

Brighton Pollinator Pathway Challenge

Name _____ Address _____

STEP 1

Check your yard to see what you already have growing! Apps and resources for identifying plants can be found at [Color Brighton Green](#). Consider removing anything invasive.

STEP 2

What native plants are you growing? Please make sure that the plants you have correspond to the botanical names below. Avoid hybrid varieties when possible. **(Check all that apply. Minimum requirement: 10)**

“H” beside a plant name below indicates it is also a host plant for butterfly or moth larvae.

We recommend planting a variety of trees, shrubs, and perennials that bloom at different times of the year to provide year-round food and habitat for pollinators and other wildlife.









































These lists represent a condensed version of lists compiled by the Cornell Cooperative Extension - Monroe County Master Gardeners. For their complete lists, see <https://monroe.cce.cornell.edu/master-gardeners/pollinator-friendly-gardens/native-plant-lists>.

☀ = Full sun, ☀☁ = Part Shade, ☁ = Shade

TREES





























Common Name	Botanical Name	Lighting	Height	Soil Moisture	Deer Damage
<input type="checkbox"/> Red Maple (H)	Acer rubrum	☀	40' – 60'	Moist-Avg	Seldom
<input type="checkbox"/> Sugar Maple (H)	Acer saccharum	☀	60' – 75'	Avg	Seldom
<input type="checkbox"/> Serviceberry (H)	Amelanchier spp.	☀☀☁	6' – 25'	Avg	Seldom
<input type="checkbox"/> River Birch (H)	Betula nigra	☀	40' – 70'	Moist-Avg	Very Rare
<input type="checkbox"/> Shag-bark Hickory (H)	Carya ovata	☀	60' – 80'	Avg	Very Rare
<input type="checkbox"/> Flowering Dogwood (H)	Cornus florida	☀☁	20' – 30'	Avg	Occasional
<input type="checkbox"/> Tulip (H)	Liriodendron tulipifera	☀	80' – 120'	Moist-Avg	Seldom
<input type="checkbox"/> Black Gum (H)	Nyssa sylvatica	☀	40' – 70'	Moist-Avg	Very Rare
<input type="checkbox"/> Hop Hornbeam (H)	Ostrya virginiana	☀☀☁	30' – 50'	Avg	Seldom
<input type="checkbox"/> Eastern Sycamore (H)	Platanus occidentalis	☀☀☁	75' – 100'	Moist-Dry	Very Rare
<input type="checkbox"/> Black Cherry (H)	Prunus serotina	☀☀☁	50' – 60'	Avg	Frequent
<input type="checkbox"/> Chokecherry (H)	Prunus virginiana	☀	20' – 35'	Avg	Frequent
<input type="checkbox"/> White Oak (H)	Quercus alba	☀	50' – 80'	Avg	Occasional
<input type="checkbox"/> Pin Oak (H)	Quercus palustris	☀	60' – 75'	Avg	Occasional
<input type="checkbox"/> Red Oak (H)	Quercus rubra	☀	60' – 75'	Avg	Occasional
<input type="checkbox"/> Black Willow (H)	Salix nigra	☀	50'	Moist-Avg	Occasional
<input type="checkbox"/> Sassafras (H)	Sassafras albidum	☀☀☁	30' – 60'	Moist-Avg	Seldom
<input type="checkbox"/> Basswood; Linden (H)	Tilia americana	☀	60' – 80'	Moist-Avg	Occasional
<input type="checkbox"/> Other native trees (please specify):					
<input type="checkbox"/> Other native trees (please specify):					

SHRUBS


































Common Name	Botanical Name	Lighting	Height	Soil Moisture	Deer Damage
<input type="checkbox"/> Bearberry	Arctostaphylos uva-ursi	 	1'	Avg	Very Rare
<input type="checkbox"/> Black Chokeberry (H)	Aronia melanocarpa		3' – 5'	Moist-Avg	Seldom
<input type="checkbox"/> New Jersey Tea (H)	Ceanothus americanus	 	3' – 4'	Avg	Frequent
<input type="checkbox"/> Buttonbush	Cephalanthus occidentalis	 	4' – 10'	Moist-Avg	Seldom
<input type="checkbox"/> Sweetpepper bush	Clethra alnifolia		4' – 8'	Avg-Moist	Seldom
<input type="checkbox"/> Pagoda Dogwood (H)	Cornus alternifolia	 	15' – 25'	Avg-Moist	Occasional
<input type="checkbox"/> Silky Dogwood (H)	Cornus amomum	  	12'	Avg	Occasional
<input type="checkbox"/> Gray Dogwood (H)	Cornus racemosa	 	10' – 15'	Moist-Avg	Occasional
<input type="checkbox"/> Red Twig Dogwood (H)	Cornus sericea	 	6' – 8'	Moist-Avg	Seldom
<input type="checkbox"/> Witch Hazel (H)	Hamamelis virginiana	  	15' – 25'	Avg	Seldom
<input type="checkbox"/> Winterberry Holly	Ilex verticillata	 	6' – 8'	Moist-Avg	Seldom
<input type="checkbox"/> Mountain Laurel (H)	Kalmia latifolia	 	7' – 15'	Avg	Occasional
<input type="checkbox"/> Spicebush (H)	Lindera benzoin		6' – 12'	Moist-Avg	Seldom
<input type="checkbox"/> Ninebark (H)	Physocarpus opulifolius	 	5' – 10'	Moist-Avg	Seldom
<input type="checkbox"/> Fragrant Sumac (H)	Rhus aromatica		2' – 6'	Avg-Dry	Very Rare
<input type="checkbox"/> Staghorn Sumac (H)	Rhus typhina	 	35' – 40'	Avg-Dry	Occasional
<input type="checkbox"/> Carolina Rose (H)	Rosa carolina		3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Swamp Rose (H)	Rosa palustris	 	3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Pussy Willow	Salix discolor	 	6' – 15'	Moist-Avg	Occasional
<input type="checkbox"/> Blueberry (H)	Vaccinium spp.		6' – 12'	Avg	Occasional
<input type="checkbox"/> Mapleleaf Viburnum (H)	Viburnum acerifolium	 	4' – 6'	Avg	Seldom
<input type="checkbox"/> Arrowwood Viburnum (H)	Viburnum dentatum	 	8' – 10'	Moist-Dry	Very Rare
<input type="checkbox"/> Other native shrubs (please specify):					
<input type="checkbox"/> Other native shrubs (please specify):					

NATIVE PERENNIALS:


























Early Season Bloom: Spring through mid- June

Common Name	Botanical Name	Lighting	Height	Soil Moisture	Deer Damage
<input type="checkbox"/> Wild Columbine (H)	Aquilegia canadensis	 	1' – 3'	Avg	Seldom
<input type="checkbox"/> Blue False Indigo (H)	Baptisia australis		3' – 4'	Avg-Dry	Very Rare
<input type="checkbox"/> Wild Geranium (H)	Geranium maculatum		1' – 3'	Avg-Dry	Occasional
<input type="checkbox"/> Blue Flag Iris	Iris versicolor	 	1' – 2'	Moist-Avg	Very Rare
<input type="checkbox"/> False Solomon's Seal	Maianthemum racemosum	 	1' – 2'	Avg	Occasional
<input type="checkbox"/> Golden Ragwort (H)	Packera aurea	 	1' – 3'	Moist-Avg	Seldom
<input type="checkbox"/> Foxglove beardtongue	Penstemon digitalis		3' – 5'	Avg	Sometimes
<input type="checkbox"/> Beardtongue (H)	Penstemon hirsutus	 	1' – 2'	Avg	Occasional
<input type="checkbox"/> Wild Blue Phlox (H)	Phlox divaricata	 	1' – 2'	Avg	Occasional
<input type="checkbox"/> Moss Phlox	Phlox subulata		<1'	Avg	Occasional
<input type="checkbox"/> Jacob's Ladder	Polemonium reptans	 	1' – 2'	Avg	Seldom
<input type="checkbox"/> Solomon's Seal	Polygonatum biflorum	 	1' – 3'	Avg	Occasional
<input type="checkbox"/> Bloodroot	Sanguinaria canadensis	 	<1'	Moist-Avg	Very Rare
<input type="checkbox"/> Foamflower	Tiarella cordifolia	 	<1'	Avg	Seldom
<input type="checkbox"/> Violets (H)	Viola spp.	 	<1'	Avg	Seldom
<input type="checkbox"/> Golden Alexander (H)	Zizia aurea	 	1' – 3'	Avg	Seldom
<input type="checkbox"/> Other native perennials (please specify):					
<input type="checkbox"/> Other native perennials (please specify):					

Mid-Season Bloom: Mid-June through mid-August

Common Name	Botanical Name	Lighting	Height	Soil Moisture	Deer Damage
<input type="checkbox"/> Common Yarrow (H)	Achillea millefolium		2' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Bugbane	Actaea racemosa	 	4' – 6'	Avg	Seldom
<input type="checkbox"/> Pearly Everlasting (H)	Anaphalis margaritacea	 	1' – 2'	Avg-Dry	Very Rare
<input type="checkbox"/> Poke Milkweed (H)	Asclepias exaltata		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Swamp Milkweed (H)	Asclepias incarnata		2' – 4'	Moist-Avg	Seldom
<input type="checkbox"/> Purple Milkweed (H)	Asclepias purpurascens		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Common Milkweed (H)	Asclepias syriaca		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Butterfly Weed (H)	Asclepias tuberosa		1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Pink Tickseed	Coreopsis rosea		1' – 2'	Avg	Seldom
<input type="checkbox"/> Purple Coneflower (H)	Echinacea purpurea	 	1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Boneset (H)	Eupatorium perfoliatum	 	2' – 5'	Avg	Seldom
<input type="checkbox"/> Joe Pye Weed (H)	Eutrochium spp.	 	3' – 8'	Moist-Avg	Very Rare
<input type="checkbox"/> Blazing Star	Liatris spicata		2' – 4'	Avg	Seldom
<input type="checkbox"/> Turk's Cap Lily	Lilium superbum		4' – 7'	Moist-Avg	Occasional
<input type="checkbox"/> Cardinal Flower	Lobelia cardinalis	 	2' – 4'	Moist-Avg	Seldom
<input type="checkbox"/> Trumpet Honeysuckle (H)	Lonicera sempervirens		8' – 15'	Avg	Seldom
<input type="checkbox"/> Bee Balm	Monarda didyma	 	2' – 4'	Avg	Seldom
<input type="checkbox"/> Garden Phlox	Phlox paniculata	 	2' – 4'	Avg	Occasional
<input type="checkbox"/> Mountain Mint	Pycnanthemum spp.	 	1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Cutleaf Coneflower (H)	Rudbeckia laciniata	 	3' – 10'	Avg	Seldom
<input type="checkbox"/> Brown-eyed Susan	Rudbeckia triloba		1' – 3'	Avg	Seldom
<input type="checkbox"/> Culver's Root	Veronicastrum virginicum	 	4' – 6'	Moist-Avg	Very Rare
<input type="checkbox"/> Other native perennials (please specify):					
<input type="checkbox"/> Other native perennials (please specify):					

Late Season Bloom: mid-August through frost

Common Name	Botanical Name	Lighting	Height	Soil Moisture	Deer Damage
<input type="checkbox"/> Purple Giant Hyssop	Agastache scrophulariifolia	 	3' – 6'	Avg	Very Rare
<input type="checkbox"/> White Snakeroot (H)	Ageratina altissima	 	2' – 4'	Avg-Dry	Very Rare
<input type="checkbox"/> White Turtlehead (H)	Chelone glabra	 	2' – 3'	Moist-Avg	Occasional
<input type="checkbox"/> Flat-top White Aster (H)	Doellingeria umbellata	 	3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Big-leaf Aster (H)	Eurybia macrophylla	 	2' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Bottle Gentian	Gentiana clausa	 	1' – 3'	Avg	Seldom
<input type="checkbox"/> Sneezeweed	Helenium autumnale	 	3' – 5'	Avg	Seldom
<input type="checkbox"/> Woodland Sunflower (H)	Helianthus divaricatus	 	2' – 6'	Avg-Dry	Seldom
<input type="checkbox"/> Ox-Eye Sunflower	Heliopsis helianthoides	 	3' – 5'	Avg-Dry	Seldom
<input type="checkbox"/> Obedient Plant	Physostegia virginiana		3' – 4'	Avg	Seldom
<input type="checkbox"/> Black-eyed Susan (H)	Rudbeckia hirta		1' – 3'	Avg	Seldom
<input type="checkbox"/> Blue Sage	Salvia azurea var. grandiflora		3' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Goldenrods (H)	Solidago spp.		1' – 5'	Avg-Dry	Seldom
<input type="checkbox"/> New England Aster (H)	Symphyotrichum novae-angliae	 	3' – 6'	Avg	Seldom
<input type="checkbox"/> New York Aster (H)	Symphyotrichum novi-belgii		2' – 3'	Avg	Seldom
<input type="checkbox"/> New York Ironweed	Vernonia noveboracensis		4' – 6'	Avg	Very Rare
<input type="checkbox"/> Other native perennials (please specify):					
<input type="checkbox"/> Other native perennials (please specify):					

STEP 3

PROVIDE WATER SOURCES

Like all living things, pollinators need a source of water. How do you provide water for pollinators?

(Check all that apply. Minimum requirement: 1)

- ☐ Birdbath or shallow water source
- ☐ Butterfly puddling area
- ☐ Water Garden / Pond
- ☐ Stream
- ☐ Spring

STEP 4

PROVIDE SHELTER

Pollinators need places to nest and to overwinter. How do you provide overwintering and nesting sites for pollinators?

(Check all that apply. Minimum requirement: 3)

- ☐ Spaces of bare ground
- ☐ Rock pile / wall
- ☐ Dead wood
- ☐ Man-made boxes
- ☐ [Leave yard and garden debris until spring](#)

STEP 5

- ☐ Avoid pesticides (includes all herbicides, insecticides, and fungicides)
- ☐ Avoid chemical fertilizers

STEP 6

Bring this completed form to the [Brighton Department of Public Works](#) to receive your yard sign. Congratulations, and thank you for helping us spread the word! Consider adding your address to the national Pollinator Pathway map at [Pollinator-Pathway.org](#).

Comments? Contact us at info@colorbrightongreen.org.

The Pollinator Pathway is a national effort. We have utilized resources from organizations including [Pollinator Pathway National Organization](#), [Homegrown National Park](#), [Xerces Society](#) and [Cornell Cooperative Extension - Monroe County Master Gardeners](#) to create this opportunity for Brighton residents. The Brighton efforts will be linked with a local umbrella organization, [Healthy Yards Monroe County](#).

