Supporting information

Goncharenko I., Kovalenko O. Oak forests of the class *Quercetea pubescentis* in Central-Eastern Ukraine

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Table S1 Table of relevés (relevés selected as holotypes marked in yellow)

Syntaxa numbers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Ordinal (sequence) relevé numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	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	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8
Original relevé numbers	57	76	59	58	77	60	68	67	71	66	73	74	62	75	64	82	114	79	111	118	120	123	86	113	122	84	85	90	81	88	110	87	115	116	91	89	112	117	108	83	121	103	105	106	96	100	93	92	94	104	107	102	55	6	42	47	48	43	36	50	53	51	19	52	56	49	1	3	5	40	2	27
D.s. Digitali grandiflorae-Quercetum roboris ass. nov. hoc loco																																																																								
Teucrium chamaedrys	2	2	2	1	1	2	1	1	2		2	1	2	3																																																										
Galium boreale	2	3	2		1	3	3	2	2	3		3		2	2																																										1												1			
Serratula tinctoria	2	3	1	2		2			2			2	2		2																																																									
Digitalis grandiflora	1	2	1	1		1	1			2	2		1	2																1		1																1																								
D.s. Carici praecocis-Quercetum roboris typicum																																																																							
Fragaria viridis																2	1	2	2	3	1		2		2	1	2	2	1	2	2	1		1	2	1		2		1						1													1													
Viola suavis																1	1	1	1	1	1	1		1							1			1					1																																	
Carex michelii																3	2		3	2	2	2	2	2	2	2	1	2	2			1	2		2	1	2		2																							1								2	2
D.s. Carici praecocis-Quercetum roboris var. Agrostis vinealis																																																																							
Agrostis vinealis															1																											3	3	3	4	3	2	4	4	3	3	1																				
Crepis tectorum																																										2	2		2	2	1		2																							
Lactuca quercina																																										2		2				1			2																					
D.s. Carici praecocis-Quercetum roboris ass. nov. hoc loco																																																																							
Allium oleraceum			1	1		1						2					1	1		2		2					1	1	1	1				1		1	2				1		2	1		1			1	1		1							1			1										
Carex montana													1					1	1			1	2	1	1	2	3	2		2	1	2		1	2	2			1		1	2	2	2										1						2		2										
Carex praecox			2													1	4	1	4	4		1	2			2	2	2		2	5	2	4	2	3	2	1	3	4	1	2	2	2	2								2																				
Crataegus rhipidophylla			2			2			2						2		1	2	2		2		1		2		1		2	1			1	1	1		1		1		2						1				1								1													
Agrimonia eupatoria			2							2					2	1		1	1	1				1			1	1	1	1	1							1	1		1		2																													
Acer campestre																	1				2		1			1		1	2	1		1	2		1			2			2	1	1																													
D.s. Asperulo tinctoriae-Quercetum roboris violetosum mirabilis subass. nov. hoc loco																																																																							
Viola mirabilis																																																					2	1	2	2	2	1	1	1	2	2	2	2								
Vicia sepium																														1					1																		1	2	1	1	2	2	1	2	2	2	2									
Lathyrus vernus																																2				1																	1	2	2	1	2			2		2		1								
D.s. Asperulo tinctoriae-Quercetum roboris dianthetosum fisheri subass. nov. hoc loco																																																																							
Dianthus fischeri								2																																																									2	2	1	1	1	1	1	1
Pilosella officinarum																			1																				1																									1	2				2		
Veronica spicata	2		3																																																													1	2	1					
D.s. cl. Quercetea pubescentis																																																																							
Acer tataricum			2		3	2		2		3		3	2				1	2	1		2		1	1	2	2	1	1	2	1	2	1	1	1	1	1	1	2		2			2			1			1	1			1	3	1		2	2		2	2		1	2			2			2		
Melampyrum nemorosum			2	3						1					3	1	1	3	2	2	2				1	2	1	2	2	1	2	1		1	2	1	2	1	2									1					1	2		1	2	2		3	2	2	2		2		3	2	2		3	3
Chamaecytisus ruthenicus	2	3			3			3	3	3	3		3		2	2				1	2	3		1	2		1					2	2			2	2	2				2		2		2	4			2				1											2	2	3			2	2	2
Anthericum ramosum	2	3		2	3	3	1	2	3		3	3	3	3	3	1	1					2		1	2						1		1				2	1	1	1	1	2	2	2	2		1	1													1					2		1	1			
Campanula persicifolia					2		2			2		2				1				1				1			1					1			1	1		1			1			2	1		1	1	1				1	1				1				1						1	2			
Pyrus pyraster		1		2	1	1			2		1	1	1	1	2				2			1			2	1	1		2	2	2	1				3			2	2	2				1		1	1											2													
Hylotelephium maximum	2		3	2	3	1	2	2		2			2		2	3	2					2	1				2	1					2			1	1													1									1						1					1		
Clematis recta			3	2		3		3							2	1						2		2										1			1			1	1				1	1	1	1						2	1				1										2			
Asperula tinctoria				2		1		2	2		2			1		1	1	1		2		1		1										1			1				1		2											2							1		2				1		2			
Potentilla alba		3			3		2		2		2		2		2								1			3	1	2		2		1			2	3																						1			1		1									
Tanacetum corymbosum									2	2	1			1		1	2	1	2	1	1	2			3				2				2												1									1				1				1										
Viola hirta			1			2										1	1	1			1			2									2	2				2		1	1					1							1											1					2			
Campanula bononiensis	2		1	1		2			2		2				1				1	2		2									1							2		2		2	2																													
Primula veris								2																			1	1				1																1							1	2																
Pulmonaria angustifolia								2															2				2			1					1																									1	1											
Lathyrus niger			3	3		3																					2	1		1														2							2																					
Iris arenaria																	1							1									1	1			1					2		2						2																						
Lathyrus sylvestris																							2			2	2	2		2		2			2	2															2																					
Iris aphylla																								3									2	2																				1									1									
D.s. cl. Trifolio-Geranietea																																																																								
Betonica officinalis	2	3		2	3	3	3	2		3	2	3	2				1	2		1	1		2		1	1	1	2	1	3		2		1	2	2	2			2				1			2	1	1	4	1			2	2	1	1	2			2	2	1		2		2		2		1	1
Veronica chamaedrys		2		2	4	2	3	3	3			3	2	3	3	1	1		1		2	1	2	1	2	2	1	2	1	1	2		2			2	3	1	1	1													2	2	1	1	2	2			2	2	2	2	2		1		2		1	1
Polygonatum odoratum		3	3		3	3	2	2		2	2		2		3	2		2			2		3	2	3				1	2			2	2		1	4	2	1	1	2												2	2		2	2	2	1	2	2	2	1	2	2	2	2	1		2	2	2
Peucedanum oreoselinum		3	2	2		1	2		3		2		2	3	3	2			2				2	1	2		2	2	1	2	2		1	1			1	2	2	1	2					1		1		1				2							2	1	1		2	2	2	2	1		2	2
Clinopodium vulgare		3			3	3		3	3		3	3	2	3				1		1	1		1	1		1		1		1		1		1	1	1	1			1		2				1				1		1			1		2	2		2	2	2	1	2							1	1
Silene nutans		3		2			2			2	2	3	2	3	2	2	1		2			3					1	2		1	2		1		2		2	2	2	2	2													1											1	2	1	2		2	2	2
Securigera varia	3			2					3	3	3	3	2	3	3		1	3	2	1			1		3		1		2	1	2		1	1	1	1		1	2	2					1	1	1							1							2							2	2		2	2
Genista tinctoria		3		2	2		3	3	2	2			3	2	2		2								2				2					2						2	2		2	1			1		1																2	2	1			1	1	1
Trifolium alpestre	1			2	3	3		2	3	2		3	1	1				2		1	1		2	2	2	2	2	2		2	1	2		2	2	2	2				1						1	1	1									1			2	2			2				2			
Geranium sanguineum	1	2	3	3		2	2					3	2		3	2	2			1		2		2	2					2		2	2	2	1		2	1			2			2			1	1						2				1			2		1	1			1					
Hypericum perforatum		1	2	2	2		3		2	2		2	2	2	2		1		1				1			1					1			1	1	2	1	1	1	1	1					1								1						2		1	1		2	2						
Fragaria vesca		3	3		3	3	3	3	3	2		3	1	3	3																												2				1	4	1	1				2						2					2			2	2			
Vincetoxicum hirundinaria	2	2	2	2		1			3			2	2				2	2	2				1			1	2	2		1	1	2	2	2	1	1			1	2								1	1					1												2						
Solidago virgaurea			2	2			3		2				3	3	2										2	2						2	2		2											1				1			1								1					2				2	1	1
Astragalus glycyphyllos			3			2		3	2	1	2			2		1	1	2					2				1		1	2					1						1				1			1							1														2			
Origanum vulgare	2		2	3		3				3	2	2			3	2			2			2			2						2		3	3			2	2	2																												1	1				
Ajuga genevensis			1								1					2	1				1	2	1	1									1		1	1		1	2	2				2	1																		1						2			
Filipendula vulgaris						3											1	1	1	2						2		1	2		1	2	1							1	2											1						3	1			1										
Knautia arvensis	2												1		1											1	1	1		1														2				1			2									2									1			
Carex spicata																																											2									1				1						2			1							
Trifolium medium				1				2															2			2	2	2		2	1	2			2	2																																				
Centaurea phrygia			2															1		2				1									1					1			1											1																				
Campanula rapunculoides																										2		2				1			2	1			1				2																													
Thalictrum minus				1		2																																																					1								2						
D.s. cl. Querco-Fagetea																																																																							
Quercus robur	4	4	4	3	4	4	4	5	5	4	4	4	4	4	5	6	3	4	5	3	3	4	6	4	4	5	5	5	4	6	5	5	4	4	4	5	5	3	5	5	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	3	4	4	4	3	4	4	3	4			4	3	4	3	4	4
Melica nutans		2			3		3	3	3	2	3	2	2	3		2					2			1	2		1						2			1	1	2		2	2												1	2		2	2	2	1	2	2	2	2	2	1		3	2	2		3	3
Poa nemoralis		2	3		2	2					3		2	2	2	2				3		1	1		1	1	1	1	1	1		1	1	1	1	1	2	2															2	3	2		2			2	2	2		2	4		1	2		3	2	2
Stellaria holostea																1			1	1	2	1	1	1		1	1	1		1		1	2		1	1	1	1	1	1	2									2	3	2	2	2	2	3	2	2	1	1	2		3				2					
Euonymus verrucosus		1				1		1			1	1		1	1						2				2		2		2	2		2	1	2			1			2	2	2				2	1			2	1		1						2		1	1		1	2							
Corylus avellana							1								1			2					1			1	1	1				1			1	1				2		2				2				2			2			2	2			2		2	1								1	1
Asarum europaeum								2								2	1																					1						2						2	1		2		2	2	2			2	1	2	2	2							1	1
Carex digitata		3			3	3		3	3	3		3	3	3																																											2			2				3	2		1	1				
Tilia cordata								2				1					1		1				1			1		2			1	2			2	1					1										1		2			2	1			2	2	1	1	2								
Festuca gigantea		3	3			3			2		3	3	2	3	3						1		1													1					2														1			2				1		1								
Milium effusum																1								1	1									1						2														1		2	2			2		2	2	2				1	1			
Euonymus europaeus			1										1				2		2		2					2	1		1		2	1	2	2	1				1			2						2			1					2																
Brachypodium sylvaticum			1			1							1		2		1																	2																1			1	1	2			3														

| Syntaxa numbers | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|---|---|---

| Syntaxa numbers | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
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Syntaxa numbers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Ordinal (sequence) relevé numbers	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	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	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8
Original relevé numbers	57	76	59	58	77	60	68	67	71	66	73	74	62	75	64	82	114	79	111	118	120	123	86	113	122	84	85	90	81	88	110	87	115	116	91	89	112	117	108	83	121	103	105	106	96	100	93	92	94	104	107	102	55	6	42	47	48	43	36	50	53	51	19	52	56	49	1	3	5	40	2	27
Hierochloe odorata																							2				2																																																
Viola ambigua																																													1																															
Lycopodium clavatum																																																			2																											
Lysimachia vulgaris																																													1																															
Gagea liotardii																									2																		2																														
Orthilia secunda																																															1																											
Viburnum opulus																																													1																											
Elymus caninus																																																			1																					
Dracocephalum ruyschiana																																																						1																		
Agrostis gigantea						2																																																						1											
Aristolochia clematitis			3																																																			2																		
Mercurialis perennis																																																						2																		
Actaea spicata																																																							1																	
Neottia nidus-avis																																																								1															
Platanthera bifolia																																																									1													
Alopecurus pratensis																																																										1											
Galium rubioides																																																								1											
Deschampsia cespitosa																																																												1										1	
Anthriscus sylvestris																																																															1					
Pyrola rotundifolia																										2																																														