

Table 1: Partition summary for cluster 1 consisting out of 28 plots.

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
Cerastium holosteoides	hl		0.362	75	21	119	98	3	0	0.225	0.30	0.300	0.7	IV (0/0.3/0.7, n = 21)
<b>Trisetum flavescens</b>	hl		0.336	96	27	142	115	3	0	8.000	8.00	18.000	38.0	V (0/8/38, n = 27)
Arrhenatherum elatius	hl	yes	0.298	50	14	43	29	3	0	0.000	0.35	8.000	18.0	III (0/0.35/18, n = 14)
Avenula pubescens	hl	yes	0.288	82	23	78	55	3	0	0.700	8.00	18.000	38.0	V (0/8/38, n = 23)
Dactylis glomerata	hl		0.260	93	26	158	132	3	0	3.000	4.00	8.000	18.0	V (0/4/18, n = 26)
Trifolium pratense	hl		0.251	86	24	139	115	3	0	0.600	0.70	4.000	8.0	V (0/0.7/8, n = 24)
Tragopogon orientalis	hl		0.235	50	14	69	55	3	0	0.000	0.15	0.300	0.7	III (0/0.15/0.7, n = 14)
Plantago lanceolata	hl	yes	0.216	86	24	116	92	3	0	0.300	0.70	0.700	4.0	V (0/0.7/4, n = 24)
Rhinanthus alectorolophus	hl		0.211	64	18	101	83	3	0	0.000	0.30	4.000	8.0	IV (0/0.3/8, n = 18)
Lathyrus pratensis	hl		0.168	25	7	66	59	3	0	0.000	0.00	0.075	0.7	II (0/0/0.7, n = 7)
Poa pratensis	hl		0.167	50	14	38	24	3	0	0.000	0.35	3.250	4.0	III (0/0.35/4, n = 14)
Ranunculus acris	hl		0.162	82	23	155	132	3	0	0.700	0.70	1.275	4.0	V (0/0.7/4, n = 23)
Crepis biennis	hl		0.159	57	16	80	64	3	0	0.000	0.30	1.275	8.0	III (0/0.3/8, n = 16)
Campanula patula	hl		0.158	32	9	61	52	3	0	0.000	0.00	0.300	0.7	II (0/0/0.7, n = 9)
Alchemilla vulgaris agg.	hl		0.142	57	16	124	108	3	0	0.000	0.30	1.275	4.0	III (0/0.3/4, n = 16)
Leontodon hispidus	hl		0.135	64	18	96	78	3	0	0.000	0.50	4.000	18.0	IV (0/0.5/18, n = 18)
Stellaria graminea	hl		0.133	21	6	58	52	3	0	0.000	0.00	0.000	0.7	II (0/0/0.7, n = 6)
Ranunculus bulbosus	hl	yes	0.122	14	4	8	4	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Vicia cracca	hl		0.119	68	19	92	73	3	0	0.000	0.30	0.300	3.0	IV (0/0.3/3, n = 19)
Arenaria serpyllifolia s.str.	hl	yes	0.112	21	6	7	1	2	0	0.000	0.00	0.000	0.7	II (0/0/0.7, n = 6)
Dactylorhiza maculata s.lat. (inkl. fuchsii)	hl		0.107	11	3	30	27	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 3)
Primula elatior	hl		0.107	11	3	18	15	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 3)
Cirsium oleraceum	hl		0.100	46	13	70	57	3	0	0.000	0.00	0.700	4.0	III (0/0/4, n = 13)
Aegopodium podagraria	hl		0.092	43	12	66	54	3	0	0.000	0.00	0.700	8.0	III (0/0/8, n = 12)
Colchicum autumnale	hl		0.091	75	21	98	77	3	0	0.225	0.30	0.700	3.0	IV (0/0.3/3, n = 21)
Bromus hordeaceus	hl		0.087	11	3	4	1	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 3)
Veronica chamaedrys	hl		0.086	75	21	102	81	3	0	0.225	0.30	0.300	8.0	IV (0/0.3/8, n = 21)
Medicago lupulina	hl		0.083	32	9	25	16	3	0	0.000	0.00	0.300	3.0	II (0/0/3, n = 9)
Veronica arvensis	hl		0.082	14	4	16	12	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Myosotis arvensis	hl		0.082	14	4	11	7	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Campanula scheuchzeri	hl		0.082	14	4	11	7	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Festuca pratensis s.str.	hl		0.081	61	17	111	94	3	0	0.000	1.85	4.000	18.0	IV (0/1.85/18, n = 17)
Prunella vulgaris	hl		0.079	25	7	70	63	3	0	0.000	0.00	0.075	4.0	II (0/0/4, n = 7)
Salvia verticillata	hl		0.075	14	4	10	6	2	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 4)
Platanthera bifolia	hl		0.071	7	2	17	15	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Lilium bulbiferum	hl		0.071	7	2	7	5	3	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Crepis mollis	hl		0.071	7	2	6	4	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Carduus defloratus s.lat.	hl		0.071	7	2	3	1	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Knautia arvensis	hl		0.069	29	8	23	15	2	0	0.000	0.00	0.300	8.0	II (0/0/8, n = 8)
Cruciata laevipes	hl		0.067	36	10	32	22	3	0	0.000	0.00	0.300	4.0	II (0/0/4, n = 10)
Gymnadenia conopsea	hl		0.066	11	3	7	4	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 3)
Heracleum sphondylium	hl		0.066	32	9	54	45	3	0	0.000	0.00	0.300	3.0	II (0/0/3, n = 9)
Poa trivialis	hl		0.066	43	12	75	63	3	0	0.000	0.00	1.275	8.0	III (0/0/8, n = 12)
Taraxacum officinale agg.	hl		0.062	36	10	74	64	3	0	0.000	0.00	0.300	3.0	II (0/0/3, n = 10)
Lychnis flos-cuculi	hl		0.061	14	4	31	27	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 4)
Myosotis sylvatica	hl		0.061	14	4	19	15	3	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 4)
Holcus lanatus	hl		0.061	14	4	10	6	3	0	0.000	0.00	0.000	18.0	I (0/0/18, n = 4)
Hypericum maculatum s.str.	hl		0.061	46	13	97	84	3	0	0.000	0.00	0.300	18.0	III (0/0/18, n = 13)
Galium album s.str.	hl		0.059	46	13	51	38	3	0	0.000	0.00	0.400	4.0	III (0/0/4, n = 13)
Pimpinella major	hl		0.058	39	11	65	54	3	0	0.000	0.00	0.700	4.0	II (0/0/4, n = 11)
Trifolium repens	hl		0.056	54	15	93	78	3	0	0.000	0.30	0.700	4.0	III (0/0.3/4, n = 15)
Ajuga reptans	hl		0.055	18	5	26	21	2	0	0.000	0.00	0.000	3.0	I (0/0/3, n = 5)
Rhinanthus minor	hl		0.055	25	7	45	38	3	0	0.000	0.00	0.075	4.0	II (0/0/4, n = 7)
Origanum vulgare	hl		0.054	7	2	5	3	2	0	0.000	0.00	0.000	8.0	I (0/0/8, n = 2)
Arabis hirsuta	hl		0.054	21	6	9	3	2	0	0.000	0.00	0.000	3.0	II (0/0/3, n = 6)
Persicaria bistorta	hl		0.052	18	5	36	31	3	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 5)
Rumex acetosa	hl		0.052	57	16	115	99	3	0	0.000	0.30	0.700	4.0	III (0/0.3/4, n = 16)
Euphorbia esula	hl		0.051	7	2	2	0	1	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Viola tricolor	hl		0.051	7	2	2	0	1	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Bromus erectus	hl		0.049	11	3	9	6	3	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 3)
Vicia sepium	hl		0.049	21	6	50	44	3	0	0.000	0.00	0.000	4.0	II (0/0/4, n = 6)
Buphthalmum salicifolium	hl		0.042	7	2	9	7	2	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 2)
Geum rivale	hl		0.041	11	3	13	10	2	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 3)
Anthoxanthum odoratum	hl		0.039	39	11	106	95	3	0	0.000	0.00	0.700	8.0	II (0/0/8, n = 11)
Equisetum arvense	hl		0.038	7	2	15	13	2	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 2)
Filipendula ulmaria	hl		0.036	11	3	28	25	2	0	0.000	0.00	0.000	3.0	I (0/0/3, n = 3)
Cynosurus cristatus	hl		0.036	32	9	96	87	3	0	0.000	0.00	3.000	8.0	II (0/0/8, n = 9)
Glechoma hederacea	hl		0.031	7	2	12	10	3	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Stachys alpina	hl		0.031	7	2	8	6	3	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Silene dioica	hl		0.031	7	2	8	6	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Euphorbia cyparissias	hl		0.031	7	2	3	1	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Leucanthemum ircutianum	hl		0.031	32	9	75	66	3	0	0.000	0.00	0.300	0.7	II (0/0/0.7, n = 9)
Phleum pratense	hl		0.029	21	6	37	31	3	0	0.000	0.00	0.000	3.0	II (0/0/3, n = 6)
Centaurea jacea	hl		0.029	36	10	95	85	3	0	0.000	0.00	0.300	4.0	II (0/0/4, n = 10)
Briza media	hl		0.029	39	11	68	57	2	0	0.000	0.00	0.700	18.0	II (0/0/18, n = 11)
Festuca nigrescens	hl		0.022	32	9	108	99	3	0	0.000	0.00	0.700	8.0	II (0/0/8, n = 9)
Carex sylvatica	hl		0.021	14	4	72	68	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Centaurea scabiosa	hl		0.021	18	5	14	9	2	0	0.000	0.00	0.000	3.0	I (0/0/3, n = 5)
Achillea millefolium agg.	hl		0.019	14	4	69	65	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Carex pallescens	hl		0.018	14	4	73	69	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Lotus corniculatus	hl		0.017	36	10	71	61	3	0	0.000	0.00	0.300	0.7	II (0/0/0.7, n = 10)
Bellis perennis	hl		0.016	21	6	24	18	3	0	0.000	0.00	0.000	0.3	II (0/0/0.3, n = 6)
Chaerophyllum aureum	hl		0.016	32	9	55	46	3	0	0.000	0.00	0.400	4.0	II (0/0/4, n = 9)
Agrostis capillaris	hl		0.013	11	3	61	58	3	0	0.000	0.00	0.000	3.0	I (0/0/3, n = 3)
Narcissus radiiflorus	hl		0.011	11	3	23	20	2	0	0.000	0.00	0.000	4.0	I (0/0/4, n = 3)
Cirsium arvense	hl		0.011	14	4	12	8	3	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 4)
Leucanthemum vulgare	hl		0.009	7	2	19	17	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Rhinanthus glacialis	hl		0.009	7	2	16	14	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Geranium sylvaticum	hl		0.009	14	4	35	31	2	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Carum carvi	hl		0.009	25	7	58	51	3	0	0.000	0.00	0.075	0.3	II (0/0/0.3, n = 7)
Potentilla erecta	hl		0.007	7	2	51	49	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)
Trollius europaeus	hl		0.007	14	4	48	44	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 4)
Ranunculus repens	hl		0.006	11	3	38	35	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 3)
Luzula multiflora s.str.	hl		0.005	7	2	31	29	2	0	0.000	0.00	0.000	0.3	I (0/0/0.3, n = 2)

Table 1: (continued)

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
Chaerophyllum hirsutum	hl		0.005	18	5	64	59	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 5)
Geranium phaeum	hl		0.004	7	2	7	5	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 2)
Carex flacca	hl		0.004	18	5	37	32	3	0	0.000	0.00	0.000	0.7	I (0/0/0.7, n = 5)
Occuring only once	Alchemilla vulgaris s.str., Alopecurus pratensis, Astrantia major, Brachypodium pinnatum, Campanula trachelium, Cardaminopsis halleri, Carex montana, Carex muricata agg., Carex ornithopoda, Carex spicata, Carlina acaulis, Centaurea pseudophrygia, Cephalanthera longifolia, Chaerophyllum aromaticum, Clinopodium vulgare, Convolvulus arvensis, Dactylorhiza majalis, Dianthus carthusianorum, Filipendula vulgaris, Fraxinus excelsior, Galium aparine, Galium pumilum, Galium uliginosum, Geranium pyrenaicum, Hieracium lachenalii, Linum catharticum, Listera ovata, Lolium perenne, Medicago x varia, Myosotis scorpioides, Ornithogalum pyrenaicum ssp. sphaerocarpum, Phyteuma orbiculare, Plantago major, Polygala vulgaris, Potentilla reptans, Primula veris, Ranunculus nemorosus, Ranunculus polyanthemophyllus, Rumex obtusifolius, Salvia pratensis, Sedum sexangulare, Senecio germanicus, Silene nutans ssp. nutans, Symphytum officinale, Valeriana officinalis, Veronica serpyllifolia, Willemetia stipitata													
accuracy	.													
altitude	368/682.5/ <b>788.5</b> /836/987													
author	.													
coverscale	.													
ecoord	15.01316/15.345775/ <b>15.379755</b> /15.46579/15.61992													
felsantl	.													
ncoord	47.76243/47.803985/ <b>47.827845</b> /47.920375/48.03626													
nrglges	.													
oevdat	.													
relevnr	14508/14535/ <b>14558.5</b> /14586/14655													
schuttant	.													
spcount	.													
surfarea	.													
waypoint	526/527.5/ <b>529</b> /536/543													
xcoord	15.013/15.3455/ <b>15.38</b> /15.4655/15.62													
ycoord	47.762/47.804/ <b>47.8275</b> /47.9205/48.036													
bezirk	Bruck an der Mur: 13; Lilienfeld: 7; Scheibbs: 5; St.Plten-Land: 2; Sankt Plten-Land: 1													
date	2014-06-11: 6; 2014-06-18: 5; 2014-06-19: 4; 2014-06-10: 3; 2014-06-21: 3; 2014-06-05: 2; 2014-06-06: 2; 2014-06-09: 2; 2014-06-24: 1													
diagms	Pastinaco-Arrhenatheretum alchemilletosum: 16; Filipendulo vulgaris-Arrhenatheretum: 6; Pastinaco-Arrhenatheretum brometosum erecti: 3; Ranunculo bulbosi-Arrhenatheretum: 2; Pastinaco-Arrhenatheretum typicum: 1													
locality	Walstern: 9; Halltal: 4; tschergebiet: 3; Pielachtal: 3; Eisenwurzten: 2; Salzatal: 2; Taisental: 2; Traisental: 2; Trnitztal: 1													
mossident	Y: 28													
observer	Staudinger, Markus: 28													
ordnung	Arrhenatheretalia: 28													
origdiag	Poo-Trisetetum: 14; Pastinaco-Arrhenatheretum: 3; Alchemillo-Arrhenatheretum: 2; Astrantio-Trisetetum: 2; Filipendulo-Arrhenatheretum: 2; Ranunculo bulbosi-Arrhenatheretum: 2; Anthoxantho-Agrostietum: 1; Arrhenatherion: 1; Festuco-Cynosuretum: 1													
project	Bergmhwiesen N: 15; Kartierung Halltal,Walstern: 13													
quadrant	8158/3: 6; 8258/1: 6; 7959/4: 2; 8059/3: 2; 8157/2: 2; 8158/4: 2; 7958/4: 1; 8056/3: 1; 8057/1: 1; 8057/2: 1; 8057/4: 1; 8058/1: 1; 8058/3: 1; 8258/2: 1													
region	N Kalkvoralpen: 14; Steirische Kalk-Voralpen: 9; Steirische Kalkvoralpen: 4; N Kalk-Voralpen: 1													
remarks	am Gscheid SE Ulreichsberg, WP 370: 1; am Gscheid SE Ulreichsberg, WP 371: 1; am dboden im Hgerwald, WP 410: ; ; ; : 1; am dboden im Hgerwald, WP 411; bergang zu Festuco-Cynosuretum, wohl nachbeweidet; ; ; : 1; bei Gsing an der Mariazeller Bahn, WP 397; : 1; beim Gh. Wastl am Wald S Puchenstuben, WP 395; 1 x gemht im Jahr, seit 25 Jahren nicht mehr beweidet: 1; E Traisen, WP 418; ; ; ; : 1; E Traisen, WP 419; ; ; ; : 1; Kaltenmarkt N Pfaffenschlag, WP 381: 1; Lehengegend N Frankenfels, WP 377: 1; N Hubertussee, WP 490; ; ; ; : 1; oberes Halltal bei Terz, WP 543; ; : 1; oberes Halltal beim Lackenhof, WP 526; ; ; ; : 1; oberes Halltal beim Lackenhof, WP 529; sehr niederwchsig; ; ; : 1; oberes Halltal, WP 517; ; ; ; : 1; Puchenstuben, WP 387: 1; Rechengraben, WP 479; sehr niederwchsig, bergang zu Festuco-Cynosuretum; ; ; ; ; ; : 1; Rechengraben, WP 484; niederwchsig; ; ; ; : 1; Rotengraben NE Tradigist, WP 422; ; ; ; ; : 1; S des Hubertussee, WP 466; mit Whlschden; ; ; ; : 1; S Siebenbrunn, WP 413; etwas verbracht wirkend; ; ; : 1; Sattelgraben, WP 487; verbracht; ; ; ; : 1; Tal der Weien Walster E des Hubertussee, WP 459; zum Begehungszeitpunkt keine Beweidung; ; ; ; : 1; Tal der Weien Walster E des Hubertussee, WP 461; zum Begehungszeitpunkt keine Beweidung; ; ; ; : 1; Tal der Weien Walster E des Hubertussee, WP 462; zum Begehungszeitpunkt keine Beweidung; ; ; ; : 1; Tal der Weien Walster E des Hubertussee, WP 465; ; ; ; : 1; Taschlgrabenrotte, WP 409; homogene Fichel!; ; ; : 1; W Hbarten am Schlagerboden E Scheibbs: 1													
verband	Arrhenatherion: 28													

Table 2: Partion summary for cluster 2 consisting out of 131 plots.

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
Cerastium holosteoides	hl		0.347	69	90	119	29	3	0	0.0	0.3	0.30	0.7	IV (0/0.3/0.7, n = 90)
Ranunculus acris	hl		0.289	93	122	155	33	3	0	0.7	0.7	4.00	8.0	V (0/0.7/8, n = 122)
Dactylis glomerata	hl		0.238	92	121	158	37	3	0	0.7	4.0	8.00	18.0	V (0/4/18, n = 121)
Tragopogon orientalis	hl		0.229	41	54	69	15	3	0	0.0	0.0	0.30	0.7	III (0/0/0.7, n = 54)
Trifolium pratense	hl		0.215	81	106	139	33	3	0	0.3	0.7	3.00	8.0	V (0/0.7/8, n = 106)
Festuca nigrescens	hl	yes	0.207	73	96	108	12	3	0	0.0	8.0	18.00	38.0	IV (0/8/38, n = 96)
Dactylorhiza maculata s.lat. (inkl. fuchsii)	hl	yes	0.206	21	27	30	3	2	0	0.0	0.0	0.00	0.3	II (0/0/0.3, n = 27)
Lathyrus pratensis	hl	yes	0.196	43	56	66	10	3	0	0.0	0.0	0.30	0.7	III (0/0/0.7, n = 56)
Campanula patula	hl		0.190	38	50	61	11	3	0	0.0	0.0	0.30	0.7	II (0/0/0.7, n = 50)
Stellaria graminea	hl		0.186	37	49	58	9	3	0	0.0	0.0	0.30	0.7	II (0/0/0.7, n = 49)
Trisetum flavescens	hl		0.161	79	104	142	38	3	0	0.7	4.0	8.00	38.0	IV (0/4/38, n = 104)
Rhinanthus alectorolophus	hl		0.148	61	80	101	21	3	0	0.0	0.3	0.70	8.0	IV (0/0.3/8, n = 80)
Plantago lanceolata	hl		0.145	66	86	116	30	3	0	0.0	0.3	0.70	4.0	IV (0/0.3/4, n = 86)
Alchemilla vulgaris agg.	hl		0.130	76	100	124	24	3	0	0.3	0.7	0.70	8.0	IV (0/0.7/8, n = 100)
Carex sylvatica	hl		0.125	48	63	72	9	3	0	0.0	0.0	0.70	4.0	III (0/0/4, n = 63)
Trifolium repens	hl		0.125	54	71	93	22	3	0	0.0	0.3	0.70	8.0	III (0/0.3/8, n = 71)
Trollius europaeus	hl	yes	0.123	33	43	48	5	3	0	0.0	0.0	0.70	8.0	II (0/0/8, n = 43)
Agrostis capillaris	hl	yes	0.123	43	56	61	5	3	0	0.0	0.0	4.00	18.0	III (0/0/18, n = 56)
Leontodon hispidus	hl		0.123	59	77	96	19	3	0	0.0	0.7	4.00	18.0	III (0/0.7/18, n = 77)
Cirsium oleraceum	hl		0.122	38	50	70	20	3	0	0.0	0.0	0.70	8.0	II (0/0/8, n = 50)
Anthoxanthum odoratum	hl	yes	0.117	69	91	106	15	3	0	0.0	0.7	4.00	18.0	IV (0/0.7/18, n = 91)
Carex pallescens	hl	yes	0.116	51	67	73	6	3	0	0.0	0.3	0.70	4.0	III (0/0.3/4, n = 67)
Primula elatior	hl		0.115	11	15	18	3	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 15)
Platanthera bifolia	hl		0.115	11	15	17	2	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 15)
Listera ovata	hl		0.115	11	15	16	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 15)
Phyteuma spicatum	hl	yes	0.115	18	23	23	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 23)
Taraxacum officinale agg.	hl		0.114	44	57	74	17	3	0	0.0	0.0	0.70	4.0	III (0/0/4, n = 57)
Crepis biennis	hl		0.112	45	59	80	21	3	0	0.0	0.0	0.70	8.0	III (0/0/8, n = 59)
Festuca pratensis s.str.	hl		0.104	65	85	111	26	3	0	0.0	4.0	6.00	38.0	IV (0/4/38, n = 85)
Colchicum autumnale	hl		0.100	56	74	98	24	3	0	0.0	0.3	0.70	8.0	III (0/0.3/8, n = 74)
Myosotis nemorosa	hl		0.099	19	25	26	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 25)
Hypericum maculatum s.str.	hl		0.097	62	81	97	16	3	0	0.0	0.3	0.70	18.0	IV (0/0.3/18, n = 81)
Lychnis flos-cuculi	hl		0.093	21	27	31	4	2	0	0.0	0.0	0.00	0.7	II (0/0/0.7, n = 27)
Cynosurus cristatus	hl		0.090	62	81	96	15	3	0	0.0	0.7	4.00	38.0	IV (0/0.7/38, n = 81)
Centaurea jacea	hl		0.090	63	82	95	13	3	0	0.0	0.7	1.85	18.0	IV (0/0.7/18, n = 82)
Geranium sylvaticum	hl		0.087	24	31	35	4	2	0	0.0	0.0	0.00	8.0	II (0/0/8, n = 31)
Heracleum sphondylium	hl		0.086	32	42	54	12	3	0	0.0	0.0	0.30	4.0	II (0/0/4, n = 42)
Pimpinella major	hl		0.085	40	53	65	12	3	0	0.0	0.0	0.70	8.0	II (0/0/8, n = 53)
Polygala vulgaris	hl		0.084	8	11	12	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 11)
Poa trivialis	hl		0.082	40	52	75	23	3	0	0.0	0.0	3.00	18.0	II (0/0/18, n = 52)
Prunella vulgaris	hl		0.079	45	59	70	11	3	0	0.0	0.0	0.30	4.0	III (0/0/4, n = 59)
Chaerophyllum hirsutum	hl		0.078	43	56	64	8	3	0	0.0	0.0	0.70	18.0	III (0/0/18, n = 56)
Cardaminopsis halleri	hl		0.070	15	20	22	2	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 20)
Lysimachia nemorum	hl		0.065	12	16	16	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 16)
Veronica chamaedrys	hl		0.064	56	74	102	28	3	0	0.0	0.3	0.70	4.0	III (0/0.3/4, n = 74)
Ranunculus nemorosus	hl		0.062	11	15	17	2	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 15)
Galium pumilum	hl		0.062	11	15	16	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 15)
Astrantia major	hl		0.062	27	36	37	1	2	0	0.0	0.0	0.30	18.0	II (0/0/18, n = 36)
Achillea millefolium agg.	hl		0.062	46	60	69	9	3	0	0.0	0.0	0.30	3.0	III (0/0/3, n = 60)
Vicia cracca	hl		0.062	53	69	92	23	3	0	0.0	0.3	0.30	0.7	III (0/0.3/0.7, n = 69)
Myosotis sylvatica	hl		0.060	10	13	19	6	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 13)
Thymus praecox	hl		0.060	10	13	13	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 13)
Briza media	hl		0.060	44	57	68	11	2	0	0.0	0.0	0.70	38.0	III (0/0/38, n = 57)
Potentilla erecta	hl		0.058	37	49	51	2	2	0	0.0	0.0	0.30	3.0	II (0/0/3, n = 49)
Lotus corniculatus	hl		0.058	46	60	71	11	3	0	0.0	0.0	0.30	8.0	III (0/0/8, n = 60)
Leucanthemum ircutianum	hl		0.056	49	64	75	11	3	0	0.0	0.0	0.30	4.0	III (0/0/4, n = 64)
Rumex acetosa	hl		0.055	69	91	115	24	3	0	0.0	0.3	0.70	8.0	IV (0/0.3/8, n = 91)
Persicaria bistorta	hl		0.054	23	30	36	6	3	0	0.0	0.0	0.00	8.0	II (0/0/8, n = 30)
Galium album s.str.	hl		0.054	27	35	51	16	3	0	0.0	0.0	0.30	8.0	II (0/0/8, n = 35)
Arrhenatherum elatius	hl		0.052	21	27	43	16	3	0	0.0	0.0	0.00	18.0	II (0/0/18, n = 27)
Rhinanthus minor	hl		0.052	27	36	45	9	3	0	0.0	0.0	0.30	4.0	II (0/0/4, n = 36)
Avenula pubescens	hl		0.052	39	51	78	27	3	0	0.0	0.0	3.00	18.0	II (0/0/18, n = 51)
Carum carvi	hl		0.051	33	43	58	15	3	0	0.0	0.0	0.30	8.0	II (0/0/8, n = 43)
Aegopodium podagraria	hl		0.047	37	49	66	17	3	0	0.0	0.0	0.30	4.0	II (0/0/4, n = 49)
Veronica serpyllifolia	hl		0.046	5	6	8	2	3	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 6)
Traunsteinera globosa	hl		0.046	5	6	6	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 6)
Chaerophyllum aureum	hl		0.046	33	43	55	12	3	0	0.0	0.0	0.70	38.0	II (0/0/38, n = 43)
Veratrum album	hl		0.041	20	26	27	1	2	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 26)
Linum catharticum	hl		0.040	8	11	12	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 11)
Filipendula ulmaria	hl		0.040	19	25	28	3	2	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 25)
Tussilago farfara	hl		0.039	6	8	8	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 8)
Plantago media	hl		0.039	6	8	8	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 8)
Poa pratensis	hl		0.039	15	20	38	18	3	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 20)
Dactylorhiza majalis	hl		0.038	4	5	6	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 5)
Potentilla aurea	hl		0.038	6	8	8	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 8)
Polygala amarella	hl		0.038	7	9	9	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 9)
Cruciata laevipes	hl		0.038	15	20	32	12	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 20)
Crepis paludosa	hl		0.036	12	16	16	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 16)
Willemetia stipitata	hl		0.035	24	31	33	2	3	0	0.0	0.0	0.00	8.0	II (0/0/8, n = 31)
Lilium bulbiferum	hl		0.031	3	4	7	3	3	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 4)
Plantago major	hl		0.031	3	4	5	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 4)
Rumex obtusifolius	hl		0.031	9	12	17	5	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 12)
Luzula multiflora s.str.	hl		0.031	22	29	31	2	2	0	0.0	0.0	0.00	4.0	II (0/0/4, n = 29)
Phleum pratense	hl		0.030	20	26	37	11	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 26)
Narcissus radiiflorus	hl		0.029	15	20	23	3	2	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 20)
Bromus erectus	hl		0.027	4	5	9	4	3	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 5)
Glechoma hederacea	hl		0.027	5	7	12	5	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 7)
Trifolium medium	hl		0.027	15	19	19	0	1	0	0.0	0.0	0.00	3.0	I (0/0/3, n = 19)
Vicia sepium	hl		0.027	31	41	50	9	3	0	0.0	0.0	0.30	0.7	II (0/0/0.7, n = 41)
Symphytum officinale	hl		0.026	3	4	7	3	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Valeriana dioica	hl		0.025	4	5	5	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 5)
Carex flava	hl		0.025	4	5	5	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 5)
Ranunculus repens	hl		0.025	20	26	38	12	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 26)
Luzula luzuloides	hl		0.024	3	4	4	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 4)

Table 2: (continued)

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
Silene dioica	hl		0.024	5	6	8	2	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 6)
Rhinanthus glacialis	hl		0.024	11	14	16	2	2	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 14)
Alopecurus pratensis	hl		0.024	14	18	24	6	3	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 18)
Galium uliginosum	hl		0.023	2	3	4	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Carex leporina	hl		0.023	2	3	4	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Anemone nemorosa	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Veronica officinalis	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Dentaria bulbifera	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Athyrium filix-femina	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Luzula pilosa	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Platanthera chlorantha	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Euphrasia rostkoviana	hl		0.023	2	3	3	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Veronica arvensis	hl		0.023	5	7	16	9	3	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 7)
Campanula scheuchzeri	hl		0.023	5	7	11	4	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 7)
Carex montana	hl		0.023	6	8	9	1	2	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 8)
Carex flacca	hl		0.023	24	31	37	6	3	0	0.0	0.0	0.00	18.0	II (0/0/18, n = 31)
Potentilla anserina	hl		0.022	3	4	4	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Cirsium erisithales	hl		0.022	5	7	7	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 7)
Centaurea scabiosa	hl		0.022	7	9	14	5	2	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 9)
Holcus lanatus	hl		0.021	4	5	10	5	3	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 5)
Stachys alpina	hl		0.021	4	5	8	3	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 5)
Carlina acaulis	hl		0.021	8	11	12	1	2	0	0.0	0.0	0.00	3.0	I (0/0/3, n = 11)
Leucanthemum vulgare	hl		0.021	13	17	19	2	2	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 17)
Ajuga reptans	hl		0.021	16	21	26	5	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 21)
Myosotis arvensis	hl		0.020	5	6	11	5	3	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 6)
Petasites hybridus	hl		0.020	8	10	12	2	2	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 10)
Cirsium rivulare	hl		0.019	4	5	5	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 5)
Bellis perennis	hl		0.019	12	16	24	8	3	0	0.0	0.0	0.00	3.0	I (0/0/3, n = 16)
Alchemilla vulgaris s.str.	hl		0.017	2	3	5	2	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 3)
Gymnadenia conopsea	hl		0.017	3	4	7	3	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Crepis mollis	hl		0.017	3	4	6	2	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Polygonatum verticillatum	hl		0.017	3	4	4	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Acer pseudoplatanus	hl		0.017	3	4	4	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 4)
Hieracium lachenalii	hl		0.015	2	2	3	1	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Asarum europaeum	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Molinia caerulea agg.	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Ranunculus auricomus s.lat.	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Scirpus sylvaticus	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Viola hirta	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Helleborus niger	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Allium carinatum	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Sesleria albicans	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Trifolium montanum	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Silene vulgaris	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Carduus personata	hl		0.015	2	2	2	0	1	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Knautia arvensis	hl		0.015	11	15	23	8	2	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 15)
Carex panicea	hl		0.015	14	18	18	0	1	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 18)
Ranunculus bulbosus	hl		0.014	2	3	8	5	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Phyteuma orbiculare	hl		0.014	2	3	4	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Sanguisorba minor	hl		0.014	2	3	3	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Gentiana asclepiadea	hl		0.014	2	3	3	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Trifolium dubium	hl		0.014	2	3	3	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Angelica sylvestris	hl		0.014	2	3	3	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)
Carex pilulifera	hl		0.014	2	3	3	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 3)
Nardus stricta	hl		0.014	5	6	6	0	1	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 6)
Cirsium arvense	hl		0.013	5	7	12	5	3	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 7)
Senecio subalpinus	hl		0.013	6	8	10	2	2	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 8)
Geranium phaeum	hl		0.012	2	3	7	4	3	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 3)
Knautia maxima	hl		0.012	3	4	4	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 4)
Salvia verticillata	hl		0.012	5	6	10	4	2	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 6)
Medicago lupulina	hl		0.012	11	15	25	10	3	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 15)
Centaurea pseudophrygia	hl		0.011	2	2	3	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Myosotis scorpioides	hl		0.011	2	2	3	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Geum urbanum	hl		0.011	2	2	3	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Leontodon autumnalis	hl		0.011	2	2	3	1	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Alchemilla monticola	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Sanguisorba officinalis	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Fragaria vesca	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Hieracium pilosella	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Stellaria nemorum s.str.	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Laserpitium latifolium	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Hieracium lactucella	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Senecio ovatus	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Galeopsis tetrahit	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Cirsium palustre	hl		0.011	2	2	2	0	1	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Deschampsia cespitosa	hl		0.011	7	9	11	2	2	0	0.0	0.0	0.00	18.0	I (0/0/18, n = 9)
Equisetum arvense	hl		0.011	10	13	15	2	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 13)
Aconitum napellus s.str.	hl		0.010	4	5	5	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 5)
Geum rivale	hl		0.010	8	10	13	3	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 10)
Brachypodium pinnatum	hl		0.009	2	3	5	2	3	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 3)
Equisetum palustre	hl		0.009	2	3	3	0	1	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 3)
Hypochaeris radicata	hl		0.009	2	3	3	0	1	0	0.0	0.0	0.00	3.0	I (0/0/3, n = 3)
Aconitum napellus agg.	hl		0.009	2	2	2	0	1	0	0.0	0.0	0.00	3.0	I (0/0/3, n = 2)
Clinopodium vulgare	hl		0.009	5	6	8	2	3	0	0.0	0.0	0.00	8.0	I (0/0/8, n = 6)
Bupththalmum salicifolium	hl		0.007	5	7	9	2	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 7)
Carex hirta	hl		0.006	4	5	10	5	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 5)
Elymus repens	hl		0.004	3	4	6	2	2	0	0.0	0.0	0.00	4.0	I (0/0/4, n = 4)
Arabis hirsuta	hl		0.002	2	3	9	6	2	0	0.0	0.0	0.00	0.3	I (0/0/0.3, n = 3)
Origanum vulgare	hl		0.002	2	3	5	2	2	0	0.0	0.0	0.00	0.7	I (0/0/0.7, n = 3)

Table 2: (continued)

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
Occuring only once	Anthyllis vulneraria, Arenaria serpyllifolia s.str., Betonica officinalis, Brachypodium rupestre, Bromus hordeaceus, Calluna vulgaris, Caltha palustris, Campanula trachelium, Cardamine hirsuta, Carduus acanthoides, Carduus defloratus s.lat., Carex caryophyllea, Carex echinata, Carex flacca, Carex paniculata, Carex pulicaris, Carex vulpina, Crepis aurea, Crepis praemorsa, Crucjata glabra, Daucus carota, Deschampsia cespitosa ssp. gaudinii, Dryopteris filix-mas, Epilobium alpestre, Epilobium montanum, Equisetum sylvaticum, Euphorbia cyparissias, Galium album s.lat., Galium anisophyllum, Galium austriacum, Gentiana verna, Geranium columbinum, Geranium pyrenaicum, Heracleum austriacum, Hieracium murorum, Hieracium piloselloides, Hypericum montanum, Hypericum perforatum, Juncus articulatus, Juncus filiformis, Linaria vulgaris, Lolium multiflorum, Luzula campestris, Lysimachia vulgaris, Melampyrum pratense, Melampyrum sylvaticum, Mentha longifolia, Mercurialis perennis, Orchis mascula, Paris quadrifolia, Picea abies, Picris hieracioides, Pimpinella saxifraga s.str., Poa alpina, Poa annua, Poa supina, Polygonatum multiflorum, Potentilla recta, Potentilla reptans, Primula veris, Ranunculus aconitifolius, Rosa pendulina, Salvia glutinosa, Scabiosa lucida, Scorzonera humilis, Scutellaria galericulata, Thymus pulegioides, Urtica dioica, Vaccinium myrtillus, Valeriana officinalis													
accuracy	.													
altitude	567/795.5/ <b>848</b> /911.5/1030													
author	.													
coverscale	.													
ecoord	15.02628/15.348935/ <b>15.38462</b> /15.41786/15.47318													
felsantl	.													
ncoord	47.74587/47.762195/ <b>47.76898</b> /47.82408/47.99713													
nrglges	.													
oeverdat	.													
relevanr	14494/14545.5/ <b>14644</b> /14685.5/14721													
schuttant	.													
spcount	.													
surfarea	.													
waypoint	520/547/ <b>570.5</b> /591/612													
xcoord	15.026/15.349/ <b>15.385</b> /15.418/15.473													
ycoord	47.746/47.762/ <b>47.769</b> /47.824/47.997													
bezirk	Bruck an der Mur: 96; Scheibbs: 22; Lilienfeld: 9; Sankt Plten-Land: 2; St.Plten-Land: 2													
date	2014-06-25: 19; 2014-06-24: 17; 2014-06-27: 15; 2014-06-09: 12; 2014-06-18: 11; 2014-06-26: 11; 2014-06-10: 10; 2014-06-21: 10; 2014-06-19: 8; 2014-06-05: 7; 2014-06-28: 5; 2014-06-06: 4; 2014-06-04: 2													
diagms	Lolio-Cynosuretum (incl. Festuco-Cynosuretum): 34; 'Avenulo-Festucetum chaerophylletosum aurei': 32; 'Astrantio-Caricetum montanae': 18; Crepido-Festucetum (incl. Crepido-Cynosuretum): 16; 'Avenulo-Fetucetum brizetosum mediae': 13; Lychnido-Festucetum rubrae: 9; 'Avenulo-Festucetum aegopodietosum podagrariae': 8; Anthoxantho-Agrostietum': 1													
locality	Halltal: 77; Walstern: 19; tschergebiet: 13; Eisenwurzten: 9; Salzatal: 6; Karnerbachtal: 3; Pielachtal: 3; tschergegend: 1													
mossident	Y: 131													
observer	Staudinger, Markus: 131													
ordnung	Arrhenatheretalia: 131													
origdiag	Poo-Trisetetum: 49; Festuco-Cynosuretum: 41; Astrantio-Trisetetum: 16; Campanulo-Agrostietum: 8; Bromion: 5; Anthoxantho-Agrostietum: 3; Astrantio-Festucetum: 3; Alchemillo-Arrhenatheretum: 2; Arrhenatherion: 1; Astrantio-Brometum: 1; Nardion: 1; Petasition officinalis: 1													
project	Kartierung Halltal,Walstern: 96; Bergmhwiesen N: 35													
quadrant	8258/1: 56; 8258/2: 25; 8158/3: 12; 8158/4: 9; 8057/4: 7; 8157/2: 7; 8057/1: 5; 8056/3: 3; 8258/3: 3; 8057/2: 2; 8058/1: 2													
region	Steirische Kalkvoralpen: 77; N Kalkvoralpen: 35; Steirische Kalk-Voralpen: 19													

Table 2: (continued)

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
remarks	am Blzenberg N Pfaffenschlag, WP 382: 1; am Gscheid SE Ulreichsberg, WP 360: 1; am Michelbhel NE Ulreichsberg, WP 352: 1; beim Gh. Wastl am Wald S Puchenstuben, WP 393; 1 x gemht im Jahr, seit 25 Jahren nicht mehr beweidet: 1; beim Gh. Wastl am Wald S Puchenstuben, WP 394; 1 x gemht im Jahr, seit 25 Jahren nicht mehr beweidet: 1; beim Schsseleck E Gsing an der Mariazeller Bahn, WP 399; sehr niederwchisge Sommerweide; : 1; beim Schsseleck E Gsing an der Mariazeller Bahn, WP 402; : 1; beim Schsseleck E Gsing an der Mariazeller Bahn, WP 403; : 1; Blzenberg N Pfaffenschlag, WP 379: 1; Brandeben N Puchenstuben, WP 388: 1; Brandeben N Puchenstuben, WP 389: 1; Brandeben N Puchenstuben, WP 390: 1; Brandeben N Puchenstuben, WP 391: 1; Brandeben N Puchenstuben, WP 392: 1; ehemalige Weide am Gscheid SE Ulreichsberg, WP 366: 1; Feichtenbachgraben am Gscheid SE Ulreichsberg, WP 373: 1; Hochalm N Pfaffenschlag, WP 380: 1; Hochstadelberg E Gsing an der Mariazeller Bahn, WP 404; verbracht; : 1; Hollenstein am Schlagerboden E Scheibbs; : 1; Hollenstein am Schlagerboden E Scheibbs; gemht: 1; Hollenstein E St. Anton an der Jenitz, WP 384: 1; Lehengegend N Frankenfels, WP 378: 1; N des Hubertussee, WP 468; eher fett und artenarm; : : : : : 1; N des Hubertussee, WP 469; : : : : : 1; N des Hubertussee, WP 471; : : : : : 1; N des Hubertussee, WP 472; : : : : : 1; N Hubertussee, WP 492; : : : : : 1; Nattersbachtal SE Puchenstuben, WP 405; : : : : : 1; NE Ulreichsberg, WP 346: 1; NE Ulreichsberg, WP 350: 1; oberes Halltal bei Terz, WP 539; : : 1; oberes Halltal bei Terz, WP 541; : : 1; oberes Halltal bei Terz, WP 542; : : 1; oberes Halltal bei Terz, WP 545; : : 1; oberes Halltal bei Terz, WP 546; : : 1; oberes Halltal bei Terz, WP 547; nicht beweidet; : 1; oberes Halltal bei Terz, WP 548; Brache mit aufkommenden Fichten; : 1; oberes Halltal bei Terz, WP 549; etwas verbracht wirkend; : 1; oberes Halltal bei Terz, WP 550; Fettwiese; : 1; oberes Halltal beim Frhwirt, WP 536; sehr niederwchsig; : 1; oberes Halltal beim Frhwirt, WP 537; : : 1; oberes Halltal beim Lackenhof, WP 528; sehr fette Wiese; : : 1; oberes Halltal beim Lackenhof, WP 530; : : 1; oberes Halltal beim Lackenhof, WP 531; beweidet; : : 1; oberes Halltal beim Lackenhof, WP 532; sehr extensiv beweidet; : : 1; oberes Halltal, beim Greierhof, WP 582 Fettwiese: 1; oberes Halltal, beim Hnbichler, WP 569: 1; oberes Halltal, Bschung beim Hnbichler, WP 580: 1; oberes Halltal, Hllgraben, WP 533; Talbodenfettwiese; : : 1; oberes Halltal, Hllgraben, WP 563; Fettwiese; : 1; oberes Halltal, Hllgraben, WP 564; niederwchsig; : 1; oberes Halltal, Hllgraben, WP 565; : 1; oberes Halltal, Hllgraben, WP 566; : 1; oberes Halltal, Hllgraben, WP 567; steile Bschung, im Herbst nachbeweidet: 1; oberes Halltal, Kuhgraben, WP 554; : : 1; oberes Halltal, Lackengraben, WP 579 Weide: 1; oberes Halltal, WP 519; typische Goldhaferfettwiese der Hnge; : : : : : 1; oberes Halltal, WP 520; typische Goldhaferfettwiese der Hnge, nachbeweidet; : : : : : 1; oberes Halltal, WP 521; : : : : : 1; oberes Halltal, WP 522; : : : : : 1; oberes Halltal, WP 523; : : : : : 1; oberes Halltal, WP 525; : : : : : 1; oberes Halltal, WP 535; : : 1; oberes Halltal, WP 553; etwas verbracht wirkend; : 1; oberes Halltal, WP 556; sehr hochwchsig; : 1; oberes Halltal, WP 557; sehr hochwchsige Fettwiese; : 1; oberes Halltal, WP 558; Weide; : 1; oberes Halltal, WP 559; dichte und hohe Grasschicht; : 1; oberes Halltal, WP 560; Fettwiese; : 1; oberes Halltal, WP 561; nicht beweidet zur Aufnahme; : 1; oberes Halltal, WP 562; nicht beweidet zur Aufnahme; : 1; oberes Halltal, WP 572 Brache: 1; oberes Halltal, WP 573: 1; oberes Halltal, WP 574 Brache, mit Weidegangeln: 1; oberes Halltal, WP 575 derzeit nicht beweidet: 1; oberes Halltal, WP 576 schattige Waldwiese: 1; oberes Halltal, WP 577 ehemalige Weide, seit etwa 15 Jahren nicht mehr genutzt mit etwa 3m hohen Fichten: 1; oberes Halltal, WP 577 niederwchsig: 1; oberes Halltal, WP 581: 1; oberes Halltal, WP 602: 1; oberes Halltal, WP 603: 1; oberes Halltal, WP 604 sehr magere niederwchsige Wiese, nicht beweidet: 1; oberes Halltal, WP 607 Weide: 1; oberes Halltal, WP 609 Weide: 1; Puchenstuben, WP 386: 1; Rechengraben, WP 476; sehr dicht stehende Fettwiese; : : : : : 1; Rechengraben, WP 478; verbracht; : : : : : 1; Rechengraben, WP 480; sehr niederwchsig; : : : : : 1; Rechengraben, WP 481; verbracht; : : : : : 1; Rechengraben, WP 482; verbracht; : : : : : 1; Rechengraben, WP 483; niederwchsig; : : : : : 1; Rechengraben, WP 485; eher Saumgesellschaft; : : : : : 1; S des Hubertussee, WP 467; : : : : : 1; S Michelbhel NE Ulreichsberg, WP 355: 1; SE Fadental im Otterbachtal, WP 451; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Tal der Weien Walster E des Hubertussee, WP 452; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Tal der Weien Walster E des Hubertussee, WP 453; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Tal der Weien Walster E des Hubertussee, WP 455; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Tal der Weien Walster E des Hubertussee, WP 458; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Tal der Weien Walster E des Hubertussee, WP 460; zum Begehungszeitpunkt keine Beweidung; : : : : : 1; Taschlgrabenrotte, WP 408; homogene Flche, nicht verbracht!!!; : : 1; unteres Halltal beim Thalerhof, WP 514; Talbodenfettwiese; : : : : : 1; unteres Halltal beim Thalerhof, WP 515; Talbodenfettwiese; : : : : : 1; unteres Halltal, Gracheralm, WP 611 derzeit keine Beweidung: 1; unteres Halltal, Gracheralm, WP 612: 1; unteres Halltal, Greiergraben, WP 583 etwas verbracht wirkend: 1; unteres Halltal, Mooshuben, WP 590 Fettwiese: 1; unteres Halltal, Mooshuben, WP 591 Weide: 1; unteres Halltal, Mooshuben, WP 592 Fettwiese: 1; unteres Halltal, Mooshuben, WP 593: 1; unteres Halltal, Mooshuben, WP 594: 1; unteres Halltal, Mooshuben, WP 595: 1; unteres Halltal, Mooshuben, WP 596 feuchte Fettweide: 1; unteres Halltal, Mooshuben, WP 597 Fettwiese: 1; unteres Halltal, Mooshuben, WP 598: 1; unteres Halltal, Mooshuben, WP 599 Weide: 1; unteres Halltal, Mooshuben, WP 600 Brache mit aufkommenden Fichten: 1; unteres Halltal, Mooshuben, WP 601: 1; unteres Halltal, WP 584: 1; unteres Halltal, WP 585: 1; unteres Halltal, WP 586: 1; unteres Halltal, WP 588: 1; unteres Halltal, WP 589: 1; unteres Halltal, WP 606 verbracht: 1; verbrachte Goldhaferwiese am Gscheid SE Ulreichsberg, WP 368: 1; verbrachte Weide am Gscheid SE Ulreichsberg, WP 362: 1; W Hbarten am Schlagerboden E Scheibbs: 1; W Hbarten am Schlagerboden E Scheibbs; Flche beweidet: 1; W Hbarten am Schlagerboden E Scheibbs; Flche gemht, nicht beweidet: 1; Walzgraben, Falkensteinrotte, WP 407; : : : 1; Zw. Schsseleck und Hochstadelberg E Gsing an der Mariazeller Bahn, WP 398; schattige Waldwiese; : 1													
verband	Cynosurion: 131													

Table 3: Partion summary for cluster 3 consisting out of 11 plots.

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
<b>Poa trivialis</b>	hl	yes	0.601	100	11	75	64	3	3.0	8.00	8.0	18.00	18.0	V (3/8/18, n = 11)
Trifolium repens	hl		0.412	64	7	93	86	3	0.0	0.00	4.0	6.00	8.0	IV (0/4/8, n = 7)
Cerastium holosteoides	hl		0.364	73	8	119	111	3	0.0	0.15	0.3	0.30	0.7	IV (0/0.3/0.7, n = 8)
<b>Trisetum flavescens</b>	hl	yes	0.351	100	11	142	131	3	0.7	8.00	18.0	18.00	18.0	V (0.7/18/18, n = 11)
<b>Dactylis glomerata</b>	hl		0.309	100	11	158	147	3	0.7	1.85	4.0	4.00	18.0	V (0.7/4/18, n = 11)
Carex sylvatica	hl	yes	0.236	45	5	72	67	3	0.0	0.00	0.0	1.85	3.0	III (0/0/3, n = 5)
Trifolium pratense	hl		0.236	82	9	139	130	3	0.0	0.70	0.7	3.50	4.0	V (0/0.7/4, n = 9)
Carex hirta	hl	yes	0.211	45	5	10	5	2	0.0	0.00	0.0	0.50	4.0	III (0/0/4, n = 5)
Ranunculus repens	hl	yes	0.209	82	9	38	29	3	0.0	0.30	0.7	1.85	8.0	V (0/0.7/8, n = 9)
Rumex obtusifolius	hl	yes	0.205	36	4	17	13	3	0.0	0.00	0.0	0.50	4.0	II (0/0/4, n = 4)
Festuca pratensis s.str.	hl		0.203	82	9	111	102	3	0.0	2.35	4.0	6.00	38.0	V (0/4/38, n = 9)
Phleum pratense	hl		0.198	45	5	37	32	3	0.0	0.00	0.0	2.35	8.0	III (0/0/8, n = 5)
Veronica arvensis	hl	yes	0.195	45	5	16	11	3	0.0	0.00	0.0	0.30	0.3	III (0/0/0.3, n = 5)
Poa pratensis	hl	yes	0.190	36	4	38	34	3	0.0	0.00	0.0	2.35	8.0	II (0/0/8, n = 4)
Symphytum officinale	hl		0.182	18	2	7	5	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Cirsium oleraceum	hl		0.176	64	7	70	63	3	0.0	0.00	0.7	0.70	8.0	IV (0/0.7/8, n = 7)
Ranunculus acris	hl		0.176	91	10	155	145	3	0.0	0.70	0.7	1.85	4.0	V (0/0.7/4, n = 10)
Carum carvi	hl	yes	0.175	73	8	58	50	3	0.0	0.15	0.7	0.70	8.0	IV (0/0.7/8, n = 8)
Plantago lanceolata	hl		0.134	55	6	116	110	3	0.0	0.00	0.3	0.30	4.0	III (0/0.3/4, n = 6)
Myosotis sylvatica	hl		0.130	18	2	19	17	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Lathyrus pratensis	hl		0.117	27	3	66	63	3	0.0	0.00	0.0	0.15	0.3	II (0/0/0.3, n = 3)
Glechoma hederacea	hl	yes	0.117	27	3	12	9	3	0.0	0.00	0.0	0.15	0.3	II (0/0/0.3, n = 3)
Stellaria graminea	hl		0.117	27	3	58	55	3	0.0	0.00	0.0	0.15	0.3	II (0/0/0.3, n = 3)
Heracleum sphondylium	hl		0.114	27	3	54	51	3	0.0	0.00	0.0	0.15	4.0	II (0/0/4, n = 3)
Crepis biennis	hl		0.114	45	5	80	75	3	0.0	0.00	0.0	0.50	8.0	III (0/0/8, n = 5)
Elymus repens	hl	yes	0.111	18	2	6	4	2	0.0	0.00	0.0	0.00	18.0	I (0/0/18, n = 2)
Mentha longifolia	hl	yes	0.107	18	2	3	1	2	0.0	0.00	0.0	0.00	4.0	I (0/0/4, n = 2)
Bellis perennis	hl		0.098	18	2	24	22	3	0.0	0.00	0.0	0.00	4.0	I (0/0/4, n = 2)
Taraxacum officinale agg.	hl		0.084	64	7	74	67	3	0.0	0.00	0.3	0.70	0.7	IV (0/0.3/0.7, n = 7)
Rumex acetosa	hl		0.083	73	8	115	107	3	0.0	0.15	0.3	0.70	4.0	IV (0/0.3/4, n = 8)
Campanula patula	hl		0.078	18	2	61	59	3	0.0	0.00	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Aegopodium podagraria	hl		0.073	45	5	66	61	3	0.0	0.00	0.0	0.70	4.0	III (0/0/4, n = 5)
Arrhenatherum elatius	hl		0.061	18	2	43	41	3	0.0	0.00	0.0	0.00	8.0	I (0/0/8, n = 2)
Petasites hybridus	hl		0.061	18	2	12	10	2	0.0	0.00	0.0	0.00	8.0	I (0/0/8, n = 2)
Veronica chamaedrys	hl		0.059	64	7	102	95	3	0.0	0.00	0.3	0.30	3.0	IV (0/0.3/3, n = 7)
Achillea millefolium agg.	hl		0.058	45	5	69	64	3	0.0	0.00	0.0	0.30	0.7	III (0/0/0.7, n = 5)
Rhinanthus alectorolophus	hl		0.052	27	3	101	98	3	0.0	0.00	0.0	0.15	4.0	II (0/0/4, n = 3)
Vicia cracca	hl		0.048	36	4	92	88	3	0.0	0.00	0.0	0.30	0.7	II (0/0/0.7, n = 4)
Galium album s.str.	hl		0.045	27	3	51	48	3	0.0	0.00	0.0	0.15	3.0	II (0/0/3, n = 3)
Prunella vulgaris	hl		0.045	36	4	70	66	3	0.0	0.00	0.0	0.30	0.7	II (0/0/0.7, n = 4)
Anthoxanthum odoratum	hl		0.040	36	4	106	102	3	0.0	0.00	0.0	0.50	4.0	II (0/0/4, n = 4)
Deschampsia cespitosa	hl		0.035	18	2	11	9	2	0.0	0.00	0.0	0.00	4.0	I (0/0/4, n = 2)
Alopecurus pratensis	hl		0.034	45	5	24	19	3	0.0	0.00	0.0	0.70	4.0	III (0/0/4, n = 5)
Cynosurus cristatus	hl		0.034	55	6	96	90	3	0.0	0.00	0.7	2.35	4.0	III (0/0.7/4, n = 6)
Carex pallescens	hl		0.032	18	2	73	71	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Leucanthemum ircutianum	hl		0.032	18	2	75	73	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Alchemilla vulgaris agg.	hl		0.032	73	8	124	116	3	0.0	0.15	0.3	0.30	0.7	IV (0/0.3/0.7, n = 8)
Centaurea jacea	hl		0.025	27	3	95	92	3	0.0	0.00	0.0	0.15	4.0	II (0/0/4, n = 3)
Cruciata laevipes	hl		0.023	18	2	32	30	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Festuca nigrescens	hl		0.020	27	3	108	105	3	0.0	0.00	0.0	0.15	4.0	II (0/0/4, n = 3)
Vicia sepium	hl		0.020	27	3	50	47	3	0.0	0.00	0.0	0.15	0.3	II (0/0/0.3, n = 3)
Colchicum autumnale	hl		0.015	27	3	98	95	3	0.0	0.00	0.0	0.15	0.7	II (0/0/0.7, n = 3)
Avenula pubescens	hl		0.015	36	4	78	74	3	0.0	0.00	0.0	0.70	4.0	II (0/0/4, n = 4)
Rhinanthus minor	hl		0.014	18	2	45	43	3	0.0	0.00	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Chaerophyllum aureum	hl		0.013	27	3	55	52	3	0.0	0.00	0.0	0.35	4.0	II (0/0/4, n = 3)
Geranium phaeum	hl		0.011	18	2	7	5	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Chaerophyllum hirsutum	hl		0.011	27	3	64	61	3	0.0	0.00	0.0	0.35	0.7	II (0/0/0.7, n = 3)
Hypericum maculatum s.str.	hl		0.009	27	3	97	94	3	0.0	0.00	0.0	0.15	0.7	II (0/0/0.7, n = 3)
Agrostis capillaris	hl		0.007	18	2	61	59	3	0.0	0.00	0.0	0.00	0.7	I (0/0/0.7, n = 2)
Senecio subalpinus	hl		0.007	18	2	10	8	2	0.0	0.00	0.0	0.00	0.3	I (0/0/0.3, n = 2)
Occuring only once	Alchemilla vulgaris s.str., Betonica officinalis, Brachypodium pinnatum, Bromus erectus, Campanula trachelium, Cardamine hirsuta, Cardaminopsis halleri, Carduus crispus, Carex flacca, Carex leporina, Cirsium arvense, Clinopodium vulgare, Filipendula vulgaris, Galium boreale, Galium verum, Geum urbanum, Holcus lanatus, Juncus articulatus, Leontodon autumnalis, Leontodon hispidus, Lilium bulbiferum, Lotus corniculatus, Lysimachia nummularia, Medicago lupulina, Myosotis arvensis, Myosotis nemorosa, Persicaria bistorta, Pimpinella major, Potentilla reptans, Ranunculus bulbosus, Ranunculus nemorosus, Stachys alpina, Stachys sylvatica, Tragopogon orientalis, Trollius europaeus, Urtica dioica, Valeriana officinalis, Veratrum album, Veronica serpyllifolia, Willemetia stipitata													
accuracy	.													
altitude	348/756.5/ <b>788</b> /928/973													
author	.													
coverscale	.													
ecoord	15.29739/15.375995/ <b>15.39633</b> /15.409275/15.63057													
felsantl	.													
ncoord	47.76125/47.763705/ <b>47.76925</b> /47.87654/48.04266													
nrglges	.													
oevdat	.													
relevnr	14492/14553/ <b>14636</b> /14684/14719													
schuttant	.													
spcount	.													
surfarea	.													
waypoint	524/534/ <b>574</b> /608/610													
xcoord	15.297/15.376/ <b>15.396</b> /15.4095/15.631													
ycoord	47.761/47.7635/ <b>47.769</b> /47.8765/48.043													
bezirk	Bruck an der Mur: 7; Lilienfeld: 3; Scheibbs: 1													
date	2014-06-11: 2; 2014-06-21: 2; 2014-06-25: 2; 2014-06-28: 2; 2014-06-04: 1; 2014-06-10: 1; 2014-06-24: 1													
diagms	Poo-Trisetetum: 11													
locality	Halltal: 7; Lassingbachtal: 1; tschergebiet: 1; Traisental: 1; Trnitztal: 1													
mossident	Y: 11													
observer	Staudinger, Markus: 11													
ordnung	Arrhenatheretalia: 11													
origdiag	Poo-Trisetetum: 10; Filipendulo-Arrhenatheretum: 1													

Table 3: (continued)

taxon	layer	typical	stat	cons	cont	occu	out	spread	q0	q0.25	q0.5	q0.75	q1	summary
project	Kartierung Halltal,Walstern: 7; Bergmhwiesen N: 4													
quadrant	8258/1: 6; 7959/4: 1; 8058/3: 1; 8157/2: 1; 8158/1: 1; 8258/2: 1													
region	Steirische Kalkvoralpen: 7; N Kalkvoralpen: 4													
remarks	Annarotte S Annaberg, WP 344: 1; E Traisen, WP 420; Pferdeweide; ; ; ; : 1; oberes Halltal, WP 518; typische Talbodenfettwiese; ; ; ; ; : 1; oberes Halltal, WP 524; Talbodenfettwiese; ; ; ; : 1; oberes Halltal, WP 534; Talbodenfettwiese; ; ; : 1; oberes Halltal, WP 571 Fettwiese: 1; oberes Halltal, WP 577: 1; oberes Halltal, WP 608 Talbodenfettwiese: 1; S Siebenbrunn, WP 412; Flche stark beschattet mit Verbrachungszeigern; ; ; : 1; unteres Halltal, Thaleralm, WP 610 wahrscheinlich Einsaatwiese: 1; Wiese NE Gsing an der Mariazeller Bahn, WP 396; : 1													
verband	Trisetion: 11													