

Electronic Appendix 1. Sample relevés of the associations. Species covers are given in percentages. Species are ranked according to their frequency in the whole table. Holotypes are marked by asterisk. Additional data to the relevés is listed in a separate table.

Table number	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	32*	33	34						
Relevé number	201006	201017	201035	201043	201345	201395	201413	201433	201452	201463	201703	201709	201711	201714	201529	201571	201585	201597	201622*	201776	201780	201798	201800	201287	201290	201298	201301	201302	201307	201308	201311*	201314	201331							
Cluster	A	A	A	A	B	B	A	B	A	D	D	D	D	E	E	E	E	E	E	F	F	F	F	F	F	F	F	F	F	F	F									
Association	<i>Euphorbia pannonicæ-Brachypodiumetum</i> Horváth 2009																				<i>Sanguisorba minoris-Brometum erecti</i> Bauš Illyés et Botts-Dukát 2009																			
<i>Polygonal majoris-Brachypodiumetum</i> Wagner 1941																					<i>Trifolio medi-Brachypodium pinnati</i> Bauer, Illyés et Botts-Dukát 2009																			
<i>Festuca valesiaca</i> agg. (inc. <i>Festuca rupestris</i>)	8	20	15	10	80	30	5	5	8	8	2	13	13	13	41		15	8	10	5	5	5	5	3	10	0.3	0.4	1	10	0.8	15	4								
<i>Filipendula vulgaris</i>	3	3	3	3	12	30	1	4	5	3	2	2	2	1					1	4	0.3	3	25	0.2	85	20	55	60	2	0.5										
<i>Brachypodium pinnatum</i>	80	60	25	55	95	75	65	80	45	68	68	68	68	13					25	2	45	0.2	8	20	55	60	2	0.5												
<i>Trifolium montanum</i>	1	1	1	0.1	1	1				2	2	2	3		0.1		0.1		0.3	1	2	10	0.1	10	1	0.5	0.2	6												
<i>Teucrium chamaedrys</i>	2	3	1	1	15	20	1	2		2	3	2	3	2	0.1	0.2	10	3	2	1	2	0.3	2	0.5	0.2	0.2														
<i>Gaultheria verreauxii</i>	4	4	2	0.5	1	1	4	2	2	2	3	3	3	0.1	0.1	0.1	1		0.3	0.1	1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1									
<i>Collomia collomia</i>	2	2	10	30	4									4	0.2	5	0.1		0.7		0.7	2	0.1	8	2	3														
<i>Erigeron campestre</i>	1	5	0.1	2										0.5	0.1	0.1	0.1	0.1	1	0.1		3	0.5	0.1	0.2	0.1	0.1													
<i>Asperula cynanchica</i>	0.1																	0.1			0.1			0.1	0.2	0.1	0.7													
<i>Centauraea scabiosoides</i> agg.	1	4	5	1	2.5	1	1	3	1.5	2	3	3	2	2	2	3	4	0.2	0.1																					
<i>Euphorbia cyparissias</i>																			0.1	0.1	0.1	0.1	3	0.1	0.4	0.2	0.1	0.1	0.1	0.5										
<i>Agrimonia eupatoria</i>	2													7					0.2	0.1	0.1	0.1			0.1	0.2	0.5													
<i>Fragaria viridis</i>	2													1					0.2	0.1	0.1	0.1			0.1	0.3	0.1	0.1	0.1											
<i>Sanguisorba minor</i>														0.1																										
<i>Dianthus ponticus</i>	1	1	0.1											2	2	2	2		0.5	3	0.2	0.1																		
<i>Medicago falcata</i>	6	4	3	0.1	1	1	3							2	2	2	2		0.5	3	0.2	0.1																		
<i>Poa angustifolia</i>	1	2	2	1	0.1	1	2							3	1				2	2	2	1																		
<i>Seseli annuum</i>	1	1	0.4	1	0.1	1	2							2	2	2	2		0.5	3	0.2	0.1																		
<i>Reseda luteola</i>	15	4	6	2										4	3	2	2		20	25	70	40	60	60	70	50	80													
<i>Bromus erectus</i>	3													1	65				20	25	70	40	60	60	70	50	80													
<i>Lathyrus corniculatus</i>	0.5	0.5												1	1				1	1	0.2																			
<i>Pimpinella saxifraga</i> agg.	0.5	0.5	0.1	0.1										1	2	2	2	2	0.2																					
<i>Thesium linophyllum</i>														0.1					1	0.1																				
<i>Cratzus monogynus</i>	1													2	1	3	2		2																					
<i>Hypéricum perforatum</i>														1					1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
<i>Plantago media</i>	1.5	0.1	0.5	0.5</td																																				

Table nr	Relevé nr	Date	Author	Relevé area (m ²)	Latitude (wgs84)	Longitude (wgs84)	Locality	Cluster
1	201006	2004.06.21	András Horváth	4	47°38'29.10"	18°39"23.45'	Máriahalom, Palkó-hegy	A
2	201017	2004.06.22	András Horváth	4	47°38'14.33"	18°41"42.49'	Máriahalom, Kis-domb	A
3	201035	2004.06.29	Klára Virágħ	4	47°06'19.92"	18°32"05.27'	Belsőbárán, E2-N2 hajlat	A
4	201043	2004.06.30	András Horváth	4	47°06'20.05"	18°31"22.34'	Belsőbárán, E3-N3 hajlat	A
5	201345	2000.05.02	Júlia Kállayné Szerényi	16	47°21'34.78"	18°55"41.38'	Érd, Kakukk-hegy	A
6	201395	2000.06.12	Júlia Kállayné Szerényi	16	47°24'48.27"	18°32"15.72'	Vértesboglár, Som-gödör	A
7	201413	2001.06.03	Klára Virágħ	4	47°32'13.35"	19°21"48.37'	Gödöllői-dombovidék	B
8	201433	2001.08.01	Klára Virágħ	4	47°32'13.35"	19°21"48.37'	Gödöllői-dombovidék	B
9	201452	2003.06.18	Eszter Illyés	4	46°21'46.23"	19°07"36.79'	Illancs	B
10	201463	1997.05.04	András Horváth	4	46°42'29.03"	18°49"39.54'	Bölcske, Lubik-gödör	A
11	201703	1993	András Schmotzner	4	47°55'51.00"	20°25"28.55'	Eger, Nagy-Eged	D
12	201709	1993	András Schmotzner	4	47°55'51.00"	20°25"28.55'	Eger, Nagy-Eged	D
13	201711	1993	András Schmotzner	4	48°04'33.74'	20°34"27.54'	Bükk fennsík, Nagy-Mező	D
14	201714	1993	András Schmotzner	4	48°04'33.74'	20°34"27.54'	Bükk fennsík, Nagy-Mező	D
15	201529	2004.06.02	János Csiky	16	46°11'23.34'	18°21"26.60'	Püspökszentlászló	E
16	201571	1998	Dragica Purger	4	46°06'07.02'	18°28"38.06'	Kékesd	E
17	201585	2006.06.06	Eszter Illyés	16	47°00"55.55'	17°43"14.77'	Nagyvázsony	E
18	201597	2006.06.06	Eszter Illyés	16	46°58"00.56'	17°43"04.06'	Barnag, Som-bokor	E
19	201622	2006.06.06	Eszter Illyés	16	47°01"04.56'	17°45"30.65'	Tótvázsony	E
20	201776	2005.06.05	Norbert Bauer	16	46°53"28.59'	17°38"58.56'	Monoszló, Tar-hegy	E
21	201780	2005.06.05	Norbert Bauer	16	46°58"46.42'	17°28"27.95'	Sáska, Csiplek-hegy	E
22	201798	2005.06.05	Norbert Bauer	16	47°06"32.95'	17°50"39.85'	Veszprém, Csatár-hegy	E
23	201799	2005.06.05	Norbert Bauer	16	47°06"32.97'	17°50"39.83'	Veszprém, Csatár-hegy	E
24	201830	2006.06.05	Norbert Bauer	4	47°13"58.00'	17°54"36.23'	Olaszfalu, Eperkés-hegy	E
25	201287	2005.06.05	Eszter Illyés	16	47°48"51.07'	20°12"10.20'	Vécs	F
26	201290	2005.06.05	Eszter Illyés	16	47°47"30.63'	19°57"54.94'	Gyöngyös, Sár-hegy	F
27	201298	2005.06.05	Eszter Illyés	16	48°00"23.21'	20°17"13.97'	Bátor	F
28	201301	2005.06.05	Eszter Illyés	16	47°56"16.87'	20°20"55.85'	Eger, Felnémet	F
29	201302	2005.06.05	Eszter Illyés	16	47°56"32.31'	20°21"07.56'	Eger, Felnémet	F
30	201307	2005.06.05	Eszter Illyés	16	48°07"51.56'	20°23"41.75'	Szilvásvárad	F
31	201308	2005.06.05	Eszter Illyés	16	48°09"02.35'	20°43"58.65'	Miskolc, Papod-Darvas	F
32	201311	2005.06.05	Eszter Illyés	16	48°31"07.20'	20°30"37.48'	Aggtelek, Magas-karszt	F
33	201314	2005.06.05	Eszter Illyés	16	48°31"15.97'	20°32"10.56'	Aggtelek, Magas-karszt	F
34	201331	2005.07.08	Tamás Rédei	16	47°54"33.24'	19°49"34.10'	Mátra, Tugár-rét	F