

Supplementary Table. NMDS loadings and mean % cover per habitats for all species used in the ordination analysis. Note that some species are identified only to genus (e.g. *Cirsium* sp.) – although unidentified, these taxa are distinct from identified congeners. Habitat codes: IB = in between, SH = shore, TP = tailings pond, WR = waste rock piles, WE = wetland.

Species	MDS1	MDS2	IB	SH	TP	WR	WE
<i>Abies balsamea</i>	-0.271	-0.484	0	0.012	0	0	0
<i>Achillea millefolium</i> subsp. <i>lanulosa</i>	-0.205	0.828	0.02	0	0	0	0
<i>Agrostis scabra</i>	-0.451	0.396	0	0.004	0	0	0
<i>Agrostis stolonifera</i>	0.538	0.456	0.008	0.396	0	0	0
<i>Alnus viridis</i> subsp. <i>crispa</i>	-0.078	-0.808	0.34	0	0	0	0
<i>Amelanchier spicata</i>	0.087	-0.295	0.032	0.032	0	0	0
<i>Apocynum</i> <i>androsaemifolium</i>	0.241	0.023	0	0.008	0	0	0
<i>Aralia nudicaulis</i>	-0.078	-0.808	0.024	0	0	0	0
<i>Betula papyrifera</i>	-0.625	-0.489	14.76	5.424	1.2733	0.05	0
<i>Carex bebbii</i>	-0.451	0.396	0	0.004	0	0	0
<i>Cerastium fontanum</i>	-0.579	-0.176	0	0	0.0133	0	0
<i>Chenopodium album</i>	0.563	0.508	0	1.248	0	0	0
<i>Cirsium muticum</i>	0.98	0.327	0	0.064	0	0	0.036
<i>Cirsium</i> sp.	1.238	-0.181	0	0	0	0	1.292
<i>Dennstaedtia</i> <i>punctilobula</i>	0.12	-0.08	0.04	0.008	0	0	0
<i>Diervilla lonicera</i>	0.023	-0.314	0.46	0	0	0	0
<i>Dryopteris carthusiana</i>	1.08	-0.327	0	0	0	0	1.192
<i>Dryopteris intermedia</i>	0.06	-0.13	0.116	0	0	0	0
<i>Elymus repens</i>	1.022	0.062	0	0.044	0	0	0.312
<i>Epipactis helleborine</i>	-0.071	-0.054	0.044	0.04	0	0	0
<i>Erechites hieraciifolius</i> var. <i>hieraciifolius</i>	1.232	-0.061	0	0	0	0	2.992
<i>Euthamia graminifolia</i>	1.289	0.068	0	0	0	0	4.892
<i>Fallopia cillinodis</i>	1.423	0.163	0	0	0	0	0.04
<i>Festuca rubra</i> subsp. <i>rubra</i>	-1.009	-0.232	3.468	0	29.5067	0	0
<i>Festuca trachyphylla</i>	0.241	0.023	0	0.008	0	0	0
<i>Fragaria virginiana</i> subsp. <i>virginiana</i>	-0.015	-0.211	0.316	0.008	0	0	0
<i>Galeopsis bifida</i>	1.307	0.056	0	0.008	0	0	3.608
<i>Galium mollugo</i>	-0.289	0.631	9.24	0.084	0	0.02	0
<i>Gaultheria procumbens</i>	-0.078	-0.808	0.004	0	0	0	0

<i>Glyceria striata</i>	1.326	0.098	0	0	0	0	0.996
<i>Hieracium caespitosum</i>	-0.681	0.614	0	0	0	0.0033	0
<i>Hieracium pilosella</i>	-0.627	0.192	0	0	0.0467	0.0067	0
<i>Hieracium</i> sp.	-0.048	0.106	1.2	0.004	0	0	0
<i>Hordeum jubatum</i> subsp. <i>jubatum</i>	0.512	0.67	0	0.028	0	0	0
<i>Ilex mucronata</i>	-0.184	-0.351	0.02	0	0	0	0
<i>Ilex verticillata</i>	-0.029	-0.567	0.012	0	0	0	0
<i>Impatiens capensis</i>	0.743	-0.726	0	0	0	0	0.004
<i>Juncus gerardii</i>	0.554	0.523	0	9.716	0	0	0
<i>Juniperus communis</i> var. <i>depressa</i>	0.043	-0.492	0.14	0.072	0	0	0
<i>Lactuca</i> sp.	1.311	-0.028	0	0	0	0	0.224
<i>Larix laricina</i>	-0.271	-0.484	0	0.008	0	0	0
<i>Leucanthemum vulgare</i>	-0.142	0.601	0.036	0	0	0	0
<i>Lotus corniculatus</i>	-0.406	-0.349	0	0.612	0.2133	0	0
<i>Lysimachia borealis</i>	-0.078	-0.808	0.008	0	0	0	0
<i>Lythrum salicaria</i>	1.238	-0.181	0	0	0	0	0.004
<i>Maianthemum</i> <i>canadensis</i>	-0.078	-0.808	0.028	0	0	0	0
<i>Malus</i> sp.	0.241	0.023	0	0.016	0	0	0
<i>Morella caroliniensis</i>	0.241	0.023	0	0.984	0	0	0
<i>Onoclea sensibilis</i>	1.003	-0.27	0.012	0.048	0	0	1.324
<i>Phleum pratense</i>	-0.205	0.828	0.016	0	0	0	0
<i>Phragmites australis</i>	0.681	0.503	0	2	0	0	0
<i>Picea glauca</i>	-0.224	-0.249	7.584	0.624	0.8067	0.0033	0
<i>Picea rubens</i>	-0.101	-0.27	11.26	2.036	0	0	0
<i>Pinus resinosa</i>	0.133	-0.068	0.528	0.2	0	0	0
<i>Pinus strobus</i>	-0.271	-0.484	0	0.132	0	0	0
<i>Plantago maritima</i> subsp. <i>juncooides</i>	0.512	0.67	0	0.416	0	0	0
<i>Poa compressa</i>	-0.723	0.483	0.04	0.016	0	0.0867	0
<i>Poa nemoralis</i>	0.06	-0.13	0.436	0	0	0	0
<i>Populus tremuloides</i>	-0.043	-0.136	8.6	0.644	0	0	0
<i>Prunus</i> sp.	-0.058	-0.282	0.572	0.04	0	0	0
<i>Prunus virginiana</i> var. <i>virginiana</i>	1.239	0.174	0	0	0	0	0.064
<i>Puccinellia maritima</i>	0.681	0.503	0	0.044	0	0	0
<i>Puccinellia nuttaliana</i>	-0.084	-0.29	0	0.08	0	0	0
<i>Ranunculus abortivus</i>	1.238	-0.181	0	0	0	0	0.004
<i>Ranunculus acris</i>	-0.277	0.051	0.024	0	0	0	0
<i>Ribes glandulosum</i>	1.068	-0.338	0	0	0	0	0.004
<i>Rosa palustris</i>	1.031	0.326	0	0.128	0	0	0.048
<i>Rubus idaeus</i> subsp. <i>idaeus</i>	1.206	-0.044	0.012	0	0	0	5.124
<i>Rumex crispus</i> subsp.	1.088	0.316	0	0.008	0	0	0.008

<i>crispus</i>							
<i>Salicornia depressa</i>	0.512	0.67	0	0.12	0	0	0
<i>Salix</i> sp.	0.184	-0.023	0.008	0.96	0	0	0
<i>Sambucus racemosa</i>	0.241	-0.082	1.872	0.016	0	0	0.016
<i>Silene vulgaris</i> subsp. <i>vulgaris</i>	-0.532	0.538	0.088	0.016	0	0.1667	0
<i>Sisyrinchium montanum</i>	-0.245	0.392	0.008	0	0	0	0
<i>Solanum dulcamara</i> var. <i>villosissimum</i>	0.486	-0.206	0.068	0.06	0	0	0.2
<i>Solidago rugosa</i> subsp. <i>rugosa</i>	1.231	-0.004	0	0.08	0	0	12.416
<i>Solidago sempervirens</i> var. <i>sempervirens</i>	0.54	0.471	0	1.956	0	0	0
<i>Solidago</i> sp.	0.225	0.034	0.072	0.548	0.06	0	0.004
<i>Spergularia marina</i>	0.512	0.67	0	0.064	0	0	0
<i>Spiraea alba</i> var. <i>latifolia</i>	0.266	0.073	0.028	1.376	0	0	0
<i>Symphiotricum novi-belgii</i>	0.681	0.503	0	0.336	0	0	0
<i>Taraxacum officinale</i>	0.105	-0.092	0.044	0.004	0	0	0
<i>Thuja occidentalis</i>	-0.116	-0.513	1.344	1.128	0	0	0
<i>Torreyochloa pallida</i> subsp. <i>fernaldii</i>	1.332	0.182	0	0.028	0	0	4.004
<i>Trifolium pratense</i>	-0.271	-0.484	0	0.016	0	0	0
<i>Trifolium repens</i>	-0.579	-0.176	0	0	0.0067	0	0
<i>Trifolium</i> sp.	-0.071	-0.227	0.004	0	0	0	0
<i>Typha latifolia</i>	0.923	-0.519	0	0	0	0	7.208
<i>Vaccinium angustifolium</i>	-0.096	-0.778	0.808	0.004	0	0	0
<i>Veronica officianalis</i>	1.423	0.163	0	0	0	0	0.04
<i>Viburnum nudum</i> var. <i>cassinoides</i>	-0.078	-0.808	0.004	0	0	0	0
<i>Vicia cracca</i> subsp. <i>cracca</i>	0.047	0.688	0.532	0	0	0	0.028