

Table S1. Synoptic table of studied communities.

	Community	A	B	C
	No. plots	150	123	146
	<i>Char.ass.</i>			
1	Salix alba	V	II	III
2	Salix fragilis	IV	III	II
3	Salix purpurea	II	V	III
4	Salix triandra	II		V
	<i>Salicetalia</i>			
5	Populus alba	IV	IV	I
6	Populus nigra	III	IV	IV
7	Calystegia sepium	III	I	IV
8	Eupatorium cannabinum	IV	IV	IV
9	Lysimachia nummularia	III	IV	IV
10	Rubus caesius	IV	IV	V
11	Humulus lupulus	IV	IV	IV
12	Urtica dioica	III	IV	IV
13	Lysimachia vulgaris	IV	II	I
14	Saponaria officinalis	I	IV	IV
15	Polygonum hydropiper	IV	I	II
16	Equisetum arvense	III	IV	
17	Salix caprea		III	
18	Salix elaeagnos		III	
19	Salix viminalis		III	III
20	Myosoton aquaticum		IV	
21	Rudbeckia laciniata			IV
22	Clematis vitalba	IV		
23	Mentha aquatica	IV		
24	Carduus crispus	III		II
25	Galium rivale		IV	
26	Mentha spicata	III		
27	Myosotis sylvatica		I	
28	Populus marilandica	II		I
29	Myricaria germanica		IV	
30	Vitis sylvestris	IV		
31	Rumex maritimus	IV		
32	Cucubalus baccifer	III		IV
33	Angelica sylvestris	IV		IV
34	Mentha longifolia		IV	
35	Lycopus europaeus	IV		III
36	Ranunculus repens	III	III	
37	Myosotis scorpioides	I		
38	Viburnum lantanua		III	
39	Polygonum persicaria	I		
40	Tanacetum vulgare		IV	
41	Stellaria aquatica	I		III
42	Rumex obtusifolius	IV	I	
43	Iris pseudacorus	II		
44	Tamarix ramosissima	IV		
45	Rumex sanguineus		III	
46	Erigeron annuus	IV		
47	Glycyrriza echinata	I		

48	Geum urbanum		II	
49	Oenothera biennis	II		II
50	Sisymbrium loeselii	I		
51	Geranium robertianum	II	I	
52	Sisymbrium strictissimum	I		
53	Fragaria vesca		I	
	<i>Alno-Ulmion</i>			
54	Alnus glutinosa	IV	IV	I
55	Alnus incana	IV	IV	
56	Potentilla anserina		II	IV
57	Juncus effusus		III	
58	Cruciata laevipes	IV		
59	Galium rubioides	IV		
60	Calamagrostis pseudophragmites		IV	
61	Lotus corniculatus		I	
62	Amorpha fruticosa	IV	II	IV
63	Bromus sterillis		III	
64	Aegopodium podagraria		IV	
65	Carex distans		III	
66	Fraxinus angustifolia	III		
67	Poa trivialis		III	I
68	Lapsana communis		III	
69	Frangula alnus	III		
	<i>Variae Syntaxa</i>			
70	Poa nemoralis		IV	
71	Convolvulus arvensis		II	
72	Sambucus nigra	IV		III
73	Viburnum opulus	III		
74	Aristolochia clematidis	II		
75	Chelidonium majus		IV	
76	Glechoma hederacea	IV	II	
77	Lythrum salicaria	II		III
78	Physalis alkekengi	II		
79	Solanum dulcamara	IV	IV	
80	Lonicera nigra		III	
81	Valeriana officinalis	I		
82	Rosa canina	III	IV	
83	Acer campestre	II	IV	
84	Evonymus verrucosa	I		
85	Fraxinus excelsior	I		
86	Glechoma hirsuta		III	
87	Quercus pedunculiflora	I		
88	Malus sylvestris	I		
89	Rosa canina	I		
90	Ulmus minor	II		
91	Cornus sanguinea	III		II
92	Crataegus monogyna	IV	IV	
93	Evonymus europaea	III		
94	Ligustrum vulgare	I	II	
95	Symphytum officinale	III	I	I
96	Morus alba	II		IV
97	Morus nigra	I		
98	Agropyron repens	II		III
99	Agrostis stolonifera	III		III
100	Althea officinalis	I		
101	Anthriscus sylvestris	III		
102	Arctium lappa	I		II

103	<i>Atriplex tatarica</i>	I		
104	<i>Asparagus officinalis</i>	I		
105	<i>Ballota nigra</i>	I		
106	<i>Bellis perennis</i>	IV		
107	<i>Bidens tripartita</i>	IV		II
108	<i>Cannabis sativa</i>	I		
109	<i>Salvia verticillata</i>		I	
110	<i>Calamagrostis epigeios</i>	I		
111	<i>Carduus acanthoides</i>	I		III
112	<i>Carex riparia</i>	I		
113	<i>Cardamine pratensis</i>	IV		
114	<i>Cichorium intybus</i>	III		
115	<i>Cynodon dactylon</i>	I		
116	<i>Dactylis glomerata</i>	I	III	
117	<i>Dipsacus fullonum</i>	I		
118	<i>Equisetum arvense</i>	I		
119	<i>Galium aparine</i>	IV	I	II
120	<i>Linaria vulgaris</i>	I		
121	<i>Oxalis stricta</i>	I		
122	<i>Phragmites australis</i>	II		
123	<i>Plantago lanceolata</i>	II	II	IV
124	<i>Plantago media</i>	III	II	III
125	<i>Arrhenatherum elatius</i>		III	
126	<i>Galium mollugo</i>		II	
127	<i>Echium vulgare</i>		III	
128	<i>Poa pratensis</i>	I		
129	<i>Leucanthemum vulgare</i>		II	
130	<i>Portulaca oleracea</i>	I		
131	<i>Barbarea vulgaris</i>		I	
132	<i>Veronica chamaedrys</i>		II	
133	<i>Cardaria draba ssp.draba</i>		II	
134	<i>Rorippa sylvestris</i>	IV		
135	<i>Sambucus ebulus</i>	IV	IV	IV
136	<i>Euphorbia cyparissias</i>		II	
137	<i>Euphorbia salicifolia</i>		II	
138	<i>Cirsium arvense</i>		II	II
139	<i>Scutellaria galericulata</i>	IV		
140	<i>Solanum nigrum</i>	I		
141	<i>Taraxacum officinale</i>	I		
142	<i>Reseda lutea</i>		II	
143	<i>Polygonum sachalinense</i>		I	
144	<i>Trifolium repens</i>	I	II	
145	<i>Petasites hybridus</i>		III	III
146	<i>Tussilago farfara</i>	II		
147	<i>Verbascum phlomoides</i>	I	II	
148	<i>Verbena officinalis</i>	I		
149	<i>Vicia cracca</i>		I	
150	<i>Scrophularia umbrosa</i>		II	
151	<i>Silene acaulis</i>		II	
152	<i>Trifolium pratense</i>		II	
153	<i>Xanthium spinosum</i>			II
154	<i>Amaranthus retroflexus</i>			II
155	<i>Artemisia absinthium</i>			I
156	<i>Chenopodium polyspermum</i>			I
157	<i>Daucus carota</i>			III
158	<i>Echinochloa crus-galli</i>			III

159	Galinsoga parviflora		I
160	Hypericum perforatum		II
161	Poa annua		IV
162	Polygonum aviculare		II
163	Chaerophyllum bulbosum		IV
164	Echinocystis lobata		IV
165	Galeopsis speciosa		III
166	Helianthus decapetalus		IV
167	Heracleum sphondylium		IV
168	Cirsium oleraceum	III	IV
169	Agropyron caninum,	II	III
170	Phalaris arundinacea	I	II
171	Veronica beccabunga	II	I
172	Epilobium hirsutum	III	III
173	Polygonum minus	II	I
174	Polygonum lapathifolium		II
175	Bidens tripartita	II	III
176	Bidens cernua		II
177	Trifolium repens		II
178	Agrostis stolonifera.	I	III
179	Potentilla reptans	II	
180	Prunella vulgaris	III	
181	Gratiola officinalis	I	
183	Silene alba	III	
184	Galega officinalis	II	
185	Prunus spinosa	II	

A= communities with *Salix alba* and *S. fragilis* as co-dominant species. B= communities with *S. purpurea* as dominant species. C= communities with *S. triandra* as dominant species.