A Field Guide to Wildflowers MOHAWK LANDING NATURE PRESERVE TOWN OF CLIFTON PARK

FOREWORD

A Field Guide to Wildflowers - Mohawk Landing Nature Preserve (1st edition), is neither exhaustive nor authoritative in its content or presentation. Rather, it is offered as a compendium of color photographs and a variety of factoids from several reliable sources (please view those listed in the "References" section) to assist a visitor at this preserve to observe, identify and enjoy the chronological order of blooming wildflowers found along its principal trails. I view this document as an ongoing "work in progress."

My contribution of information is in the majority of the color photographs herein as well as the notation of both when and where a particular species will be found blooming here. All other content is derived from the excellent references identified at the end of this publication.

I hope you will find this field guide useful in assisting you to find and identify the myriad of wildflower blooms that are present here: from the miniscule (arrow-leaved tearthumb) to the mundane (clovers), from the exploitably vulnerable (common winterberry) to the invasive (common buckthorn), and from the native (trout lily) to the naturalized (debtford pink).

Should you encounter me along one of the paths noted on the map, feel free to tag along in my continuing search for additional species. I hope this publication enables you to better understand and enjoy your future visits to this small preserve with its surprisingly diverse assemblage of habitats.

Encourage others to obtain this FREE publication (and similar field guides for other local preserves) simply by visiting my Curious By Nature web site (see link below) and downloading it at their convenience. Please browse my web site for the announcement of those "new arrivals."

Happy trails!
David H. Behm
http://curiousbynature.mysite.com

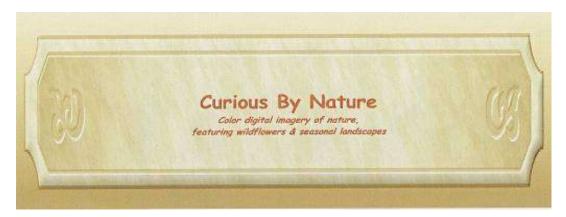


TABLE OF CONTENTS

			TABLE OF CONTE			
	ation Map of Preserve	1	Wildflowers That Begin Bloc	oming in May -	Wildflowers That Begin Blo	oming in May -
Wild	dflowers That Begin Bloom	ning in March -	Smaller Pussytoes	31	Field Pennycress	62
	Coltsfoot	2	Smooth Shadbush	32	Maiden's Tears	63
	Red Maple	3	Toringo Crabapple	33	Morrow's Honeysuckle	64
					Pennsylvania Bitter	
	Skunk Cabbage	4	Wild Strawberry	34	Cress	65
Wild	dflowers That Begin Bloom	ning in April -	Wk 2 Apple	35	Smooth Rock Cress	66
Wk	2 Black Willow	5	Black Cherry	36	Tartarian Honeysuckle	67
			•		Thyme-leaved	
	Common Dandelion	6	Black Medick	37	Speedwell	68
	Lyre-leaved Rock Cress	7	Canada Mayflower	38	Wk 4 Alsike Clover	69
	•		•		Alternate-leaved	
	Roman Hyacinth	8	Chokecherry	39	Dogwood	70
	•		Common Blue-eyed		· ·	
	Selkirk's Violet	9	Grass	40	American Brooklime	71
	Smooth Alder	10	Common Buckthorn	41	Asparagus	72
Wk	3 Common Shadbush	11	Common Winter Cress	42	Autumn-olive	73
	Early Buttercup	12	Early Low Blueberry	43	Birdsfoot Trefoil	74
	Golden Saxifrage	13	Early Winter Cress	44	Black Locust	75
	Rue Anemone	14	English Plantain	45	Broad-leaved Dock	76
			Japanese Honeysuckle			
	Spicebush	15	,	46	Bulbous Buttercup	77
	Swamp Shadbush	16	Low Hop Clover	47	Common Barberry	78
Wk	4 Garlic Mustard	17	Mayapple	48	Common Blackberry	79
	Hairy Rock Cress	18	Mouse-ear Chickweed	49	Common Cinquefoil	80
	Highbush Blueberry	19	Northern Bedstraw	50	Cow Vetch	81
			Northern Jack-in-the-			
	Ironwood	20	pulpit	51	Cranberry Viburnum	82
	Japanese Barberry	21	Round-leaved Ragwort	52	Curled Dock	83
	,		-		Eastern Blue-eyed	
	Prickly Gooseberry	22	Smooth Gooseberry	53	Grass	84
	Small-flowered		·			
	Crowfoot	23	Wild Columbine	54	Field Hawkweed	85
	Trout Lily	24	Wild Geranium	55	Golden Alexanders	86
	Wood Strawberry	25	Wild Sarsaparilla	56	Long-leaved Stitchwort	87
	•				Maple-leaved	
Wild	dflowers That Begin Bloom	ning in May -	Wk 3 Amur Maple	57	Viburnum	88
	American Black					
Wk	1 Currant	26	Black Chokeberry	58	Mouse Ear	89
	Field Pussytoes	27	Common Privet	59	Nannyberry	90
	Hawthorn	28	Creeping Buttercup	60	Oxeye Daisy	91
	Jack-in-the-pulpit	29	Dwarf Cinquefoil	61	Philadelphia Fleabane	92
	Lily-of-the-valley	30	-		Red Clover	93
	•					

TABLE OF CONTENTS (continued)

14.55			TABLE OF CONTENTS (C	•	W. W. T. (D. : D.	
Wild	Iflowers That Begin Bloo		Wildflowers That Begin Bloo	•	Wildflowers That Begin Blo	_
	Red Raspberry	94	Common Elderberry	127	Common Winterberry	160
			Common Evening			
	Silky Dogwood	95	Primrose	128	Crown Vetch	161
					Enchanter's	
	Swamp Buttercup	96	Common Plantain	129	Nightshade	162
	Sweetflag	97	Creeping Wood Sorrel	130	Indian Pipe	163
	Tall Buttercup	98	Debtford Pink	131	Rough Cinquefoil	164
	Thimbleberry	99	False Indigo	132	Spotted Jewelweed Sweet-scented	165
	White Clover	100	Foxglove Beardtongue	133	Bedstraw	166
	Wild Madder	101	Hairy Beardtongue	134	Tall Thistle	167
	Yellow Goatsbeard	102	Lady's Thumb	135	Virginia Creeper	168
	Yellow Sweet Clover	103	Large Blue Flag	136	Yellow Avens	169
Wild	Iflowers That Begin Bloo		Large Mouse Ear	137	Wildflowers That Begin Ble	
	I Alfalfa	104	Moneywort	138	Wk 1 American Basswood	170
	Asiatic Bittersweet	105	Orange Hawkweed	139	Bristly Dewberry	171
	Bittersweet Nightshade	106	Pasture Rose	140	Clayton's Bedstraw	172
	Common Cattail	107	Poison-ivy	141	Ditch Stonecrop	173
	Common Speedwell	108	Spotted Knapweed	142	Monkey Flower	174
	Daisy Fleabane	109	Staghorn Sumac	143	Northern Willow Herb	175
	Gray Dogwood	110	Summer Grape	144	Queen Anne's Lace	176
	Hedge Bindweed	111	Sweetbrier	145	Smooth Sumac	177
	Hop Clover	112	Thimbleweed	146	Virginia Bugleweed	178
					Arrow-leaved	
	Lesser Daisy Fleabane	113	White Avens	147	Wk 2 Tearthumb	179
	Multi-flora Rose	114	Yarrow	148	Bull Thistle	180
	Narrow-leaved Cattail	115	Wk 3 Black-eyed Susan	149	Canada Thistle	181
			•		Halbred-leaved	
	Northern Arrowwood	116	Common Mullein	150	Tearthumb	182
	Riverbank Grape	117	Common St. Johnswort	151	Hedge Mustard	183
	•		Heart-leaved		G	
	Slender Vetch	118	Umbrellawort	152	Helleborine	184
	Small Sundrops	119	Intermediate Dogbane	153	Milk Purslane	185
	Stout Blue-eyed Grass	120	Nipplewort	154	Virginia Stickseed	186
	Sulphur Cinquefoil	121	Selfheal	155	Water Horehound	187
	Watercress	122	White Sweet Clover	156	Wk 3 Agrimony	188
	Wild Parsnip	123	Wk 4 Blue Vervain	157	Boneset	189
	Yellow Wood Sorrel	124	Butter-and-eggs	158	Common Burdock	190
Wk 2	2 Canada Hawkweed	125	Common Milkweed	159	Horseweed	191
	Chicory	126			Nodding Smartweed	192

TABLE OF CONTENTS (continued) Wildflowers That Regin Blooming in August

Wildflowers That Begin Bl	ooming in July -	Wildflowers That Begin Bases Blue-stemmed	looming in August -	References
White Vervain	193	Wk 4 Goldenrod	225	
Wild Mint	194	Bushy Aster	226	
Wk 4 Black Nightshade	195	Gray Goldenrod	227	
Common Dodder	196	Stout Goldenrod	228	
Early Goldenrod	197	Wildflowers That Begin B	looming in September -	
Indian Tobacco	198	Wk 1 New England Aster	229	
		Rough-leaved		
Jumpseed	199	Goldenrod	230	

Spiny-leaved Sow	
Thistle	202
Spotted Joe-pye Weed	203
Trumpetweed	204
Wild Lettuce	205
Wild Senna	206

Prickly Lettuce

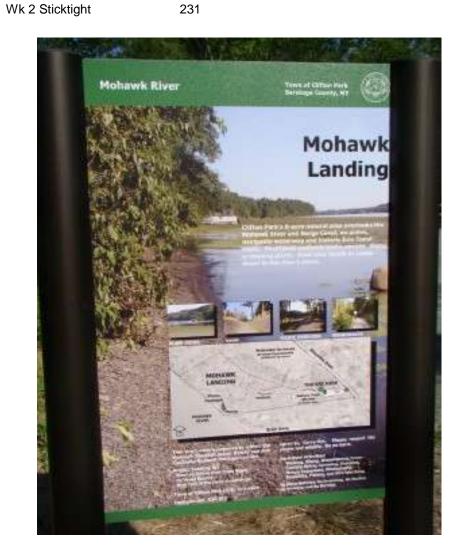
Purple Loosestrife

Wildflowers That Regin Blooming in August -

200

201

wilatiowers That Begin Bloc	oming in August
Wk 1 Common Hop	207
Purple-stemmed Aster	208
Red-osier Dogwood	209
Wild Cucumber	210
Wk 2 Canada Goldenrod	211
Erect Knotweed	212
Hog Peanut	213
Lance-leaved	
Goldenrod	214
Purple-leaved Willow	
Herb	215
Tall Blue Lettuce	216
Tall Goldenrod	217
Tall Rattlesnake Root	218
Three-seeded Mercury	219
White Lettuce	220
White Wood Aster	221
Wk 3 Hairy Goldenrod	222
Late Goldenrod	223
One-seeded Bur	
Cucumber	224



232



Coltsfoot (Tussilago farfara)

			Blooms First Observed	Protected	
Form	Native	Invasive	(Week #)	Status	Where Found
Forb	no	YES	March (late)	none	Damp soil of stream banks and waste places: Boardwalk
7	or more	regular flow	ver parts		Trail and Meadow Loop



Photo Credit: David H. Behm © 2011

Red Maple (Acer rubrum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Tree	YES	no	March (late)	none	Wet woods and second growth forests: All trails
F	lower pai	rts indisting	juishable		



Photo Credit: David H. Behm © 2011

NOTE: Syrup made by boiling sap collected in early spring before leaves appear; however, sugar maple sap is most often used.

			Skun	k Cabbage	(Symplocarpus foetidus)
Form Na		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb Y	/ES	no	March (late)	none	Swamps: All trails
	Irre	gular flowe	rs		

Photo Credit: David H. Behm © 2011

Black Willow (Salix nigra)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Tree	YES	no	April (2)	none	Damp soils: Boardwalk Trail
F	Flower parts indistinguishable				



Common Dandelion (*Taraxacum officinale*)

			Collin	ion Danuell	on (Taraxacum officinale)
Form	Native	Invasive		Protected Status	Where Found
Forb	no	no	April (2)	none	Waste places: All trails
7	or more	regular flow	wer parts		
ランドラング					

Photo Credit: David H. Behm © 2011

Lyre-leaved Rock Cress (Arabis lyrata)

	Lyre-leaved Ro	ck Cress (Arabis lyrata)
Form Native Invasive		Where Found
Forb YES no 4 regular flower	April (2) none	Rocky or sandy places: Forest Loop

Roman Hyacinth (Hyacinthus orientalis var. albulus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	April (2)	none	Rocky hillsides: adjoining parking lot along Riverview Road			
	6 regu	ılar flower p	oarts					
	6 regular flower parts							



Photo Credit: David H. Behm © 2011

NOTE: Blue and white forms are present.

Selkirk's Violet (Viola selkirkii)

Forn	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	April (2)	none	Cool woods: Boardwalk Trail
	Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

Smooth Alder (Alnus serrulata)

			3	Smooth Ald	er (Alnus serrulata)
		Invasive		Protected Status	Where Found
Shrub	YES	no	April (2)	none	Streambanks and swamp borders: Forest Loop
F	lower pa	rts indisting	juishable		

Common Shadbush (Amelanchier arborea var. arborea)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub/ Tree	YES	no	April (3)	none	Rich woods and thickets: Meadow Loop and Forest Loop
	5 regเ	ılar flower p	oarts		



	Early	Buttercup	(Ranunculus fascicularis)
Form Native Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb YES no 5 regular flower p	April (3)	none	Dry or rich woods and ledges: Boardwalk Trail and Meadow
3 regular nower p			Loop

Photo Credit: David H. Behm © 2011

Golden Saxifrage (Chrysosplenium americanum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	April (3)	none	Wet places: All trails
4 regular flower parts					



Photo Credit: Keir Morse

Rue Anemone (Thalictrum thalictroides)

					i nalictrum thalictroides)
Form Forb	Native YES	Invasive		Protected Status	Where Found
		no	April (3)	none	Open woods: Forest Loop
	or more	regular flo	wer parts		

Photo Credit: David H. Behm © 2011

Spicebush (Lindera benzoin)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	April (3)	none	Damp woods and along streams: Forest Loop
	Flower pa	rts indisting	juishable		



Swamp Shadbush (Amelanchier canadensis)

Form	Native	Invasive	Obsei veu	Protected Status	Where Found
Shrub	YES	no	April (3)	no	Swamps and moist soil: Forest Loop
	5 regu	ılar flower ı	oarts		



Photo Credit: http://cottagefeast.cottagelife.com/wp-content/uploads/2010/04/Amelanchier_canadensis.jpg, 4/13/2011.

Garlic Mustard (Alliaria petiolata)

			_		M (Alliaria petiolata)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	YES	April (4)	none	Roadsides and open woods: All trails
	4 regւ	ılar flower p	oarts		

					ad, Clifton Park, NY ress (Arabis hirsuta)	
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found	
Forb	YES 4 regu	no ılar flower p	April (4)	none	Rocks and ledges: Forest Loop	

Photo Credit: http://www.uniprot.org/taxonomy/78191, 7/10/2011.

Highbush Blueberry (Vaccinium corymbosum)

Form		Invasive		Protected Status	Where Found
Shrub	YES	no ılar flower p	April (4)	none	Swamps, pastures and woods: Forest Loop
					Photo Credits: David H. Behm © 2011

NOTE: Edible fruit ripens in July

Ironwood (Carpinus caroliniana ssp. virginiana)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Tree	YES	no	April (4)	none	Bottomlands and other rich soils: Boardwalk Trail
F	lower pa	rts indisting	juishable		



Photo Credit: David H. Behm © 2011

Japanese Barberry (Berberis thunbergii)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	April (4)	none	Thickets and pastures: Forest Loop
	6 regular flower parts				



Prickly Gooseberry (Ribes cynosbati)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	April (4)	none	Rocky woods: Forest Loop
	5 regular flower parts				





Photo Credits: (L) http://www.thismia.com/R/Ribes_cynosbati.html, 4/13/2011; (R) David H. Behm © 2011

Small-flowered Crowfoot (Ranunculus abortivus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	April (4)	none	Woods and moist slopes: Boardwalk Trail and Forest Loop
5 regular flower parts					



Photo Credit: David H. Behm © 2011

Trout Lily (*Erythronium americanum*)

		110	di Lily (Liya	thronium americanum)
	Invasive	Blooms First Observed (Week #) April (4)	Protected Status	Where Found
Forb YES 6 regu	no ılar flower ı	April (4) parts	none	Moist woods: Boardwalk Trail and Forest Loop

Photo Credit: David H. Behm © 2011

	Wood Str	awberry (F	ragaria vesca ssp. americana)
Form Native Invasive		Protected Status	Where Found
Forb YES no 5 regular flower	April (4) parts	none	Open woods and rocky pastures: All trails

Photo Credits: (L) David H. Behm © 2011; (R) http://commons.wikimedia.org/wiki/File:Fragaria_vesca_berry2.JPG, 7/24/2010. <u>Culturally Significant Plant</u>: Ethnobotanic = Several Native American tribes gathered fruit as food and prepared tea from leaves (http://plants.usda.gov/plantguide/pdf/cs_frve.pdf).

American Black Currant (Ribes americanum)

Form		Invasive		Protected Status	Where Found
Shrub	YES	no	May (1)	none	Rich woods, moist thickets and stream banks: Forest Loop
	5 regu	ılar flower p	oarts		
					Photo Credits: David H. Behm © 2011

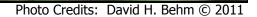
NOTE: Edible fruit ripens by mid-July

Field Pussytoes (Antennaria neglecta)

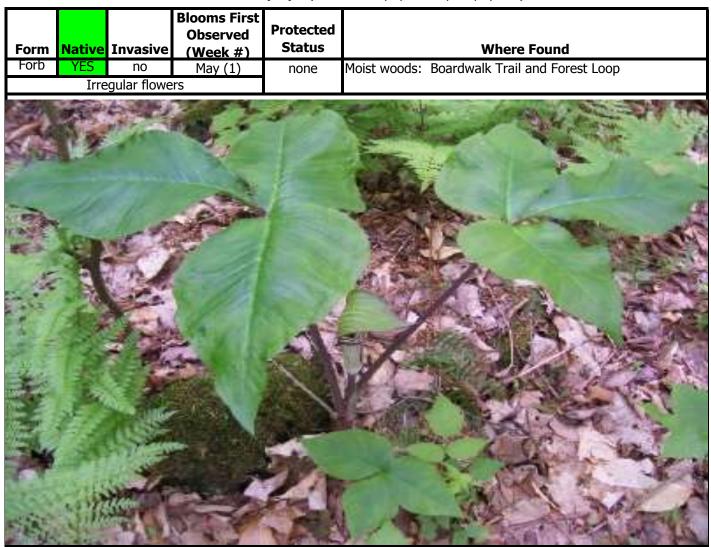
	Fiel	d Pussytoe	s (Antennaria neglecta)
Form Native Invasive Forb YES no Flower parts insting	May (1)	Protected Status none	Where Found Woods, fields and banks: Meadow Loop
riower parts insting	Manage		
	1	$-\hat{\eta}$	

Photo Credit: Merel R. Black, University of Wisconsin-Madison.

	Riverview Road, Ciliton Park, NY								
	Hawthorn (Crataegus sp.)								
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found				
Shurb/ Tree	YES	no ılar flower	May (1)	none	Open woods and hillsides: Boardwalk Trail and Forest Loop				
The state of the s									



Jack-in-the-pulpit (Arisaema triphyllum ssp. triphyllum)



Lily-of-the-valley (Convallaria majalis)

					ey (Convallaria majalis)
Form		Invasive	Blooms First Observed (Week #) May (1)	Protected Status	Where Found
Forb	no	no	May (1)	none	Woods and thickets: Forest Loop
	6 regu	ılar flower	parts		

Smaller Pussytoes (Antennaria howellii ssp. neodioica)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	May (1)	none	Woods, fields and banks: Forest Loop
F	Flower parts instinguishable				



Photo Credit: David H. Behm © 2011

Smooth Shadbush (Amelanchier laevis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	May (1)	none	Woods and thickets: Boardwalk Trail and Forest Loop
	5 regular flower parts				



Photo Credit: David H. Behm © 2011

Toringo Crabapple (Malus sieboldii)

				_	ppic (Fialas siebolally
Form		Invasive	Blooms First Observed (Week #) May (1)	Protected Status	Where Found
Shrub	no	no	May (1)	none	Woods: Boardwalk Trail
	5 regเ	ılar flower	parts		

Photo Credit: David H. Behm © 2011

Wild Strawberry (Fragaria virginiana)



Photo Credits: (L) David H. Behm © 2011; (R) Christopher Noll, Madison, WI.

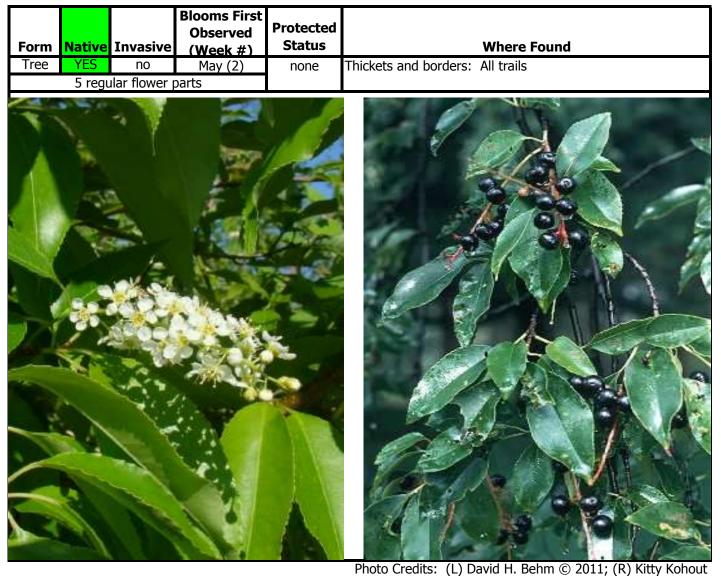
<u>Culturally Significant Plant</u>: *Ethnobotanic* = Many North American tribes ate fruit as food; some tribes made tea from leaves (http://plants.usda.gov/plantguide/pdf/cs_frvi.pdf).

Apple (Malus pumila)

					rialus purrilla)
		Invasive		Protected Status	Where Found
Tree	no	no	May (2)	none	Spread from cultivation: Boardwalk Trail and Forest Loop
	5 regu	ılar flower	parts		

Photo Credits: David H. Behm © 2011

Black Cherry (Prunus serotina)



NOTE: Edible fruit ripens by September

Black Medick (Medicago lupulina)

Fo	orm	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
F	orb	no	no	May (2)	none	Roadsides and waste places: Boardwalk Trail and Meadow
		Irre	gular flowe	rs		Loop



Photo Credit: David H. Behm © 2011

Canada Mayflower (Maianthemum canadense)

		· (Maianthemum canadense)
Form Native Invasive		Where Found
Forb YES no	May (2) none	Woods: Forest Loop
ا 4 regular flower	parts	

Photo Credit: David H. Behm © 2011

Chokecherry (Prunus virginiana)

			·	покеспетту	(Prunus virginiana)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shurb/ Tree	YES 5 reau	no ılar flower _l	May (2)	none	Thickets and borders: Boardwalk Trail and Forest Loop

Photo Credits: (L) David H. Behm © 2011; (R) Andy Wasowski

<u>Culturally Significant Plant</u>: Ethnobotanic = Many North American tribes used fruit for food, particularly in cooking and as ingredient in pemmican; some tribes used the plant (including tea from its leaves) for a variety of medicinal uses because of its astringent properties and beneficial effect upon the respiratory system (http://plants.usda.gov/plantguide/pdf/cs_prvi.pdf).

Common Blue-eyed Grass (Sisyrinchium montanum var. montanum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	May (2)	none	Fields and meadows: Boardwalk Trail and Meadow Loop
	6 real	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Common Buckthorn (Rhamnus cathartica)

Form		Invasive		Status	Where Found
Shrub		YES	May (2)	none	Hedgerows and thickets: All trails
	4 regu	ılar flower p	oarts		

Photo Credits: David H. Behm © 2011

Common Winter Cress (Barbarea vulgaris)

					Cress (Baidalea Vulgaris)
Form	Native	Invasive		Protected Status	Where Found
Forb	no	no	May (2)	none	Roadsides and meadows: Boardwalk Trail
	4 regu	ılar flower ı	oarts		
	ので)		1	
		Ø.		4	
	いる	i j			
					WANT COM

Photo Credit: David H. Behm © 2011

Early Low Blueberry (Vaccinium angustifolium)

Form Native Invasive Shrub YES no 5 regular flower	May (2)	Protected Status none	Where Found Dry open soil: Forest Loop
		3	
		Y	
			Photo Credito: David H. Rohm @ 2011

Early Winter Cress (Barbarea verna)

			Ear	ly Winter C	ress (Barbarea verna)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no 4 regu	no ular flower p	May (2)	none	Roadsides and meadows: Boardwalk Trail
			Jan S		

Photo Credit: David H. Behm © 2011

English Plantain (Plantago lanceolata)



Photo Credit: David H. Behm © 2011

Japanese Honeysuckle (Lonicera japonica)

Form	Native	Invasive	Obsei veu	Protected Status	Where Found
Shrub	no	YES	May (2)	none	Widespread weed: All trails
	Irre	gular flowe	rs		



Photo Credit: David H. Behm © 2011

Low Hop Clover (*Trifolium campestre*)

				•	(Thiolium Campesure)
Form Forb	Native	Invasive	Blooms First Observed (Week #) May (2)	Protected Status none	Where Found Fields and roadsides: Boardwalk Trail
	Irre	gular flowe	ers		
	Irre	egular flower	ers		

Photo Credit: David H. Behm © 2011

Mayapple (Podophyllum peltatum)

Form Forb	Native YES	Invasive	Blooms First Observed (Week #) May (2)	Protected Status none	Where Found Rich woods and pastures: Forest Loop
1015		lar flower p	narts	Hone	Rich woods and pastures. Forest Loop
	6 regu	llar flower p	parts		

Photo Credits: (L) David H. Behm © 2011; (R) Robert W. Freckmann, University of Wisconsin-Stevens Point. NOTE: Edible fruit ripens in mid-August

Mouse-ear Chickweed (Cerastium fontanum ssp. vulgare)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (2)	none	Roadsides: All trails
	5 regular flower parts				



Photo Credit: Merel R. Black, University of Wisconsin-Madison.

Northern Bedstraw (Galium boreale)

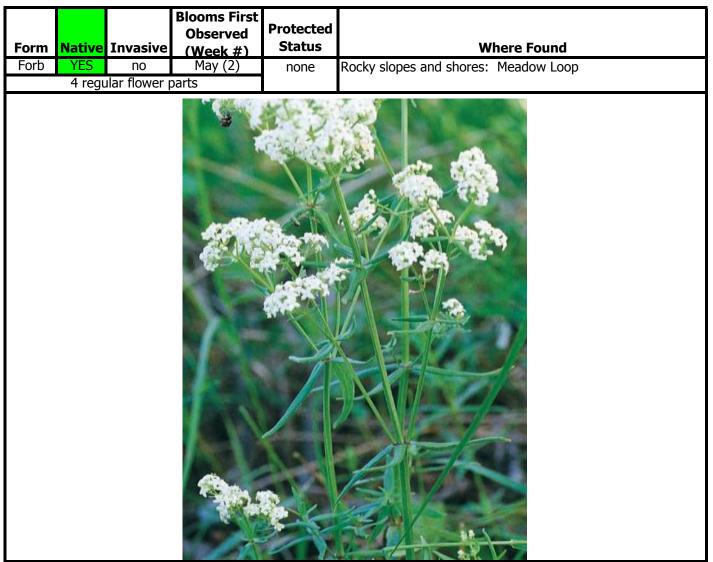


Photo Credit: Collin Stone, http://www.agf.gov.bc.ca/range/RangeID/Images/galium%2520boreale1.jpg, 3/7/2010.

Northern Jack-in-the-pulpit (Arisaema triphyllum ssp. stewardsonii)

				Alisaema uipiiyiiam ssp. stewarasomi)
	Invasive	Blooms First Observed (Week #) May (2)	Protected Status	Where Found
Forb YES	no	May (2)	none	Moist woods: Boardwalk Trail and Forest Loop
Irre	egular flowe	ers		
	469		Y	

Photo Credit: David H. Behm © 2011

Round-leaved Ragwort (Packera obovata)

	N - 11		Blooms First Observed	Protected	
Form	Native	Invasive	(Week #)	Status	Where Found
Forb	YES	no	May (2)	none	Woods and rocky banks: Forest Loop
7	7 or more regular flower parts				



Photo Credits: David H. Behm © 2011

Smooth Gooseberry (Ribes hirtellum)

Form		Invasive		Protected Status	Where Found
Shrub	YES 5 regu	no ılar flower ı	May (2) parts	none	Woods and swamps: Forest Loop
	5 regu	liar nower	parts - Control of the control of th		
					-0.

Photo Credits: David H. Behm © 2011

NOTE: Edible fruit ripens late July

Wild Columbine (Aquilegia canadensis)

			Wild	l Columbine	A (Aquilegia canadensis)
Form		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	(Week #) May (2)	none	Rocky woods and ledges: Boardwalk Trail and Forest Loop
	5 regu	ılar flower ı	oarts		(particularly on bluff face along Mohawk River)
	であると				
N. Y.					

Photo Credit: David H. Behm © 2011

Wild Geranium (Geranium maculatum)

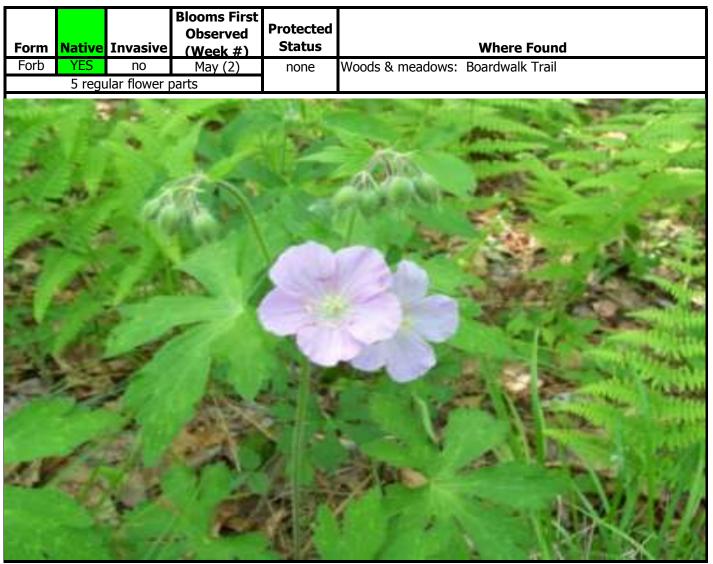


Photo Credit: David H. Behm © 2011

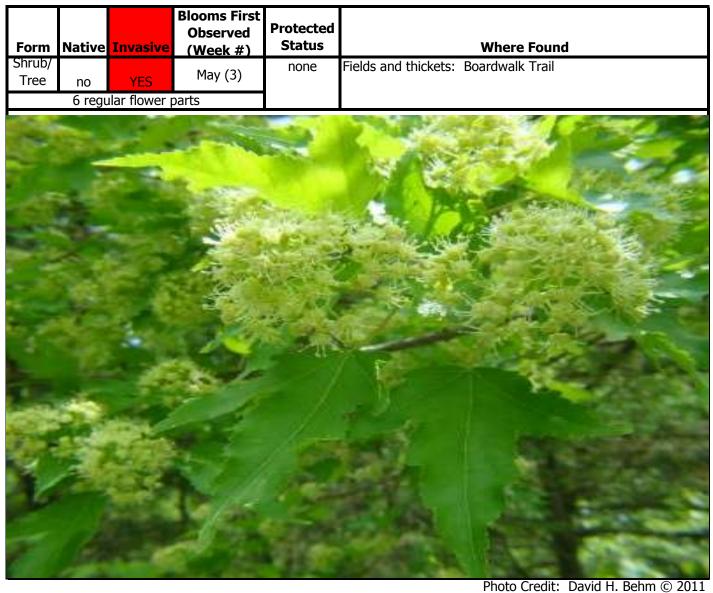
Wild Sarsaparilla (Aralia nudicaulis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status		Where Found
Forb	YES	no	May (2)	none	Woods: Forest Loop	
	5 regular flower parts					



Photo Credit: David H. Behm © 2011

Amur Maple (Acer ginnala)



57

Black Chokeberry (Aronia melanocarpa)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	May (3)	none	Low woods, thickets and roadsides: Boardwalk Trail
	5 regular flower parts				



Photo Credit: David H. Behm © 2011

Common Privet (Ligustrum vulgare)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	May (3)	none	Thickets and roadsides: Boardwalk
	4 regu	ılar flower p	oarts		



Photo Credit: David H. Behm © 2011

Creeping Buttercup (Ranunculus repens)

Form	Native	Invasive	Obsei veu	Protected Status	Where Found
Forb	no	YES	May (3)	none	Ditches and low grounds: Boardwalk Trail
	5 regular flower parts				



Photo Credit: David H. Behm © 2011

Dwarf Cinquefoil (Potentilla canadensis)

			DWa	ii Ciliqueloi	l (Potentilla canadensis)
Form		Invasive		Protected Status	Where Found
Forb	YES	no	May (3)	none	Dry soil: All trails
	5 regu	ılar flower p	oarts		
	1) /e	

Photo Credit: David H. Behm © 2011

Field Pennycress (Thlaspi arvense)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (3)	none	Fields and waste places: All trails
	4 regular flower parts				·



Photo Credit: David H. Behm © 2011

Maiden's-tears (Silene vulgaris)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (3)	none	Fields and roadsides: Meadow Loop
	5 regular flower parts				·



Photo Credit: David H. Behm © 2011

Morrow's Honeysuckle (Lonicera morrowii)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	May (3)	none	Thickets and roadsides: All trails
	5 regular flower parts				



Photo Credit: Steve C. Garske, Great Lakes Indian Fish & Wildlife Commission

Pennsylvania Bitter Cress (Cardamine pensylvanica)

Pennsylvania bitter Cress (Cardannine pensylvanica)					
		Invasive		Protected Status	Where Found
Forb	YES	no	May (3)	none	Swamps and wet meadows: All trails
	4 regւ	ılar flower	parts		

Photo Credit: David H. Behm © 2011

Smooth Rock Cress (Arabis laevigata)

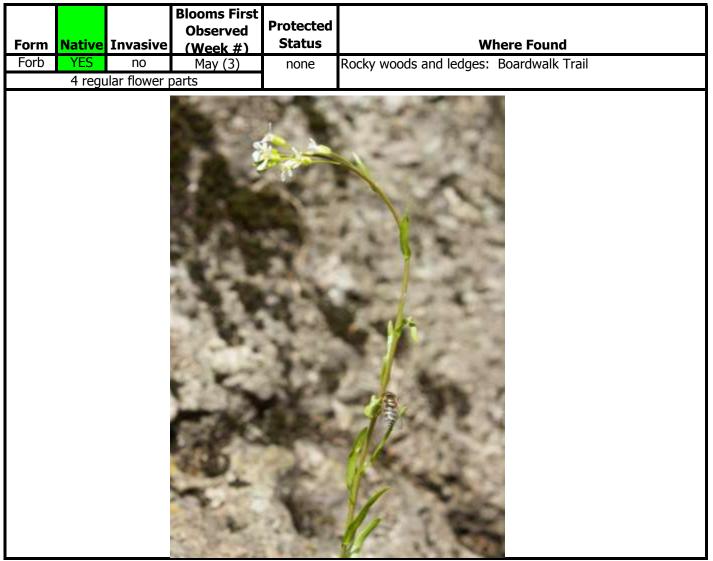


Photo Credit: http://minneflora.com/classify/Brassicaceae/Arabis/, 7/10/2011.

Tartarian Honeysuckle (Lonicera tatarica)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	May (3)	none	Thickets and roadsides: Forest Loop
5 regular flower parts					



Photo Credit: David H. Behm © 2011

Thyme-leaved Speedwell (Veronica serpyllifolia ssp. serpyllifolia)

	Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
I	Forb	no	no	May (3)	none	Grassy places or damp soil: All trails
I		Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

Alsike Clover (Trifolium hybridum)

			Al	sike Clover	(Trifolium hybridum)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and roadsides: Boardwalk Trail and Meadow Loop
	Irre	gular flowe	rs		
X		P			



Photo Credit: David H. Behm © 2011

Alternate-leaved Dogwood (Cornus alternifolia)

			Aiternati	e-leaved Do	gwood (Cornus alternifolia)
		Invasive		Protected Status	Where Found
	YES	no	May (4)	none	Woods and borders: Boardwalk Trail
,	4 regu	lar flower p	oarts		

Photo Credit: David H. Behm © 2011

American Brooklime (Veronica americana)

					me (veronica americana)
Form		Invasive		Protected Status	Where Found
Forb	YES	no	May (4)	none	Swamps and brooks: adjoining parking lot
	Irre	gular flowe	ers		

Photo Credit: David H. Behm © 2011

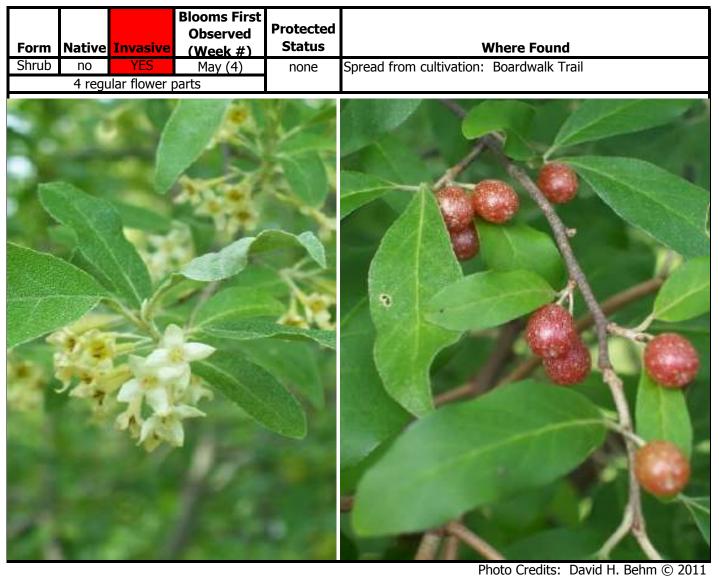
Asparagus (Asparagus officinalis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and waste places: All trails
	6 real	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Autumn-olive (Elaeagnus umbellata)



NOTE: Edible fruit ripens in August

Birdsfoot Trefoil (Lotus corniculatus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and roadsides: Boardwalk Trail and Meadow Loop
	Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

Black Locust (Robinia pseudoacacia)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Tree	no	YES	May (4)	none	Woods and fields: Forest Loop
	Irre	gular flowe	rs		·



Photo Credit: David H. Behm © 2011

Broad-leaved Dock (Rumex obtusifolius)

					Ten (Names obtastionas)
		Invasive		Protected Status	Where Found
Forb	no	no	May (4)	none	Waste places, roadsides and rich shade: Forest Loop
Flo	ower par	ts indisting	guishable		

Photo Credit: Merel R. Black, University of Wisconsin-Madison.

Bulbous Buttercup (Ranunculus bulbosus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and roadsides: All trails
	5 real	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Common Barberry (Berberis vulgaris)

			Con	nmon Barbe	erry (Berberis vulgaris)
Form	Native	Invasive		Protected Status	Where Found
Shrub	no 6 rogu	YES	May (4)	none	Thickets and pastures: Boardwalk Trail and Forest Loop
	6 regu	ılar flower p	parts		
		5			

Photo Credit: David H. Behm © 2011

Common Blackberry (Rubus allegheniensis)

Form Shrub	Native YES	Invasive no	Blooms First Observed (Week #) May (4)	Protected Status none	Where Found Dry fields and clearings: All trails
		ılar flower p	parts	Hone	bry neids and clearings. 7th clairs
					Photo Credits: David H. Behm © 2011

NOTE: Edible fruit ripens in August

Common Cinquefoil (Potentilla simplex)

			Com	mon Cinque	efoil (Potentilla simplex)
		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	May (4)	none	Fields and open woods: Boardwalk Trail and Meadow Loop
	5 regu	ılar flower p	oarts		
	-				
	1				
7	- 2			- 1	

Photo Credit: David H. Behm © 2011

Cow Vetch (Vicia cracca ssp. tenuifolia)



Photo Credit: David H. Behm © 2011

Cranberry Viburnum (Viburnum opulus var. americanum)

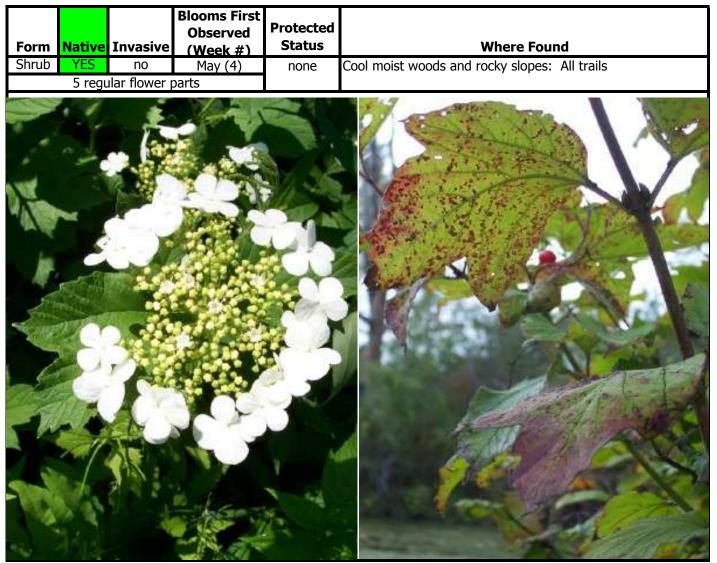


Photo Credits: David H. Behm © 2011

Curled Dock (Rumex crispus)

					K (Rumex crispus)
		Invasive		Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and waste places: All trails
Fl	ower pa	rts indisting	guishable		
F	ower pa	rts indisting	guisnable		
				が表	

Photo Credit: David H. Behm © 2011

Eastern Blue-eyed Grass (Sisyrinchium atlanticum)

			Eastern B	lue-eyed Gr	rass (Sisyrinchium atlanticum)
		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	May (4)	none	Fields and meadows: Boardwalk Trail and Meadow Loop
	6 regu	ılar flower ı	oarts		

Photo Credit: David H. Behm © 2011

Field Hawkweed (Hieracium caespitosum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and roadsides: All trails
7	7 or more regular flower parts				



Photo Credit: David H. Behm © 2011

Golden Alexanders (Zizia aurea)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	May (4)	none	Meadows, shores and open woods: Boardwalk Trail
	5 regular flower parts				·



Photo Credit: David H. Behm © 2011

Long-leaved Stitchwort (Stellaria longifolia)

		Invasive		Protected Status	Where Found
Forb	YES	no	May (4)	none	Damp to wet grassy places: Meadow Loop
	5 regu	ılar flower ı	oarts		
			*		
4				Ti.	
1	1			6	

Photo Credit: David H. Behm © 2011

Maple-leaved Viburnum (Viburnum acerifolium)

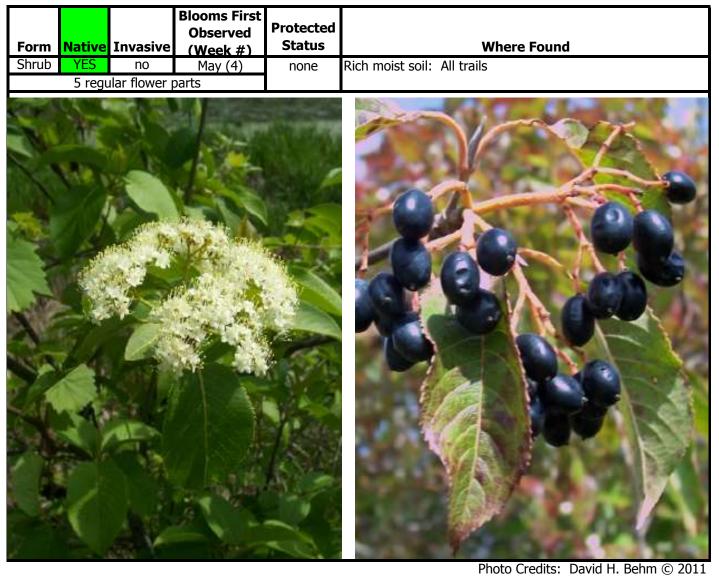
					Turn (Vibarriam accimonant)
		Invasive		Protected Status	Where Found
Shrub		no	May (4)	none	Dry or rocky woods: Meadow Loop
	5 regu	ılar flower	parts		

Photo Credit: David H. Behm © 2011

			RI	verview Ro	ad, Clifton Park, NY			
Mouse Ear (Pilosella officinarum)								
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	May (4)	none	Fields and roadsides: Boardwalk Trail and Forest Loop			
7	or more	regular flow	wer parts					

Photo Credit: Dr. B. Eugene Wofford, University of Tennessee-Knoxville Herbarium

Nannyberry (Viburnum lentago)



NOTE: Edible fruit ripens in September

Oxeye Daisy (Leucanthemum vulgare)

Form Forb	Native	Invasive	Blooms First Observed (Week #) May (4)	Protected Status none	Where Found Fields and meadows: All trails
		regular flow	wer parts	Hone	Ticlus and meddows. All dails

Photo Credit: David H. Behm © 2011

	Philadelphia Fleabane (Erigeron philadelphicus var. philadelphicus)									
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found					
Forb	YES	no	May (4)	none	Open woods and fields: Boardwalk Trail					
7	or more	regular flov	wer parts							



Photo Credit: David H. Behm © 2011

Culturally Significant Plant: Ethnobotanic = Native American tribes used the plant for a wide variety of medicinal purposes, including as an astringent and a diuretic, in the treatment of colds, headache and epilepsy (http://plants.usda.gov/plantquide/pdf/cs_erph.pdf).

Red Clover (*Trifolium pratense*)

			•	teu Ciovei	(Trifolium pratense)
		Invasive		Protected Status	Where Found
Forb	no	no	May (4)	none	Fields and meadows: Boardwalk Trail and Meadow Loop
	Irre	gular flowe	ers		

Photo Credit: David H. Behm © 2011

Red Raspberry (Rubus idaeus ssp. strigosus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	May (4)	none	Roadsides and thickets: All trails
	5 regu	ılar flower p	oarts		

Photo Credits: (L) David H. Behm © 2011; (R) Merel R. Black, University of Wisconsin.

<u>Culturally Significant Plant</u>: Ethnobotanic = Fruit used as food; medicinal tea (leaves) used in treatment of diarrhea and relief from menstrual cramps and a gargle (leaves and roots) used in treatment of tonsillitis, mouth inflammations, sores, minor wounds, burns and varicose ulcers; purple to dull blue dye can be extracted from fruit (http://plants.usda.gov/plantguide/pdf/cs_ruid.pdf).

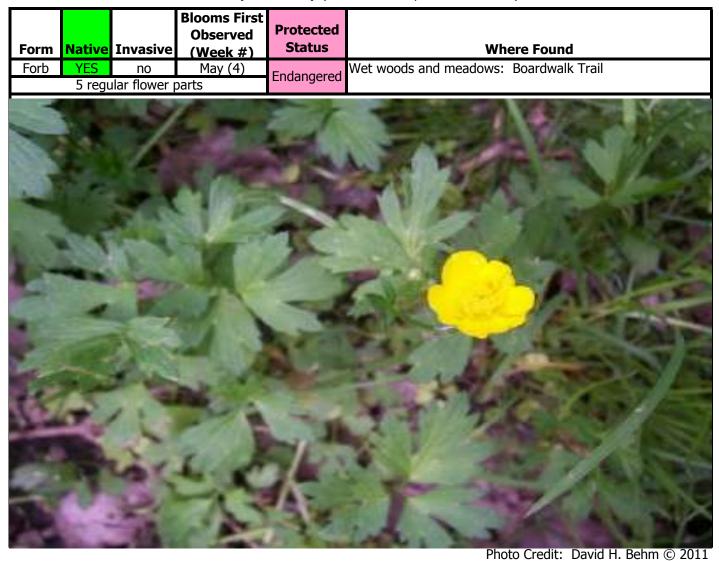
Silky Dogwood (Cornus amomum ssp. amomum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	May (4)	none	Wet or moist places: Boardwalk Trail and Meadow Loop
	4 regular flower parts				



Photo Credit: David H. Behm © 2011

Swamp Buttercup (Ranunculus hispidus var. nitidus)



96

Sweetflag (Acorus americanus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Swamps and along streams: Forest Loop
F	Flower parts indistinguishable				



Photo Credit: David H. Behm © 2011

Tall Buttercup (Ranunculus acris)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	Forb no no May (4)		none	Fields and meadows: Boardwalk Trail and Meadow Loop	
	5 real	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Thimbleberry (Rubus occidentalis)

5 regular flower parts	ative Invasive	Blooms First Observed (Week #) May (4)	Protected Status none	Where Found Dry or rocky soil: Boardwalk Trail and Forest Loop
		parts	Horic	bry or rocky son. Boardwark trail and Forest Loop
Photo Credite: David H. Rehm (c) 2011	Tegular Howel	paris		Photo Credits: David H. Behm © 2011

NOTE: Edible fruit ripens in July

White Clover (Trifolium repens)

Form Native Invasive (Week #) Forb no no May (4) Irregular flowers Fields, roadsides and waste places: Boardwalk Trail and Meadow Loop
Irregular flowers Meadow Loop

Photo Credit: David H. Behm © 2011

Wild Madder (Galium mollugo)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Roadsides and fields: All trails
	4 real	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Yellow Goatsbeard (Tragopogon pratensis)

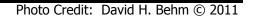
Form Forb	Native	Invasive	Blooms First Observed (Week #) May (4)	Protected Status none	Where Found Fields and roadsides: Boardwalk Trail and Meadow Loop
		regular flov	wer parts		· ·

Photo Credits: Jennifer Anderson @ USDA-NRCS PLANTS Database.

Yellow Sweet Clover (Melilotus officinalis)

	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	May (4)	none	Roadsides and waste places: Boardwalk Trail and Meadow
	Irre	gular flowe	ers		Loop

	Alfalfa (Medicago sativa ssp. sativa)							
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	June (1)	none	Roadsides and waste places: Boardwalk Trail and Meadow			
	Irregu	ılar flower p	oarts		Loop			
1	1			The state of the s				



				et (Celastrus orbiculatus)
Form	Native Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	no YES 5 regular flower p	June (1)	none	Rich thickets and fencerows: Boardwalk Trail and Forest Loop

Photo Credits: David H. Behm © 2011

Bittersweet Nightshade (Solanum dulcamara var. dulcamara)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	June (1)	none	Moist thickets: All trails
	5 regu	ılar flower p	parts		



Photo Credit: David H. Behm © 2011

Common Cattail (Typha latifolia)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (1)	none	Marshes: All trails
F	lower pai	rts indisting	juishable		



Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = All plant parts, including ripe pollen, are edible when gathered at their appropriate respective growth stages; some Native American tribes used leaves and stems to make baskets, mats and bedding material (http://plants.usda.qov/plantquide/pdf/cs tvla.pdf).

Common Speedwell (Veronica officinalis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (1)	none	Woods and clearings: All trails
	Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

Daisy Fleabane (Erigeron annuus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (1)	none	Fields and waste places: All trails
7	or more	regular flov	ver parts		



Photo Credit: David H. Behm © 2011

Gray Dogwood (Cornus racemosa)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	Yes	no	June (1)	none	Roadsides and thickets: Boardwalk Trail and Meadow Loop
	4 regu	lar flower p	oarts		



Photo Credit: David H. Behm © 2011

Hedge Bindweed (Calystegia sepium)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	YES	no	June (1)	none	Moist thickets: Forest Loop
	5 real	ılar flower ı	narts		·



Photo Credit: David H. Behm © 2011

Hop Clover (*Trifolium aureum*)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	· · · · · · · · · · · · · · · · · · ·		none	Fields and roadsides: All trails	
	Irre	gular flowe	rs		



Photo Credit: David H. Behm © 2011

Lesser Daisy Fleabane (Erigeron strigosus var. strigosus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (1)	none	Fields and waste places: Meadow Loop
7	or more	regular flov	wer parts		



Photo Credit: Emmet J. Judziewicz, University of Wisconsin-Madison

Multi-flora Rose (Rosa multiflora)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	YES	June (1)	none	Roadsides and moist thickets: Boardwalk Trail and Forest
	5 regular flower parts				Loop



Photo Credit: David H. Behm © 2011

Narrow-leaved Cattail (Typha angustifolia)

			Mario	attail (Typha angustifolia)	
		Invasive		Protected Status	Where Found
Forb	YES	no	June (1)	none	Coastal areas: Boardwalk Trail
F	lower pa	rts indisting	guishable		

Photo Credit: Robert W. Freckmann, University of Wisconsin-Stevens Point.

<u>Culturally Significant Plant</u>: Ethnobotanic = All plant parts, including ripe pollen, are edible when gathered at their appropriate respective growth stages; some Native American tribes used leaves and stems to make baskets, mats and bedding material (http://plants.usda.gov/plantguide/pdf/cs_tyan.pdf).

Form		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	June (1)	none	Woods and borders: All trails
	5 regul	ar flower p	oarts		

Riverbank Grape (Vitis riparia)

		Invasive		Protected Status	Where Found
Vine	YES	no	June (1)	none	Riverbanks and bottomlands: Boardwalk Trail and Forest
F	lower pai	rts indisting	juishable		Loop

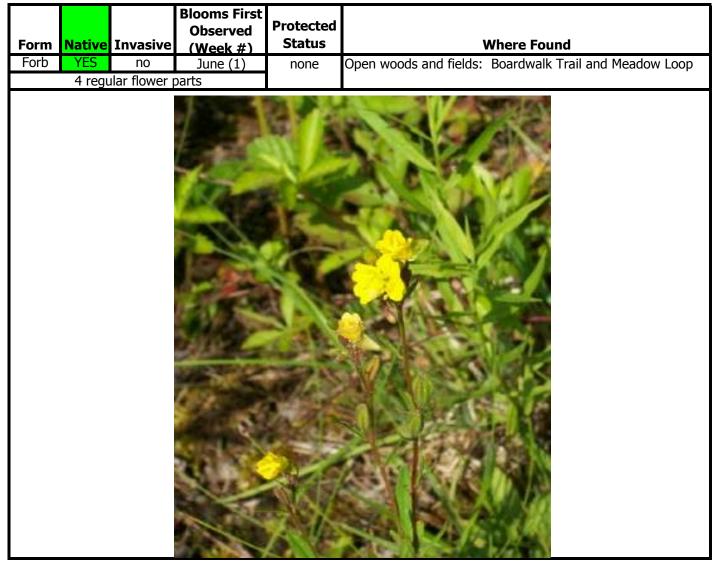
Photo Credit: David H. Behm © 2011

Slender Vetch (Vicia tetrasperma)

			Si	enaer vetc	h (Vicia tetrasperma)
	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (1)	none	Fields and waste places: Boardwalk Trail and Meadow Loop
	Irre	gular flowe	ers		
			*		

Photo Credit: David H. Behm © 2011

Small Sundrops (Oenothera perennis)



Stout Blue-eyed Grass (Sisyrinchium angustifolium)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (1)	none	Fields and meadows: Boardwalk Trail and Meadow Loop
	6 real	ılar flower ı	narts		



Photo Credit: David H. Behm © 2011

Sulphur Cinquefoil (Potentilla recta)								
Form Native	Invasive		Protected Status	Where Found				
Forb no	no ular flower p	June (1)	none	Dry fields and roadsides: All trails				

Photo Credit: David H. Behm © 2011

Watercress (Nasturtium officinale)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Aquatic					Springs and streams: Boardwalk Trail
	4 regu	ılar flower ı	oarts		



Photo Credit: David H. Behm © 2011

Wild Parsnip (Pastinaca sativa)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (1)	none	Roadsides and waste places: All trails
	5 regu	ılar flower p	oarts		



Photo Credit: David H. Behm © 2011

Yellow Wood Sorrel (Oxalis stricta)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (1)	none	Roadsides: All trails
	5 regular flower parts				
0.00		-	F 4		



Canada Hawkweed (Hieracium umbellatum)

	Native	Invasive		Protected Status	Where Found
Forb	YES	no	June (2)	none	Borders of woods and clearings: Boardwalk Trail and Forest
7	or more	regular flov	wer parts		Loop
					Photo Credit: Marinella Zepigi

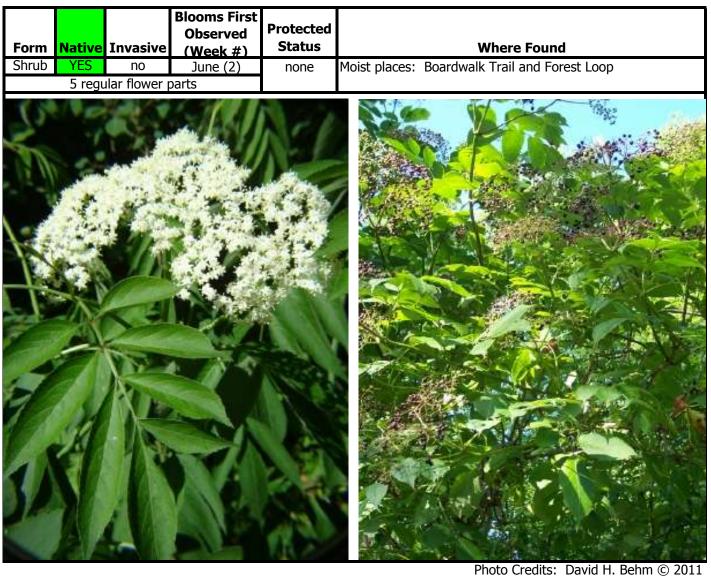
Chicory (Cichorium intybus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (2)	none	Roadsides, fields and waste places: Boardwalk Trail
	7 or m	ore flower	parts		



Photo Credit: David H. Behm © 2011

Common Elderberry (Sambucus nigra ssp. canadensis)



NOTE: Edible fruit ripens in August

Common Evening Primrose (Oenothera biennis)

			Common	Evening Pr	imrose (Oenothera biennis)
		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (2)	none	Dry open places: Boardwalk Trail
	4 regu	ılar flower p	oarts		
4					
A BY					
1		P			

Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = Native American tribes used roots and leaves for food and medicinal purposes (for pain relief, as tea as dietary aid, hot poultice from pounded roots to treat boils or cold poultice from entire plant to treat bruises) (http://plants.usda.gov/plantquide/pdf/cs_oebi.pdf).

					ad, Clifton Park, NY				
	Common Plantain (Plantago major)								
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found				
Forb	no	no	June (2)	none	Waste places and roadsides: Boardwalk Trail				
F	lower pa	rts indisting	guishable						
			S. Bull						

Creeping Wood Sorrel (Oxalis corniculata)

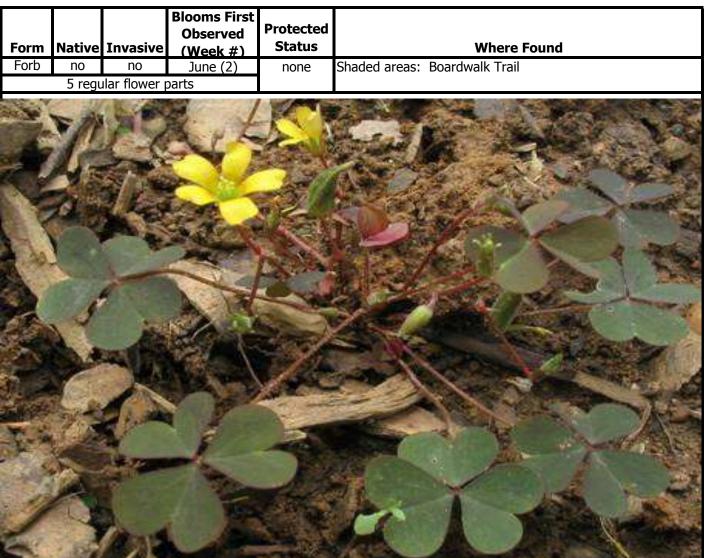


Photo Credit: http://www.robsplants.com/plants/OxaliCorni, 7/10/2011.

Debtford Pink (Dianthus armeria ssp. armeria)

					nthus armeria ssp. armeria)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (2)	none	Fields and roadsides: All trails
	5 regu	ılar flower p	oarts		

False Indigo (Amorpha fruticosa)

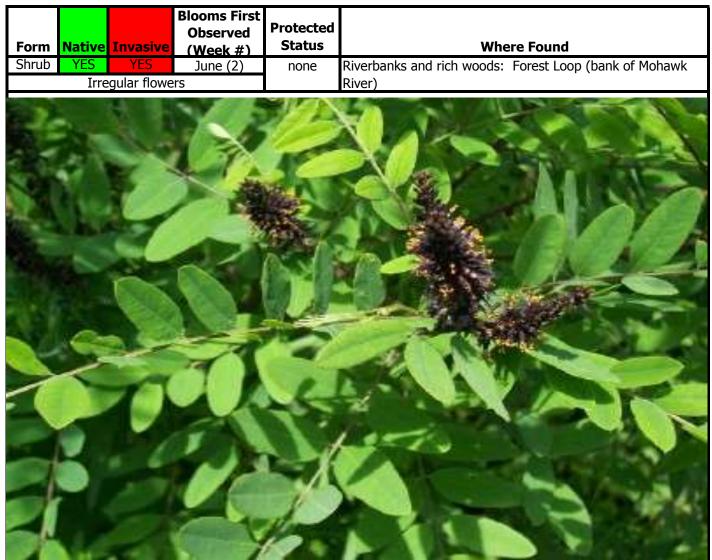


Photo Credit: David H. Behm © 2011

Foxglove Beardtongue (Penstemon digitalis)

			Blooms First Observed	Protected	
Form	Native	Invasive	(Week #)	Status	Where Found
Forb	YES	no	June (2)	none	Fields and borders of woods: Boardwalk Trail and Meadow
	Irregular flowers				Loop



Photo Credit: David H. Behm © 2011

Hairy Beardtongue (Penstemon hirsutus)

			Hairy	Beardtong	ue (Penstemon hirsutus)
Form		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (2)	none	Dry woods or rocky hillsides: Boardwalk Trail and Forest
	Irre	gular flowe	ers		Loop (only along bluff section of both trails)

Lady's Thumb (Persicaria maculosa)

					(Persicaria maculosa)
Form Forb	Native	Invasive no	Blooms First Observed (Week #) June (2)	Protected Status none	Where Found Waste places: Boardwalk Trail
1 01 0		ılar flower	narts	Hone	waste places. Doardwalk Itali

Large Blue Flag (*Iris versicolor*)

Form Native Invasive (Week #) Forb YES no June (2) Irregular flowers Blooms First Observed (Week #) Status Marshes and wet meadows: Boardwalk Trail				_	iai go biao i	lag (11/3 Versicolor)
Forb YES no June (2) none Marshes and wet meadows: Boardwalk Trail			Invasive	Observed (Week #)	Protected Status	
Irregular flowers	Forb			June (2)	none	Marshes and wet meadows: Boardwalk Trail
		Irre	gular flowe	ers		
		なる。他には、一般には、一般には、一般には、一般には、一般には、一般には、一般には、一般				

Large Mouse Ear (Hieracium flagellare)

Form	Native	Invasive	Obsei veu	Protected Status	Where Found
Forb	no	no	June (2)	none	Fields and roadsides: Forest Loop
7	or more	regular flov	wer parts		



Photo Credit: David H. Behm © 2011

					vsimachia nummularia)
Form		Invasive		Protected Status	Where Found
Forb	no 5 regu	YES Ilar flower p	June (2) parts	none	Damp ground: Forest Loop

Photo Credit: David H. Behm © 2011

Orange Hawkweed (Hieracium aurantiacum)

			Orange	наwкwee	d (Hieracium aurantiacum)			
	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	June (2)	none	Fields and meadows: Forest Loop			
7 or more regular flower parts								

Photo Credit: Merel R. Black, University of Wisconsin-Madison.

Pasture Rose (Rosa carolina)

Form		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub		no ılar flower p	June (2)	none	Dry, rocky or sandy soil: Forest Loop
	3 . 3 gc				Pleate Coadity With Website

Photo Credit: Kitty Kohout

Poison-ivy (Toxicodendron radicans ssp. radicans)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub/ Vine	YES	no	June (2)	none	Open woods, thickets and fencerows: All trails
	5 regu	ılar flower ı	oarts		



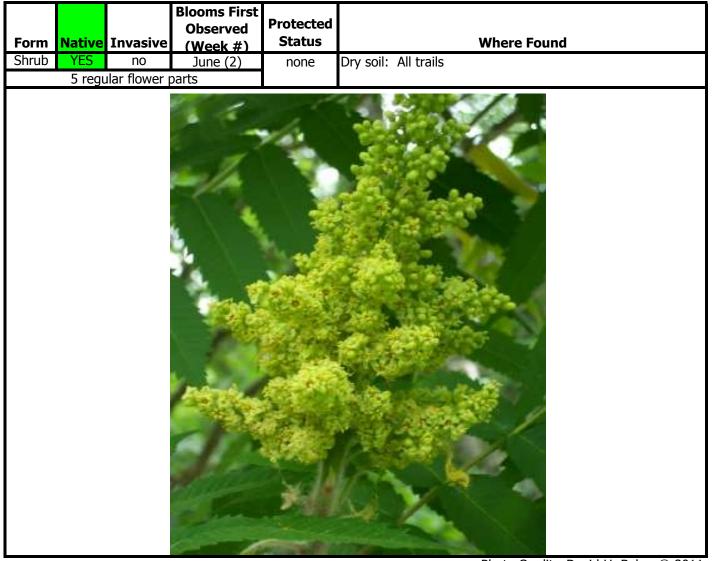
Spotted Knapweed (Centaurea stoebe ssp. micranthos)

Form	Native	Invasive	Obsei veu	Protected Status	Where Found
Forb	no	YES	June (2)	none	Roadsides and waste places: All trails
	5 regu	ılar flower p	oarts		



Photo Credit: David H. Behm © 2011

Staghorn Sumac (Rhus typhina)



Summer Grape (Vitis aestivalis)

				summer Gra	ipe (vitis aestivalis)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	YES	no	June (2)	none	Dry woods and thickets: Forest Loop
F	lower pa	rts indisting	juishable		
		1			



Photo Credit: David H. Behm © 2011

Sweetbrier (Rosa rubiginosa)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	no	no	June (2)	none	Roadsides and pastures: Forest Loop
	5 regu	ılar flower p	oarts		



Photo Credit: David H. Behm © 2011

Thimbleweed (Anemone virginiana)

					(Aliemone virginiana)
Form		Invasive		Protected Status	Where Found
Forb	YES	no	June (2)	none	Rocky woods and banks: Boardwalk Trail and Meadow Loop
	5 regu	ılar flower ı	parts		

Photo Credit: David H. Behm © 2011

White Avens (Geum canadense)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (2)	none	Thickets and open woods: All trails
	5 reau	ılar flower ı	parts		



Photo Credit: David H. Behm © 2011

Yarrow (Achillea millefolium var. millefolium)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (2)	none	Fields and roadsides: All trails
	5 regu	ılar flower ı	oarts		



Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = Some Native American tribes used the stalk and leaves for medicinal purposes; other tribes used the leaves for tea (http://plants.usda.gov/plantguide/pdf/cs_acmi2.pdf).

Black-eyed Susan (Rudbeckia hirta var. pulcherrima)



Common Mullein (Verbascum thapsus)

Form Native Invasi	(Week #) St	otected Status Where Found
Forb no no	June (3) n	none Fields and roadsides: Boardwalk Trail and Forest Loop
5 regular flow	parts	

Common St. Johnswort (Hypericum perforatum)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (3)	none	Fields and waste places: All trails
	5 regu	ılar flower ı	oarts		



Photo Credit: David H. Behm © 2011

Heart-leaved Umbrellawort (Mirabilis nyctaginea)

					liawort (Mirabilis nyctaginea)
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (3)	none	Prairies, roadsides and waste places: Forest Loop
		ılar flower	parts		

Intermediate Dogbane (Apocynum x floribundum)

Form Native Invasive (Week #) Forb YES no June (3) 5 regular flower parts Blooms First Observed (Week #) Protected Status Where Found Roadsides and thickets: Forest Loop	
Forb YES no June (3) none Roadsides and thickets: Forest Loop	orm Native Inva
5 regular flower parts	
	5 regular flo

Photo Credit: David H. Behm © 2011

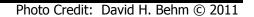
Nipplewort (Lapsana communis)

			Blooms First Observed	Protected	
Form	Native	Invasive	(Week #)	Status	Where Found
Forb	no	no	June (3)	none	Roadsides and waste places: Boardwalk Trail and Forest
7	or more	regular flow	wer parts		Loop



Photo Credit: David H. Behm © 2011

	Selfheal (Prunella vulgaris)						
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found		
Forb	no	no	June (3)	none	Lawns, fields and roadsides: Boardwalk Trail and Meadow		
	Irre	gular flowe	ers		Loop		



			Ri	verview Ro	ad, Clifton Park, NY			
White Sweet Clover (Melilotus albus)								
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	June (3)	none	Roadsides and waste places: Boardwalk Trail and Forest			
	Irre	gular flowe	ers		Loop			

Photo Credit: David H. Behm © 2011

Blue Vervain (Verbena hastata var. hastata)

				Sena nastata var. nastata)
	e Invasive		Protected Status	Where Found
Forb YES		June (4)	none	Moist thickets, shores and meadows: Boardwalk Trail and
5 re	gular flower	parts		Meadow Loop

Photo Credit: David H. Behm © 2011

Butter-and-eggs (Linaria vulgaris)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (4)	none	Roadsides and waste places: Forest Loop
	Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

Common Milkweed (Asclepias syriaca)

		Con	iiiioii Miikw	reed (Asclepias syriaca)
	tive Invasive		Protected Status	Where Found
	ES no	June (4)	none	Fields and roadsides: Forest Loop
5	regular flower p	oarts		

Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = Native American tribes have used plant parts for food, fiber (dried stalk fibers for rope and weaving), and medicine (infusions, decoctions or plant parts to relieve pain, treat some diseases and also as a contraceptive) (http://plants.usda.gov/plantguide/pdf/cs_assy.pdf).

Common Winterberry (*Ilex verticillata*)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub	YES	no	June (4)	Exploitably	Swamps and damp thickets: Boardwalk Trail and Forest
7	or more	regular flov	wer parts	Vulnerable	Loop



Photo Credit: David H. Behm © 2011

Crown Vetch (Coronilla varia)

					ii (Coronina varia)
Form		Invasive		Protected Status	Where Found
Forb	no	no	June (4)	none	Roadsides: Boardwalk Trail
	Irre	gular flowe	ers		

Photo Credit: David H. Behm © 2011

Enchanter's Nightshade (Circaea lutetiana ssp. canadensis) Blooms First							
Form Native In	Observed	Protected Status	Where Found				
Forb YES	no June (4) ular flower parts	none	Woods and thickets: Boardwalk Trail and Forest Loop				

Indian Pipe (Monotropa uniflora)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	June (4)	none	Woodlands: Boardwalk Trail and Forest Loop
	5 real	ılar flower ı	narts		

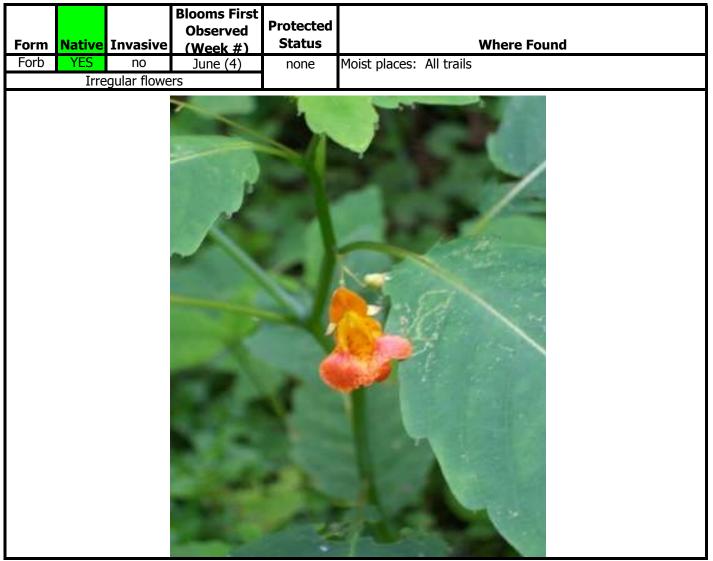


Rough Cinquefoil (Potentilla norvegica ssp. monspeliensis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	June (4)		Clearings, roadsides and waste places: Boardwalk Trail and
	5 regu	ılar flower ı	oarts		Forest Loop



Spotted Jewelweed (Impatiens capensis)



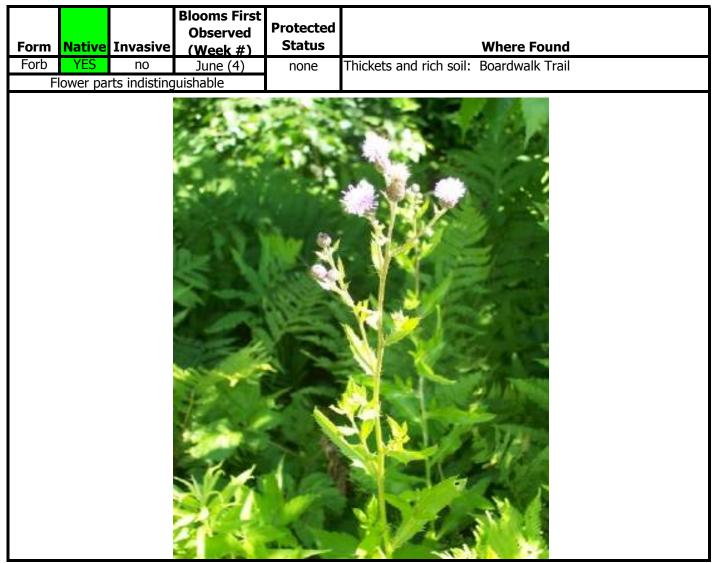
Sweet-scented Bedstraw (Galium triflorum)

	Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
I	Forb	YES	no	June (4)	none	Woods: Meadow Loop
I		4 real	ılar flower ı	parts		



Photo Credit: Kenneth J. Sytsma, University of Wisconsin-Madison

Tall Thistle (Cirsium altissimum)



Virginia Creeper (Parthenocissus quinquefolia)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	YES	no	June (4)	none	Woods and thickets: Boardwalk Trail and Meadow Loop
F	lower pai	rts indisting	juishable		



Yellow Avens (Geum aleppicum)

Tellow Avens (Geum aleppicum)						
		Invasive		Protected Status	Where Found	
Forb	no	no	June (4)	none	Meadows, thickets and woods: Boardwalk Trail and Meadow	
	5 regเ	ılar flower	parts		Loop	

Photo Credit: Merel R. Black, University of Wisconsin-Madison

American Basswood (Tilia americana var. americana)

					i ilia americana var. americana)
	Native	Invasive	Blooms First Observed (Week #) July (1)	Protected Status	Where Found
Tree	YES	no	July (1)	none	Moist woods: Forest Loop
	5 regu	ılar flower ı	oarts		
À				1	

Photo Credit: David H. Behm © 2011

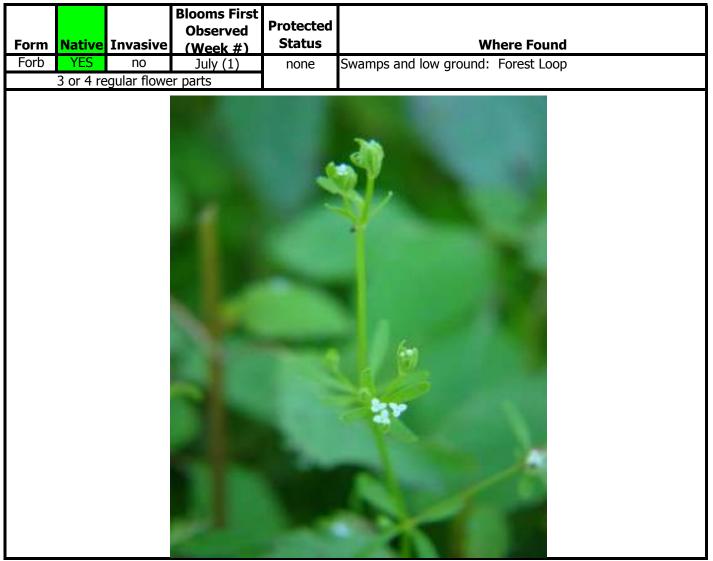
<u>Culturally Significant Plant</u>: Ethnobotanic = Native Americans and settlers used inner bark fibers for mats and baskets; Native Americans used sap for syrup, and also leaf and bark extracts for medicinal purposes; Native Americans also used freshly cut bark as an emergency bandage for wounds (http://plants.usda.gov/plantguide/pdf/cs_tiamh.pdf).

Bristly Dewberry (Rubus hispidus)

Form Shrub	YES	Invasive no ular flower i	July (1)	Protected Status none	Where Found Thickets: Boardwalk Trail
W	3 rege	adi Howel	our s		
				9	
				· W	
				X	
		-			
25.5	1		ALC: UNK	177	Photo Credits: David H. Behm © 2011

NOTE: Edible fruit ripens in late July

Clayton's Bedstraw (Galium tinctorium)



	Ditch Stonecrop (Penthorum sedoides)							
	ve Invasive	Blooms First Observed (Week #)	Protected Status	Where Found				
Forb YE	no egular flower	July (1)	none	Ditches and swamps: Meadow Loop				

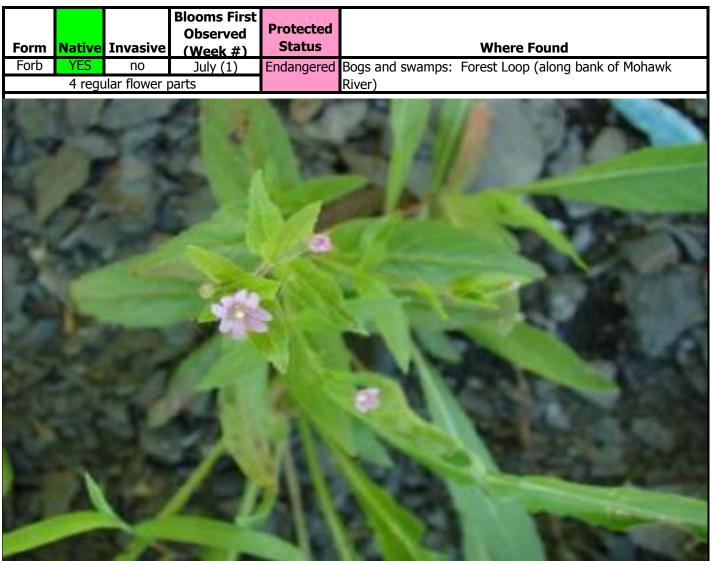
Photo Credit: David H. Behm © 2011

Monkey Flower (Mimulus ringens)

Monkey Flower (Minutas Inigens)					
Form Native Inv	Ob vasive (W	oms First served eek #)	Protected Status	Where Found	
	no Ju	uly (1)	none	Wet places: Forest Loop	
Irregula	ar flowers				

Photo Credit: David H. Behm © 2011

Northern Willow Herb (Epilobium ciliatum subsp. glandulosum)



Queen Anne's Lace (Daucus carota)

Form Nati	ve In		Blooms First Observed (Week #)	Protected Status	Where Found
Forb no		no	July (1)	none	Dry fields and waste places: Boardwalk Trail and Meadow
5 r	egular	r flower p	arts		Loop

Smooth Sumac (Rhus glabra)

Form Native Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Shrub YES no	July (1)	none	Dry soil: Boardwalk Trail
5 regular flower	parts		
5 regular flower	parts		
		12	

Photo Credit: David H. Behm © 2011

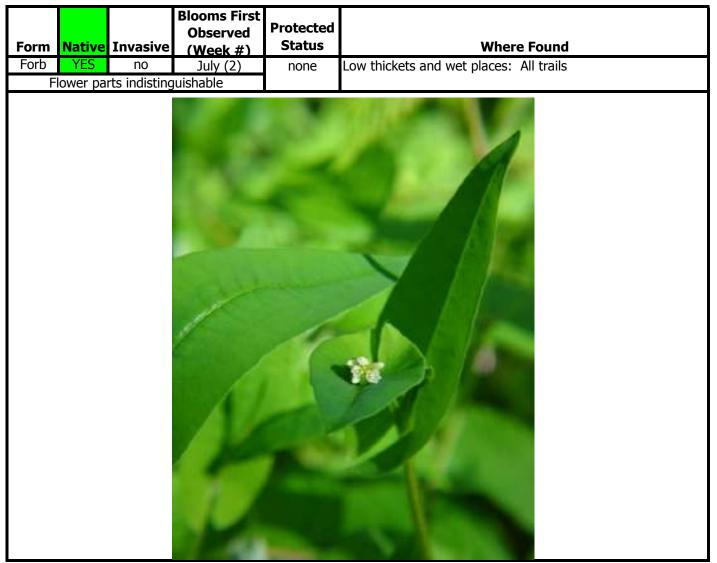
<u>Culturally Significant Plant</u>: *Ethnobotanic* = Native American tribes used roots, leaves and blossoms for medicinal purposes and made dyes from fruit (red) and inner bark (yellow) (http://plants.usda.gov/plantguide/pdf/cs_rhgl.pdf).

Virginia Bugleweed (Lycopus virginicus)

Virginia Bugleweed (Lycopus virginicus)								
Form		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	YES	no	July (1)	none	Moist and wet places: Forest Loop			
	Irre	gular flowe	ers					

Photo Credit: Emmet J. Judziewicz, University of Wisconsin-Stevens Point and Madison

Arrow-leaved Tearthumb (Persicaria sagittata)



Bull Thistle (Cirsium vulgare)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	July (2)	none	Pastures and waste places: Meadow Loop
F	lower pa	rts indistind	ıuishable		



Photo Credit: David H. Behm © 2011

Canada Thistle (Cirsium arvense)

Canada Thistle (Cirsium arvense)								
	Native 1	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	YES	July (2)	none	Pastures and waste places: Boardwalk Trail			
F	lower part	ts indisting	uishable					

Halbred-leaved Tearthumb (*Polygonum arifolium*)

			_
Form Native Invasive		Protected Status	Where Found
Forb YES no	July (2)	none	Low thickets and wet places: Boardwalk Trail and Forest
Flower parts indistin	guishable		Loop

Hedge Mustard (Sisymbrium officinale)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	no	no	July (2)	none	Waste places: Forest Loop
4 regular flower parts					



Photo Credit: David H. Behm © 2011

Helleborine (Epipactis helleborine)

Form		Invasive		Protected Status	Where Found
Forb	no	no	July (2)	none	Woods and thickets: Forest Loop
	Irre	egular flowe	ers		

Milk Purslane (Chamaesyce maculata)

			Chamaesyce maediatay
Form Native	Blooms First Observed Invasive (Week #)	Protected Status	Where Found
Forb YES	no July (2)	none	Waste places: Boardwalk Trail
Flower par	ts indistinguishable	1	·
riower par	is indistinguishable.		

Photo Credit: http://tenn.bio.utk.edu/vascular/database/vascular-photos-enlarge.asp?CategoryID=Dicots&FamilyID=Euphorbiaceae&GenusID=Chamaesyce&SpeciesID=maculata&PhotoNameID=ch_macu 2&PhotographerNameID=Margaret Rhinehart, TNPS, 7/30/2010.

Virginia Stickseed (Hackelia virginiana)

Virginia Stickseed (Hackelia virginiana)							
		Invasive		Protected Status	Where Found		
Forb	YES 5 rogu	no ular flower p	July (2)	none	Dry woods: Meadow Loop		

Photo Credit: David H. Behm © 2011

Water Horehound (Lycopus americanus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	July (2)	none	Moist and wet places: Boardwalk Trail
	Irre	gular flowe	ers		



Photo Credit: David H. Behm © 2011

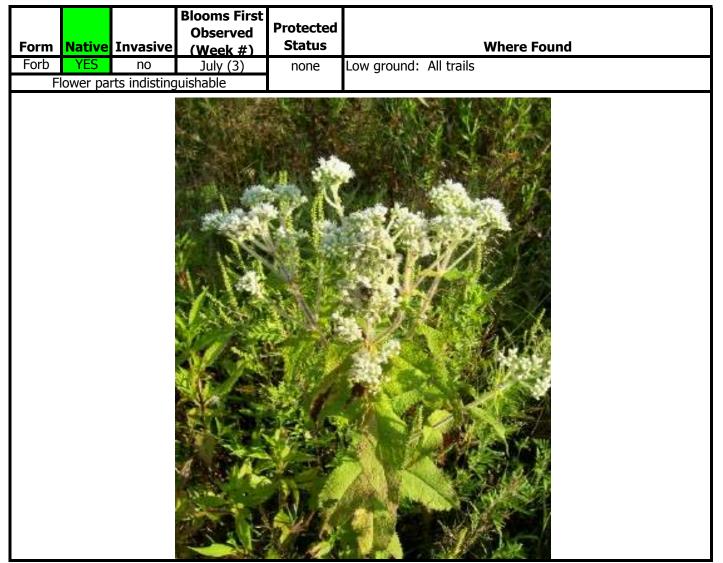
Agrimony (Agrimonia gryposepala)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	July (3)	none	Woods and thickets: Boardwalk Trail
	5 regu	ılar flower p	oarts		



Photo Credit: David H. Behm © 2011

Boneset (Eupatorium perfoliatum)



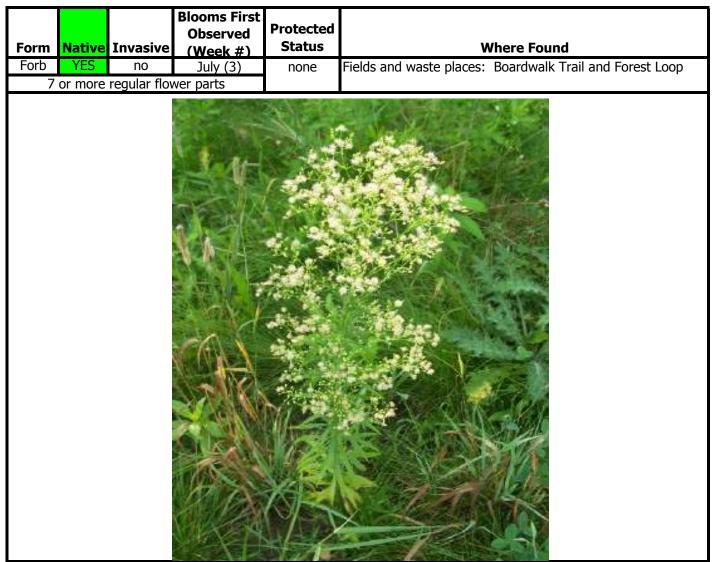
Common Burdock (Arctium minus)

	Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
I	Forb	no	no	July (3)	none	Waste places: Boardwalk Trail and Meadow Loop
I	Flower parts indistinguishable			juishable		



Photo Credit: David H. Behm © 2011

Horseweed (Conyza canadensis var. canadensis)



Nodding Smartweed (Persicaria lapathifolia)

	Nodding Smartweed (Persicaria lapathifolia)							
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found			
Forb	no	no	July (3)	none	Damp soil: Forest Loop			
	5 regu	ılar flower p	oarts					
Š	Ž,	ã	S					

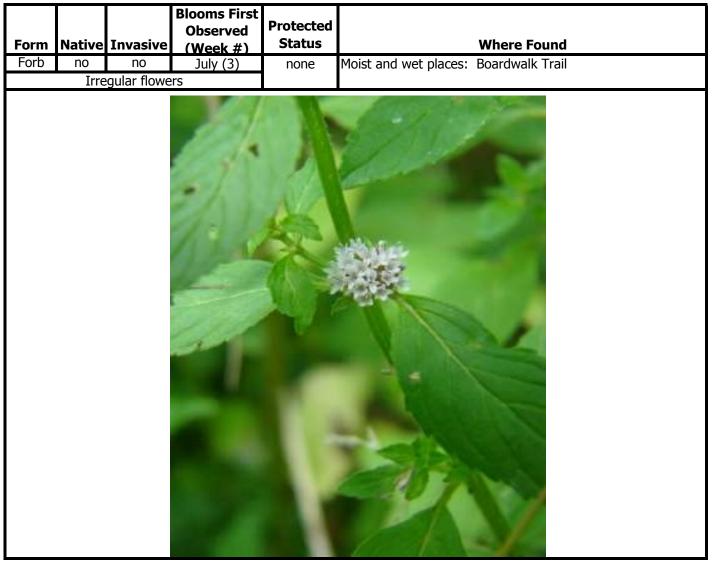


Photo Credit: David H. Behm © 2011

White Vervain (Verbena urticifolia var. urticifolia)

			white ve	ervain (<i>verb</i>	ena urticifolia var. urticifolia)
Form		Invasive		Protected Status	Where Found
Forb	YES	no	July (3)	none	Thickets and waste places: Boardwalk Trail
	5 regu	ılar flower	parts		
				11	

Wild Mint (Mentha arvensis)



Black Nightshade (Solanum nigrum)

	Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
ı	Forb	no	no	July (4)	none	Woods and waste places: Forest Loop
ı		5 real	ılar flower ı	parts		



Photo Credit: Javier Martin

Common Dodder (Cuscuta gronovii var. gronovii)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	YES	no	July (4)	none	Low ground: Boardwalk Trail
	5 regular flower parts				



Photo Credit: David H. Behm © 2011

Early Goldenrod (Solidago juncea)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	July (4)	none	Fields and borders: All trails
7	7 or more regular flower parts				



Photo Credit: David H. Behm © 2011

Indian Tobacco (Lobelia inflata)

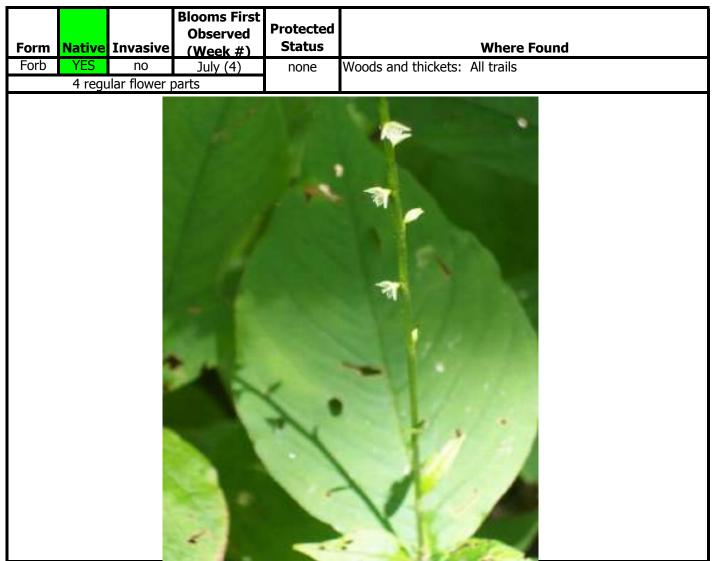
For	rm	Native	Invasive	Blooms First Observed	Protected Status	Where Found
	rb	YES	no	(Week #) July (4)		Waste places, open woods and fields: Forest Loop
	Irregular flowers					



Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = Some Native American tribes used the plant, particularly its leaves and roots, for medicinal purposes including sickness resulting from witchcraft

Jumpseed (Polygonum virginianum)

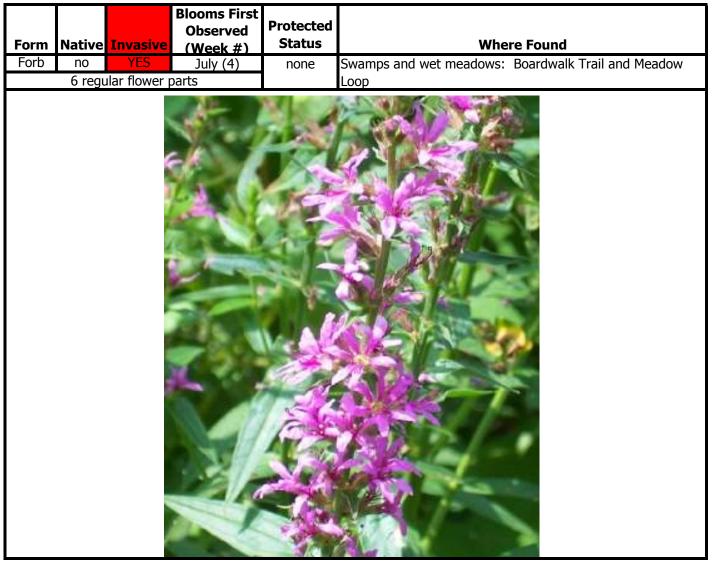


Prickly Lettuce (Lactuca serriola)

				rickly Lettu	-
Form		Invasive		Protected Status	Where Found
Forb	no	no	July (4)	none	Waste places: Boardwalk Trail and Forest Loop
7	or more	regular flow	wer parts		
	or more	regular flov	wer parts		

Photo Credit: David H. Behm © 2011

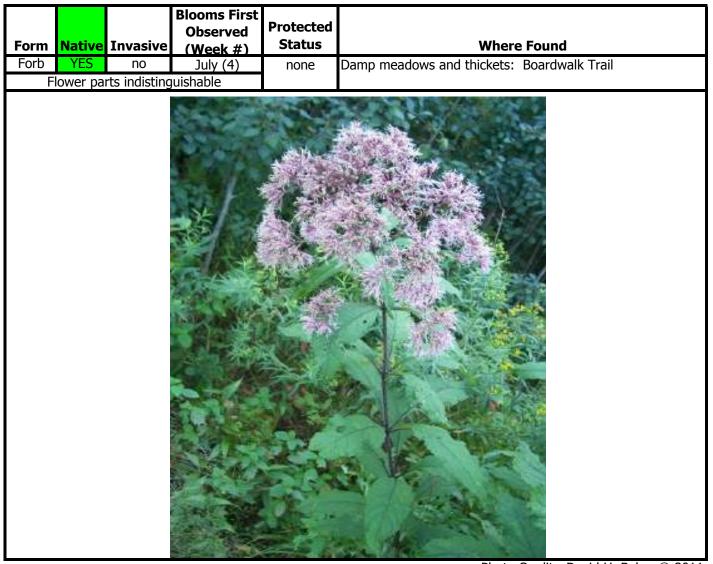
Purple Loosestrife (Lythrum salicaria)



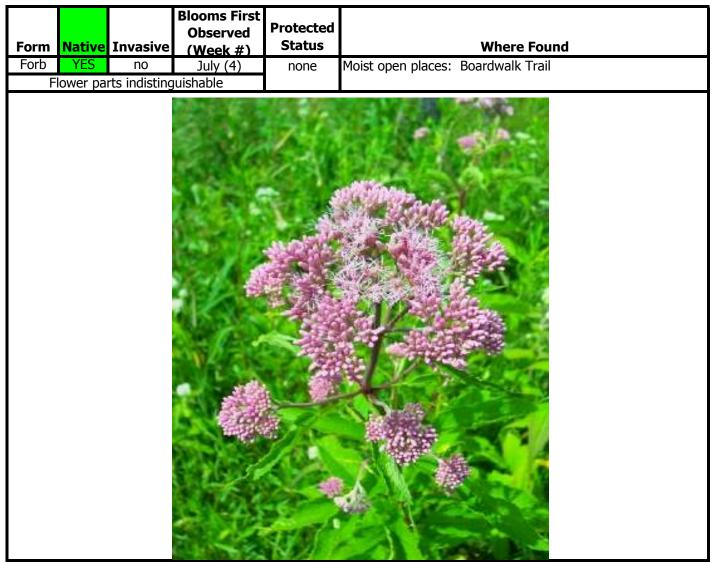
Spiny-leaved Sow Thistle (Sonchus asper)

			· · · · · · · · · · · · · · · · · · ·		Thistie (Solichus asper)
		Invasive		Protected Status	Where Found
Forb	no	no	July (4)	none	Fields and waste places: Boardwalk Trail
7	or more	regular flow			

Spotted Joe-pye Weed (Eutrochium maculatum)



Trumpetweed (Eutrochium fistulosum)



Wild Lettuce (Lactuca canadensis)

		Invasive		Protected Status	Where Found
Forb	YES	no	July (4)	none	Open places: Boardwalk Trail and Meadow Loop
/	or more	regular flow	wer parts		
	X50.			40.00	
Section 1		19 C	JN 3		THE RESERVE OF THE PARTY OF THE
		12.5 M			A COLUMN TO THE PARTY OF THE PA
	4	4			
经验已	a de la composición dela composición de la composición dela composición de la composición dela composición dela composición de la composición de la composición dela comp		-	1	计算器的图象
	1000	186	A COMPANY		
	15/19	100	-		全面的产品的产品之后,是2000年,1000年
				Tree N	グルンド・ファイン・アード・アード・アード・アード・アード・アード・アード・アード・アード・アード
	E 50		Warnet .	- T. W.	10年1日 日本日本の日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日
		100		- 4	
	T dill	BALL	STATE OF THE PARTY OF		
200	2 15	100	1		SULVERS OF THE STATE OF THE STA
dist		* * SE	100 m	高三分子 9	A PARTY OF THE PROPERTY OF THE PARTY OF THE
40 da			ALC: UNKNOWN		2000年11月1日 1日日 1日日 1日日 1日日 1日日 1日日 1日日 1日日 1日
		No.	100	过多过乏	发展
		No. of		10000	
1	1		数值是现象	- 07/5	
10.00	Vec.	3 (B) 1	M. Johnson	P. Wall	
		100	Carried Co.		
11/10	750		1000	北部 西省	
47	THE PARTY	300	157.40	BY SOM	
1000	V. 3	100	1000	4 60	沙里 在一个大型,一个大型,
1		3	10 THE	100	
8 m	12 2		-		
360	The last	A CONTRACT		100	
	2/10	1			

Photo Credit: David H. Behm © 2011

Wild Senna (Senna hebecarpa)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	July (4)	none	Roadsides and thickets: Boardwalk Trail
	5 regu	ılar flower p	oarts		



Photo Credit: Mark Mittelstadt, Mineral Point, WI.

Common Hop (Humulus lupulus)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	no	no	August (1)	none	Rich thickets: Forest Loop
	5 regular flower parts				



Photo Credit: David H. Behm © 2011

Purple-stemmed Aster (Symphyotrichum puniceum var. puniceum)

					эпуотпенит рипкеит var. рипкеит)
		Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	August (1)	none	Swamps and low thickets: Boardwalk Trail and Forest Loop
7	or more	regular flov	wer parts		
	1			3	

Red-osier Dogwood (Cornus sericea ssp. sericea)

			(Corrus Sericea SSp. Sericea)
Form Native Inv		Protected Status	Where Found
	no August (1)	no	Wet places and shores: All trails
4 regular	flower parts		

Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: Ethnobotanic = Certain Native American tribes used inner bark and leaves as tobacco; other tribes used inner bark, leaves and roots for medicinal or spiritual purposes as infusions, decoctions or emetics; some Native American tribes used wood for bows and arrows; other tribes used bark and branches for basket weaving; some tribes used inner bark to make dyes (http://plants.usda.gov/plantguide/pdf/cs_coses.pdf).

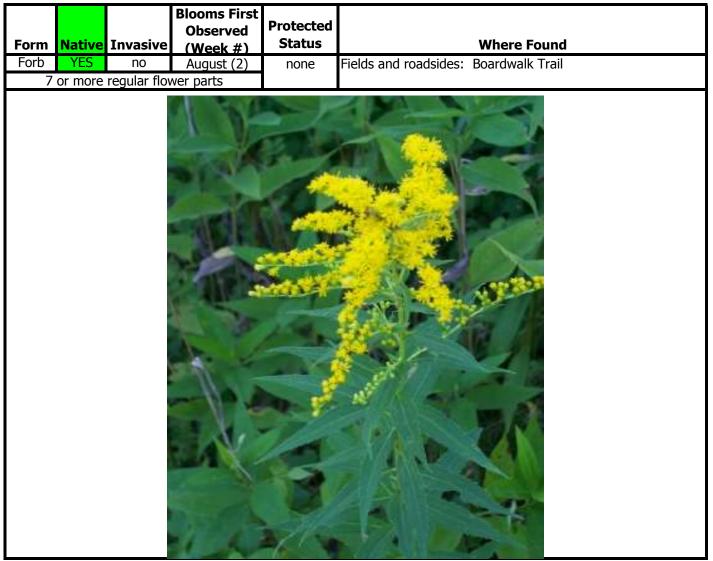
Wild Cucumber (Echinocystis lobata)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine	YES	no	August (1)	none	Moist ground and thickets: Forest Loop
6 regular flower parts					

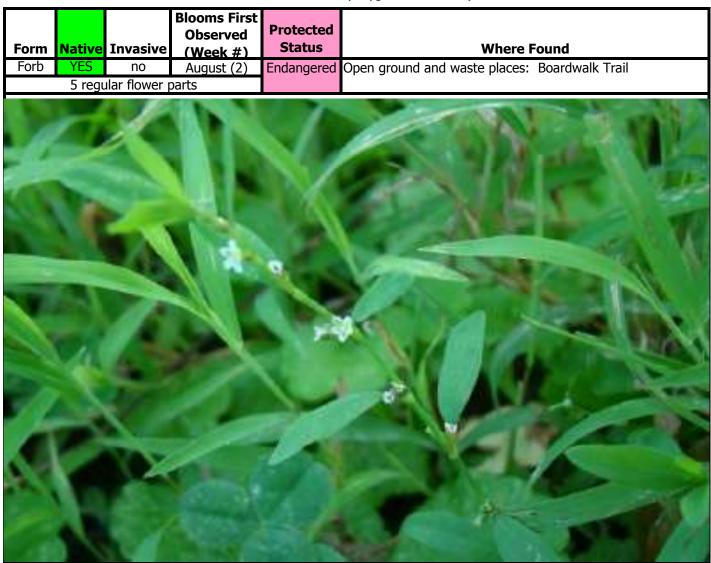


Photo Credit: David H. Behm © 2011

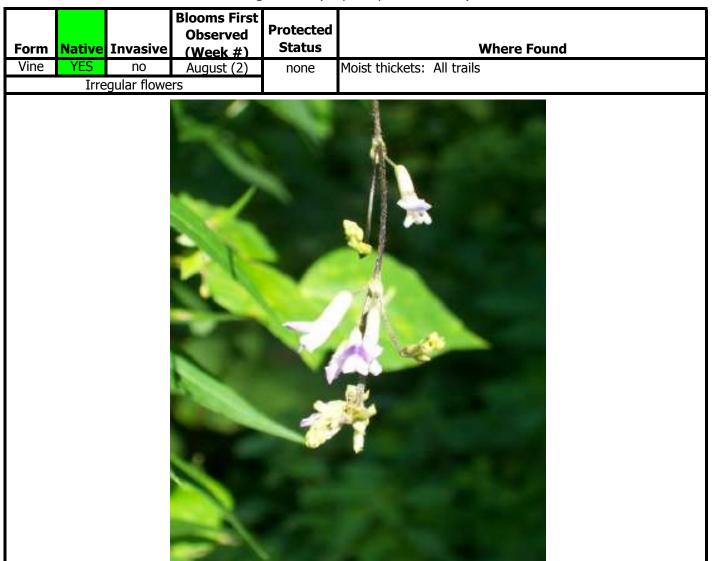
Canada Goldenrod (Solidago canadensis var. canadensis)



Erect Knotweed (Polygonum erectum)



Hog Peanut (Amphicarpaea bracteata)



Lance-leaved Goldenrod (Euthamia graminifolia var. graminifolia)

Lance-leaved Goldenrod (Euthamia graminifolia var. graminifolia)							
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found		
Forb YES no August (2)			August (2)	none	Moist to dry open areas: Boardwalk Trail and Meadow Loop		
7	or more	regular flow	wer parts				
	7 or more regular flower parts						

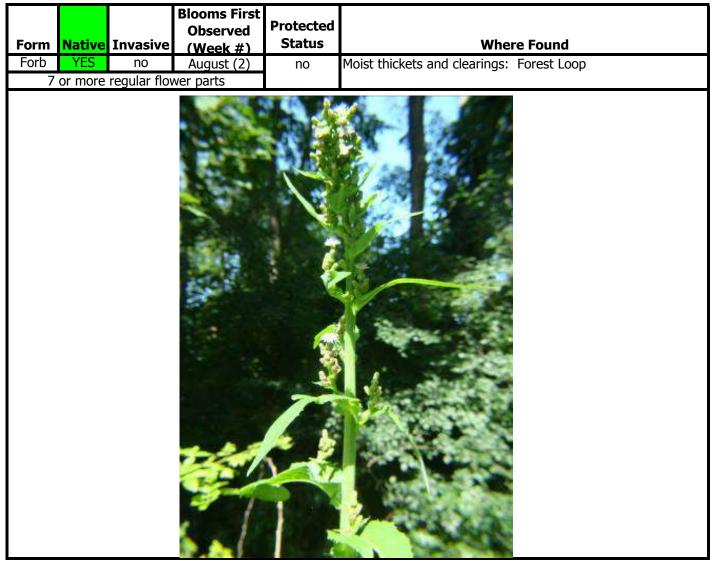


Photo Credit: David H. Behm © 2011

Purple-leaved Willow Herb (Epilobium coloratum)

			Therb (Ephobiam coloratum)
Form Native Invasive	(Week #)	Protected Status	Where Found
Forb YES no	August (2)	none	Swamps and moist thickets: All trails
4 regular flower	parts		

Tall Blue Lettuce (Lactuca biennis)



Tall Goldenrod (Solidago altissima)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	August (2)	none	Dry open places: Forest Loop
7	or more	regular flow	wer parts		
	460	6 -	- War		



Photo Credit: David H. Behm © 2011

Tall Rattlesnake Root (Prenanthes altissima)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	August (2)	none	Woods and thickets: Boardwalk Trail and Forest Loop
7 or more regular flower parts			wer parts		



Three-seeded Mercury (Acalypha rhomboidea)

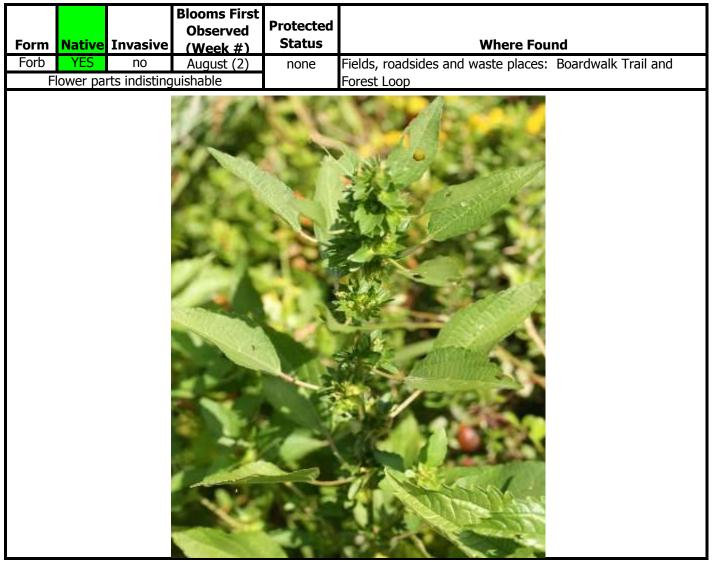


Photo Credit: Josh Sulman, University of Wisconsin-Madison

White Lettuce (Prenanthes alba)

Wille Lettuce (Fichanties alba)					
Form Native Invasiv		Protected Status	Where Found		
Forb YES no	August (2)	none	Woods and thickets: Forest Loop		
7 or more regular f	ower parts				

White Wood Aster (Eurybia divaricata)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	August (2)	none	Dry woods and clearings: Forest Loop
7 or more regular flower parts					



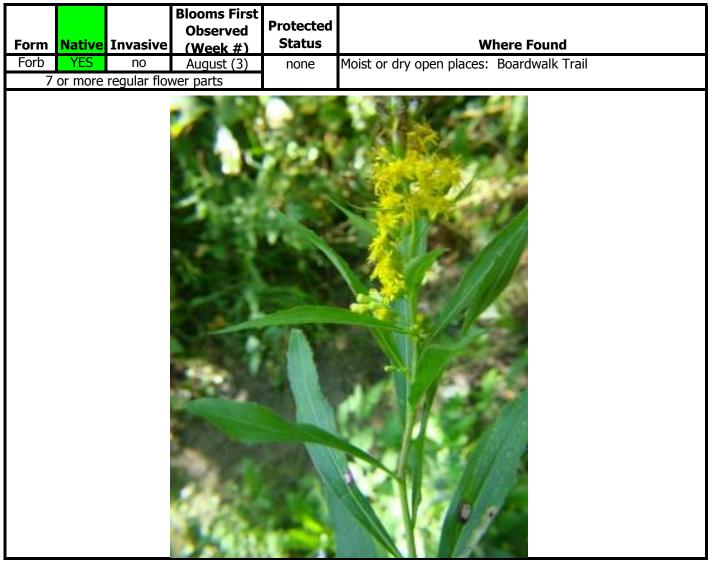
Photo Credit: David H. Behm © 2011

Hairy Goldenrod (Solidago hispida)

	•	ou (Solidago Hispida)
Form Native Inva	Protected Status	Where Found
Forb YES no 7 or more regula	none	Rocky slopes and limestone: Forest Loop
. cc. regula		

Photo Credit: Emmet J. Judziewicz, University of Wisconsin-Stevens Point and Madison

Late Goldenrod (Solidago gigantea)



One-seeded Bur Cucumber (Sicyos angulatus)

	One-see	aca bai ca	cumber (Sicyos angulatus)
Form Native Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Vine YES no	August (3)	none	Riverbanks and moist thickets: Forest Loop
5 regular flower	parts		

Blue-stemmed Goldenrod (Solidago caesia var. caesia)

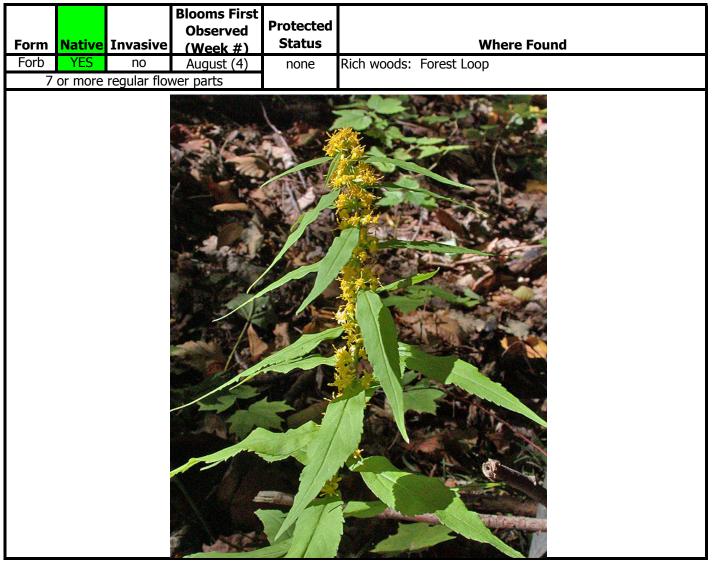
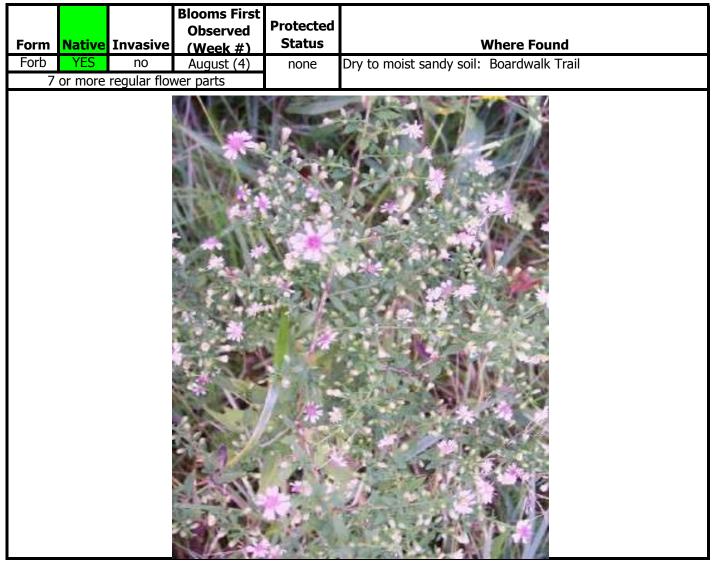


Photo Credit: http://www.newyork.plantatlas.usf.edu/Photo.aspx?id=2661, 4/19/2011

Bushy Aster (Symphyotrichum dumosum var. strictior)



Gray Goldenrod (Solidago nemoralis)

Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	August (4)	none	Dry fields and open woods: Meadow Loop
7	7 or more regular flower parts				



Photo Credit: Merel R. Black, University of Wisconsin-Madison

Stout Goldenrod (Solidago squarrosa)

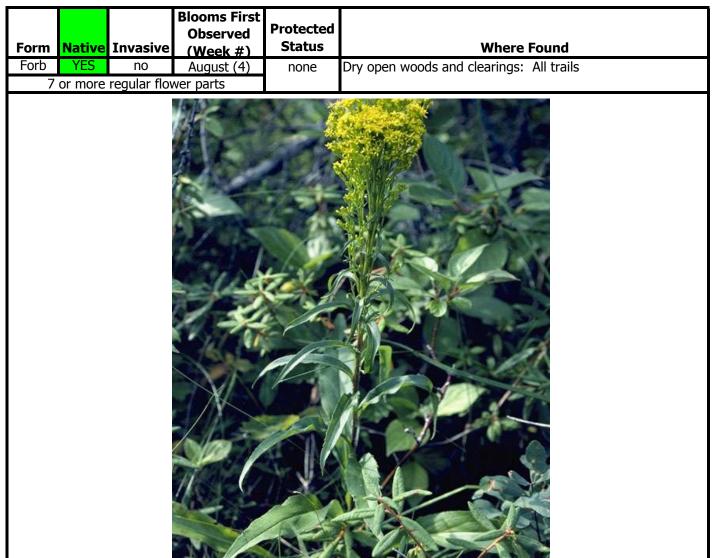


Photo Credit: Mrs. W.D. Bransford

New England Aster (Symphyotrichum novae-angliae)

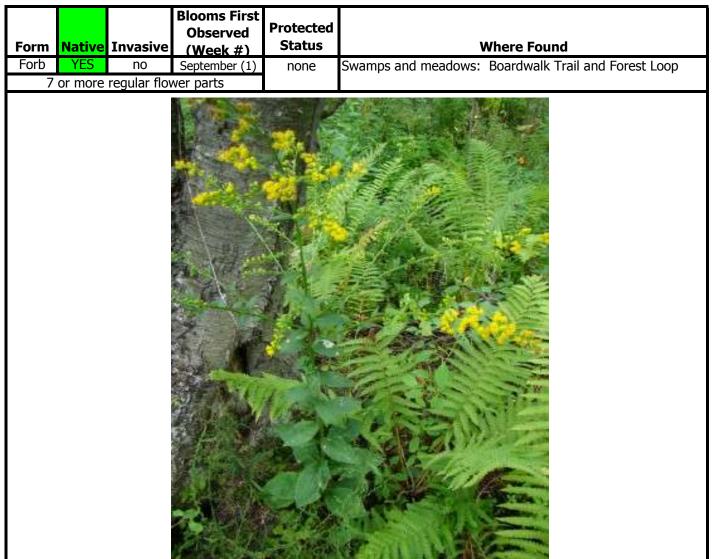
Form	Native	Invasive	Blooms First Observed (Week #)	Protected Status	Where Found
Forb	YES	no	September (1)	none	Fields and damp meadows: Boardwalk Trail and Meadow
7	7 or more regular flower parts				Loop



Photo Credit: David H. Behm © 2011

<u>Culturally Significant Plant</u>: *Ethnobotanic* = Plant used for medicinal purposes - decoction (treatment of weak skin) and poultice (treatment of pain, fever and diarrhea) (http://plants.usda.gov/plantguide/pdf/cs_syno2.pdf).

Rough-leaved Goldenrod (Solidago patula var. patula)



Sticktight (Bidens frondosa)

				_	(Diacris Tronaosa)
Form		Invasive		Protected Status	Where Found
Forb	YES	no	September (2)	none	Wet or dry waste places: Boardwalk Trail and Meadow Loop
	5 regu	lar flower	oarts		

REFERENCES

Newcomb, Lawrence. 1977. Newcomb's Wildflower Guide. 490pp. Little, Brown and Company: New York, NY.

Peterson, Roger Tory, and Margaret McKenny. 1968. *A Field Guide to Wildflowers of Northeastern and North-central North America*. 420pp. Houghton Mifflin Company: Boston, MA.

Courtenay, Booth, and James Hall Zimmerman. 1972. Wildflowers and Weeds. 144pp. Van Nostrand Reinhold Company: New York, NY.

Petrides, George A. 1972. A Field Guide to Trees and Shrubs (2nd Edition). 428pp. Houghton Mifflin Company: Boston, MA.

USDA, NRCS. 2011. The PLANTS Database (http://plants.usda.gov). National Plant Data Center, Baton Rouge, LA.

Weldy, Troy and David Werier. 2011. New York Flora Atlas (http://www.newyork.plantatlas.usf.edu). New York Flora Association, Albany, NY.

ITIS. 2011. Integrated Taxonomic Information System (ITIS) on-line database (http://www.itis.gov).

Young, Stephen M. (ed.) 2010. New York Rare Plant Status Lists. 100pp. New York Natural Heritage Program: Albany, NY.

Young, Steve. Name Changes in Newcomb's Wildflower Guide. 2010. New York Natural Heritage Program: Albany, NY.

Mehrhoff, L.J., J.A. Silander, Jr., S.A. Leicht, E.S. Mosher and N.M. Tabak. 2003. **IPANE: Invasive Plant Atlas of New England** (http://www.ipane.org). Department of Ecology & Evolutionary Biology, University of Connecticut, Storrs, CT.