

**SUPPLEMENTARY DATA TABLE 1**—The life assemblage: local plant community. All seed plants were censused within an area 20m x 50m parallel to the shoreline. Location within the study site is given by H (Hillside), M (Marginal/Overhanging), and A (Aquatic). Growth forms are T (Tree), S (Shrub), V (Vine), G (Graminoid), and H (Herb). Dispersal modes are B (Biotic) and A (Abiotic). Seed mass was measured as mean dry weight (mg). See text for details.

	H	M	A	Growth Form	Dispersal Mode	Seed Mass (mg)
<i>Acer rubrum</i>	x	x		T	A	18
<i>Amaranthus cannabinus</i>			x	H	A	1.47
<i>Aster tenuifolius</i>			x	H	A	0.08
<i>Atriplex patula</i>	x	x	x	H	A	1.4
<i>Campsis radicans</i>	x	x		V	A	0.21
<i>Carex festucacea</i>	x	x		G	A	0.53
<i>Carex muhlenbergii</i>	x			G	A	1.8
<i>Carex swanii</i>	x			G	A	0.69
<i>Carpinus caroliniana</i>	x			T	A	17.0
<i>Carya tomentosa</i>	x	x		T	B	$7.1 \times 10^3$
<i>Chimaphila maculata</i>	x			H	A	$2 \times 10^3$
<i>Cornus florida</i>	x			T	B	101
<i>Danthonia compressa</i>	x			G	A	0.60
<i>Deschampsia caespitosa</i>	x			G	A	0.07
<i>Deschampsia flexuosa</i>	x			G	A	0.28
<i>Elymus virginicus</i>	x	x		G	A	3.72
<i>Erigeron philadelphicus</i>	x			H	A	0.03
<i>Fagus grandifolia</i>	x			T	B	97
<i>Festuca rubra</i>	x			G	A	0.31
<i>Fragaria virginiana</i>	x			H	B	0.62
Gramineae indet.			x	G	A	0.5
<i>Hieracium venosum</i>	x			H	A	0.22
<i>Hydrocotyle verticillata</i>	x	x	x	H	A	0.45
<i>Ilex opaca</i>	x			T	B	14.5
<i>Iva frutescens</i>			x	S	A	0.73
<i>Juniperus virginiana</i>	x			T	B	8.7
<i>Liquidambar styraciflua</i>	x	x		T	A	4.7
<i>Nyssa sylvatica</i>	x	x		T	B	128
<i>Oxalis europaea</i>	x			H	A	0.29
<i>Panicum virgatum</i>			x	G	A	0.74
<i>Parthenocissus quinquefolia</i>	x			V	B	14.9
<i>Plantago major</i>	x			H	A	0.20
<i>Pluchea odorata</i>			x	H	A	0.03
<i>Polygonum punctatum</i>	x	x		H	A	2.7
<i>Quercus alba</i>	x	x		T	B	$7 \times 10^2$
<i>Quercus falcata</i>	x			T	B	$8.2 \times 10^2$
<i>Quercus prinus</i>	x	x		T	B	$1.9 \times 10^3$
<i>Quercus velutina</i>	x			T	B	$1.23 \times 10^3$
<i>Rhododendron nudiflorum</i>	x	x		S	A	0.07
<i>Rhus radicans</i>	x	x		V	B	9.5
<i>Rubus hispidus</i>	x	x		V	B	2.17
<i>Sassafras albidum</i>	x			T	B	44.5
<i>Scirpus robustus</i>			x	G	A	2.30
<i>Smilax rotundifolia</i>	x	x		V	B	24
<i>Solidago puberula</i>	x	x		H	A	0.14
<i>Spartina alterniflora</i>			x	G	A	1.94
<i>Spartina cynosuroides</i>			x	G	A	1.55
<i>Taraxacum officinale</i>	x			H	A	0.24
<i>Teucrium canadense</i>	x	x		H	A	1.30
<i>Triodanis perfoliata</i>	x			H	A	0.02
<i>Typha angustifolia</i>			x	G	A	0.056
<i>Vaccinium corymbosum</i>	x	x		S	B	0.27
<i>Vaccinium vacillans</i>	x	x		S	B	0.39
<i>Viola papilionacea</i>	x			H	A	1.66