

**Lab Exercise 2  
Wetland Species List**

**Plant Ecology  
PBIO 425/525**

<b>Scientific Name</b>	<b>Rank</b>	<b>Common Name</b>	<b>Description</b>
<b>GRASSES &amp; FORBS</b>			
<i>Actinomeris alternifolia</i>	FAC	Wingstem	1-2m tall, stem w/ wings; yellow flrs
<i>Agrimonia parviflora</i>	FAC	Small-flw Agrimony	seeds w/ hooks stick to you
<i>Apocyanum cannabinum</i>	FAC	Dogbane	long, thin pods, milky juice, short rounded leaves
<i>Asclepias incarnata</i>	OBL	Swamp Milkweed	broad erect pod, milky juice, longer narrow leaves
<i>Aster pilosus</i>	FACW	Heath Aster	white fls, small narrow leaves, hairy stem
<i>Boehmeria cylindrica</i>	FACW	False Nettle	fls located on pedicels of upper lvs
<i>Carex sp.</i>	OBL	Carex (Sedge)	stem triangular, long narrow lvs
<i>Cirsium muticum</i>	OBL	Swamp Thistle	prickly lobed lvs; head of purple flrs
<i>Convolvulus arvensis</i>	FACU	Field Bindweed	vine w/arrow-shaped leaves; trumpet-shaped flrs
<i>Epilobium coloratum</i>	OBL	Purple-Leaved Willow-Herb	small, narrow lvs, pink-white fls
<i>Eupatorium dubium</i>	FACW	Joe-Pye Weed	tall plant, purple/pink fls, leaves whorled
<i>Eupatorium perfoliatum</i>	FACW	Boneset	stem goes through the lvs
<i>Euthamia graminifolia</i>	FAC	Grass-Leaved Goldenrod	small yellow fls on multiple branches, narrow lvs
<i>Galium aparine</i>	FACW	Bedstraw	whorled leaves, small hairy fruit
<i>Geum canadense</i>	FACU	White Avens	alt. divided lvs w/toothed leaflets; white flrs
<i>Impatiens capensis</i>	FACW	Jewelweed	orange flr; pods burst when touched
<i>Juncus sp.</i>	OBL	Rush	grass-like with round stem; compact flr head
<i>Lobelia siphilitica</i>	FACW	Great Lobelia	alt. simple lvs; irregular purple flrs
<i>Ludwigia alternifolia</i>	FACW	Seedbox	alt. entire lvs; yellow flrs in leaf axils
<i>Lysimachia nummularia</i>	OBL	Moneywort	smooth round opposite leaves, creeping stem
<i>Mimulus ringens</i>	OBL	Monkey Flower	sessile opp. lvs; long-stalked flrs in leaf axils
<i>Onoclea sensibilis</i>	FACW	Sensitive Fern	lvs deeply lobed
<i>Panicum sp.</i>	FAC	Panicum	wide lvs, hairy joint
<i>Parthenocissus quinquefolia</i>	FACU	Virginia Creeper	vine with 5 leaflets/leaf
<i>Phalaris arundinacea</i>	FACW	Reed Canary Grass	grass 6-15 dm high; grows in dense clumps
<i>Poa sp.</i>	FAC	Poa Grass	wide or narrow leaves, ends are boat-shaped
<i>Polygonum sagittatum</i>	OBL	Arrowleaved Tearthumb	stem w/ recurved hooks, arrowhead-shaped leaves
<i>Polygonum scandens</i>	FAC	Climbing False Buckwheat	vine w/cordate lvs; yellow-green flrs; winged fruits
<i>Rubus allegheniensis</i>	FACU	Blackberry	stem w/ thorns
<i>Solanum carolinense</i>	FAC	Horse Nettle	plants prickly, violet-white flrs, yellow-orange fruit
<i>Solidago canadensis</i>	FACU	Goldenrod	yellow flrs in triangular head, scabrous lvs
<i>Toxicodendron radicans</i>	FAC	Poison Ivy	3 leaflets/leaf
<i>Typha latifolia</i>	OBL	Broad-Leaved Cattail	flr head a brown cylinder
<i>Vernonia altissima</i>	FAC	Tall Ironweed	tall, sessile alternate lvs, purple fls
<b>WOODY PLANTS</b>			
<i>Acer rubrum</i>	FAC	Red Maple	Tree, simple lf, dentate margin
<i>Acer sachharum</i>	FACU	Sugar Maple	tree, simple lf, entire margin, 5 pts.
<i>Carya cordiformis</i>	FAC	Bitternut Hickory	alt. cmpnd lvs, yellow bud!, no scales
<i>Carya ovata</i>	FACU	Shagbark Hickory	shaggy bark, young tree w/large bud
<i>Celtis occidentalis</i>	FACU	Hackberry	lvs simp., bark pimply & lt. gray
<i>Cercis canadensis</i>	FACU	Redbud	small tree, heart-shaped leaves
<i>Fraxinus pennsylvanica</i>	FACW	Green Ash	opposite, compound lvs
<i>Juglans nigra</i>	FACU	Black Walnut	cmpnd. lvs., > 10 lflets., aromatics
<i>Ligustrum vulgare</i>	FACU	Common Privet	shrub, opp. lvs.
<i>Lonicera canadensis</i>	FACU	Fly honeysuckle	large shrub, opp. lvs
<i>Lonicera japonica</i>	FAC	Japanese honeysuckle	trailing vine, opposite lvs
<i>Prunus serotina</i>	FACU	Black Cherry	simple lvs, drk brwn scaly bark
<i>Quercus muehlenbergii</i>	FAC	Chinquapin Oak	scalloped edges, pointy tips
<i>Quercus rubra</i>	FACU	Red Oak	lvs lobed & distinctly bristle tipped
<i>Rhus glabra</i>	FACU	Smooth Sumac	compound lvs, smooth petioles
<i>Rosa multiflora</i>	FACU	Multiflora Rose	stem w/ thorns, 5-7 leaflets
<i>Salix nigra</i>	FACW	Black Willow	tree to 20m, commonest willow
<i>Sassafras albidum</i>	FACU	Sassafras	mitten-shaped leaves
<i>Ulmus rubra</i>	FAC	Slippery Elm	zigzag twigs, lvs serrate, scabrous
<i>Viburnum prunifolium</i>	FACU	Cherry-Leaved Viburnum	shrub, opp. lvs, like cherry
<i>Vitis vulpina</i>	FACU	Frost Grape	tendrils opposite lvs, climbing