

# Otsego Conservation District



**Tentative  
Species List**

## Northern Michigan Native Wildflowers and Grasses Catalog

Spring 2012

- Nearly twenty native species to choose from
- Multiple native gardens including riparian, pollinator, and butterfly

# Otsego Conservation District



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*Huron Pines AmeriCorps is supported in part by the Corporation for National and Community Service, W.K. Kellogg Foundation, DTE Energy Foundation, Huron Pines and contributions from host sites.*





## Prices

Plug .....	\$2.00
Quart .....	\$4.00
Quarter Tray (one species) . . . .	\$17.00
Half Tray (one species) . . . . .	\$30.00
Full Tray (one species) . . . . .	\$50.00



Plugs are 2"x2"x4"  
 Quarts are 3"x3"x 6"  
 Trays are 36 plugs or  
 16 quarts

## How to Care for Your New Native Plants

Mixing native plants of different heights, bloom colors, and foliage textures in odd-numbered groupings can produce an aesthetically pleasing garden while also attracting pollinators such as hummingbirds, butterflies, and bees to the area. You may also want to consider choosing a variety of plants that bloom at different times throughout the season, this can ensure summer-long beauty in your garden and is beneficial to native pollinators. Once you have determined which plants will do best at your site, prepare the soil by removing any unwanted vegetation and if needed amend the soil with organic materials such as shredded leaves or compost. Most native plants do best when planted in the spring or early summer, this gives them all summer to grow and store energy in their roots before they face their first winter. Native plants (even the drought resistant ones) must be watered during their first growing season to ensure that their roots become well established. The best way to water your new native perennials is with long soakings in the morning. Long soakings ensure that moisture soaks further into the soil encouraging deeper root growth while watering in the morning allows water to evaporate off the leaves during the day reducing moisture-related foliage damage. The general rule for spacing perennials is to plant them 12 inches apart, however, for taller perennials it may be best to leave more than 12 inches of spacing between plants.



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➤ (989) 732-4021

## Sun Garden

These native plants do well in full sun.

### Species:

- Big Bluestem
- Black-Eyed Susan
- Bluestem Goldenrod
- Butterfly Milkweed
- Canadian Wild Rye
- Culver's Root \*
- Cup Plant\*
- Dwarf Blazing Star
- Fireweed
- Golden Alexander \*
- Hairy Beard Tongue

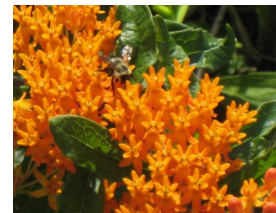
- Junegrass
- Little Bluestem
- Missouri Ironweed \*
- Nodding Wild Onion
- Northern Blazing Star
- Star
- Purplestem Angelica
- Sand Coreopsis
- Showy Goldenrod
- Smooth Blue Aster
- Spotted Beebalm/  
Horsemint
- Western Sunflower
- Wild Lupine
- Wild Bergamot
- Yellow Coneflower\*



Northern Blazing Star



Sand Coreopsis



Butterfly Milkweed



Missouri Ironweed



Swamp Milkweed

## Butterfly Garden

These native plants encourage butterflies by providing food and/or shelter during all phases of the butterfly life cycle.

### Species:

Black-Eyed Susan .....	Adult
Blue Vervain .....	Larvae
Butterfly Milkweed .....	Larvae, Adult
Culver's Root * .....	Adult
Golden Alexander * .....	Larvae
Hoary Vervain .....	Larvae
Joe-Pye Weed .....	Larvae
Little Bluestem .....	Larvae
Missouri Ironweed * .....	Larvae
Nodding Wild Onion .....	Adult
Riddell's Goldenrod * .....	Adult
Smooth Blue Aster .....	Larvae, Adult
Swamp Milkweed .....	Larvae, Adult
Wild Lupine .....	Larvae
Yellow Coneflower * .....	Adult

\*Native to Southern Michigan

## Pollinator Garden

These native plants attract pollinators such as bees and butterflies as well as natural enemies to garden pests. This list was compiled from research conducted at Michigan State University. For more information go to the OCD website.

### Species: Attractiveness to Pollinators

- Blue Lobelia ..... Very high
- Boneset ..... High
- Culver's Root\* ..... Very high
- Cup Plant \* ..... Very high
- Golden Alexander \* ..... High
- Hairy Beard Tongue ..... High
- Missouri Ironweed \* ..... High
- New England Aster ..... High
- Nodding Wild Onion ..... High
- Riddell's Goldenrod \* ..... High
- Sand Coreopsis ..... Very high
- Smooth Blue Aster ..... Average
- Spotted Beebalm/Horsemint .. High
- Yellow Coneflower \* ..... High



New England Aster



Cup Plant



Wild Lupine



Wild Geranium

## Shade Garden

Some of these native plants do well in full shade, others in partial sun. Most prefer moist soil.

### Species:

- Big-Leaved Aster ..... Shade
- Bluestem Goldenrod .... Partial Sun
- Canadian Wild Rye ..... Shade
- Culver's Root \* ..... Partial Sun
- Early Meadow Rue ..... Shade
- Fireweed ..... Partial Sun
- Golden Alexander \* ..... Shade
- Hairy Beard Tongue ..... Shade
- Junegrass ..... Shade
- Smooth Blue Aster ..... Partial Sun
- Wild Bergamot ..... Partial Sun
- Wild Columbine ..... Shade
- Wild Geranium \* ..... Shade
- Wild Lupine ..... Partial Sun

\*Native to Southern Michigan

Bloom Month								Color	Height	Sizes		Native to N. MI
A	M	J	J	A	S	O	Plugs			Quarts		
		J	J	A			Pink	4'	☼			✓
		J	J	A			White	5'	☼			
A	M	J					White	4'	☼			✓
	M	J					Purple	18"	☼			✓
A	M	J	J				Red	1'	☼			✓
		J	J	A	S		Purple	2'	☼			✓
			J	A	S		Cream	5'	☼			✓
A	M	J	J				Purple	1'	☼			
								7'	☼	☼		✓
								5'	☼	☼		✓
								5'	☼			✓
								2'	☼			✓
								3'	☼	☼		✓
								5'	☼			✓
	M	J	J				Blue	3'	☼			✓
	M	J					Blue	6"	☼			✓
	M	J	J				Purple	2'	☼			✓
			J	A			Purple	18"	☼			✓
		J	J	A			Orange	2'	☼			✓
		J	J	A			Red	4'	☼			✓
			J	A	S		Purple	2'	☼			✓
			J	A	S		Purple	4'	☼			✓
			J	A	S		Blue	5'	☼			✓
		J	J	A	S		Blue	2'	☼			✓

☼: Plants available in that size

Common Name	Scientific Name	Sun			Soil				
		F	P	S	W	WM	M	DM	D
<b>Evening Primrose Family (Onagraceae)</b>									
Fireweed	<i>Epilobium angustifolium</i>	○	●			▲	▲	▲	
<b>Figwort Family (Scrophulariaceae) - continued</b>									
Culver's Root	<i>Veronicastrum virginicum</i>	○	●			▲	▲	▲	
Foxglove Beard Tongue	<i>Penstemon digitalis</i>	○					▲	▲	▲
Hairy Beard Tongue	<i>Penstemon hirsutus</i>	○				▲	▲	▲	▲
Indian Paintbrush	<i>Castilleja coccinea</i>	○				▲	▲	▲	
Monkey Flower	<i>Mimulus ringens</i>	○	●		▲	▲			
Turtlehead	<i>Chelone glabra</i>	○			▲	▲			
<b>Geranium Family (Geraniaceae)</b>									
Wild Geranium	<i>Geranium maculatum</i>	○		●			▲	▲	
<b>Grass Family (Poaceae)</b>									
Big Bluestem	<i>Andropogon gerardii</i>	○	●			▲	▲	▲	▲
Canadian Wild Rye	<i>Elymus canadensis</i>	○	●			▲	▲	▲	▲
Indian Grass	<i>Sorghastrum nutans</i>	○					▲	▲	▲
Junegrass	<i>Koeleria macrantha</i>	○	●					▲	▲
Little Bluestem	<i>Schizachyrium scoparium</i>	○	●				▲	▲	▲
Switch Grass	<i>Panicum virgatum</i>	○	●		▲	▲	▲		
<b>Iris Family (Iridaceae)</b>									
Northern Blue Flag	<i>Iris versicolor</i>	○	●		▲	▲	▲		
Stout Blue-eyed Grass	<i>Sisyrinchium angustifolium</i>	○	●			▲	▲	▲	
<b>Legume Family (Leguminosae)</b>									
Wild Lupine	<i>Lupinus perennis</i>	○	●					▲	▲
<b>Lily Family (Liliaceae)</b>									
Nodding Wild Onion	<i>Allium cernuum</i>	○	●			▲	▲	▲	
<b>Milkweed Family (Asclepiadaceae)</b>									
Butterfly Milkweed	<i>Asclepias tuberosa</i>	○	●				▲	▲	▲
Swamp Milkweed	<i>Asclepias incarnata</i>	○			▲	▲	▲		
<b>Mint Family (Lamiaceae)</b>									
Spotted Beebalm/Horse	<i>Monarda punctata</i>	○	●					▲	▲
Wild Bergamot	<i>Monarda fistulosa</i>	○	●			▲	▲	▲	▲
<b>Verbena Family (Verbenaceae)</b>									
Blue Vervain	<i>Verbena hastata</i>	○	●		▲	▲	▲		
Hoary Vervain	<i>Verbena stricta</i>	○	●					▲	▲

○ Full Sun: 0% - 20% shade ● Partial Sun: 20% - 70% shade ● Shade: 70% - 100% shade  
 ▲Soil W: Wet WM: Wet Mesic M: Mesic (Medium) DM: Dry Mesic D: Dry

## Riparian Sun Garden

These native plants do well in full sun. Some need moist to wet soil and do well in or right next to water. Others prefer moist to dry soil and would be planted higher on the bank. A few, such as the Black-Eyed Susan, have extensive root systems which prevent erosion.



Blue Vervain



Fireweed

### Species:

- Big Bluestem ..... Above ordinary high water mark
- Black-Eyed Susan ..... Above ordinary high water mark
- Blue Lobelia ..... Below ordinary high water mark
- Blue Vervain ..... Above ordinary high water mark
- Boneset ..... Below ordinary high water mark
- Canadian Wild Rye ..... Above ordinary high water mark
- Cardinal Flower ..... Below ordinary high water mark
- Culver's Root\* ..... Above ordinary high water mark
- Fireweed ..... Below ordinary high water mark
- Golden Alexander\* ..... Above ordinary high water mark
- Joe-Pye Weed ..... Below ordinary high water mark
- Missouri Ironweed \* ..... Above ordinary high water mark
- Monkey Flower ..... Below ordinary high water mark
- New England Aster ..... Above ordinary high water mark
- Northern Blue Flag ..... Below water level
- Purple Meadow Rue .... Above ordinary high water mark
- Riddell's Goldenrod\* .... Above ordinary high water mark
- Turtlehead ..... Above ordinary high water mark

## Riparian Shade Garden

These native plants do well in partial sun. Some need moist to wet soil and do well in or right next to water. Others prefer moist to dry soil and would be planted higher on the bank.



Riddell's Goldenrod

### Species:

- Blue Lobelia ..... Partial Sun
- Canadian Wild Rye ..... Shade
- Cardinal Flower ..... Shade
- Culver's Root\* ..... Partial Sun
- Fireweed ..... Partial Sun
- Golden Alexander\* ..... Shade
- New England Aster .... Partial Sun
- Northern Blue Flag ..... Partial Sun
- Purple Meadow Rue ... Partial Sun



Cardinal Flower

\*Native to Southern Michigan

Common Name	Scientific Name	Sun			Soil				
		F	P	S	W	WM	M	DM	D
<b>Aster Family (Asteraceae)</b>									
Big-Leaved Aster	<i>Aster macrophyllus</i>		●	●		●	●	●	●
Black-Eyed Susan	<i>Rudbeckia hirta</i>	○	●			●	●	●	●
Bluestem Goldenrod	<i>Solidago caesia</i>	○	●						●
Boneset	<i>Eupatorium perfoliatum</i>	○	●		●	●			
Cup Plant	<i>Silphium perfoliatum</i>	○	●			●	●		
Dwarf Blazing Star	<i>Liatris cylindracea</i>	○	●					●	●
False Sunflower	<i>Heliopsis helianthoides</i>	○					●	●	●
Joe-Pye Weed	<i>Eupatorium maculatum</i>	○	●		●	●			
Missouri Ironweed	<i>Vernonia missurica</i>	○				●	●	●	
New England Aster	<i>Aster novae-angliae</i>	○	●		●	●	●		
Northern Blazing Star	<i>Liatris scariosa</i>	○	●				●	●	●
Pale Coneflower	<i>Echinacea pallida</i>	○	●				●	●	●
Riddell's Goldenrod	<i>Oligoneuron riddellii</i>	○			●	●	●		
Sand Coreopsis	<i>Coreopsis lanceolata</i>	○						●	●
Showy Goldenrod	<i>Solidago speciosa</i>	○	●				●	●	●
Smooth Blue Aster	<i>Aster laevis</i>	○	●			●	●	●	
Tall Coreopsis	<i>Coreopsis tripteris</i>	○					●	●	●
Western Sunflower	<i>Helianthus occidentalis</i>	○	●				●	●	●
Yellow Coneflower	<i>Ratibida pinnata</i>	○	●				●	●	
ZigZag Goldenrod	<i>Solidago flexicaulis</i>	○	●			●	●	●	
<b>Bellflower Family (Campanulaceae)</b>									
Blue Lobelia	<i>Lobelia siphilitica</i>	○	●	●	●	●			
Cardinal Flower	<i>Lobelia cardinalis</i>	○	●		●	●			
<b>Buttercup Family (Ranunculaceae)</b>									
Early Meadow Rue	<i>Thalictrum dioicum</i>		●	●		●	●	●	
Marsh-Marigold	<i>Caltha palustris</i>	○	●		●				
Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	○	●			●	●		
Wild Columbine	<i>Aquilegia canadensis</i>	○	●	●			●	●	●
<b>Carrot Family (Apiaceae)</b>									
Golden Alexander	<i>Zizia aurea</i>	○	●			●	●	●	
Purplestem Angelica	<i>Angelica atropurpurea</i>	○	●			●	●		

○ Full Sun: 0% - 20% shade ● Partial Sun: 20% - 70% shade ● Shade: 70% - 100% shade  
 ● Soil W: Wet WM: Wet Mesic M: Mesic (Medium) DM: Dry Mesic D: Dry

Bloom Month							Color	Height	Sizes		Native to N. MI
A	M	J	J	A	S	O			Plugs	Quarts	
				A	S	O	White	1'	☼		✓
		J	J	A	S	O	Yellow	2'	☼		✓
				A	S	O	Yellow	3'	☼		✓
			J	A	S		White	4'	☼		✓
			J	A	S		Yellow	8'	☼		
			J	A	S	O	Purple	1'	☼		✓
		J	J	A	S		Yellow	5'	☼		✓
		J	J	A			Pink	5'	☼		✓
			J	A	S	O	Purple	5'	☼		
				A	S	O	Purple	4'	☼		✓
				A	S		Purple	2'	☼		✓
		J	J				Purple	3'	☼		
	M	J	J				Yellow	3'	☼		✓
				A	S	O	Yellow	5'	☼		✓
				A	S	O	Blue	4'	☼		✓
			J	A	S		Yellow	6'	☼		
			J	A	S		Yellow	3'	☼		✓
			J	A	S		Yellow	5'	☼		
			J	A	S		Yellow	2'	☼		✓
			J	A	S	O	Blue	3'	☼		✓
			J	A	S		Red	4'	☼		✓
A	M						Green	2'	☼		✓
A	M	J					Yellow	1'	☼		✓
		J	J				Cream	6'	☼		✓
A	M	J					Red	2'	☼	☼	✓
A	M	J					Yellow	3'	☼		
	M	J					Green	7'	☼		✓

☼: Plants available in that size