

Supplement S3. *Acer obtusati-Quercetum petraeae* ass. nov. hoc loco, holotypus: relevé 9 (A1 - upper tree layer, A2 - lower tree layer, B - shrub layer, C - herb layer).

Beilage S3. *Acer obtusati-Quercetum petraeae* ass. nov. hoc loco, Holotypus: Aufnahme 9 (A1 - obere Baumschicht, A2 - untere Baumschicht, B - Strauchschicht, C - Krautschicht).

Relevé number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Characteristic species of the association																		
<i>Quercus petraea</i> agg.	A1	4	4	5	4	3	5	5	3	3	3	3	3	3	3	3	4	3
	B	2	2		3		1	1	1	2	2	1			+			+
	C	3				1		+	1	3	1	1	1	+				+
<i>Carpinus orientalis</i>	A2	4	4	1	2	5	3	4	3	2	3	3	2	5	1	2		2
	B	1	2	1	1	4	2	4	1	1	1	1	2	4	1	2	+	+
<i>Carpinus betulus</i>	A2	1	+	+	r			1		2	2	4	3	1	+	4		1
	B	+	+			r	+	1	r	2	+		+		+	+		+
<i>Acer obtusatum</i>	A2	+	2	2				+	1	2			+	2	+	2		
	B	+	1	2				+		+	1			+	1			+
<i>Helleborus odorus</i>	C	+	+	r	+	+	+	+	r	+	+	+	+	+	+	+	+	+
<i>Cruciata glabra</i>	C	1	r	+	1	+	+	+	1	+	+	+	+	+	+	1	+	+
Quercetalia pubescentis																		
<i>Fraxinus ornus</i>	A2	+	1	1	+	1	+	1	1				+	1	+	2	2	
	B	1	1	2	1	1	+	1	1	1	1	1	1	2	1	2	1	2
<i>Sorbus torminalis</i>	A2									1	2		1					+
	B	+	+	2	+	+	2	1	+	1	1	+	+	1	+	+	+	+
<i>Quercus pubescens</i>	A2									1	2							1
	B									+								+
<i>Cornus mas</i>	B			2	2	1		1	1	2	2	+				+	2	2
<i>Euonymus verrucosus</i>	B									1								+
<i>Tamus communis</i>	C	2	+			r	+	+	+	+	1	+	+	+	+	+	+	+
<i>Festuca heterophylla</i>	C	1		2	1	+	2	1	r		1	1					+	2
<i>Potentilla micrantha</i>	C		+			+	1	1	r	+	+	+					+	+
<i>Lathyrus niger</i>	C	+	+	r	+	+	1	+	2	2								+
<i>Lathyrus venetus</i>	C					+	1	+					1	+				+
<i>Melilotis melissophyllum</i>	C	1								+	+							+
<i>Tanacetum corymbosum</i>	C	r	r			r	+			+	+							+
<i>Viola hirta</i> agg.	C		r	r	+	+	r			r								+
<i>Buglossoides purpurocerulea</i>	C						+	r	+	1								+
<i>Carex flacca</i> s.l.	C		+					+	2		+	1						+
<i>Veratrum nigrum</i>	C		r							+								+
<i>Clinopodium vulgare</i>	C		r	+														+
<i>Luzula forsteri</i>	C		+	+			+											+
<i>Calamintha sylvatica</i>	C		+															+
<i>Asparagus tenuifolius</i>	C	+					+		r									+
<i>Sesleria autumnalis</i>	C		r			3			4					2				+
<i>Campanula persicifolia</i>	C	r		r	+													+
<i>Platanthera chlorantha</i>	C						+			+	r							+
<i>Iris graminea</i>	C							+	r									+
<i>Betonica officinalis</i>	C		r							r								+
Quercus-Fagetea																		
<i>Acer campestre</i>	A2	+	+		+	1		+			1	1	+	1	+	+		+
	B	1	+	+	+	1	1	1	+	+	+	1	1	1	+	+	1	1
<i>Pyrus pyraeaster</i>	A2		1						1									+
	B	2	+	+	+	+	2	+	2		2							+
<i>Malus sylvestris</i>	B	1	r			r	1											+
<i>Rosa arvensis</i>	B	2	+	1		+	2	+	2	+	+	2	+	+	1	2	1	+
<i>Hedera helix</i>	B		+	+		+		2	+		2	r	1	r				+
<i>Corylus avellana</i>	B	1																r
<i>Rubus hirsutus</i>	B		r	r									1	r				+
<i>Glechoma hirtuta</i>	C				3		1	+	+	+				+	+	+	+	4
<i>Brachypodium sylvaticum</i>	C	+		1		+	1	1		+	1	1	1	1				+
<i>Melica uniflora</i>	C	2	+	+	1	r			2				2	+	2			+
<i>Dactylis glomerata</i> s.l.	C	r			1	r	1	r		+	+	+	+					+
<i>Agrostis reptans</i>	C	+	r	r				+	r	+	+							+
<i>Veronica chamaedrys</i>	C		+	r	1													+
<i>Galium schultesii</i>	C		+	r		r			+	2	1							+
<i>Geum urbanum</i>	C	1			1		+											1
<i>Fragaria moschata</i>	C					+	+	+	+		1		1					+
<i>Poa nemoralis</i>	C	+									r							1
<i>Hepatica nobilis</i>	C																	+
Carpinion, Erythronio-Carpinion																		
<i>Prunus avium</i>	A2		+							1						1		
	B	1	+		+	r	+	r	2	+	1	1	2	+			1	
<i>Tilia platyphyllos</i>	A1									1								
	B																	
<i>Primula vulgaris</i>	C	+			r	+	r	+	1	1	+			+	+	1	1	+
<i>Aposervis foetida</i>	C								+	1			1					1
<i>Cyclamen purpurascens</i>	C								1	r	+							+
<i>Ornithogalum pyrenaicum</i>	C	r				+							1					+
Fagetea																		
<i>Fagus sylvatica</i>	B		r															r
<i>Sanicula europaea</i>	C	1				+	r		+	1	+	+	2	+	+			+
<i>Symphytum tuberosum</i>	C	1					+	r	+	+	+							+
<i>Aremonia agrimonoides</i>	C	1	+		1	+		1										+
<i>Stellaria holostea</i>	C	1		+	1		1						1					+
<i>Pulmonaria officinalis</i>	C									+	+			+	+			+
<i>Lathyrus vernus</i>	C	1	r	+			+											+
<i>Cephalanthera longifolia</i>	C		+					r			+	+	r	r				+
<i>Cardamine bulbifera</i>	C																	+
<i>Carex sylvatica</i>	C								+	1			2	+				+
<i>Asarum europaeum</i>	C	+																+
<i>Lilium maritagon</i>	C		r			r												+
<i>Galium odoratum</i>	C		r			r												+
<i>Campanula trachelium</i>	C									r	r							+
<i>Polygonatum multiflorum</i>	C		+															+
<i>Euphorbia amygdaloides</i>	C																	+
<i>Anemone nemorosa</i>	C									r	1							1
<i>Polystichum setiferum</i>	C																	+
<i>Geranium robertianum</i>	C																	+
Rhamno-Prunetea																		
<i>Crataegus monogyna</i>	B	2	+	+	+	2	+	+	+	2	2	+	+	2	r	2		2
<i>Ligustrum vulgare</i>	B	2			+	1	+	+	+	+	+	1	+	1	2		2	+
<i>Viburnum lanata</i>	B	2							r	+	2						2	2
<i>Clematis vitalba</i>	B								+									+
<i>Cornus sanguinea</i>	B		+	+									2					+
<i>Prunus spinosa</i>	B					r												+
Companions																		
<i>Acer tataricum</i>	B					+			2	+	+	1	+					+
<i>Juniperus communis</i>	B		+					1	r									+
<i>Fragaria vesca</i>	C									+	+		+	+				+
<i>Hieracium sabaudum</i>	C						r	1	1		r	r						