

# Autumn Plant Inventory of Calvin College Natural Areas

## Biology 346 Class Project, Fall 1998

[Ferns](#) | [Gymnosperms](#) | [Monocots](#) | [Herbaceous Dicots](#) | [Woody Dicots](#)

### Summary:

- Total # species = 307
- # Native Species = 207
- # non-Native species = 100

### Key to data:

- CAPS = non-native plant
- \* = herbarium specimen
- CC = 1 - 10
- WC = -5 - +5

Scientific Name	Common Name	CC	Habit	WC	1	2	3	4	5	6a	6b	7	8	9	10
<b>FERNS</b>															
Equisetum arvense	Field horsetail	0	fern	0				x							
Equisetum sylvaticum	Woodland horsetail	5	fern	-3			x								
Onclea sensibilis	Sensitive Fern	2	fern	-3			x								
<b>GYMNOSPERMS</b>															
Juniperus communis	Common juniper	4	shrub	3									x		
Juniperus virginiana	Red Cedar	3	tree	3	x	x							x		x
PICEA ABIES	Norway Spruce	-	tree	5				x							
Picea glauca	White Spruce	3	tree	3								x			
PICEA PUNGENS	Colorado Blue Spruce	-	tree										x		
Pinus banksiana	Jack Pine	5	tree	3									x		
Pinus resinosa	Red Pine	6	tree	2									x		
Pinus strobus	White Pine	3	tree	3	x					x		x	x		
PINUS SYLVESTRIS	Scots pine	-	tree	5	x									x	x
Pseudotsuga mienziesii	Douglas Fir	-	tree								x				
Taxus canadensis	Canadian Yew	5	shrub	3								x	x		
Thuja occidentalis	Arbor vitae	4	tree	-3								x	x		
Tsuga canadensis	Hemlock	5	tree	3								x			
<b>ANGIOSPERMS</b>															
<b>Monocots</b>															
ALLIUM SCHOENOPRASUM	Chives	-	forb	-1	x										
Andropogon scoparius	Little Bluestem	5	grass	1									x		
ANTHOXANTHUM ODORATUM	Sweet Vernal Grass	-	grass	3											x
Arisaema triphyllum	Jack-in-the-pulpit	5	forb	-2				x							
ASPARAGUS OFFICINALIS	Asparagus	-	forb	3	x								x		
BROMUS INERMIS	Smooth Brome	-	grass	5											x
Calamarostis canadensis	Blue joint grass	3	grass	-5											x
CALAMAGROSTIS STRICTA	Reedgrass (ornamental)	-	grass	1		x									
Carex blanda*	Sedge	1	sedge	0	x			x							
Carex crinita*	Sedge	4	sedge	-4											x
Carex gracillima*	Sedge	4	sedge	3				x							
Carex granularis	Sedge	2	sedge	-4				x							





Oxalis fontana	Yellow wood-sorrel	0	forb	3								x	x	
Oxalis stricta	Common yellow wood-sorrel	0	forb	3	x									
Penthorum sedoides	Ditch stonecrop	3	forb	-5	x								x	
Phytolacca americana	Pokeweed	2	forb	1	x		x		x		x	x		
Pilea pumila	Clearweed	5	forb	-3			x						x	
PLANTAGO ARISTATA	Bracted plantain	-	forb	5					x					
PLANTAGO LANCEOLATA	English plantain	-	forb	0					x				x	x
PLANTAGO MAJOR	Common plantain	-	forb	-1	x							x		
PLANTAGO MEDIA	Hoary plantain	-	forb	5									x	
Plantago rugelii	Red-stalked plantain	0	forb	0									x	
Polygonum amphibium	Water smartweed	6	forb	-5									x	
Polygonum hydropiper*	Water-pepper	1	forb	-5					x					
Polygonum pensylvanicum*	Pinkweed	0	forb	-4								x		x
Polygonum scandens	False buckwheat	2	vine	0								x		
Polygonum virginianum	Jumpseed	4	forb	0			x							
POTENTILLA ARGENTEA	Silvery cinquefoil	-	forb	3		x								
Potentilla palustris	marsh cinquefoil	7	forb	-5					x					x
POTENTILLA RECTA*	Rough-fruited cinquefoil	-	forb	5	x		x	x						x
PRUNELLA VULGARIS*	Self-heal	-	forb	0	x	x	x							
Ranunculus abortivus	Small flowered buttercup	0	forb	-2				x						
Ratibida pinnata	Yellow coneflower	4	forb	5	x									
Rudbeckia hirta*	Black-eyed susan	1	forb	3	x									
RUMEX CRISPUS*	Curly dock	-	forb	-1								x	x	x
Rumex verticillatus	Water dock	7	forb	-5			x							
Sanguinaria canadensis	Bloodroot	5	forb	4				x						
Scrophularia marilandica	Late figwort	5	forb	4							x			
SILENE PRATENSIS*	White campion	-	forb	5								x		
SOLANUM CAROLINENSE*	Horse nettle	-	forb	4			x					x	x	
SOLANUM DULCAMARA*	Devil's nightshade	-	vine	0	x	x	x		x		x	x	x	x
Solidago altissima	Tall goldenrod	1	forb	3									x	
Solidago caesia	Blue-stemmed goldenrod	7	forb	3				x						
Solidago canadensis*	Canadian goldenrod	1	forb	3	x	x	x	x	x			x	x	x
Solidago flexicaulis	Broad-leaved goldenrod	6	forb	3	x									
Solidago gigantea	Late goldenrod	3	forb	-3				x						
Solidago riddellii	Riddell's goldenrod	6	forb	-5									x	
Solidago rugosa	Rough goldenrod	3	forb	-1				x						
Solidago speciosa	Showy goldenrod	5	forb	5	x				x			x	x	x
SONCHUS ARVENSIS	Perennial sow thistle	-	forb	1			x							
SONCHUS OLERACEUS	Common sow thistle	-	forb	3			x							
TARAXACUM OFFICINALE	Common Dandelion	-	forb	3	x	x		x				x	x	
TRIFOLIUM PRATENSE*	Red Clover	-	forb	2	x	x						x	x	x
Triosteum aurantiacum	Wild coffee	5	forb	5				x						
Urtica dioica*	Stinging nettle	1	forb	-1					x			x	x	x
VERBASCUM BLATTARIA*	Moth mullein	-	forb	4									x	
VERBASCUM THAPSUS	Common Mullein	-	forb	5	x		x					x	x	x
Verbena hastata	Blue vervain	4	forb	-4	x									
Verbena urticifolia	White vervain	4	forb	-1									x	
VERONICA sp.	Veronica	-	forb										x	
VINCA MINOR	Periwinkle, myrtle	-	shrub	5	x				x			x		
Viola pubescens*	Downy yellow violet	4	forb	4			x							
<b>Woody Dicots</b>														
ACER GINNALA	Amur maple	-	tree	5										x
Acer negundo*	Box elder	0	tree	-2	x	x	x		x		x	x	x	x
ACER PALMATUM	Japanese maple	-	tree							x				
ACER PLATANOIDES	Norway maple	-	tree	5	x	x	x		x	x		x	x	
Acer rubrum	Red maple	1	tree	0	x		x		x			x		x
Acer saccharinum	Silver Maple	2	tree	-3	x	x	x		x				x	x

Acer saccharum*	Sugar Maple	5	tree	3	x	x		x					x	x	x
AILANTHUS ALTISSIMA	Tree of heaven	-	tree	5	x		x						x	x	
Amelanchier arborea*	Juneberry	4	tree	3				x							
Amelanchier interior	Serviceberry	4	tree	5	x										
Amerlanchier sp.	Serviceberry		tree			x									
BERBERIS THUNBERGIL	Japanese barberry	-	shrub	4				x					x		
Betula papyrifera	Paper birch	2	tree	2							x	x			
Carpinus caroliniana	Blue-beech	6	tree	0	x			x						x	
Carya glabra	Pignut hickory	5	tree	3	x						x			x	
Carya laciniosa	Kingnut hickory	9SC	tree	-3						x					
Carya ovata	Shagbark hickory	5	tree	3	x	x		x							x
Cephalanthus occidentalis*	Buttonbush	7	tree	-5				x						x	
Cercis canadensis	Redbud	8	tree	3	x			x					x		
Cornus amomun*	Silky dogwood	2	shrub	-4	x			x		x					
Cornus alternifolia	Alternate-leaved dogwood	5	tree	5					x				x		
Cornus florida	Flowering dogwood	8	tree	4		x		x							
Cornus foemina*	Grey-bark dogwood	1	shrub	-2	x		x	x	x				x	x	x
Cornus rugosa	Round-leaved dogwood	6	shrub	5	x		x								
Cornus stolonifera	Red-osier dogwood	2	shrub	-3		x			x				x		
Crataegus pruinosa	Hawthorn	6	tree	5				x							
Crataegus sp.	Hawthorn		tree		x	x			x		x			x	x
ELAEAGNUS ANGUSTIFOLIA	Russian Olive	-	tree	4	x										
ELAEAGNUS UMBELLATA	Autumn olive	-	shrub	3										x	
EUONYMUS ALATA	Winged wahoo	-	shrub	5									x		
Euonymus atropurpurea	Burning Bush	8SC	shrub	1									x		
EUONYMUS EUOROPAEA	Spindle tree	-	shrub	5	x										
Fagus grandifolia	American beech	6	tree	-3				x	x						
FORSYTHIA sp.	Forsythia	-	shrub											x	
Fraxinus americana	American ash (white)	5	tree	-3		x	x		x	x				x	x
Fraxinus pennsylvanica	Red Ash	2	tree	1		x								x	
Gleditsia tricanthos	Honey Locust	8	tree	0			x								x
Hamamelis virginiana	Witch-hazel	5	shrub	3				x							
Juglans nigra	Black-walnut	5	tree	3	x	x									
LIGUSTRUM VULGARE	Common privet	-	shrub	1	x		x							x	
Lonicera canadensis	American fly honeysuckle	5	shrub	3		x									
Lonicera dioica	Red honeysuckle	5	vine	3					x		x				
LONICERA MAACKII	Amur honeysuckle	-	shrub	5	x										
LONICERA MORROWII	Morrow honeysuckle	-	shrub	5		x			x		x			x	
LONICERA TATARICA	Tartarian honeysuckle	-	shrub	3				x							
LONICERA XYLOSTEUM	Europena Honeysuckle	-	shrub	5							x				
LONICERA sp.	Honeysuckle	-	shrub			x			x						
MAGNOLIA sp.	Magnolia	-	tree											x	
Malus coronaria	Wild Crab	4	tree	5	x		x		x						
MALUS PUMILA	Common apple	-	tree	5	x	x		x	x					x	x
Mitchela repens	Partridge berry	5	shrub	2			x								
MORUS ALBA	White mulberry	-	tree	0	x						x	x	x		x
Morus rubra	Red Mulberry	9SC	tree	1										x	
Nyssa sylvatica	Black gum	9	tree	-4				x							
Ostrya virginiana*	Ironwood	5	tree	4	x	x		x							
Parthenocissus inserta	Thicket creeper	4	vine	3					x						
Parthenocissus quinquefolia	Virginia creeper	5	vine	1	x	x	x	x	x						x
Populus deltoides	Cottonwood	1	tree	-1	x		x		x						x
POPULUS NIGRA var. ITALICA	Lombardy poplar	-	tree	5		x								x	
Populus grandidentata	Big-toothed aspen	4	tree	3										x	
Populus tremuloides	Trembling aspen	1	tree	0										x	x
Prunus nigra	Canada plum	4	tree	4		x									
Prunus pensylvanica	Pin cherry	3	tree	4		x									
Prunus serotina*	Wild Black Cherry	2	tree	3	x		x	x	x	x			x		x

