On-line Supplement Tab. 1. Overall average dissimilarities (lower left hand corners) and taxa contribution (up to 50 % of overall dissimilarities, upper right hand corners) between all the types of chasmophytic niche assemblages with *Campanula tommasiniana* on Mt Učka (NW Adriatic) according to SIMPER analysis. Taxa abbreviations as in Tab. 4

assambleges		SjC				CfC	SaC	
		S	GM	GS	C		S	M
SjC	S		Cam tom (2.2), Mic thy (2), Asp tri, Sil sax (1.8), Ort cup, Syn rur (1.5), Tor tor, Ger mac, Asp rtm, Sch sp (1.4), Teu aur, Cet off (1.3), Scr lac (1.2)	Asp rtm (1.9), Asp tri (1.8), Sil sax (1.7), Syn rur (1.5), Hie bup, Mic thy, Cam tom, Ort cup, Sch sp (1.4), Sta sub, Ger mac, Tha min (1.3), Tor tor, Cet off (1.2)	Sil sax (2), Asp tri (1.5), Hom phi, Mic thy, Syn rur (1.4), Nec cri, Ort cup (1.3), Tor tor, Hom se, Sen abr, Ger mac (1.2), Cam tom, Sch sp, Asp rtm, Cet off (1.1), Cal var, Scr lac, Fis dub (1)	Pla str, Asp tri, Myc mur, Hom phi (1.8), Cym mur (1.7), Sed alb, Sil sax (1.6), Ses jun (1.4), Ano vit, Cam tom, Rad com, Rad com (1.3), Pse alb, Tor tor, Sch sp (1.2), Hom ser, Ara alp (1.1)	Ses aut, Cte mol, Hom ser (1.8), Asp rtm (1.7), Sed alb, Sil sax (1.6), Sco cir, Tor tor (1.5), Cet off, Fra orn, Pla str, Asp acu (1.4), Ses jun, Asp tri, Ano vit, Tor nit (1.3), Hom phi, Col cal, Sch sp (1.2)	Pla str (2.1), Cte mol, Sil sax (1.7), Hom phy, Asp tri, Sed alb, Ses jun (1.6), Ses aut, Nec bes (1.5), Sch sp (1.4), Tor tor, Ort cup, Cam tom, Asp rtm (1.3), Nec com, Syn rur (1.2)
	GM	69.46		Sil sax (2.1), Hie bup (1.9), Glo cor (1.8), Sta sub, Scr lac (1.7), Sch sp (1.6), Tha min (1.4), Teu mon, Tor tor, Asp tri (1.3)	Cte mol (2.3), Ath tur (2.2), Asp rtm, Nec cri (1.6), Scr lac, Hom phi (1.5), Sen abr, Asp tri (1.4), Fis dub, Tor tor (1.3), Hom ser (1.2), Sch sp, Cal var (1.1)	Cys fra, Mic thy (2.5), Cym mur (2.3), Hom phi, Pla str (2.2), Myc mur, Glo cor (2.1), Sil sax (1.9), Rad com (1.5), Tor tor (1.4), Sch sp, Ara alp (1.4)	Ses aut (2.3), Sat mon, Cte mol, Hom ser (2.2), Glo cor (2.1), Cet off (2), Sil sax (1.9), Sco cir (1.8), Asp tri, Tor tor, Cam tom, Pla str, Fra orn (1.7), Asp acu, Asp rtm (1.6), Tor nit (1.5)	Pla str (2.6), Hom ser (2.4), Glo cor, Asp tri (2.3), Sil sax, Cte mol, Hom phi (2), Ses aut, Nec bes (1.8), Sch sp (1.7), Asp rtm (1.6), Nec com (1.5)
	GS	72.82	55.61		Asp rtm, Ath tur (1.9), Hie bup (1.6), Hom phi, Nec cri (1.5), Sta sub, Sen abr, Ara sco, Asp tri (1.4), Fis dub (1.3), Scr lac, Sch sp, Tha min, Mic thy, Tor tor (1.2)	Cys fra (2.4), Cym mur (2.3), Hom phi, Pla str, Myc mur (2,1), Cam tom (2), Asp rtm, Ath tur (1.7), Sil sax, Rad com, Tor tor (1.5), Sch sp (1.3)	Cor eme (2.3), Sat mon (2.2), Cte mol, Hom ser (2.1), Cet off (1.9), As tri (1.8), Sco cir, Tor tor, Ath tur (1.7), Fra orn, Pla str, Asp acu (1.6), Sil sax, Tor nit (1.5), Col cal (1.4), Hed hed (1.3)	Asp tri, Hom ser (2.4), Cam tom (2.3), Cte mol, Hom phi (1.9), Ses aut (1.8), Nec bes, Ath tur (1.7), Sil sax, Sch sp, Asp rtm (1.6), Tor tor, Nec com (1.5), Por pla (1.3)

On-line Supplement Tab. 1. – continued

assambleges		SjC				CfC	SaC	
		S	GM	GS	C		S	M
	C	70.58	64.8	64.08		Pla str, Myc mur (1.9), Hom phi, Ath tur (1.8), Cym mur (1.7), Cam tom (1.5), Rad com, Tor tor (1.3), Hom ser, Sch sp, Fis dub (1.2), Ara alp, Ger rob, Pse alb, Pse cat (1.1)	Sat mon, Ses aut, Ath tur (1.9), Cet off (1.8), Hom ser (1.7), Sco cir (1.6), Asp rtm, Tor tor, Pla str, Fra orn, Hom phi, Asp acu (1.5), Asp tri, Tor nit (1.4), Col cal (1.3), Fis dub, Hed hel, Nec cri (1.2)	Ath tur, Asp tri, Hom phi (1.8), Ses aut, Sch sp, Nec bes, Cte mol (1.6), Cam tom (1.5), Asp rtm (1.4), Nec com, Tor tor (1.3), Por pla (1.2), Cyc pur, Sen abr, Fis dub (1.1), Ort cup (1)
CfC		79.32	83.45	84.52	72.26		Cys fra (1.8), Sat mont, Cor eme (1.7), Asp rtm, Pla str, Hom phi (1.6), Myc mur, Ses aut, Cet off, Hom ser (1.5), Sco cir, Ano vit, Tor tor, Asp tri (1.3), Cam tom, Fra orn (1.2)	Pla str (1.7), Hom phi, Cym mur (1.6), Com tom, Ses aut, Nec bes (1.3), Myc mur, Tor tor (1.2), Rad com, Asp rtm (1.2), Nec com, Pse alb, Sch sp, Por pla (1.1), Ara alp, Cyc pur (1)
SaC	S	78.2	86.5	86.38	80.37	77.42		Cte mol (1.8), Sat mon (1.7), Pla str, Ses aut, Hom phi, Cet off (1.5), Sco cir (1.4), Fra orn, Asp acu, Tor tor (1.3), Sch sp, Cam tom, Asp rtm, Tor nit, Asp tri, Hom ser (1.2), Col cal, Por pla, Nec com (1.1)
	M	72.91	80.22	81.21	72.02	63.16	70.56	

On-line Supplement Tab. 2. Analytical table of the association *Seslerio juncifoliae-Campanuletum tommasinianae* ass. nova on Mt. Učka (NW Adriatic)

		1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4	4 4 4 4 4 5 5 5 5 5 5 5 5 % 5 6 7 8 9 0 1 2 3 4 5 6 7 8
		SjCS	SjCGM	SjCGS	SjCC	
	Characteristic taxa combination					
PPc	*Campanula tommasiniana*	4 4 4 4 4 4 4 4 5	4 3 3 4 3 2 4 3 3 4 2 3 2 3 4 2 2 4 4 4 4 3 5 4 3 3 3 2 4 4 3 3 3 4 3	3 4 4 4 4 5 3 4 5 5 5 5 3 4	100
ES	*Sesleria juncifolia*	3 4 4 3	4 4 4 4 4 3 4 4 3 4 5 3 3 4 4 3 3 5 4 5 4 5 5 5 4 5 5 4 4 4 4 4 4 4 4	4 6 4 3 3 3 . 3 5 4 5 6 5 5	90
PPc	*Athamanta turbith*	4 3 3 5 6 3 . . 3	. 3 1 + 3 . 2 3 2 . . . 1 1 . . . 1 1 . . . . + 3 3 3 3 3 3 3 2 . 2 3	3 2 . 3 2 . 4 . 3 3 2 3 3 3	69
PPc	*Silene saxifraga* subsp. *hayekiana*	3 3 3 3 . . 3 . 1	3 3 4 . . 2 . 2 2 3 2 3 2 3 3 . 2 3 3 2 . 3 . 2 2 2 + . 2 1 3 . . 2 3	1	55	
	Diff. taxa comb. of the subass. and var.					
KC	*Sedum album*	2 . 2 2 2 3 1 3 3	. . . . .	2	16	
Ss	*Satureja montana* subsp. *variegata*	4 3 1 4 4 4 5 . .	3 2 . . 1 . . . . . 2	. . . . . 1 . 2	21	
Cr	*Syntrichia ruralis* var. *ruralis*	. 3 3 . 2 3 . 1 .	2 . . . . . 1	2 3	16	
ES	*Globularia cordifolia*	. . . . .	2 . 3 3 3 2 2 2 2 3 3 3 2 3 2 3 . . 2 . 3 3 3 3 4 3 3 2 3 3 3 2 3 2 3	. . 2 2	57	
Pc	*Hieracium bupleuroides*	. . . . 2	. . . . . 2 2 . . 2 . 1 1 2 . . 3 3 1 1 . . . 3 2 . . . . . 3 3 . 2	. . . . . 2 . 1	31	
PP	*Micromeria thymifolia*	. . . 3 . . 3 1 2	2 3 2 3 3 4 3 3 3 3 3 . 2 2 3 2 2 2	. . . . . 2 2 .	2 . 1 3 3 . 2	48
AT	*Scrophularia laciniata*	. . . . . + 1 + .	3 . 2 . . . 3 . 2 2 . . 2 . 1 + + 3	. . 2 . . . . . 2 .	2 2 . . . . . 3 . 1 3 . 1 .	36
Ss	*Stachys subcrenata*	. . . . .	. . . . . 1 . 2	. 1 . . 2 . 2 2 3 2 2 2 . 3 . 3 .	. 2 . . . . . 2 . 2	26
Cr	*Tortella densa*	. . . . .	. . . . .	2 2 . 2 . . . . . 3 2 2 . . .	. . . . .	10
Cr	*Ctenidium molluscum*	. . 3	. . . . . 2 2 . 1	. . . . . 2 . . . 2 . . .	2 1 3 2 2 2 2 2 2 3 2 . 4 3	33
Cr	*Neckera crispa*	. 2 3	. . . . . 2	. . . . . 1 . . . . . 2 . 2	2 1 2 . 2 2 2 . . . 2 . 4 2	26
Cr	*Fissidens dubius*	. . . . .	. . . . . 1	. . . . . 2 . . .	2 1 . . . . 3 3 1 3	14
	Vascular plants					
AT	*Asplenium ruta-muraria*	3 3 3 1 2 3 1 3 1	3 2 3 2 2 3 3 2 3 3 2 . . . . 1 + . . 2 2 . . 2 . . 1 3 3 1 2	3 3 2 3 2 2 3 2 . . 3 3 . 2	71	
AT	*Asplenium trichomanes*	2 1 1 . . 3 . 2 4	2 . . 2 1 . . . . 3 2 . . 1 . . . 1 3 . 2 . . 2	3 3 . 2 2 . 2 . . 1 . . . 2	40	
ES	*Senecio abrotanifolius*	. . . . .	. . . 1 1 2 . . 1 2	2 . . . . . 2 . 2 . . . 2	2 3 3 2 . 1 . 2 . 1 . . . 2	29

On-line Supplement Tab. 2. – continued

		1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 0 1 2 3 4 5 6 7 8 9	1 2 2 2 2 2 2 2 2 2 0 1 2 3 4 5 6 7 8 9	2 3 3 3 3 3 3 3 3 3 0 1 2 3 4 5 6 7 8 9	4 4 4 4 4 4 4 4 4 4 0 1 2 3 4 5 6 7 8	5 5 5 5 5 5 5 5 5 5 0 1 2 3 4 5 6 7 8	%
		SjCS	SjCGM		SjCGS		SjCC	
GS	*Thalictrum minus*	. . . 3 1 . 1 . .	. 2 . . 2	. . . . .	2 2 2 . 2 . 2 3 3 3	1	1 . . . 2 . . .	29
CrP	*Cymbalaria muralis*	. . . . . 1 . 1 1	2 . . 1 2 1	. . . . .	+	1 . 2 1 2 . + . .	+	28
FB	*Teucrium montanum*	. 2 . . . . + . .	. . 1 . 1 . 1	. . . . .	2 2 2 . . 2 2 2 .	2	3 1	24
Ss	*Allium saxatile* subsp. *tergestinum*	. 2 3	. 2 . . 2	. . . . . +	. . 2	2 2 . 1 . 1 . .	2 1	24
	Thymus sp.	. . . . .	. . . . . 2 . 2 2	. . 2 2 2 . . .	. . . . .	2 1 . . . 1 . 2 3	. . . + ...	21
PPc	*Arabis scopoliana*	. . . . .	. . . . .	 2	. . . . .	3 2 . 2 . . 3 2 1	. . . . .	19
Ss	*Galium corrudifolium*	1 . . 1 2 2 . .	2 2	. . . . .	 1	. . . . .	3 2 . . . 2 . . .	19
EP	*Calamagrostis varia*	. . . 3 3 . . .	2 3 1	. . . . . +	. . . . .	2 1 4	3	17
	Carduus tenuiflorus	. . . . . + .	1 2	3 . . 1 1 2 . . .	2	1 1	. . . . .	17
AT	*Saxifraga paniculata*	. . . . .	 2	 2	. . . . .	2 . 2 . 1 2	. . . . .	16
AT	*Sempervivum tectorum*	. . . . .	. 2 + ...	. . . . .	. . . . . 1 1	. . . . . 2 . 3	. . . . . 2 + 3 . .	16
ES	*Ranunculus carinthiacus*	. . . . .	 1	. . . . .	. . . . .	+ . 1 1 . 2 . + 1	. . . . .	+ 14
Bv	*Rhamnus rupestris*	. 2 2 2	. 1 3	2	 1	. . . . .	 2	. . . . .	14
GS	*Anthericum ramosum*	. 2	. . . . .	. . . . .	. . . . . +	. . + . . 2 .	2 2 . . . 3 . .	3	14
GS	*Rosa pimpinellifolia*	. . . . .	2 . . . 1	. . . . .	2 . + 1 2 +	. . . . .	+	. . . . .	14
	Euphrasia illyrica	. . . . 3	. . . . .	. . . . .	. . . . .	2 . 2 .	2 + 2 . . 1	. . . . .	12
Ss	*Campanula marchesettii*	. . . 3	2 1	. . . . .	2 2	1	. . . . .	. . . . .	10
Tr	*Campanula cochleariifolia*	. . . . .	. . . . .	. . . . .	. . . . .	2 2 . 1	1 + . . +	. . . . .	10
Qp	*Ostrya carpinifolia*	+ 1 . . . . + . 1	. . . . .	. . . . .	. . . . .	. . . . .	+	. . . . .	9
AT	*Ceterach officinarum*	2 . 3 . . + . 2 2	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	9
Bv	*Rhamnus saxatilis*	. . . . .	. 1	. . . . .	1 2 . . . 2 .	. . . . .	3	. . . . .	9
ES	*Gentiana lutea* subsp. *symphyandra*	. . . . .	2 . . . 1	. . . . .	. . . . .	1 + ... + .	. . . . .	. . . . .	9

On-line Supplement Tab. 2. – continued

		1 2 3 4 5 6 7 8 9	1 0	1 1 2 3 4 5 6 7 8 9	1 1 2 3 4 5 6 7 8 9 0	2 2 2 3 4 5 6 7 8 9 0 1 2 3 4	3 3 3 3 3 3 3 3 3 4 5 6 7 8 9	4 4 4 4 4 4 4 5 6 7 8 9 0 1 2 3 4	5 5 5 5 5 5 5 5 5 6 7 8	%
		SjCS		SjCGM			SjCGS		SjCC	
LP	*Rosa dumalis*	. . . 1 2 2 1 . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. 1	9
Tr	*Teucrium arduinii*	1 . . 3 . 4 . .	. . . . .	. . . . .	. . . . .	3 2	. . . . .	. . . . .	. . . . .	9
AF	*Cyclamen purpurascens*	. 2 1	. . + . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	2	7
Qp	*Cyclamen purpurascens*	. . . . . 1 .	. . . 1 .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	1 . . 2 . .	7
Qp	*Sorbus aria*	. . . . + . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	+ 1	1	7
Ss	*Satureja subspicata* subsp. *liburnica*	. . . . .	. . + . .	. 1	. . . . .	. . . . .	2 . . 2 . . .	. . . . .	. . . . .	7
Tr	*Geranium macrorrhizum*	. . . . . 3 1 3 2	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	7
Tr	*Peltaria alliacea*	. . . . 1 2 . 2 .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	+	7
Pc	*Kernera saxatilis*	. . . . .	. . . 1 . 2 .	. . . . .	. . . . .	. . . . .	2	. . . . .	. . . . .	5
Pc1	*Primula auricula*	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . 1	. . 2	. . . 4 . .	5
ES	*Leontopodium alpinum*	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . 1	. . . . .	. . . . 1 2	5
EP	*Allium ericetorum*	. 2 1 . . 2 . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	5
EP	*Buphthalmum salicifolium*	. . . . .	. . . 3 . .	. . . . .	. . . . .	. . . . .	. . . . .	+	2	5
Sc	*Ligusticum seguerii*	. . . . . 1 . + .	2	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	5
VP	*Hieracium murorum*	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . 1	. . 2	. . . + .	5
B	**Bryophytes and lichens**									
	Tortella tortuosa	1 3 3 . 1 1 . 2 .	2 2 2 2 3 3 3 2 2	. . 2 . 2 2 2 2 2 2	. 2 2 2 1 . .	2 . 3 2 1 2 2 2 2	2 2 . 2 . 2 2 3	2 2 2 3 3 3	79	
	Schistidium sp.	1 3 3 . 1	2 2 2 . 3 . .	2 2	2 2 . . 2 . .	2	2 . 3 2 3 2 .	2 2 2 2	2 2 . . 2	45
	Homalothecium sericeum	3 . 3	. . . . .	2 . . 2 . 2 2 2	1	2 2	2	2 2 2 2 2 . .	2 2 . . .	2 2 2 3 . .	38
	Homalothecium philippeanum	. 3 . . . 3 . . .	2	. . . . .	. . . . .	. . . . .	1 . . .	2 2 1 3 .	2 . 2 3 4 . .	21
	Bryum sp.	. . . 2 1 3 . 2 .	2	. . . . .	. . . . .	. . . . .	. . . . .	2 . . 2 . 1 .	. . . 2 2 . .	17
	Ditrichum flexicaule	. . 3	. . . . .	. . . . .	. . . . .	. . . . .	3 . . 2 2 2 2	. . 2 2 . . .	. . . . 3 3	17
	Tortella nitida	2 . . . 2 3 . . .	. . . . .	. . . 1 2 . 2 .	. . . . .	2 . . . 2 . . .	2	2	. . . . .	17

On-line Supplement Tab. 2. – continued

	1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 %
		0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8
	SjCS	SjCGM SjCGS SjCC
Encalypta streptocarpa	. . . . 2	2 2 . . . . . 1 . . 2 . . . 2 . . . 3 . 12
Orthotrichum cupulatum	3 3 3 . . 3 . . .	2 . . 2 . . . . 2 12
Hypnum cupressiforme var. *cupressiforme*	. . 3	. . . . . 2 . . . . . 2 . . . . . 1 . . . . . 1 2 10
Radula complanata	. . . . .	. . . . . 1 . . . 2 2 . 3 . 7
Scapania aspera	. . . . .	. . . . . 1 . . . . . 2 . . . . 3 3 7
Scapania sp.	. . . . .	. . . . . 2 . . . . . 2 2 . . . 2 7
Anomodon viticulosus	3 3 3	 5
Encalypta vulgaris	. . . . .	. . . . . 1 . . . . . 2 . . . . . 3 . . 5
Hypnum cupressiforme var. *lacunosum*	. . . . .	. . . . . 2 . . . . . 2 2 5
Leptodon smithii	. . 3	2 . . . . 1 5
Neckera besseri	1 . 3	. . . . . 1 5
Plasteurhynchium striatulum	2	. . . . . 1 . . . . . 3 . 5
Porella platyphylla	. . . . . 2	. . . . . 2 . . . . . 2 . . . 5
Pseudoleskeela catenulata	. . . . .	. . . . . 1 . . . . . 2 . . 3 . 5
Weissia controversa var. *controversa*	. . . 2 2	2 5
Weissia sp.	. . . . .	. . . . . 2 . . . . . 2 . . . 3 5

SjCS-*Seslerio juncifoliae-Campanuletum sedetosum*; **SjCGM-***Seslerio juncifoliae-Campanuletum globularietosum* var. *Micromeria thymifolia*; **SjCGS-***Seslerio juncifoliae-Campanuletum globularietosum* var. *Stachys subcrenata;* **SJCC**-*Seslerio juncifoliae-Campanuletum ctenidietosum*.

On-line Supplement Tab. 3. Analytical table of the association *Cystopteri fragilis-Campanuletum tommasinianae* ass. nova on Mt. Učka (NW Adriatic)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	%
	Characteristic taxa combination																								
PPc	*Campanula tommasiniana*	5	4	6	2	4	5	4	5	6	3	4	4	5	5	5	2	3	5	5	5	5	4	5	100
FS	*Mycelis muralis*	2	3	3	+	2	3	2	3	3	3	3	3	2	.	.	2	.	2	3	3	3	3	2	87
Cf	*Cystopteris fragilis*	3	3	3	.	.	3	2	3	3	.	.	3	3	3	3	3	3	2	4	3	3	3	3	83
TA	*Geranium robertianum*	2	3	3	.	2	.	2	3	3	.	3	.	.	1	.	2	3	.	.	.	2	.	2	57
Tr	*Arabis alpina*	1	2	3	.	.	3	3	.	3	.	.	.	.	.	3	.	.	.	1	2	3	3	3	52
Cr	*Plagiochila porelloides*	1	3	3	.	3	.	.	1	.	.	.	.	.	1	.	3	3	.	1	.	.	3	.	43
Cr	*Mnium thomsonii*	.	.	3	.	.	.	.	.	.	.	.	2	.	.	.	3	.	.	3	3	2	3	.	30
	Vascular plants																								
AT	*Asplenium trichomanes*	4	3	3	5	4	3	3	3	3	3	4	3	3	3	3	2	3	2	3	3	4	4	3	100
AT	*Asplenium ruta-muraria*	3	2	2	.	4	3	3	3	3	2	3	3	3	3	3	2	2	3	2	3	3	2	2	96
CrP	*Cymbalaria muralis*	3	3	3	.	.	3	2	3	3	3	3	3	3	2	3	2	4	3	2	2	3	3	3	91
AF	*Cyclamen purpurascens*	.	3	.	3	.	3	.	.	.	3	3	3	.	.	.	.	.	2	.	.	2	.	2	39
VP	*Valeriana tripteris*	.	3	.	.	.	.	.	.	3	.	2	.	.	1	.	.	3	2	2	.	.	3	3	39
MA	*Senecio fuchsii*	+	.	.	.	.	1	.	+	.	.	.	.	3	.	.	.	.	.	1	.	2	3	2	35
Cf	*Pseudofumaria alba*	4	4	7	.	.	5	3	1	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	30
ES	*Sesleria juncifolia*	.	1	.	.	.	.	.	.	.	.	.	.	.	2	3	.	.	2	2	2	.	+	.	30
MA	*Saxifraga rotundifolia*	4	4	4	.	.	.	.	.	.	.	.	.	.	.	2	3	2	.	.	.	4	.	.	30
PP	*Adenostyles glabra*	.	.	1	.	1	.	1	3	3	.	.	.	.	.	.	.	.	3	2	.	.	.	.	30
PPc	*Campanula justiniana*	.	.	.	.	.	2	1	3	.	.	.	1	.	.	.	.	.	.	.	3	.	.	3	26
ES	*Ranunculus carinthiacus*	.	.	.	.	.	1	.	.	.	.	.	.	.	+	.	.	.	2	1	.	2	.	.	22
Qp	*Sesleria autumnalis*	.	.	.	3	.	.	.	+	.	.	.	2	.	.	.	.	.	2	.	.	1	.	.	22
AT	*Asplenium viride*	.	.	.	.	.	.	+	.	2	.	.	.	.	.	.	.	.	.	.	.	.	1	.	13
AT	*Polypodium vulgare* agg.	1	.	.	.	.	.	.	.	2	.	.	.	2	.	.	.	.	.	.	.	.	.	.	13
FS	*Mercurialis perennis*	.	.	.	.	.	.	.	.	.	.	1	.	.	.	2	.	.	.	.	.	2	.	.	13
QF	*Poa nemoralis*	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	2	13
Cf	*Moehringia muscosa*	.	3	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
PPc	*Athamanta turbith*	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	1	.	.	.	.	.	9
Pc1	*Kernera saxatilis*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	1	9
EP	*Calamagrostis varia*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	3	.	.	.	.	9
FS	*Epilobium montanum*	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	9

On-line Supplement Tab. 3. – continued

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	%
FS	*Galeobdolon flavidum*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	9
GS	*Anthericum ramosum*	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	9
QF	*Galium sylvaticum*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	2	.	.	9
TA	*Acer pseudoplatanus*	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	9
VP	*Laserpitium krapfii*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	2	9
Cr	**Bryophytes**																								0
	Ctenidium molluscum	4	4	6	5	8	7	4	4	6	4	4	4	3	3	4	4	4	6	5	5	4	4	5	100
	Neckera crispa	6	8	7	7	7	7	5	6	7	4	4	6	5	5	3	5	4	.	5	5	4	4	4	96
	Schistidium sp.	3	3	3	.	3	.	.	3	3	2	2	2	2	3	1	3	2	.	2	.	.	.	.	65
	Homalothecium philippeanum	.	.	.	.	4	3	3	4	5	4	4	.	3	3	3	3	.	3	.	3	.	.	.	57
	Plasteurhynchium striatulum	4	5	4	.	1	4	3	4	.	4	4	4	.	3	3	.	.	.	.	.	.	3	.	57
	Radula complanata	3	3	.	.	.	.	3	3	.	.	3	2	.	1	.	.	2	3	3	3	.	3	3	57
	Tortella tortuosa	.	3	.	.	3	.	3	3	3	2	.	.	3	.	3	.	3	3	.	.	.	3	1	52
	Fissidens dubius	.	.	.	4	3	.	3	.	.	2	2	2	.	1	.	3	2	3	.	.	.	.	1	48
	Neckera complanata	4	3	1	.	1	.	3	.	1	.	.	1	.	.	.	.	.	.	1	3	.	.	.	39
	Pseudoleskeela catenulata	.	.	3	.	.	.	.	1	3	4	.	.	.	.	1	.	3	3	.	.	3	3	.	39
	Bryum sp.	.	1	3	.	3	.	.	.	3	.	2	3	2	2	.	.	.	.	.	.	.	.	.	35
	Homalothecium sericeum	4	3	4	.	.	.	.	.	.	.	.	3	1	3	3	.	.	.	.	.	.	3	.	35
	Anomodon viticulosus	5	5	4	.	3	.	4	.	.	.	1	.	3	.	.	.	.	.	.	.	.	.	.	30
	Cololejeunea calcarea	.	3	.	4	3	.	.	.	.	1	.	.	1	.	.	.	.	3	.	.	.	.	1	30
	Pedinophyllum interruptum	.	3	3	.	.	3	.	.	.	.	.	.	.	.	.	.	.	3	.	.	3	3	3	30
	Brachythecium tommasinii	.	3	4	.	4	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	3	22
	Cirriphyllum crassinervium	1	.	.	.	.	.	4	.	.	.	.	.	.	3	.	.	.	.	.	.	.	1	3	22
	Encalypta streptocarpa	2	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	3	.	17
	Mnium marginatum	.	.	4	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	13
	Myurella julacea	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	2	.	.	13
	Neckera besseri	1	.	.	.	3	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
	Neckera pennata	.	.	3	1	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	13
	Porella platyphylla	.	.	.	.	.	3	.	.	.	3	4	.	.	.	.	.	.	.	.	.	.	.	.	13
	Anomodon attenuatus	.	.	1	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	9
	Encalypta vulgaris	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	.	9

On-line Supplement Tab. 4. Analytical table of the association *Seslerio autumnalis-Campanuletum tommasinianae* ass. nova on Mt. Učka (NW Adriatic)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	%
		SaCS						SaCM																									
	Characteristic taxa combination																																
PPc	*Campanula tommasiniana*	4	3	4	4	5	4	3	5	6	4	5	5	4	5	4	4	5	5	6	5	4	5	4	5	5	5	4	4	6	5	3	100
Cr	*Homalothecium sericeum*	3	3	3	.	3	3	.	3	.	2	1	3	3	.	2	3	.	2	2	4	4	5	4	4	3	4	3	3	3	4	3	84
Qp	*Sesleria autumnalis*	2	1	1	5	2	1	.	3	3	3	3	2	1	1	.	.	.	.	.	4	4	3	3	4	4	.	.	1	.	2	.	68
Cr	*Neckera besseri*	.	.	.	5	5	6	3	3	3	2	3	3	4	.	2	.	.	.	.	.	.	.	.	.	.	5	1	3	4	3	.	52
	Diff. taxa comb. of elevational variants																																
Co	*Coronilla emerus* subsp. *emeroides*	3	3	2	3	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
Pra	*Asparagus acutifolius*	2	2	2	2	1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
Qi	*Quercus ilex*	1	1	1	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
QF	*Hedera helix*	1	.	1	1	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
Cr	*Leptodon smithii*	3	3	.	.	3	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	3	.	.	.	.	.	.	19
PRa	*Salvia officinalis*	1	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
AF	*Cyclamen purpurascens*	.	.	1	+	.	.	.	2	1	1	1	2	2	2	.	.	2	.	.	2	1	1	2	1	1	2	+	3	2	.	.	65
FS	*Mycelis muralis*	.	.	.	.	.	.	3	.	.	.	2	2	.	1	1	.	2	.	.	.	.	.	+	.	.	.	2	3	3	3	1	39
FS	*Galeobdolon flavidum*	.	.	.	.	.	.	+	.	.	1	.	.	2	3	1	.	.	.	.	.	.	.	.	.	.	.	2	3	3	.	.	26
	Vascular plants																																
AT	*Asplenium trichomanes*	2	4	.	2	3	1	.	3	3	1	3	2	4	2	2	2	3	2	3	3	3	2	3	3	3	3	.	3	4	4	4	90
AT	*Asplenium ruta-muraria*	.	.	.	.	.	1	.	3	2	.	.	.	2	3	.	2	3	3	4	3	.	+	3	3	1	3	.	.	2	2	.	55
AT	*Ceterach officinarum*	2	3	.	.	4	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	3	+	+	1	.	2	35
Qp	*Arabis turrita*	2	1	.	.	.	.	.	.	.	.	.	1	2	1	.	.	.	.	.	.	.	.	1	2	1	.	.	2	2	.	1	35
Ss	*Satureja montana* subsp. *variegata*	3	4	3	.	+	2	.	1	.	.	.	.	.	.	.	.	.	.	.	2	3	.	2	.	2	2	.	.	.	.	.	35
PPc	*Athamanta turbith*	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	3	+	.	1	1	1	3	.	2	.	.	1	29
CrP	*Cymbalaria muralis*	.	.	.	.	.	.	2	.	.	.	2	2	3	.	.	.	3	.	.	.	.	.	.	.	.	.	2	.	2	.	3	26
Qp	*Fraxinus ornus*	.	3	.	3	4	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	1	.	1	.	+	.	.	.	.	.	.	26
GS	*Anthericum ramosum*	.	.	1	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	1	1	2	.	.	.	.	.	23

On-line Supplement Tab. 4. – continued

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	%
		SaCS						SaCM																									
Qp	*Ostrya carpinifolia*	2	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	2	.	+	.	.	.	.	.	23
FB	*Bromus erectus* agg.	2	1	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	.	.	.	.	.	.	.	19
Bv	*Rhamnus rupestris*	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	1	1	.	.	.	.	.	.	.	19
PPc	*Allium saxatile* subsp. *tergestinum*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	2	2	1	.	1	.	3	.	.	.	.	.	19
Cf	*Moehringia muscosa*	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	1	.	3	.	.	.	16
ES	*Sesleria juncifolia*	.	.	.	.	.	.	4	.	.	.	.	.	+	.	.	3	.	.	.	.	.	.	.	.	.	.	.	1	.	3	.	16
FB	*Carex humilis*	.	.	1	2	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	16
GS	*Thalictrum minus*	1	2	.	.	.	.	4	.	.	.	.	.	+	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
KC	*Sedum album*	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	+	3	.	.	.	3	.	.	.	.	+	16
MA	*Senecio fuchsii*	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	+	.	16
Qp	*Euonymus verrucosus*	.	.	.	.	.	.	.	+	.	+	.	2	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
VP	*Hieracium murorum*	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	3	2	.	.	2	.	.	.	+	.	.	.	.	.	16
VP	*Valeriana tripteris*	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	3	2	1	.	.	.	.	.	.	.	.	3	.	.	.	16
PP	*Adenostyles glabra*	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	+	2	.	.	.	.	.	.	.	.	.	.	.	1	.	13
Qp	*Digitalis laevigata*	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	+	+	.	.	.	.	.	13
QF	*Galium sylvaticum*	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	.	1	.	.	.	13
VP	*Laserpitium krapfii*	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	13
AT	*Scrophularia laciniata*	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	10
Cf	*Pseudofumaria alba*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	.	2	.	10
EP	*Buphthalmum salicifolium*	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	10
TA	*Geranium robertianum*	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	2	.	.	10
PRa	*Juniperus oxycedrus*	2	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	10
Qp	*Mercurialis ovata*	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	10
Tr	*Peltaria alliacea*	.	.	.	.	.	.	.	.	.	+	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	10
AT	*Polypodium vulgare agg.*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	3	6

On-line Supplement Tab. 4. – continued

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	%
		SaCS						SaCM																									
CF	*Cystopteris fragilis*	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	6
PPc	*Campanula pyramidalis*	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	6
Pc1	*Kernera saxatilis*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Co	*Viola alba* subsp. *scotophylla*	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
ES	*Ranunculus carinthiacus*	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
EP	*Calamagrostis varia*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	6
FB	*Allium carinatum* subsp. *pulchellum*	.	1	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
FB	*Dianthus monspessulanus*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	3	.	.	.	.	.	.	6
FB	*Teucrium montanum*	3	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
LPs	*Rosa dumalis*	.	.	.	.	.	.	.	+	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
	Rubus sp.	.	.	.	1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Qp	*Melittis melissophyllum*	.	.	1	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Qp	*Sorbus aria*	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	6
QF	*Carex digitata*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	6
QF	*Poa nemoralis*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	2	.	.	6
Ss	*Galium corrudifolium*	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Tr	*Senecio rupestris*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	6
TG	*Vincetoxicum hirundinaria*	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
	Carduus tenuiflorus	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	6
	Bryophytes																																
Cr	*Plasteurhynchium striatulum*	.	.	3	3	4	.	3	3	1	2	3	4	3	3	3	3	.	.	.	4	4	4	.	1	.	4	3	3	3	3	1	74
Cr	*Tortella tortuosa*	.	.	3	3	4	3	.	3	3	1	.	1	.	3	1	3	.	3	2	3	3	3	3	3	3	3	.	.	.	3	3	71
Cr	*Neckera crispa*	.	.	.	.	3	.	4	3	.	3	4	.	.	4	.	3	3	.	.	1	4	7	4	4	5	5	5	5	4	5	3	65
Cr	*Anomodon viticulosus*	.	.	.	.	4	3	.	3	3	3	5	4	4	.	.	.	.	.	.	3	3	4	3	.	3	4	3	5	5	4	6	61
Cr	*Ctenidium molluscum*	.	.	4	4	4	.	.	.	.	1	3	.	.	4	2	3	2	3	.	4	4	3	3	2	5	.	.	3	.	3	1	61

On-line Supplement Tab. 4. – continued

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	%
		SaCS						SaCM																									
Cr	*Schistidium* sp.	3	.	.	.	.	3	.	1	3	2	3	.	3	1	3	3	.	3	3	3	3	.	3	.	3	.	2	.	2	.	3	61
Cr	*Homalothecium philippeanum*	.	3	.	4	.	.	3	.	.	3	3	.	3	4	3	3	.	.	.	4	.	.	3	4	4	4	.	.	.	.	3	48
Cr	*Neckera complanata*	.	.	.	1	.	.	1	1	.	.	.	.	.	.	.	3	2	.	.	.	3	.	3	3	3	3	3	3	3	1	3	48
Cr	*Porella platyphylla*	.	.	3	3	.	.	3	2	1	1	.	3	3	.	.	.	.	.	.	3	.	.	.	.	.	.	3	3	3	3	3	45
Cr	*Radula complanata*	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	3	3	.	3	3	3	1	1	.	1	.	32
Cr	*Fissidens dubius*	.	.	3	1	3	.	.	.	.	1	.	.	.	3	1	.	.	2	3	.	2	.	.	.	.	.	.	.	.	.	.	29
Cr	*Orthotrichum cupulatum*	.	.	.	.	.	.	3	.	.	.	3	3	3	.	3	.	.	.	.	.	.	.	.	.	3	3	.	.	.	3	1	29
Cr	*Encalypta streptocarpa*	.	.	.	.	3	3	.	.	.	.	.	.	.	.	2	.	2	.	.	.	2	.	.	2	1	.	.	.	3	.	.	26
Cr	*Hypnum cupressiforme* var. *cupressiforme*	.	3	.	3	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	3	3	.	1	1	.	.	.	26
Cr	*Tortella nitida*	3	3	.	.	3	.	3	.	.	3	3	3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
Cr	*Bryum* sp.	.	.	.	.	3	.	.	.	.	.	1	.	.	.	2	3	.	.	.	3	2	.	.	2	.	.	.	.	.	.	.	23
Cr	*Weissia* sp.	3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	3	.	2	.	.	.	.	.	.	23
Cr	*Syntrichia ruralis* var. *ruralis*	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	3	1	.	.	3	3	19
Cr	*Cololejeunea calcarea*	.	.	3	3	3	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	16
Cr	*Leucodon sciuroides*	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	3	3	.	.	.	3	.	.	.	3	.	.	16
Cr	*Neckera pennata*	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	5	.	.	.	.	10
Cr	*Ortotrichum anomalum*	1	.	.	3	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
Cr	*Brachythecium tommasinii*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	6
Cr	*Pseudoleskeela catenulata*	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	6
Cr	*Scorpiurum circinatum*	.	.	.	3	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Cr	*Tortella tortuosa* var. *fragillifolia*	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	6

SaCS-*Seslerio autumnalis-Campanuletum* var. *Salvia officinalis*; **SaCM**-*Seslerio autumnalis-Campanuletum* var. *Mycelis muralis*.

On-line Supplement 1 – Phytosociological and site parameters of relevés in On-line Supplement Tabs. 2–4 (rel. no.; field no.; elevation, exposition, inclination; coverage (%): S – stoniness, C – herb layer, D – moss layer, plot area; N_{tr} – number of vascular plants; N_{cry} – number of bryophytes and lichenicolous fungi; light conditions on the sampling plot: o – open site, ss – semi shaded, fs – fully shaded by the tree canopy

On-line Supplement Table 2. *Seslerio juncifoliae-Campanuletum tommasinianae*

1 20110707/21; 1106 m, SSE, 90°; S-70, C-30, D-1, 10 m^2; N_{tr}-15, N_{cry}-8; ss. 2 20110920/08; 815 m, SSE, 85°; S-70, C-30, D-5, 20 m^2; N_{tr}-11, N_{cry}-8; o. 3 20110920/09; 760 m, NE, 85°; S-80, C-20, D-10, 20 m^2; N_{tr}-8, N_{cry}-13; o. 4 20110707/15; 1208 m, ENE, 85°; S-50, C-50, D-1, 4 m^2; N_{tr}-14, N_{cry}-3; o. 5 20110707/16; 1187 m, ENE, 80°; S-60, C-40, D-1, 20 m^2; N_{tr}-15, N_{cry}-8; o. 6 20110707/19; 1120 m, ESE, 85°; S-60, C-35, D-5, 16 m^2; N_{tr}-19, N_{cry}-7; ss. 7 20110707/14; 1216 m, SSE, 85°; S-70, C-30, 9 m^2; N_{tr}-11; o. 8 20110707/20; 1116 m, ESE, 85°; S-70, C-30, D-1, 16 m^2; N_{tr}-15, N_{cry}-4; o. 9 20110707/22; 1100 m, E, 90°; S-77, C-20, D-5, 9 m^2; N_{tr}-14; ss. 10 20110810/10; 1232 m, SSE, 90°; S-70, C-30, D-1, 16 m^2; N_{tr}-19, N_{cry}-8; ss. 11 20110810/07; 1234 m, SSE, 90°; S-70, C-30, D-1, 6 m^2; N_{tr}-15, N_{cry}-4; o. 12 20110814/12; 1274 m, SSW, 90°; S-80, C-20, D-10, 20 m^2; N_{tr}-15, N_{cry}-2; o. 13 20110817/10; 1236 m, WSW, 90°; S-70, C-30, D-1, 10 m^2; N_{tr}-11, N_{cry}-2; ss. 14 20110817/19; 1220 m, WSW, 90°; S-80, C-20, D-1, 18 m^2; N_{tr}-13, N_{cry}-2; o. 15 20110817/21; 1238 m, SW, 90°; S-80, C-20, D-1, 12 m^2; N_{tr}-8, N_{cry}-5; o. 16 20110814/11; 1277 m, S, 90°; S-80, C-20, D-1, 20 m^2; N_{tr}-10, N_{cry}-1; o. 17 20110817/14; 1226 m, WSW, 85°; S-80, C-20, D-1, 16 m^2; N_{tr}-7, N_{cry}-2; o. 18 20110817/11; 1231 m, SW, 90°; S-80, C-20, D-1, 16 m^2; N_{tr}-10, N_{cry}-5; o. 19 20110814/09; 1291 m, SE, 90°; S-70, C-30, D-1, 8 m^2; N_{tr}-10, N_{cry}-1; o. 20 20110817/03; 1188 m, SE, 90°; S-70, C-30, D-1, 9 m^2; N_{tr}-10, N_{cry}-5; o. 21 20110814/05; 1296 m, SE, 90°; S-85, C-15, D-1, 16 m^2; N_{tr}-6, N_{cry}-3; o. 22 20110814/10; 1287 m, ESE, 90°; S-90, C-10, D-1, 8 m^2; N_{tr}-10, N_{cry}-3; o. 23 201100814/06; 1295 m, ENE, 90°; S-70, C-30, D-1, 8 m^2; N_{tr}-9, N_{cry}-4; o. 24 20110814/08; 1291 m, SE, 90°; S-75, C-25, D-1, 10 m^2; N_{tr}-9, N_{cry}-2; o. 25 20110817/17; 1237 m, ESE, 85°; S-80, C-20, D-1, 10 m^2; N_{tr}-6, N_{cry}-1; o. 26 20110817/18; 1235 m, ESE, 90°; S-70, C-30, D-1, 20 m^2; N_{tr}-7, N_{cry}-2; o. 27 20110814/07; 1286 m, SSE, 90°; S-70, C-30, D-1, 20 m^2; N_{tr}-8, N_{cry}-2; o. 28 20110817/02; 1192 m, ESE, 90°; S-80, C-20, D-1, 15 m^2; N_{tr}-9, N_{cry}-4; o. 29 20110817/04; 1189 m, WSW, 90°; S-60, C-40, D-1, 10 m^2; N_{tr}-6, N_{cry}-6; o. 30 20110817/08; 1254 m, NW, 90°; S-80, C-20, D-1, 9 m^2; N_{tr}-13, N_{cry}-3; o. 31 20110817/09; 1254 m, W, 80°; S-70, C-30, D-1, 4 m^2; N_{tr}-7, N_{cry}-2; o. 32 20110817/01; 1197 m, ESE, 90°; S-70, C-30, D-1, 6 m^2; N_{tr}-6, N_{cry}-1; o. 33 20110817/05; 1188 m, SSE, 120°; S-80, C-20, D-1, 16 m^2; N_{tr}-8, N_{cry}-82; o. 34 20110817/20; 1194 m, SW, 90°; S-80, C-20, D-1, 20 m^2; N_{tr}-9; o. 35 20110817/21; 1174 m, SSW, 90°; S-70, C-30, D-1, 8 m^2; N_{tr}-9; o. 36 20110813/05; 1275 m, ENE, 90°; S-65, C-35, D-1, 10 m^2; N_{tr}-13, N_{cry}-5; o. 37 20110813/10; 1316 m, E, 90°; S-80, C-20, D-1, 8 m^2; N_{tr}-11, N_{cry}-2; o. 38 20110823/06; 1278 m, SSW, 90°; S-80, C-20, D-1, 10 m^2; N_{tr}-11, N_{cry}-4; o. 39 20110814/04; 1256 m, NE, 90°; S-60, C-35, D-5, 10 m^2; N_{tr}-10, N_{cry}-5; o. 40 20110820/10; 1140 m, SE, 90°; S-80, C-20, D-1, 16 m^2; N_{tr}-7, N_{cry}-4; o. 41 20110813/06; 1271 m, SSW, 90°; S-80, C-20, D-1, 12 m^2; N_{tr}-10, N_{cry}-7; o. 42 20110813/07; 1270 m, NNE, 90°; S-70, C-20, D-10, 9 m^2; N_{tr}-10, N_{cry}-7; o. 43 20110813/09; 1300 m, NW, 90°; S-70, C-30, D-1, 20 m^2; N_{tr}-16, N_{cry}-6; o. 44 20110813/08; 1300 m, E, 85°; S-60, C-40, D-5, 5 m^2; N_{tr}-19, N_{cry}-8; o. 45 20110810/05; 1235 m, SE, 85°; S-50, C-40, D-10, 10

m^2; N_{tr}-17, N_{cry}-10; o. 46 20110823/02; 1301 m, SE, 85°; S-70, C-30, D-5, 12 m^2; N_{tr}-13, N_{cry}-9; o. 47 20110817/15; 1266 m, NE, 90°; S-60, C-30, D-10, 18 m^2; N_{tr}-8, N_{cry}-6; ss. 48 20110817/07; 1239 m, S, 90°; S-70, C-25, D-5, 9 m^2; N_{tr}-9, N_{cry}-5; ss. 49 20110817/13; 1226 m, NE, 90°; S-90, C-10, D-1, 20 m^2; N_{tr}-7, N_{cry}-5; o. 50 20110810/06; 1228 m, ESE, 90°; S-80, C-15, D-5, 20 m^2; N_{tr}-11, N_{cry}-5; o. 51 20110707/17; 1162 m, NE, 90°; S-75, C-20, D-5, 7 m^2; N_{tr}-10, N_{cry}-6; o. 52 20110814/03; 1280 m, WNW, 90°; S-70, C-20, D-10, 12 m^2; N_{tr}-8, N_{cry}-87; fs. 53 20110708/04; 965 m, SE, 90°; S-70, C-30, D-1, 16 m^2; N_{tr}-9, N_{cry}-8; o. 54 20110813/11; 1321 m, E, 80°; S-75, C-25, D-10, 10 m^2; N_{tr}-10, N_{cry}-9; fs. 55 20110813/12; 1324 m, ENE, 90°; S-60, C-30, D-20, 10 m^2; N_{tr}-9, N_{cry}-8; ss. 56 20110823/03; 1298 m, SSW, 90°; S-65, C-35, D-1, 6 m^2; N_{tr}-9, N_{cry}-4; o. 57 20110813/02; 1260 m, NW, 80°; S-30, C-40, D-40, 16 m^2; N_{tr}-10, N_{cry}-10; o. 58 20110813/03; 1255 m, NNE, 85°; S-60, C-30, D-10, 12 m^2; N_{tr}-16, N_{cry}-10; ss.

On-line Supplement Table 3. *Cystopteri fragilis-Campanuletum tommasinianae*

1 20110820/06; 1116 m, NNW, 90°; S-40, C-30, D-60, 10 m^2; N_{tr}-11, N_{cry}-12; fs. 2 20110820/11; 1095 m, ENE, 85°; S-30, C-30, D-70, 16 m^2; N_{tr}-13, N_{cry}-16; fs. 3 20110823/05; 1297 m, NE, 90°; S-30, C-40, D-60, 12 m^2; N_{tr}-11, N_{cry}-17; fs. 4 20110831/07; 1116 m, WNW, 70°; S-20, C-30, D-70, 10 m^2; N_{tr}-10, N_{cry}-13; fs. 5 20110820/15; 1168 m, SSW, 85°; S-20, C-30, D-70, 16 m^2; N_{tr}-4, N_{cry}-17; fs. 6 20110820/12; 1110 m, SW, 85°; S-20, C-40, D-70, 12 m^2; N_{tr}-14, N_{cry}-6; fs. 7 20110814/13; 1175 m, E, 90°; S-50, C-10, D-50, 20 m^2; N_{tr}-12, N_{cry}-11; fs. 8 20110820/01; 1138 m, ENE, 90°; S-40, C-20, D-40, 20 m^2; N_{tr}-10, N_{cry}-10; fs. 20110820/06; 1116 m, NNW, 90°; S-40, C-30, D-60, 10 m^2; N_{tr}-11, N_{cry}-12; fs. 9 20110823/01; 1335 m, SSW, 80°; S-40, C-30, D-40, 6 m^2; N_{tr}-11, N_{cry}-9; fs. 10 20110820/03; 1107 m, NE, 90°; S-60, C-20, D-40, 12 m^2; N_{tr}-5, N_{cry}-11; fs. 11 20110820/04; 1102 m, SW, 85°; S-50, C-30, D-30, 12 m^2; N_{tr}-8, N_{cry}-10; fs. 12 20110820/02; 1130 m, ENE, 90°; S-40, C-30, D-40, 15 m^2; N_{tr}-8, N_{cry}-11; fs. 13 20110813/01; 1310 m, NE, 90°; S-50, C-20, D-30, 12 m^2; N_{tr}-8, N_{cry}-11; fs. 14 20110820/04; 1240 m, NE, 90°; S-60, C-10, D-30, 8 m^2; N_{tr}-11, N_{cry}-11; ss. 15 20110820/08; 1143 m, SSW, 90°; S-50, C-25, D-30, 10 m^2; N_{tr}-9, N_{cry}-10; fs. 16 20110810/01; 1240 m, NNE, 90°; S-60, C-10, D-30, 12 m^2; N_{tr}-8, N_{cry}-7; fs. 17 20110814/04; 1375 m, SW, 85°; S-30, C-30, D-40, 8 m^2; N_{tr}-11, N_{cry}-11; fs. 18 20110820/13; 1120 m, SSW, 85°; S-70, C-30, D-30, 20 m^2; N_{tr}-14, N_{cry}-10; ss. 19 20110810/09; 1242 m, SE, 90°; S-60, C-20, D-30, 20 m^2; N_{tr}-13, N_{cry}-9; fs. 20 20110823/04; 1292 m, NNE, 90°; S-40, C-20, D-30, 10 m^2; N_{tr}-10, N_{cry}-6; fs. 21 20110820/05; 1126 m, W, 90°; S-60, C-30, D-40, 16 m^2; N_{tr}-15, N_{cry}-8; fs. 22 20110820/07; 1140 m, ENE, 90°; S-60, C-20, D-30, 16 m^2; N_{tr}-10, N_{cry}-13; ss. 23 20110820/09; 1150 m, NNW, 90°; S-50, C-30, D-40, 16 m^2; N_{tr}-16, N_{cry}-9; fs.

On-line Supplement Table 4. *Seslerio autumnalis-Campanuletum tommasinianae*

1 20110831/05; 396 m, SE, 90°; S-70, C-30, D-1, 18 m^2; N_{tr}-19, N_{cry}-6; ss. **2** 20110831/06; 400 m, SSE, 90°; S-60, C-40, D-1, 10 m^2; N_{tr}-19, N_{cry}-7; ss. **3** 20110831/02; 420 m, SE, 85°; S-40, C-50, D-30, 6 m^2; N_{tr}-19, N_{cry}-7; ss. **4** 20110831/04; 404 m, S, 80°; S-40, C-40, D-40, 12 m^2; N_{tr}-12, N_{cry}-14; fs. **5** 20110831/01; 406 m, NW, 85°; S-50, C-30, D-40, 16 m^2; N_{tr}-12, N_{cry}-14; fs. **6** 20110831/03; 415 m, SW, 90°; S-40, C-30, D-40, 8 m^2; N_{tr}-13, N_{cry}-8; fs. **7** 20110810/02; 1250 m, SSW, 85°; S-50, C-25, D-25, 12 m^2; N_{tr}-11, N_{cry}-9; ss. **8** 20110708/01; 960 m, SE, 90°; S-80, C-20, D-10, 16 m^2; N_{tr}-8, N_{cry}-12; fs. **9** 20110708/06; 1033 m, ESE, 90°; S-65, C-30, D-5, 16 m^2; N_{tr}-7, N_{cry}-8; fs. 10 20110708/02; 960 m, E, 90°; S-80, C-10, D-20, 16 m^2; N_{tr}-10, N_{cry}-12; fs. **11** 20110708/07; 1026 m, ESE, 90°; S-70, C-20, D-20, 16

m^2; N_{tr}-7, N_{cry}-11; fs. **12** 20110708/05; 1005 m, SSE, 85°; S-50, C-30, D-30, 16 m^2; N_{tr}-9, N_{cry}-8; fs. **13** 20110708/09; 1096 m, ENE, 90°; S-70, C-20, D-20, 16 m^2; N_{tr}-16, N_{cry}-9; fs. **14** 20110707/18; 1146 m, NE, 85°; S-60, C-20, D-20, 6 m^2; N_{tr}-16, N_{cry}-10; fs. **15** 20110708/03; 972 m, ESE, 90°; S-80, C-10, D-10, 16 m^2; N_{tr}-5, N_{cry}-12; fs. **16** 20110810/03; 1244 m, E, 90°; S-60, C-20, D-20, 8 m^2; N_{tr}-6, N_{cry}-9; ss. **17** 20110820/14; 1144 m, SSW, 90°; S-60, C-30, D-10, 9 m^2; N_{tr}-8, N_{cry}-6; fs. **18** 20110814/01; 1355 m, E, 80°; S-60, C-30, D-10, 9 m^2; N_{tr}-11, N_{cry}-6; ss. 1**9** 20110814/02; 1355 m, E, 90°; S-60, C-40, D-1, 4 m^2; N_{tr}-9, N_{cry}-5; o. **20** 20110920/06; 828 m, ESE, 85°; S-60, C-30, D-30, 16 m^2; N_{tr}-10, N_{cry}-16; ss. **21** 20110920/04; 857 m, ENE, 90°; S-60, C-20, D-20, 20 m^2; N_{tr}-12, N_{cry}-15; fs. **22** 20110920/07; 827 m, NE, 90°; S-40, C-30, D-40, 20 m^2; N_{tr}-8, N_{cry}-8; fs. **23** 20110920/02; 845 m, E, 90°; S-60, C-20, D-10, 16 m^2; N_{tr}-16, N_{cry}-11; ss. **24** 20110920/03; 854 m, NE, 90°; S-60, C-30, D-30, 15 m^2; N_{tr}-11, N_{cry}-16; fs. **25** 20110920/01; 845 m, NNE, 90°; S-60, C-30, D-30, 8 m^2; N_{tr}-11, N_{cry}-16; fs. **26** 20110920/05; 841 m, ENE, 90°; S-60, C-20, D-30, 12 m^2; N_{tr}-13, N_{cry}-15; ss. **27** 20110707/23; 1167 m, E, 90°; S-80, C-10, D-20, 12 m^2; N_{tr}-8, N_{cry}-12; fs. **28** 20110708/10; 1055 m, E, 85°; S-40, C-30, D-40, 16 m^2; N_{tr}-23, N_{cry}-11; fs. **29** 20110808/08; 1033 m, ESE, 90°; S-50, C-40, D-20, 16 m^2; N_{tr}-11, N_{cry}-11; fs. **30** 20110810/08; 1236 m, E, 85°; S-40, C-40, D-30, 9 m^2; N_{tr}-11, N_{cry}-13; fs. **31** 20110708/11; 1036 m, ESE, 90°; S-50, C-20, D-40, 16 m^2; N_{tr}-11, N_{cry}-13; fs.

On-line Supplement 2 – taxa occurring once in On-line Supplement Tables 2–4

On-line Supplement Table 2 – 1 *Acer obtusatum* 1, *Euonymus verrucosus* +, *Pyrus piraster* +; 2 *Fraxinus ornus* 1, *Tortella tortuosa* var. *brevifolia* 3; 3 *Tortella tortuosa* var. *fragillifolia* 3; 4 *Carex digitata* +, *Lilium bulbiferum* 1, *Fissidens taxifolius* subsp. *taxifolius* 2; 5 *Euphorbia* sp. +, *Lotus corniculatus* 1, *Rhamnus fallax* +, *Tortulla muralis* var. *muralis* 2; 6 *Sedum sexangulare* 2, *Tortella tortuosa* var. *fragillifolia* 1; 10 *Laburnum alpinum* 1, *Veratrum album* 2; 11 *Melica ciliata* 1; 12 *Dorycnium germanicum* +; 13 *Festuca* sp. +; 20 *Juniperus communis* subsp. *communis* +; 31 *Genista sylvestris* 2; 35 *Daphne alpina* subsp. *scopoliana* 1; 36 *Cuscuta epithymum* 1; 37 *Potentilla caulescens* 1; 40 *Grimmia pulvinata* 2; 44 *Campylium elodes* 1; 49 *Neckera complanata* 1; 51 *Epipactis atrorubens* 1, *Erigeron polymorphus* 1; 52 *Poa nemoralis* 1, *Jungermannia subulata* 1; 53 *Bromus erectus* agg. 1, *Clematis vitalba* 1, *Ortotrichum* sp. 2, *Eurhynchium flotowianum* 2; 58 *Adenostyles glabra* +, *Asplenium viride* 1, *Cystopteris fragilis* 1, *Distichium capillaceum* 3.

On-line Supplement Table 3 – 2 *Mnium stellare* 3; 3 *Aconitum variegatum* 2, *Sedum hispanicum* 3, *Apometzgeria pubescens* 4; *Weissia* sp. 1, *Fraxinus ornus* 1, *Allium carinatum* subsp. *pulchellum* +, *Arabis turitta* +, *Asparagus acutifolius* 1, *Coronilla emerus* subsp. *emeroides* 1, *Hedera helix* 3, *Tamus communis* 1, *Eucladium verticillatum* 3, *Eurhynchium striatum* 3, *Plagiomnium cuspidatum* 4, *P. undulatum* 4, *Scorpiurum circinatum* 3, *Thamnobryum alopecurum* 4, *Thuidium tamariscinum* 4; 5 *Orthotrichum anomalum* 3; 6 *Carex digitata* 1, *Aruncus dioicus* +, *Calamintha grandiflora* 2; 7 *Tortella nitida* 3, *Anthriscus fumarioides* 2; 9 *Orthotrichum cupulatum* 1; 10 *Frullania dilatata* 1; 13 *Senecio rupestris* 2; 14 *Thalictrum minus* 2; 15 *Rosa dumalis* +, *Brachythecium starkei* 1; 17 *Scapania* sp. 2, *Homalothecium lutescens* 2; 18 *Hypnum cupressiforme* var. *cupressiforme* 1; 19 *Veratrum album* 1, *Orthothecium intricatum* 3; 20 *Saxifraga paniculata* 2, *Hieracium* sp. 1; 21 *Fagus sylvatica* +, *Eurhynchium schleicheri* 1; 22 *Metzgeria conjugata* 2; 23 *Polystichum aculeatum* 1, *Thalictrum aquilegiifolium* 1.

On-line Supplement Table 4 – 1 *Parietaria judaica* 1, *Rubus ulmifolius* 1; 2 *Campanula fenestrellata* subsp. *istriaca* 1, *Crepis chondrylloides* 1, *Helichrysum italicum* 1, *Syntrichia montana* 3; 3 *Clematis vitalba* 1, *Aethionema saxatile* 1, *Centaurea rupestris* +, *Cotinus coggygria* 4, *Peucedanum cervaria* +, *Rubus* sp. 1; 4 *Quercus pubescens* +, *Rosa arvensis* +; 5 *Pyrus piraster* +; 6 *Lonicera etrusca* 2; 7 *Silene saxifraga* subsp. *hayekiana* 2; 8 *Frullania dilatata* 1; 9 *Geranium macrorrhyzum* 2, *Eurhynchium flotowianum* 3; 12 *Campanula persicifolia* 2; 13 *Fagus sylvatica* +, *Cystopteris montana* 1; 14 *Thalictrum aquilegiifolium* +, *Galium mollugo* 2, *Cnidium silaifolium* 1, *Koeleria pyramidata* 1; 15 *Preissia quadrata* 2; 17 *Pedinophyllum interruptum* 2, *Campanula justiniana* 2, *Orthothecium intricatum* 2; 18 *Hieracium bupleuroides* 2, *Leontodon hispidus* 1, *Linum catharticum* 3; 19 *Asplenium viride* 2, *Rosa pendulina* 2; 20 *Micromeria thymifolia* 3, *Allium ericetorum* 2; 21 *Weissia controversa* var. *controversa* 2, *Barbula* sp. 2; 22 *Salvia glutinosa* +; 23 *Rosa* sp. +, *Hypnum jutlandicum* 3; 24 *Brachythecium salebrosum* 2; 25 *Hypnum cupressiforme* var. *lacunosum* 2; 26 *Hypnum andoi* 3, *Pterigynandrum filiforme* 3, *Scapania aequiloba* 3, *Weissia brachycarpa* 3; 28 *Veratrum album* 1, *Arabis hirsuta* 1, *Euphorbia carniolica* 1, *Sedum maximum* 1, *Tanacetum corymbosum* 1; 29 *Anomodon attenuatus* 3, *Acer obtusatum* 1, *Hypericum montanum* (?) 1; 30 *Clematis alpina* 2; 31 *Saxifraga rotundifolia* 4, *Cirriphyllum crassinervium* 3, *Calamintha grandiflora* 1.