

Table S1. Plant communities with *Silaum silaus*.

Number of relevé	1	2	3	4	5	6	7	8	9	10	Constancy degree	Cover coefficient	11	12	13	14	15	16	17	18	19	20	Constancy degree	Cover coefficient
Locality	Jaćmierz												Zagórzycze											
Date [day, month, year]	14.07.2020										18.07.2020													
Altitude [m a.s.l.]	279	279	279	279	280	280	280	280	280	280	Constancy degree	Cover coefficient	108	108	108	108	108	108	108	108	108	Constancy degree	Cover coefficient	
Area of relevé [m ²]	25	25	25	25	25	25	25	25	25	25			25	25	25	25	25	25	25	25	25			
Cover of herb layer [%]	100	100	100	100	100	100	100	100	100	100	Constancy degree	Cover coefficient	100	100	100	100	100	100	100	100	100	Constancy degree	Cover coefficient	
Cover of moss layer [%]	10	20	5	5	1	2	5	1	5	2			10	15	15	5	5	5	5	10	20			
Number of species	46	48	43	41	42	35	35	42	39	36	Constancy degree	Cover coefficient	42	40	39	47	43	41	38	42	39	42		
ChAss. Arrhenatheretum elatioris																								
<i>Arrhenatherum elatius</i>	3	3	1	+	+	+	1	3	3	1	V	1665	+	+	+	+	+	+	+	+	+	III	25	
<i>Geranium pratense</i>	3	4	2	2	2	2	2	3	1	1	V	2350												
ChAll. Arrhenatherion elatioris																								
<i>Crepis biennis</i>	1	1	1	+	+	1	1	+	+	1	V	320										I	10	
<i>Galium mollugo</i>	1	1	+	+	+	+	+	+	+	+	IV	130	+											
<i>Knautia arvensis</i>	+	+	+				+	+	+		III	30												
<i>Campanula patula</i>	+										I	5	+	+	+							III	25	
<i>Tragopogon pratensis</i>	+	+									I	10												
ChO. Arrhenatheretalia elatioris																								
<i>Lotus corniculatus</i>	1	1	1	1	1	1	2	1	1	1	V	625	+	+	+					+	+	III	25	
<i>Achillea millefolium</i>	+	+	+	+	+	+	+	+	1	+	V	95	+	+	+	+	+	+	+	+	+	III	25	
<i>Trifolium repens</i>	2	1	1	1	1	1	1	+	1		V	530												
<i>Leucanthemum vulgare</i>	1	+	+	1	+	1	1	+			V	225										I	5	
<i>Dactylis glomerata</i>	+	+	+	+				+			III	25										I	10	
<i>Pimpinella major</i>	2	1	2			+	2	2	+		IV	760												
<i>Trisetum flavescens</i>	1	1	1	+	+	+	1				IV	215												
<i>Daucus carota</i>	1	1	1				1	+	+		III	210												
<i>Heracleum sphondylium</i>	+	+				+		+			II	20												
<i>Taraxacum officinale</i>	+	+	+				+				II	20												
ChAss. Molinetum caeruleae = ChAll. Molinion caeruleae																								
<i>Silaum silaus</i>	1	2	3	3	3	3	4	2	2	3	V	3075	1	2	1	1	2	1	1	+	1	V	705	
<i>Molinia caerulea</i>													3	3	2	3	3	3	3	3	4	V	3800	
<i>Galium boreale</i>													1	+	3	3	3	3	2	2	2	V	2255	
<i>Betonica officinalis</i>													2	2	3	2	2	3	2	1	3	V	2225	
<i>Carex tomentosa</i>													1	+	+	+	1					IV	125	
<i>Selinum carvifolia</i>		+			+			+	+				+	+	+	+	+	+	+	+	+	III	25	
<i>Inula salicina</i>													+	2	3	1	+	2				III	785	
<i>Dianthus superbus</i>													+	+	+	+	+	+	+	+	+	III	25	
<i>Succisa pratensis</i>													+			+	+	1				II	65	

<i>Lathyrus pratensis</i>	+	+	+	+	+	+	+	+	+	V	45	+	+	+	+	+	II	20
<i>Centaurea jacea</i>	2	2	2	2	1	2	2	2	2	V	1625	+				+	I	10
<i>Festuca rubra</i>				+					+	I	10	1	2	2	2	3	IV	1225
<i>Phleum pratense</i>				+	1	+		+	+	III	70	+		+	1	1	III	115
<i>Trifolium pratense</i>	1	1	+	+	+	+	+	+	1	V	180							
<i>Ranunculus acris</i>	+	+	+	+				+	1	III	75	+	+	+			II	15
<i>Rumex acetosa</i>	+	+	+	+	+	+	+	+	+	IV	35				+		I	10
<i>Vicia cracca</i>	+	+	+	+	+	+	+	+	1	IV	85							
<i>Festuca pratensis</i>				+	+	+	+	+	+	III	25				+		I	5
<i>Leontodon hispidus</i>	+	+								I	10						I	5
ChCl. Festuco-Brometea																		
<i>Filipendula vulgaris</i>										II	15	+	2	1	2	2	V	650
<i>Plantago media</i>	+	+	+															
<i>Bromus inermis</i>					+					I	5							
<i>Campanula glomerata</i>					+					I	5							
ChCl. Trifolio-Geranietea																		
<i>Galium verum</i>		+	1		+	+	+	+	+	III	75	+	2	1	1	1	IV	340
<i>Agrimonia eupatoria</i>												+		+	+	+	II	20
<i>Clinopodium vulgare</i>	+									I	5							
<i>Vicia sepium</i>	+									I	5							
ChCl. Nardo-Callunetea																		
<i>Potentilla erecta</i>												1	1	1	1	1	V	410
<i>Luzula campestris</i>												1	+	+	+	1	V	135
<i>Agrostis capillaris</i>												+	+	+	+	1	IV	125
<i>Danthonia decumbens</i>																	II	20
<i>Viola canina</i>																	I	10
<i>Cuscuta epithymum</i>												+						
ChCl. Artemisietae vulgaris																		
<i>Glechoma hederacea</i>	1	1	+	+				+	+	III	115	+	+	+	+		II	20
<i>Cirsium arvense</i>															+		I	10
<i>Solidago gigantea</i>												+				+	I	10
ChCl. Epilobietea angustifolii																		
<i>Calamagrostis epigejos</i>		1	2	2			1			II	450	1		+	1	3	III	535
<i>Centaurium erythraea</i>												+	1	+		+	IV	80
<i>Fragaria vesca</i>															+	+	I	10
ChCl. Phragmitetea																		
<i>Carex gracilis</i>					+	+				I	10	1		+			I	55
<i>Peucedanum palustre</i>												+	2		+		II	185
<i>Galium palustre</i>															+	+	I	10

<i>Phalaris arundinacea</i>			+ I 5										
<i>Phragmites australis</i>		+ I 5											
<i>Ranunculus flammula</i>												+ I 5	
ChCl. Rhamno-Prunetea													
<i>Prunus spinosa</i>												II 15	
<i>Crataegus monogyna</i>												I 10	
<i>Rosa canina</i>												I 10	
ChCl. Querco-Fagetea													
<i>Primula elatior</i>	+ +		+ +		II 20								
<i>Ranunculus auricomus</i>		+ +			I 10								
<i>Plagiomnium undulatum</i> d						+ 1 1 1 1 1 1 1 2 1				V 580			
Others													
<i>Briza media</i>	+	+	1 +	1 2 2 1 1 1	V 615	+ + + + + 2 1 1 +				IV 255			
<i>Anthoxanthum odoratum</i>	+	+		1 + + + +	IV 80	1 1 + 1 1 + 1 1 1 +				V 365			
<i>Geum rivale</i>	1 1 1	+	1 1 1 + 1 + 1	V 365	+ + + + + + + + +					I 5			
<i>Alchemilla crinita</i>	+	+	+	+	IV 40								
<i>Carex pallescens</i>						+ + + + + + + + +				IV 40			
<i>Frangula alnus</i>						+ + + + + + + + +				IV 35			
<i>Polygonum amphibium</i>	+	+	+	1	II 65								
<i>Sympythium officinale</i>	+		+	+	II 65								
<i>Medicago lupulina</i>	1 +				II 60								
<i>Equisetum arvense</i>	+	+	+		II 15								
<i>Erigeron annuus</i>	+	+	+		II 15								
<i>Quercus robur</i>						+ + + + + + + + +				II 15			
<i>Hypericum perforatum</i>											I 10		
<i>Pyrus pyraster</i>											I 10		
<i>Stellaria graminea</i>											II 15		
<i>Trifolium aureum</i>													
<i>Veronica chamaedrys</i>	+										I 5		
<i>Alchemilla acutiloba</i>											I 5		
<i>Allium scorodoprasum</i>													
<i>Betula pendula</i>											I 5		
<i>Carex pairae</i>											I 5		
<i>Carex panicea</i>											I 5		
<i>Carex spicata</i>				+									
<i>Juncus articulatus</i>											I 5		
<i>Ononis arvensis</i>											I 5		
<i>Calliergonella cuspidata</i> d	2 2 1 1 + 1 1 + 1 1	V 660	2 2 2 2 2 2			2 2 2				III 1050			