>Carex lasiocarpa</i>										162	8.2	0.018
<i>Carex leporina</i>	46	3.2	0.026	302	19.9	-0.086	1	4.3	-0.012	227	0.8	0.019
<i>Carex limosa</i>										239	1.3	-0.003
<i>Carex magellanica</i>										14	59.1	0.009



<i>Cirsium acaule</i>	163	9.6	-0.032									
<i>Cirsium arvense</i>	47	0.8	0.003	355	1.1	0.002	6	1.6	0.001	78	2.9	0.002
<i>Cirsium dissectum</i>	262	13.7	0.002									
<i>Cirsium eriophorum</i>	285	21.1	-0.005	294	6.5	-0.020						
<i>Cirsium heterophyllum</i>				331	41.6	0.030				358	16.1	0.006
<i>Cirsium palustre</i>	245	2.5	-0.046	314	14.8	-0.146	29	1.2	-0.020	354	1.7	-0.006
<i>Cirsium vulgare</i>	51	0.7	0.007	339	0.2	0.023	35	1.0	-0.045	6	5.5	0.044
<i>Cladium mariscus</i>	56	79.8	0.011							298	1.4	-0.005
<i>Clematis vitalba</i>	148	2.2	0.030	81	1.5	0.027	158	12.6	-0.044			
<i>Clinopodium acinos</i>	69	12.6	-0.031									
<i>Clinopodium ascendens</i>	56	2.3	0.013									
<i>Clinopodium calamintha</i>	257	84.3	-0.001									
<i>Clinopodium vulgare</i>	134	5.2	-0.035	310	4.7	0.010	36	0.9	-0.105	114	19.4	-0.001
<i>Cochlearia danica</i>	40	72.4	0.156	112	4.5	0.164	356	5.4	0.121	60	16.1	0.021
<i>Coeloglossum viride</i>	209	28.1	-0.012	323	3.0	-0.001				6	0.5	0.002
<i>Colchicum autumnale</i>	297	20.4	-0.011									
<i>Comarum palustre</i>	42	53.5	0.011	329	5.0	-0.040	28	29.5	0.092	323	1.0	-0.027
<i>Conopodium majus</i>	211	1.4	-0.043	322	16.4	-0.197	38	2.4	-0.091	248	1.8	-0.064
<i>Convallaria majalis</i>	66	18.1	0.005	165	0.7	-0.007						
<i>Convolvulus arvensis</i>	81	17.6	-0.012	125	8.5	0.073	198	5.0	-0.107	21	6.5	-0.020
<i>Corallorhiza trifida</i>										316	34.8	0.002
<i>Cornus sanguinea</i>	103	9.4	0.038	327	1.5	0.137	293	33.1	-0.028			
<i>Cornus suecica</i>										155	3.1	-0.008
<i>Corylus avellana</i>	74	4.9	0.058	175	1.0	0.094	140	4.2	-0.038	109	2.6	0.057
<i>Crassula tillaea</i>	72	62.2	0.014									
<i>Crataegus laevigata</i>	253	26.9	-0.017	155	21.4	0.032						
<i>Crataegus monogyna</i>	49	0.1	-0.005	338	3.1	0.025	59	0.1	-0.008	73	1.9	-0.031
<i>Crepis biennis</i>	101	1.6	-0.015	285	6.4	0.016						
<i>Crepis capillaris</i>	110	2.1	0.030	176	4.4	0.044	332	2.1	0.003	29	4.8	0.016
<i>Crepis paludosa</i>				148	5.5	-0.093	15	44.7	-0.024	177	12.0	-0.079
<i>Cruciata laevipes</i>	176	9.3	-0.021	241	4.1	-0.024	216	16.3	-0.128	355	19.4	-0.005
<i>Cryptogramma crispa</i>							25	2.6	0.015	180	31.4	0.006
<i>Cuscuta epithymum</i>	196	12.9	-0.003									
<i>Cuscuta europaea</i>	300	16.3	0.003									
<i>Cynoglossum officinale</i>	102	23.2	0.010	102	4.9	0.010						
<i>Cynosurus cristatus</i>	52	0.5	-0.048	324	3.6	-0.127	234	2.2	0.012	341	3.9	0.001
<i>Cyperus longus</i>	246	3.7	0.007									
<i>Cystopteris fragilis</i>	291	56.1	0.009	126	8.7	-0.026				135	6.4	-0.035
<i>Cytisus scoparius</i>	92	9.3	-0.022	340	5.1	-0.074	47	5.6	0.041	323	16.0	0.041
<i>Dactylis glomerata</i>	352	0.1	0.003	123	0.5	0.015	319	0.0	0.011	22	3.9	0.003
<i>Dactylorhiza fuchsii</i>	112	6.2	-0.020	308	11.8	-0.066	110	1.4	-0.066	162	7.2	-0.036
<i>Dactylorhiza incarnata</i>	60	14.5	-0.006	348	2.3	-0.012	238	24.9	0.032	327	10.1	0.026
<i>Dactylorhiza maculata</i>	244	49.4	-0.003	203	10.4	-0.023	247	10.8	0.177	321	7.4	0.150
<i>Dactylorhiza praetermissa</i>	33	10.3	-0.020	141	2.5	0.054	78	45.0	0.097			
<i>Dactylorhiza purpurella</i>				337	46.8	0.003	50	3.9	0.019	10	11.7	0.037
<i>Danthonia decumbens</i>	243	29.9	0.001	135	5.5	-0.096	280	3.8	0.130	300	3.2	0.072
<i>Daphne laureola</i>	285	1.9	0.019	292	3.9	0.005				327	95.5	0.006
<i>Daucus carota</i>	106	5.8	-0.060	16	1.2	0.063	207	8.4	0.074	285	5.3	0.013
<i>Deschampsia cespitosa</i>	239	2.9	-0.027	330	3.8	-0.079	26	1.8	-0.039	118	1.1	-0.002
<i>Deschampsia flexuosa</i>	312	17.8	-0.009	312	25.9	-0.156	29	3.3	-0.125	318	1.4	-0.031

<i>Deschampsia setacea</i>										219	12.6	-0.003
<i>Dianthus deltoides</i>	9	68.7	-0.002							324	20.8	0.005
<i>Digitalis purpurea</i>	77	14.7	-0.053	303	11.9	-0.075	109	1.4	-0.010	205	4.1	-0.017
<i>Diphasiastrum alpinum</i>										357	27.5	0.022
<i>Dipsacus pilosus</i>	260	2.5	-0.013							278	8.4	-0.009
<i>Draba incana</i>										348	5.0	0.001
<i>Draba muralis</i>	271	16.9	0.004									
<i>Drosera anglica</i>										335	34.7	-0.021
<i>Drosera intermedia</i>	148	28.5	-0.001							237	7.3	-0.017
<i>Drosera rotundifolia</i>	321	16.9	-0.012	139	48.8	-0.055	316	9.4	-0.023	217	3.4	-0.010
<i>Dryas octopetala</i>										256	16.7	-0.011
<i>Dryopteris aemula</i>	62	49.9	0.005							251	3.3	-0.012
<i>Dryopteris carthusiana</i>	80	11.5	-0.022	330	7.0	0.055	23	17.6	0.024	72	12.2	-0.025
<i>Dryopteris dilatata</i>	63	4.9	-0.067	313	19.1	-0.085	344	1.9	0.062	143	2.1	-0.021
<i>Dryopteris expansa</i>										220	3.1	-0.014
<i>Dryopteris filix-mas</i>	58	2.1	-0.019	313	6.7	-0.046	60	1.1	-0.024	124	5.5	-0.072
<i>Dryopteris oreades</i>										220	17.0	0.003
<i>Echium vulgare</i>	75	23.1	0.009	30	5.2	0.044	212	12.3	0.005	338	4.9	-0.001
<i>Elatine hexandra</i>										28	19.0	-0.002
<i>Eleocharis acicularis</i>	91	18.5	-0.003							253	24.2	-0.003
<i>Eleocharis multicaulis</i>	281	37.3	0.014	136	72.1	-0.015	249	3.3	0.109	205	6.7	0.022
<i>Eleocharis palustris</i>	273	2.6	-0.017	332	6.6	0.011	225	2.4	0.139	206	0.8	-0.024
<i>Eleocharis quinqueflora</i>	38	7.9	0.007	144	10.9	-0.014	231	22.7	-0.011	163	5.0	-0.028
<i>Eleocharis uniglumis</i>	245	11.0	0.000							282	7.8	0.008
<i>Eleogiton fluitans</i>	242	57.2	0.009							254	3.4	0.108
<i>Elymus caninus</i>	18	11.3	-0.018	305	2.6	-0.042	158	1.8	-0.133	122	4.4	-0.024
<i>Elytrigia atherica</i>	73	7.5	0.001	345	5.7	0.003	180	3.3	0.045			
<i>Elytrigia repens</i>	65	11.4	-0.041	330	10.0	0.044	348	1.0	-0.051	314	16.1	0.002
<i>Empetrum nigrum</i>				282	21.8	-0.022	339	15.7	0.057	10	6.6	-0.021
<i>Epilobium alsinifolium</i>										228	24.9	-0.011
<i>Epilobium anagallidifolium</i>										70	1.6	0.000
<i>Epilobium hirsutum</i>	53	6.1	-0.049	324	7.5	0.089	200	7.7	0.172	55	6.0	-0.020
<i>Epilobium lanceolatum</i>	238	9.2	0.020									
<i>Epilobium montanum</i>	193	2.1	-0.020	325	1.2	-0.071	46	2.2	-0.028	344	6.2	-0.012
<i>Epilobium obscurum</i>	238	19.8	-0.098	132	1.2	0.145	324	2.6	0.039	162	2.8	0.027
<i>Epilobium palustre</i>	277	29.7	-0.006	103	2.8	-0.193	53	3.0	-0.103	344	2.0	0.012
<i>Epilobium parviflorum</i>	97	4.6	-0.253	151	6.5	0.208	291	1.8	0.060	115	3.4	-0.033
<i>Epilobium roseum</i>	258	11.3	-0.020	238	8.4	0.019				122	17.0	0.000
<i>Epilobium tetragonum</i>	83	1.7	-0.195	133	2.6	0.108	164	3.3	-0.072			
<i>Epipactis helleborine</i>	164	2.8	-0.010	325	5.1	0.005	213	22.6	-0.020	11	51.9	-0.001
<i>Epipactis palustris</i>	53	45.4	0.008									
<i>Epipactis phyllanthes</i>	88	2.0	-0.001									
<i>Epipactis purpurata</i>	80	13.7	-0.020									
<i>Equisetum arvense</i>	63	7.2	-0.016	307	2.7	0.028	334	1.2	-0.085	2	3.7	-0.016
<i>Equisetum fluviatile</i>	47	7.4	-0.022	333	3.0	-0.034	12	0.8	0.016	15	1.4	-0.026
<i>Equisetum hyemale</i>				349	22.9	0.009				353	3.8	-0.005
<i>Equisetum palustre</i>	56	11.4	-0.036	313	3.0	-0.143	215	2.4	-0.009	11	6.9	-0.014
<i>Equisetum pratense</i>										67	1.5	0.002
<i>Equisetum sylvaticum</i>	292	40.6	-0.009	317	34.8	-0.112	173	11.0	0.010	181	7.4	-0.014
<i>Equisetum telmateia</i>	73	8.5	-0.008	351	6.2	-0.034	207	25.2	0.002	65	15.7	-0.005

<i>Equisetum variegatum</i>									55	4.0	0.002	
<i>Erica ciliaris</i>	178	53.0	-0.002									
<i>Erica cinerea</i>	236	24.4	-0.027	307	10.6	-0.036	340	12.4	0.117	312	3.2	0.016
<i>Erica tetralix</i>	341	8.1	-0.023	225	8.9	-0.041	2	12.1	0.027	193	5.5	0.011
<i>Erigeron acris</i>	78	14.3	0.020	115	6.3	0.039	150	13.2	0.062			
<i>Eriophorum angustifolium</i>	244	41.1	-0.006	138	30.0	-0.102	241	3.1	0.037	186	3.6	0.018
<i>Eriophorum latifolium</i>				234	7.9	-0.012				139	9.0	0.004
<i>Eriophorum vaginatum</i>	204	43.0	-0.002	146	43.8	-0.056	319	7.8	0.031	280	3.4	0.008
<i>Erophila glabrescens</i>	195	14.9	0.022							158	1.5	0.030
<i>Euonymus europaeus</i>	90	6.6	0.061	308	21.5	0.044	258	18.4	-0.030			
<i>Eupatorium cannabinum</i>	78	8.2	0.009	229	6.4	0.004	194	5.2	0.000	246	13.4	0.014
<i>Euphorbia amygdaloides</i>	206	4.8	0.010				135	27.1	0.009			
<i>Euphorbia stricta</i>	270	23.4	0.005									
<i>Euphrasia arctica</i>										80	4.0	0.013
<i>Fagus sylvatica</i>	85	4.6	0.028	84	2.3	0.047	139	2.8	-0.117	132	10.7	0.015
<i>Festuca altissima</i>										117	30.6	0.017
<i>Ficaria verna</i>	161	2.3	0.043	310	8.3	-0.058	231	1.9	-0.017	4	10.6	0.051
<i>Filago minima</i>	6	1.3	0.014	110	5.3	0.019				203	24.6	0.028
<i>Filago vulgaris</i>	267	20.0	0.089	326	23.3	0.043						
<i>Filipendula ulmaria</i>	103	0.3	-0.006	311	3.4	-0.025	184	1.5	-0.066	174	1.0	0.003
<i>Filipendula vulgaris</i>	260	3.3	-0.011	294	23.9	-0.002						
<i>Fragaria vesca</i>	211	6.5	0.001	303	3.8	-0.085	34	1.4	-0.159	179	7.2	0.053
<i>Frangula alnus</i>	201	12.2	0.014									
<i>Fraxinus excelsior</i>	224	1.8	0.048	332	2.6	0.057	200	0.7	-0.073	182	1.9	0.002
<i>Fritillaria meleagris</i>	166	11.6	0.002									
<i>Fumaria bastardii</i>	245	8.9	-0.004				150	36.5	0.037	153	3.1	0.007
<i>Fumaria capreolata</i>	36	14.2	0.008	5	29.5	-0.006	147	1.3	0.054	19	50.4	0.003
<i>Fumaria muralis</i>	236	56.0	0.030	252	5.4	0.052	289	4.4	0.082	108	7.3	0.008
<i>Fumaria occidentalis</i>	252	15.5	-0.007									
<i>Fumaria purpurea</i>										39	14.1	0.012
<i>Gagea lutea</i>				1	50.8	0.000						
<i>Galium album</i>	212	7.9	-0.006	337	22.5	0.053	126	1.1	-0.005	76	4.0	0.019
<i>Galium aparine</i>	49	0.6	0.002	355	2.4	0.024	16	1.5	0.022	355	7.1	0.064
<i>Galium boreale</i>										20	8.0	0.026
<i>Galium odoratum</i>	240	16.5	-0.031	287	16.1	-0.036	178	14.8	-0.041	112	0.8	0.026
<i>Galium palustre</i>	131	1.5	0.006	288	9.9	-0.134	285	1.3	0.015	192	3.9	0.012
<i>Galium parisiense</i>	233	12.6	0.003									
<i>Galium saxatile</i>	296	2.3	-0.021	321	33.4	-0.165	22	5.7	-0.018	319	2.4	0.022
<i>Galium uliginosum</i>	57	3.4	0.005	328	7.4	-0.014	267	0.9	0.000	139	7.7	0.008
<i>Galium verum</i>	41	4.1	0.028	271	6.4	0.083	16	12.4	0.103	23	5.8	0.042
<i>Gaudinia fragilis</i>	205	66.8	0.007									
<i>Genista anglica</i>	234	36.8	-0.009				360	3.7	0.022	299	3.7	0.012
<i>Genista tinctoria</i>	147	15.7	-0.052	323	19.0	0.005						
<i>Gentiana pneumonanthe</i>	249	10.8	-0.004									
<i>Gentianella amarella</i>	214	10.1	-0.029	300	10.4	-0.012				34	8.6	0.003
<i>Gentianella anglica</i>	334	11.4	-0.010									
<i>Gentianella campestris</i>										309	2.6	0.030
<i>Gentianella germanica</i>	57	2.0	-0.014									
<i>Geranium columbinum</i>	237	37.6	-0.005				168	1.5	0.019			
<i>Geranium lucidum</i>	246	18.9	0.092	177	0.3	0.100	175	18.4	0.014	110	8.8	0.005



<i>Hypericum perforatum</i>	71	1.8	0.063	302	2.1	0.040	276	4.4	-0.035	117	22.7	-0.033
<i>Hypericum pulchrum</i>	231	49.1	-0.038	313	8.8	-0.047	15	3.9	0.015	316	5.5	0.037
<i>Hypericum tetrapterum</i>	108	1.9	0.041	214	2.3	-0.027	238	1.0	-0.042	208	7.3	-0.030
<i>Hypericum undulatum</i>	63	205.9	0.001									
<i>Hypochaeris glabra</i>	62	59.3	0.016									
<i>Hypochaeris radicata</i>	227	3.2	0.002	280	1.9	-0.093	50	2.1	0.066	352	4.1	0.026
<i>Hypopitys monotropa</i>	36	1.3	0.004									
<i>Ilex aquifolium</i>	76	6.4	0.044	53	1.7	0.113	86	3.8	-0.064	157	5.9	-0.012
<i>Illecebrum verticillatum</i>	164	34.3	0.001									
<i>Inula conyzae</i>	213	19.3	-0.001	317	21.8	0.016	160	8.2	0.054			
<i>Iris foetidissima</i>	154	10.3	0.182	198	23.3	0.041	358	2.8	0.051			
<i>Iris pseudacorus</i>	54	4.5	-0.076	182	1.6	0.196	219	5.0	0.081	270	2.8	0.001
<i>Isoetes echinospora</i>										177	1.1	-0.008
<i>Isoetes lacustris</i>										233	8.2	-0.003
<i>Isolepis cernua</i>	228	3.7	0.008				298	1.2	0.085	259	18.2	0.018
<i>Isolepis setacea</i>	255	11.2	0.007	294	1.7	-0.027	312	2.7	0.070	223	1.2	0.047
<i>Jasione montana</i>	237	123.1	-0.054	3	4.1	-0.018	95	3.5	-0.056	194	5.3	-0.011
<i>Juncus acutiflorus</i>	245	12.8	-0.034	324	6.6	-0.018	282	3.8	0.025	191	9.7	-0.078
<i>Juncus alpinoarticulatus</i>										117	4.0	0.003
<i>Juncus articulatus</i>	141	2.0	-0.034	318	1.8	-0.165	167	0.2	0.037	338	1.0	0.046
<i>Juncus bulbosus</i>	228	27.5	-0.015	147	27.4	-0.131	203	0.7	0.004	319	5.8	0.030
<i>Juncus compressus</i>	46	27.5	0.000									
<i>Juncus conglomeratus</i>	181	6.9	-0.026	309	6.2	-0.050	326	3.4	0.105	7	3.7	0.027
<i>Juncus effusus</i>	144	0.3	0.004	300	6.5	-0.078	11	3.4	0.000	222	0.8	0.015
<i>Juncus inflexus</i>	63	12.7	0.085	317	5.1	0.117	228	9.4	0.012	143	38.4	-0.047
<i>Juncus squarrosus</i>	264	29.4	0.006	330	12.0	-0.047	337	9.5	-0.018	259	1.3	0.015
<i>Juncus subnodulosus</i>	39	23.7	-0.023	184	2.2	0.011	67	27.6	-0.003			
<i>Juncus trifidus</i>										162	17.3	-0.027
<i>Juncus triglumis</i>										161	21.8	-0.019
<i>Juniperus communis</i>	176	27.6	-0.005	145	58.8	0.005				79	1.5	0.046
<i>Kalmia procumbens</i>										66	1.8	-0.004
<i>Knautia arvensis</i>	78	4.9	-0.093	290	6.4	0.015	277	4.9	-0.024	279	23.7	-0.003
<i>Koeleria macrantha</i>	265	6.2	-0.024	323	2.1	-0.010	241	15.9	-0.007	5	19.9	0.019
<i>Lactuca virosa</i>	266	44.9	0.078	324	90.1	0.064						
<i>Lamiastrum galeobdolon</i>	108	7.0	0.093	338	9.5	0.107	294	16.0	-0.040	35	6.8	0.036
<i>Lapsana communis</i>	59	2.3	0.045	324	3.9	0.072	30	7.0	-0.122	169	1.2	-0.015
<i>Lathraea squamaria</i>	228	1.7	-0.004	284	8.1	-0.006						
<i>Lathyrus aphaca</i>	145	14.6	0.003									
<i>Lathyrus linifolius</i>	237	39.0	-0.003	321	16.4	-0.130	169	1.8	-0.101	3	10.5	-0.039
<i>Lathyrus nissolia</i>	218	10.7	0.017									
<i>Lathyrus pratensis</i>	80	1.3	-0.031	329	1.1	-0.003	6	0.7	-0.004	32	3.2	0.008
<i>Lathyrus sylvestris</i>	230	4.3	-0.002									
<i>Lemna gibba</i>	269	15.6	0.000	127	82.2	0.007						
<i>Lemna minor</i>	41	5.2	-0.003	165	3.5	0.167	170	6.4	0.119	118	9.5	-0.004
<i>Lemna trisulca</i>	53	20.5	0.035	153	3.5	0.063	232	24.8	0.017	4	28.4	-0.001
<i>Leontodon hispidus</i>	105	2.4	-0.028	330	7.6	-0.045	176	6.3	-0.201	152	53.8	-0.017
<i>Leontodon saxatilis</i>	180	11.5	0.055	271	0.7	-0.003	211	5.8	0.034	184	7.2	-0.008
<i>Lepidium heterophyllum</i>	229	31.9	-0.017				339	12.3	0.009	106	5.8	-0.015
<i>Lepidium latifolium</i>	251	135.9	0.003									
<i>Leucanthemum vulgare</i>	77	1.2	-0.022	315	1.9	-0.001	228	1.7	0.011	360	10.4	-0.003





<i>Orchis mascula</i>	216	16.9	-0.028	295	20.3	-0.039	227	11.2	-0.053	288	7.6	-0.006
<i>Oreopteris limbosperma</i>	260	73.4	-0.001	239	3.7	-0.030	5	14.5	-0.033	267	3.6	0.023
<i>Origanum vulgare</i>	172	10.9	-0.032	295	14.7	0.022	228	4.3	0.036	300	14.0	-0.009
<i>Ornithogalum pyrenaicum</i>	219	30.5	0.002									
<i>Ornithopus perpusillus</i>	323	2.5	-0.018	121	3.2	0.036	171	13.5	0.122	68	1.5	-0.002
<i>Orobanche alba</i>										293	6.5	0.006
<i>Orobanche elatior</i>	119	14.7	-0.021									
<i>Orobanche hederarum</i>	88	20.5	0.016				82	1.9	0.047			
<i>Orobanche minor</i>	71	5.9	0.002									
<i>Orobanche rapum-genistae</i>	253	31.0	-0.002									
<i>Orthilia secunda</i>										9	42.7	-0.063
<i>Osmunda regalis</i>	236	22.7	0.000	16	0.7	0.000	181	2.0	0.037	260	4.2	-0.013
<i>Oxalis acetosella</i>	256	11.6	-0.032	320	38.4	-0.179	55	4.3	-0.052	186	2.3	-0.003
<i>Oxyria digyna</i>										288	19.8	0.014
<i>Parentucellia viscosa</i>	191	0.3	-0.015									
<i>Parietaria judaica</i>	206	2.3	-0.052	249	1.3	0.053	122	0.5	0.038			
<i>Paris quadrifolia</i>	33	1.3	-0.016	355	1.6	-0.001						
<i>Parnassia palustris</i>				153	6.3	-0.043				243	2.3	0.018
<i>Pastinaca sativa</i>	273	12.7	-0.058	292	8.7	-0.001	283	18.4	-0.012			
<i>Pedicularis palustris</i>	51	25.5	-0.010	329	50.0	-0.031	267	24.6	-0.044	327	9.3	0.045
<i>Pedicularis sylvatica</i>	235	68.7	-0.041	155	7.3	-0.089	294	5.3	-0.012	186	2.7	-0.003
<i>Persicaria amphibia</i>	220	5.9	0.013	163	8.3	0.205	344	22.6	0.050	53	8.4	-0.018
<i>Persicaria bistorta</i>	42	4.0	-0.029	326	3.8	-0.058	80	1.3	-0.060	29	8.2	-0.022
<i>Persicaria hydropiper</i>	214	14.9	0.009	217	13.9	0.013	345	3.2	0.003	194	19.4	-0.022
<i>Persicaria lapathifolia</i>	61	4.8	-0.017	161	5.1	-0.014	34	1.9	-0.040	135	5.5	-0.026
<i>Persicaria maculosa</i>	63	5.8	-0.038	333	6.5	-0.094	25	0.9	-0.047	289	2.5	-0.043
<i>Persicaria minor</i>	227	17.0	0.004									
<i>Persicaria mitis</i>	24	3.8	-0.002									
<i>Persicaria vivipara</i>										198	13.1	-0.063
<i>Petasites hybridus</i>	326	4.2	-0.061	323	12.0	0.039	239	3.0	-0.110	358	2.9	-0.015
<i>Petroselinum segetum</i>	273	21.2	0.005									
<i>Phalaris arundinacea</i>	326	3.1	-0.003	181	2.3	0.053	6	1.5	-0.118	311	2.1	0.001
<i>Phegopteris connectilis</i>				338	4.1	-0.035	53	2.5	-0.029	262	7.3	-0.032
<i>Phragmites australis</i>	263	6.1	-0.052	142	11.7	0.192	342	1.9	0.138	250	1.6	-0.001
<i>Phyteuma orbiculare</i>	2	4.8	0.001									
<i>Picris hieracioides</i>	114	24.0	-0.015									
<i>Pilosella officinarum</i>	287	2.2	-0.003	344	12.6	0.161	233	0.4	-0.030	175	1.0	0.010
<i>Pilularia globulifera</i>	217	79.9	0.000									
<i>Pimpinella major</i>	355	6.5	0.006	153	16.9	0.009						
<i>Pimpinella saxifraga</i>	121	4.8	-0.087	313	7.7	-0.019	1	4.6	-0.088	208	4.2	-0.045
<i>Pinguicula lusitanica</i>	232	141.9	-0.003							290	14.8	0.030
<i>Pinguicula vulgaris</i>				160	15.6	-0.069	330	7.2	-0.044	177	8.0	-0.051
<i>Pinus sylvestris</i>	243	3.3	-0.055	293	1.6	0.017	37	2.9	-0.069	89	5.5	-0.049
<i>Plantago coronopus</i>	30	17.7	0.091	84	12.5	0.063	260	9.9	0.115			
<i>Plantago lanceolata</i>	29	0.4	0.005	118	1.4	0.016	13	0.3	-0.013	3	0.9	-0.020
<i>Plantago major</i>	75	0.6	0.017	335	0.1	0.021	18	0.5	-0.036	19	2.2	0.059
<i>Plantago maritima</i>	77	16.0	0.001	5	18.0	0.020	10	14.6	0.058	113	10.7	0.047
<i>Plantago media</i>	72	11.0	-0.062	179	3.5	-0.029						
<i>Platanthera bifolia</i>	232	33.1	0.000							316	8.5	-0.003
<i>Platanthera chlorantha</i>	231	16.1	-0.008	314	11.8	-0.002				309	12.2	0.003

Poa alpina									303	16.7	0.009	
Poa annua	44	0.0	0.023	162	3.5	-0.002	47	1.1	-0.016	6	0.9	0.054
Poa compressa	223	1.8	0.014	291	3.0	0.012						
Poa glauca										295	12.6	0.000
Poa infirma	177	39.1	0.018									
Poa nemoralis	244	11.3	-0.059	318	6.0	-0.003	112	1.9	-0.153	125	4.6	0.008
Poa trivialis	64	1.4	0.032	167	1.1	-0.002	241	1.5	-0.136	112	6.0	0.102
Polemonium caeruleum	248	6.1	-0.001	308	2.8	0.013				42	6.9	0.002
Polygala calcarea	4	20.4	-0.013									
Polygala serpyllifolia	229	26.4	-0.027	130	6.7	-0.084	341	8.0	-0.065	192	4.3	0.002
Polygala vulgaris	219	13.6	-0.051	233	3.7	-0.077	300	8.7	-0.030	333	12.6	0.001
Polygonatum multiflorum	205	33.7	-0.003									
Polygonum boreale										19	16.1	0.010
Polypogon monspeliensis	95	15.6	0.022									
Polystichum aculeatum	256	4.2	0.003	322	20.2	0.007	231	9.7	-0.081	130	1.4	0.029
Polystichum lonchitis										130	20.0	-0.001
Polystichum setiferum	235	46.1	0.070	259	12.4	0.048	226	8.2	0.008	174	3.5	0.001
Populus nigra	224	21.4	0.020	170	26.7	0.121	164	2.0	-0.012	133	2.2	0.018
Populus tremula	103	2.7	0.022	180	1.8	0.037	200	5.0	-0.051	154	3.7	0.022
Potamogeton alpinus										228	8.0	0.009
Potamogeton bertholdii	338	1.3	0.012	357	1.1	0.013	296	5.5	0.060	157	26.7	0.016
Potamogeton coloratus	250	65.5	-0.003									
Potamogeton crispus	217	1.3	-0.017	202	0.3	0.031	271	4.7	-0.040	318	8.0	0.030
Potamogeton filiformis										43	14.2	0.009
Potamogeton friesii	51	14.1	0.004									
Potamogeton gramineus										163	10.3	0.025
Potamogeton lucens	59	7.6	0.000	48	1.0	0.009						
Potamogeton natans	79	2.6	0.016	309	1.2	0.046	194	26.7	0.043	138	4.0	0.068
Potamogeton obtusifolius	39	12.4	0.003	220	2.8	0.006				158	25.9	0.002
Potamogeton pectinatus	240	45.4	-0.033	159	10.0	0.073	242	38.9	0.022	136	5.9	0.023
Potamogeton perfoliatus	218	6.3	-0.017	94	3.4	0.015				171	21.0	0.026
Potamogeton polygonifolius	237	16.9	-0.002	142	8.8	-0.053	352	6.0	0.009	232	3.1	0.039
Potamogeton praelongus										40	2.5	0.000
Potamogeton pusillus	51	5.5	0.018	147	66.9	0.028				115	4.1	0.013
Potamogeton trichoides	55	2.4	0.009									
Potentilla anglica	248	1.9	-0.035	321	6.0	0.002	158	4.4	-0.036	150	1.4	0.019
Potentilla anserina	66	3.3	-0.027	306	2.3	0.064	21	1.3	0.049	2	2.6	0.006
Potentilla argentea	246	48.3	0.004									
Potentilla crantzii										128	3.6	0.005
Potentilla erecta	263	13.5	-0.037	322	26.6	-0.352	14	7.6	-0.004	324	4.3	0.026
Potentilla reptans	84	3.7	-0.017	7	5.3	0.062	183	2.6	-0.112	148	39.1	0.032
Potentilla sterilis	217	4.0	-0.003	317	8.6	-0.072	358	3.0	-0.050	352	13.0	0.022
Poterium sanguisorba	210	8.0	-0.018	265	17.9	0.036	210	20.5	-0.056			
Primula farinosa				345	2.5	-0.012						
Primula scotica										3	9.1	0.003
Primula veris	73	9.7	-0.023	296	23.7	0.067	229	20.9	-0.014	102	5.2	0.011
Primula vulgaris	111	4.6	0.045	333	15.7	-0.060	284	3.2	-0.149	305	1.2	0.008
Prunella vulgaris	33	0.9	0.018	289	0.8	0.015	313	0.8	0.013	313	1.0	0.006
Prunus avium	65	5.4	0.138	145	5.0	0.189	237	9.7	-0.025	120	12.1	0.007
Prunus padus	52	29.4	0.037	241	3.4	-0.018	260	25.2	-0.037	113	10.8	0.009

<i>Prunus spinosa</i>	213	0.9	0.006	158	1.7	0.068	16	1.8	-0.047	156	9.5	-0.012
<i>Pseudorchis albida</i>										308	2.8	-0.015
<i>Pteridium aquilinum</i>	62	3.8	0.026	314	18.4	-0.200	23	0.6	-0.002	245	5.7	-0.016
<i>Puccinellia distans</i>	273	51.5	0.054	305	7.9	0.200				93	17.1	0.055
<i>Puccinellia fasciculata</i>	298	46.7	0.006									
<i>Pulicaria dysenterica</i>	47	5.5	0.014	315	20.1	0.027	224	18.4	-0.022			
<i>Pulmonaria longifolia</i>	179	83.4	0.000									
<i>Pyrola media</i>										13	56.7	-0.017
<i>Pyrola minor</i>										9	12.4	-0.008
<i>Quercus petraea</i>	253	23.3	-0.064	327	13.6	-0.115	140	6.4	-0.083	197	9.8	-0.054
<i>Quercus robur</i>	256	1.8	0.048	158	1.2	0.119	140	2.7	-0.096	145	5.0	-0.011
<i>Radiola linoides</i>	230	117.2	0.005				356	2.6	0.075	27	3.8	-0.015
<i>Ranunculus acris</i>	246	1.7	-0.006	101	0.5	-0.032	20	2.1	-0.055	240	0.3	-0.009
<i>Ranunculus auricomus</i>	176	7.4	-0.041	245	13.0	-0.017	240	33.5	-0.076	140	49.4	-0.027
<i>Ranunculus bulbosus</i>	253	3.4	0.041	96	1.8	0.031	264	3.7	-0.104	74	4.5	-0.001
<i>Ranunculus flammula</i>	228	6.5	-0.029	330	3.9	-0.190	318	2.1	0.075	286	1.9	0.009
<i>Ranunculus hederaceus</i>	247	38.8	0.007	118	1.8	-0.032	136	1.1	0.105	168	16.5	-0.017
<i>Ranunculus lingua</i>	52	2.7	0.021	354	2.1	0.034				146	32.1	0.001
<i>Ranunculus omiophyllus</i>	237	76.5	-0.031	119	7.5	-0.065	4	19.9	-0.034			
<i>Ranunculus parviflorus</i>	240	32.1	0.030									
<i>Ranunculus repens</i>	12	0.1	0.005	350	1.4	0.012	30	0.0	0.006	158	0.2	0.001
<i>Ranunculus sardous</i>	301	38.2	0.018									
<i>Ranunculus sceleratus</i>	28	1.6	-0.027	164	10.1	0.164	193	2.9	-0.002	22	8.2	0.002
<i>Raphanus raphanistrum</i>	80	6.7	0.057	195	5.8	-0.021	259	1.1	0.058	86	1.6	-0.012
<i>Reseda lutea</i>	103	5.5	-0.051	21	5.8	0.033				74	10.6	-0.008
<i>Rhamnus cathartica</i>	59	17.9	-0.014	96	0.8	0.040						
<i>Rhinanthus minor</i>	323	2.0	-0.040	321	10.9	-0.124	334	1.2	0.057	7	8.6	0.014
<i>Rhynchospora alba</i>	212	60.2	-0.004				215	1.5	0.005	292	15.4	0.000
<i>Rhynchospora fusca</i>	192	36.7	-0.002									
<i>Ribes alpinum</i>				211	4.5	0.003						
<i>Ribes rubrum</i>	183	3.2	0.019	281	1.8	0.112	21	2.6	-0.089	71	4.3	-0.001
<i>Rorippa amphibia</i>	228	21.3	-0.023	168	86.8	0.016						
<i>Rorippa palustris</i>	84	6.4	0.000	18	0.3	0.039	253	4.2	-0.058	41	8.4	-0.018
<i>Rorippa sylvestris</i>	94	10.0	-0.015	338	21.3	0.038	85	1.2	-0.062	134	42.4	-0.027
<i>Rosa arvensis</i>	242	4.6	0.003	181	26.9	0.108	288	3.2	-0.079			
<i>Rosa caesia</i>	16	9.1	0.005	198	12.6	0.021				336	14.9	-0.112
<i>Rosa micrantha</i>	169	17.3	0.033									
<i>Rosa obtusifolia</i>	136	8.7	0.008									
<i>Rosa sherardii</i>	275	67.2	0.008	240	5.6	0.027	354	4.8	0.027	328	3.3	0.014
<i>Rosa spinosissima</i>	147	2.4	0.002	352	3.9	0.011	135	4.3	0.030	234	2.8	0.027
<i>Rosa stylosa</i>	174	14.9	0.016									
<i>Rosa tomentosa</i>	49	17.5	0.016									
<i>Rubia peregrina</i>	237	166.7	0.009				242	3.7	0.014			
<i>Rubus caesius</i>	70	42.8	0.052	87	7.8	0.055	205	15.8	-0.001			
<i>Rubus chamaemorus</i>				327	92.8	0.010				178	63.1	-0.072
<i>Rubus idaeus</i>	64	2.2	-0.063	336	6.3	-0.056	28	10.5	-0.135	121	4.1	-0.019
<i>Rubus saxatilis</i>										217	1.7	-0.031
<i>Rumex acetosa</i>	67	1.8	-0.007	324	1.6	-0.066	345	0.3	0.005	53	0.4	-0.016
<i>Rumex acetosella</i>	200	0.8	-0.055	270	3.1	-0.260	9	1.3	0.078	170	0.8	-0.093
<i>Rumex conglomeratus</i>	98	2.5	-0.092	160	9.1	0.137	308	1.7	0.011	4	36.4	-0.008

Rumex crispus	67	4.6	0.011	338	2.2	0.077	327	0.8	0.086	344	0.9	0.032
Rumex hydrolapathum	42	17.2	0.010	198	13.6	0.054	27	30.4	-0.018			
Rumex longifolius				351	2.6	0.017				31	32.4	0.056
Rumex maritimus	232	71.6	-0.006	179	1.5	0.009						
Rumex obtusifolius	357	0.6	0.011	344	3.1	0.057	11	0.4	0.025	352	5.2	0.051
Rumex palustris	63	9.8	0.001									
Rumex pulcher	218	13.6	0.023									
Rumex sanguineus	101	3.3	0.105	0	1.3	0.194	99	1.6	-0.045	160	25.9	0.027
Ruscus aculeatus	268	10.2	0.062									
Sagina apetala	93	5.9	0.086	360	0.7	0.081	358	7.0	0.093	63	4.2	0.033
Sagina nodosa	68	12.6	0.004	314	12.5	-0.014	63	1.0	0.056	1	3.2	0.014
Sagina procumbens	143	1.1	0.082	311	10.9	-0.024	1	2.4	0.090	348	5.4	0.017
Sagina subulata	65	129.1	0.008				310	53.5	0.004	305	7.9	0.032
Sagittaria sagittifolia	213	10.0	-0.009	161	63.4	0.029						
Salix aurita	253	54.7	-0.040	334	18.6	-0.043	273	1.7	-0.014	241	4.7	0.005
Salix caprea	80	8.9	-0.048	330	1.6	-0.083	154	5.9	-0.185	142	4.7	0.042
Salix cinerea	73	1.8	0.050	196	0.8	0.049	144	0.3	0.043	135	4.3	0.032
Salix herbacea										251	24.4	0.003
Salix lapponum										133	4.4	0.005
Salix myrsinifolia										208	20.9	0.009
Salix myrsinites										314	0.3	0.010
Salix pentandra	55	41.3	0.008	6	0.8	-0.007				15	7.1	0.007
Salix phylicifolia				10	3.5	0.013				176	3.7	0.011
Salix purpurea	55	14.0	0.009	345	6.9	0.027				88	4.9	0.006
Salix repens	144	17.1	-0.005	117	14.1	-0.038	256	2.7	0.081	181	9.8	0.019
Salsola kali	57	97.5	0.003							334	3.0	0.003
Salvia pratensis	358	2.3	0.001									
Salvia verbenaca	296	5.9	0.001									
Sambucus nigra	58	0.2	0.012	337	9.8	0.075	234	1.4	-0.022	309	19.2	0.038
Samolus valerandi	311	11.6	0.006	84	1.9	0.024	281	8.0	0.084	228	39.8	-0.003
Sanguisorba officinalis	320	26.2	0.002	334	13.3	-0.100	161	4.8	-0.076			
Sanicula europaea	232	23.4	-0.066	315	24.5	-0.037	39	7.7	-0.150	179	1.5	0.038
Saussurea alpina										289	16.9	0.013
Saxifraga aizoides										46	3.0	0.033
Saxifraga granulata	51	17.7	-0.014	335	2.3	0.005				98	29.6	0.012
Saxifraga hypnoides				26	1.1	0.001				186	16.4	0.002
Saxifraga nivalis										276	3.6	-0.001
Saxifraga oppositifolia										167	6.8	0.017
Saxifraga stellaris										224	17.9	0.011
Saxifraga tridactylites	252	3.2	0.019	262	0.7	-0.008	181	11.6	0.038			
Scabiosa columbaria	212	10.6	-0.015	344	6.4	-0.002						
Schedonorus arundinaceus	114	1.2	0.095	169	2.5	0.192	308	3.3	0.012	68	4.2	0.045
Schedonorus giganteus	178	1.8	-0.032	295	4.4	-0.019	18	2.3	-0.222	45	6.9	0.034
Schedonorus pratensis	58	7.0	-0.081	66	1.7	-0.014	214	2.1	-0.101	125	7.3	0.047
Schoenoplectus lacustris	306	3.3	-0.007	330	26.9	-0.005				175	6.4	0.015
Schoenoplectus tabernaemon	271	78.3	0.007	28	0.6	0.044	227	7.6	0.069	29	3.5	0.005
Schoenus nigricans	45	19.6	0.003				333	52.8	0.005	336	37.7	0.022
Scilla autumnalis	77	23.7	-0.001									
Scilla verna	181	5.8	-0.010				293	27.4	0.015	3	18.9	0.017
Scirpus sylvaticus	168	24.2	0.003	245	4.2	0.007	177	3.8	-0.018	156	67.1	0.014

<i>Scleranthus annuus</i>	86	14.7	-0.017						155	19.8	-0.005	
<i>Scorzoneroides autumnalis</i>	59	2.5	-0.027	128	1.4	0.052	8	0.9	-0.020	350	2.3	-0.018
<i>Scrophularia auriculata</i>	289	0.7	-0.048	263	3.2	0.169	194	2.2	-0.098			
<i>Scrophularia nodosa</i>	227	5.0	-0.011	306	12.4	-0.036	91	1.0	-0.050	177	4.5	-0.004
<i>Scrophularia umbrosa</i>	51	17.6	0.003							118	23.5	0.000
<i>Scutellaria galericulata</i>	216	3.9	0.009	216	11.0	0.024	37	25.2	0.040	228	2.6	0.043
<i>Scutellaria minor</i>	232	90.1	-0.004				47	9.4	0.051	273	24.1	-0.014
<i>Sedum acre</i>	72	4.2	-0.010	15	2.5	0.033	189	8.2	-0.040			
<i>Sedum anglicum</i>	237	88.8	-0.011	3	3.3	0.001	50	1.5	0.022	259	8.6	-0.031
<i>Sedum forsterianum</i>	80	3.5	-0.007				90	1.8	-0.080			
<i>Sedum rosea</i>										313	35.9	0.004
<i>Sedum telephium</i>	101	6.2	-0.001	147	1.9	0.009	12	0.8	-0.047	341	17.1	-0.023
<i>Sedum villosum</i>										196	36.8	-0.004
<i>Selaginella selaginoides</i>				322	3.3	0.003	352	81.4	0.004	336	19.5	-0.029
<i>Senecio aquaticus</i>	243	37.6	-0.063	69	2.0	-0.122	139	3.0	-0.018	338	5.2	-0.001
<i>Senecio erucifolius</i>	99	10.5	0.000	118	9.6	0.056	239	12.4	-0.026			
<i>Senecio jacobaea</i>	76	3.3	-0.039	355	0.9	0.052	63	1.5	0.140	149	2.4	-0.024
<i>Senecio sylvaticus</i>	75	11.0	-0.024	258	2.4	-0.004	165	7.2	0.089	96	7.2	-0.034
<i>Senecio vulgaris</i>	70	5.4	-0.001	343	4.4	-0.007	296	0.6	-0.088	14	11.1	-0.006
<i>Serratula tinctoria</i>	345	18.0	-0.030	336	11.0	0.010	334	15.1	-0.064			
<i>Sesleria caerulea</i>				310	53.3	0.009						
<i>Sherardia arvensis</i>	142	2.6	-0.099	298	2.4	0.031	170	10.4	0.031	151	3.4	-0.001
<i>Sibbaldia procumbens</i>										157	1.1	-0.001
<i>Sibthorpia europaea</i>	243	75.0	-0.006									
<i>Silaum silaus</i>	105	10.2	-0.016	23	4.7	-0.011						
<i>Silene acaulis</i>										241	21.2	-0.004
<i>Silene conica</i>	56	92.0	-0.001									
<i>Silene dioica</i>	238	2.4	-0.031	43	2.0	0.022	337	3.3	-0.083	47	8.8	-0.033
<i>Silene flos-cuculi</i>	326	1.0	-0.054	302	9.8	-0.117	240	3.8	0.029	103	1.5	-0.007
<i>Silene vulgaris</i>	62	32.6	-0.037	17	10.9	-0.040	137	0.6	0.033	310	14.1	-0.022
<i>Sison amomum</i>	173	12.8	-0.062									
<i>Sium latifolium</i>	62	67.0	0.005									
<i>Solanum dulcamara</i>	67	4.7	-0.051	177	13.6	0.170	320	7.8	0.036	117	11.0	-0.017
<i>Solanum nigrum</i>	86	4.3	-0.116	22	0.7	0.118	11	8.7	0.143			
<i>Solidago virgaurea</i>	231	55.0	-0.031	323	15.2	-0.053	298	1.2	-0.003	162	7.6	-0.030
<i>Sonchus arvensis</i>	72	16.4	-0.049	320	14.2	0.050	321	5.6	-0.016	42	6.7	-0.002
<i>Sonchus asper</i>	72	2.5	-0.027	312	3.8	0.105	183	1.9	0.011	345	10.5	-0.122
<i>Sonchus oleraceus</i>	83	3.8	0.005	309	4.9	0.141	235	1.2	0.043	332	16.1	-0.042
<i>Sonchus palustris</i>	57	112.1	0.008									
<i>Sorbus aria</i>	286	11.6	-0.053	26	2.1	0.064	142	2.2	0.061	235	12.6	0.000
<i>Sorbus aucuparia</i>	71	7.6	-0.074	312	8.2	-0.078	53	3.1	-0.071	224	1.9	-0.019
<i>Sorbus devoniensis</i>	67	151.2	0.002									
<i>Sorbus torminalis</i>	192	15.9	0.005									
<i>Sparganium angustifolium</i>							346	52.0	0.025	258	2.9	-0.005
<i>Sparganium emersum</i>	230	18.6	-0.015	182	26.8	0.045	169	19.3	-0.003	139	10.9	-0.014
<i>Sparganium erectum</i>	291	3.3	-0.008	131	0.2	0.165	185	6.5	0.043	98	9.0	-0.004
<i>Sparganium natans</i>										298	4.0	-0.009
<i>Spergula arvensis</i>	76	8.5	-0.016	267	0.9	-0.157	316	2.9	0.037	311	1.4	-0.017
<i>Spergularia marina</i>	18	32.8	-0.077	96	15.1	0.164	196	0.5	0.062	60	12.0	-0.097
<i>Spergularia rubra</i>	235	10.0	-0.032	208	16.8	0.003	329	1.7	0.064	46	6.7	-0.033





<i>Vicia orobus</i>					207	6.1	-0.023	219	7.9	-0.002		
<i>Vicia parviflora</i>	243	27.9	-0.004									
<i>Vicia sativa</i>	128	3.0	-0.086	154	10.0	0.079	291	1.3	-0.023	38	8.8	-0.049
<i>Vicia sepium</i>	230	8.3	-0.054	101	1.2	-0.092	40	6.3	-0.173	332	2.1	-0.004
<i>Vicia sylvatica</i>	270	4.6	-0.015	191	24.7	-0.012				189	7.4	-0.029
<i>Vicia tetrasperma</i>	95	8.4	-0.040	342	2.7	0.113						
<i>Viola canina</i>	67	12.8	0.003	47	3.9	0.014	128	26.2	0.016	23	28.2	-0.028
<i>Viola hirta</i>	165	5.8	-0.014	52	1.1	-0.014						
<i>Viola lactea</i>	225	87.2	-0.007									
<i>Viola lutea</i>				6	3.1	-0.012	88	3.5	-0.007	36	8.9	-0.016
<i>Viola odorata</i>	78	11.0	-0.129	337	1.6	0.053	260	16.4	-0.087	58	5.6	-0.008
<i>Viola palustris</i>	237	81.7	-0.037	142	12.7	-0.111	33	5.5	-0.037	225	2.6	-0.019
<i>Viola reichenbachiana</i>	170	5.3	-0.058	301	23.0	-0.032	146	1.8	0.019			
<i>Viola riviniana</i>	208	3.1	-0.004	330	14.8	-0.086	338	2.9	-0.013	325	0.2	-0.019
<i>Viola tricolor</i>	66	11.8	-0.010	277	10.2	0.000				29	16.8	-0.024
<i>Viscum album</i>	253	6.4	-0.062									
<i>Vulpia bromoides</i>	160	3.6	-0.057	337	5.0	0.045	6	20.9	0.071	84	1.3	-0.017
<i>Vulpia ciliata</i>	136	37.5	0.003									
<i>Wahlenbergia hederacea</i>	249	69.4	-0.002				243	10.0	0.002			
<i>Wolffia arrhiza</i>	225	82.2	-0.001									
<i>Zannichellia palustris</i>	245	22.7	-0.017	82	1.3	0.017	237	16.1	0.015	93	16.9	-0.002