

Invasive Plants Observed at Fox Preserve

Compiled by David H. Behm

As of 6/21/2017

Common Name	Species Count	Form: T=Tree, S=Shrub, V=Vine, F=Forb, A=Aquatic	Blooms First Observed (Week)							Scientific Name	Where Found	Species Occurrence along Trail Segment		Plant Identification Tips
			April	May	June	July	August	September	Orange Trail			White Spur		
Asiatic Bittersweet	1	V			1				Celastrus orbiculatus	Rich thickets and fencerows	1	1	Woody vine with nearly round, bluntly-toothed leaves; flowers in axillary clusters.	
Autumn-olive	1	S		4					Elaeagnus umbellata	Spread from cultivation	1		Somewhat thorny shrub with green leaves speckled with numerous fine silvery spots; fruits reddish with gold flecks, juicy.	
Bell's Honeysuckle	1	S			2				Lonicera xbella	Thickets and roadsides	1	1	Multi-stemmed shrub; leaves are widest at, or below, the middle and leaf bases are rounded; pairs of flowers develop from the axils of leaves.	
Bittersweet Nightshade	1	V				1			Solanum dulcamara	Moist thickets	1		Vine with leaves divided into 3 leaflets with large terminal segment; purple shooting star-shaped flowers; red somewhat poisonous berry-like fruit.	
Black Locust	1	T			4				Robinia pseudoacacia	Woods and fields	1		Compound leaves with 6-20 egg-shaped leaflets; strong 1/2"-1" paired thorns along branches; white, fragrant flowers in clusters; flat 2"-6" seedpods.	
Burningbush	1	S			2				Euonymus alatus	Woods and borders	1	1	Shrub whose green-tipped twigs have four corky wing-like ridges; leaves exhibit brilliant red fall color.	
Canada Thistle	1	F					2		Cirsium arvense	Pastures and waste places	1	1	Plant has alternate leaves with ragged irregular margins; small, numerous flower heads.	
Celandine	1	F			1				Chelidonium majus	Damp soils of roadsides and waste places	1		Plant has pinnate leaves comprised of irregularly lobed and alternate leaflets; stalk is hairy, yellow sap.	
Common Buckthorn	1	S			2				Rhamnus cathartica	Hedgerows and thickets	1	1	Shrub with twigs ending in sharp spine; fine-toothed leaves elliptic and hairless; berry-like fruits are black.	
Creeping Buttercup	1	F			3				Ranunculus repens	Ditches and low grounds	1		Plant creeping at its base, often forming patches; dark green leaves usually mottled.	
Dame's Rocket	1	F			3				Hesperis matronalis	Fields and roadsides	1	1	Plant with lanceolate alternate leaves; fragrant 4-part flower (white or pink).	
Field Sorrel	1	F				1			Rumex acetosella ssp. pyrenaicus	Dry fields		1	Plant with arrow-shaped leaves with flaring lobes; often grows in abundance.	
Garden Valerian	1	F				1			Valeriana officinalis	Roadsides and meadows	1		Plant with stem leaves divided into 7-12 pairs of lance-shaped leaflets; white 5-part funnel-shaped flowers.	
Garlic Mustard	1	F		4					Alliaria petiolata	Roadsides and open woods	1	1	Plant with large heart-shaped or triangular coarsely-toothed leaves; smells of garlic when crushed.	
Ground Ivy	1	F			1				Glechoma hederacea	Moist waste places		1	Creeping stem with long-stalked bluntly-toothed kidney-shaped opposite leaves.	
Japanese Barberry	1	S			4				Berberis thunbergii	Thickets and pastures		1	Shrub with non-toothed elliptical leaves and brown twigs; red fruits often persist through winter.	
Japanese Knotweed	1	F					4		Reynoutria japonica var. japonica	Waste places and roadsides	1		Plant with hollow bamboo-looking stalk with alternate shield-shaped leaves; often forms dense thickets.	
Moneywort	1	F				2			Lysimachia nummularia	Damp ground	1		Creeping plant with opposite roundish leaves and paired yellow 5-part flowers stemming from each leaf axil.	
Morrow's Honeysuckle	1	S			3				Lonicera morrowii	Thickets and roadsides	1	1	Shrub with narrow or oblong leaves that are gray hairy beneath; fruits red or yellow.	
Multi-flora Rose	1	S				1			Rosa multiflora	Roadsides and moist thickets	1	1	Shrub with arching stem whose thorns curve backward along stem; leafstalks partly covered by fringe or comb-like stipules.	
Narrow-leaved Bittercress	1	F				4			Cardamine impatiens	Roadsides, bottomland forests, stream banks, and lower slopes of rich deciduous forests	1		Erect sparsely hairy stem. Leaves are highly variable in size, pinnate, usually with 5-8 pairs of lateral leaflets and a stalked terminal leaflet.	
Norway Maple	1	T			4				Acer platanoides	Spreads from plantings to upland fields and hedgerows	1		Tree with toothed opposite 5-lobed leaves (when removed from a twig, leaf stem exudes milky sap); yellow 7+-part flowers; winged seeds are so broadly separated that they appear nearly horizontal.	
Purple Loosestrife	1	F					4		Lythrum salicaria	Swamps and wet meadows	1		Square-stemmed plant with opposite paired leaves or whorls of 3 leaves and purple 6-part flowers in a dense spike; often grows in large colonies.	
Total Species	23											20	12	

9 species are found along both trails

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

Invasive Plants Observed at Fox Preserve

Asiatic Bittersweet
(*Celastrus orbiculatus*)



Woody vine with nearly round, bluntly-toothed leaves; flowers in axillary clusters.

Autumn-olive
(*Elaeagnus umbellata*)



Somewhat thorny shrub with green leaves speckled with numerous fine silvery spots; fruits reddish with gold flecks, juicy.

Invasive Plants Observed at Fox Preserve

Bell's Honeysuckle (*Lonicera xbella*)



<http://www.mda.state.mn.us/plants/pestmanagement/weedcontrol/noxiouslist/~media/Images/plants/weeds-restricted/bellshoneysuckle/bh-berries.jpg>

Multi-stemmed shrub; leaves are widest at, or below, the middle and leaf bases are rounded; pairs of flowers develop from the axils of leaves.

Invasive Plants Observed at Fox Preserve

Bittersweet Nightshade
(*Solanum dulcamara*)



Vine with leaves divided into 3 leaflets with large terminal segment; purple shooting star-shaped flowers; red somewhat poisonous berry-like fruit.

Black Locust
(*Robinia pseudoacacia*)



http://www.oardc.ohio-state.edu/weedguide/display_photo.php?id=65&photo=422

Compound leaves with 6-20 egg-shaped leaflets; strong 1/2"-1" paired thorns along branches; white, fragrant flowers in clusters; flat 2"-6" seedpods.

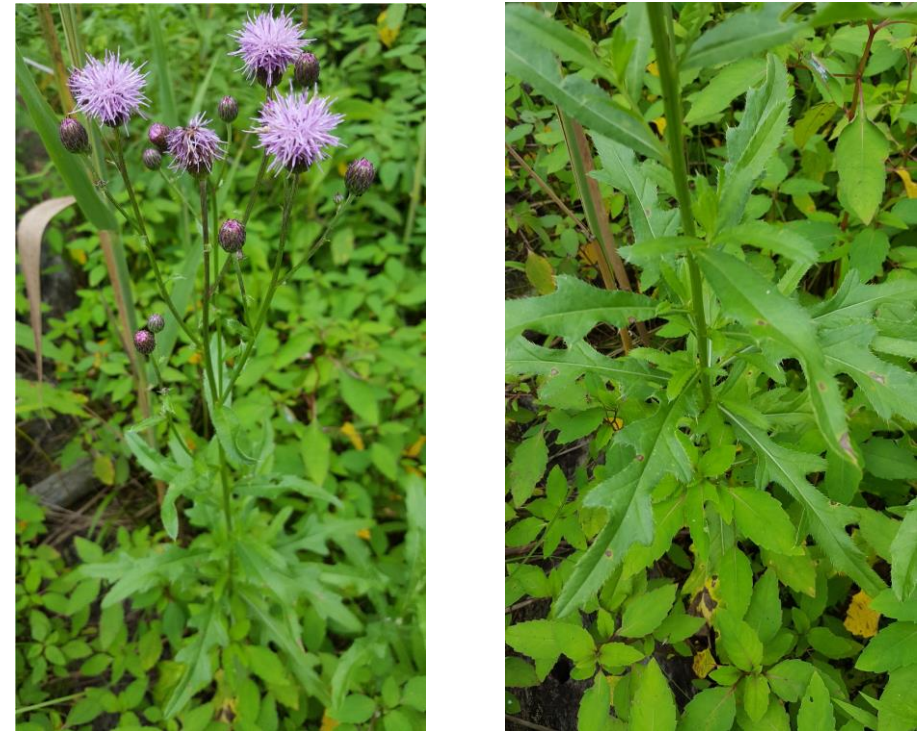
Invasive Plants Observed at Fox Preserve

Burningbush
(*Euonymus alatus*)



Shrub whose stems are notable for their four corky ridges or "wings." Leaves exhibit bright red fall color.

Canada Thistle
(*Cirsium arvense*)



Plant has alternate leaves with ragged irregular margins; small, numerous flower heads.

Invasive Plants Observed at Fox Preserve

Celandine
(*Chelidonium majus*)

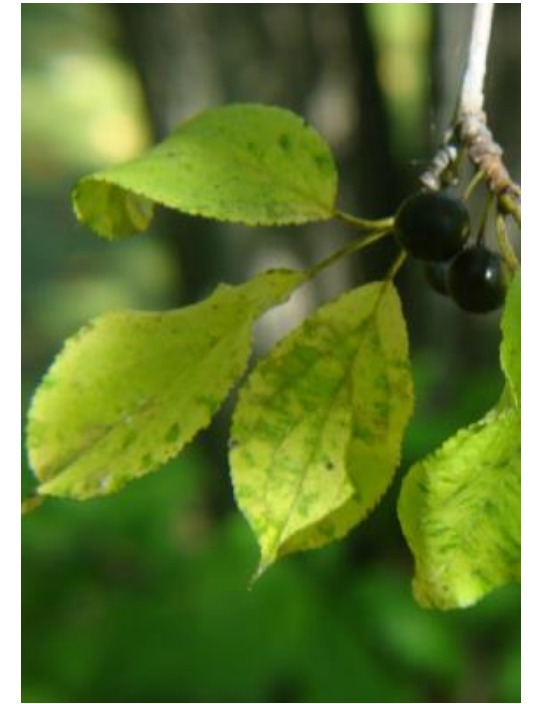


Plant has pinnate leaves comprised of irregularly lobed and alternate leaflets; stalk is hairy; yellow sap.

Common Buckthorn
(*Rhamnus cathartica*)



Shrub with twigs ending in sharp spine; fine-toothed leaves elliptic and hairless; berry-like fruits are black.



Invasive Plants Observed at Fox Preserve

Creeping Buttercup
(*Ranunculus repens*)



Plant creeping at its base, often forming patches; dark green leaves usually mottled.

Dame's Rocket
(*Hesperis matronalis*)



Plant with lanceolate alternate leaves; fragrant 4-part flower (white or pink).

Invasive Plants Observed at Fox Preserve

Field Sorrel

(*Rumex acetosella* ssp. *pyrenaicus*)



Plant with arrow-shaped leaves with flaring lobes; often grows in abundance.

Garden Valerian (*Valeriana officinalis*)



Plant with stem leaves divided into 7-12 pairs of lance-shaped leaflets; white 5-part funnel-shaped flowers.

Garlic Mustard (*Alliaria petiolata*)



Plant with large heart-shaped or triangular coarsely-toothed leaves; smells of garlic when crushed.

Ground Ivy (*Glechoma hederacea*)



Creeping stem with long-stalked bluntly-toothed kidney-shaped opposite leaves.

Invasive Plants Observed at Fox Preserve

Japanese Barberry
(*Berberis thunbergii*)



Shrub with non-toothed elliptical leaves and brown twigs; red fruits often persist through winter.

Japanese Knotweed
(*Reynoutria japonica* var. *japonica*)



https://www.thebotanist.com/sites/default/files/styles/serve_detail/public/knotweed.JPG?itok=MeTIM6lB

Plant with hollow bamboo-looking stalk with alternate shield-shaped leaves; often forms dense thickets.

Invasive Plants Observed at Fox Preserve

Moneywort

(Lysimachia nummularia)



Creeping plant with opposite roundish leaves and paired yellow 5-part flowers stemming from each leaf axil.

Morrow's Honeysuckle

(Lonicera morrowii)



http://www.illinoiswildflowers.info/trees/photos/morrow_hs3.jpg

Shrub with narrow or oblong leaves that are gray hairy beneath; fruits red or yellow.

Multi-flora Rose

(Rosa multiflora)



Shrub with arching stem whose thorns curve backward along stem; leafstalks partly covered by fringe or comb-like stipules.

Invasive Plants Observed at Fox Preserve

Narrow-leaved Bittercress (*Cardamine impatiens*)



Erect sparsely hairy stem. Leaves are highly variable in size, pinnate, usually with 5-8 pairs of lateral leaflets and a stalked terminal leaflet.

Invasive Plants Observed at Fox Preserve

Norway Maple
(*Acer platanoides*)



<https://goo.gl/images/B2g8UA>

Tree with toothed opposite 5-lobed leaves (when removed from a twig, leaf stem exudes milky sap); yellow 7+-part flowers; winged seeds are so broadly separated that they appear nearly horizontal.

Purple Loosestrife
(*Lythrum salicaria*)



Square-stemmed plant with opposite paired leaves or whorls of 3 leaves; purple 6-part flowers in a dense spike; often grows in large colonies.