

# 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)	<a href="#">Acer rubrum</a>		40' – 60'	Moist-Avg	Seldom
<input type="checkbox"/> Sugar Maple (H)	<a href="#">Acer saccharum</a>		60' – 75'	Avg	Seldom
<input type="checkbox"/> Serviceberry (H)	<a href="#">Amelanchier spp.</a>	 	6' – 25'	Avg	Seldom
<input type="checkbox"/> River Birch (H)	<a href="#">Betula nigra</a>		40' – 70'	Moist-Avg	Very Rare
<input type="checkbox"/> Shag-bark Hickory (H)	<a href="#">Carya ovata</a>		60' – 80'	Avg	Very Rare
<input type="checkbox"/> Flowering Dogwood (H)	<a href="#">Cornus florida</a>		20' – 30'	Avg	Occasional
<input type="checkbox"/> Tulip (H)	<a href="#">Liriodendron tulipifera</a>		80' – 120'	Moist-Avg	Seldom
<input type="checkbox"/> Black Gum (H)	<a href="#">Nyssa sylvatica</a>		40' – 70'	Moist-Avg	Very Rare
<input type="checkbox"/> Hop Hornbeam (H)	<a href="#">Ostrya virginiana</a>	 	30' – 50'	Avg	Seldom
<input type="checkbox"/> Eastern Sycamore (H)	<a href="#">Platanus occidentalis</a>	 	75' – 100'	Moist-Dry	Very Rare
<input type="checkbox"/> Black Cherry (H)	<a href="#">Prunus serotina</a>	 	50' – 60'	Avg	Frequent
<input type="checkbox"/> Chokecherry (H)	<a href="#">Prunus virginiana</a>		20' – 35'	Avg	Frequent
<input type="checkbox"/> White Oak (H)	<a href="#">Quercus alba</a>		50' – 80'	Avg	Occasional
<input type="checkbox"/> Pin Oak (H)	<a href="#">Quercus palustris</a>		60' – 75'	Avg	Occasional
<input type="checkbox"/> Red Oak (H)	<a href="#">Quercus rubra</a>		60' – 75'	Avg	Occasional
<input type="checkbox"/> Black Willow (H)	<a href="#">Salix nigra</a>		50'	Moist-Avg	Occasional
<input type="checkbox"/> Sassafras (H)	<a href="#">Sassafras albidum</a>	 	30' – 60'	Moist-Avg	Seldom
<input type="checkbox"/> Basswood; Linden (H)	<a href="#">Tilia americana</a>		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	<a href="#">Arctostaphylos uva-ursi</a>		1'	Avg	Very Rare
<input type="checkbox"/> Black Chokeberry (H)	<a href="#">Aronia melanocarpa</a>		3' – 5'	Moist-Avg	Seldom
<input type="checkbox"/> New Jersey Tea (H)	<a href="#">Ceanothus americanus</a>		3' – 4'	Avg	Frequent
<input type="checkbox"/> Buttonbush	<a href="#">Cephalanthus occidentalis</a>		4' – 10'	Moist-Avg	Seldom
<input type="checkbox"/> Sweetpepper bush	<a href="#">Clethra alnifolia</a>		4' – 8'	Avg-Moist	Seldom
<input type="checkbox"/> Pagoda Dogwood (H)	<a href="#">Cornus alternifolia</a>		15' – 25'	Avg-Moist	Occasional
<input type="checkbox"/> Silky Dogwood (H)	<a href="#">Cornus amomum</a>		12'	Avg	Occasional
<input type="checkbox"/> Gray Dogwood (H)	<a href="#">Cornus racemosa</a>		10' – 15'	Moist-Avg	Occasional
<input type="checkbox"/> Red Twig Dogwood (H)	<a href="#">Cornus sericea</a>		6' – 8'	Moist-Avg	Seldom
<input type="checkbox"/> Witch Hazel (H)	<a href="#">Hamamelis virginiana</a>		15' – 25'	Avg	Seldom
<input type="checkbox"/> Winterberry Holly	<a href="#">Ilex verticillata</a>		6' – 8'	Moist-Avg	Seldom
<input type="checkbox"/> Mountain Laurel (H)	<a href="#">Kalmia latifolia</a>		7' – 15'	Avg	Occasional
<input type="checkbox"/> Spicebush (H)	<a href="#">Lindera benzoin</a>		6' – 12'	Moist-Avg	Seldom
<input type="checkbox"/> Ninebark (H)	<a href="#">Physocarpus opulifolius</a>		5' – 10'	Moist-Avg	Seldom
<input type="checkbox"/> Fragrant Sumac (H)	<a href="#">Rhus aromatica</a>		2' – 6'	Avg-Dry	Very Rare
<input type="checkbox"/> Staghorn Sumac (H)	<a href="#">Rhus typhina</a>		35' – 40'	Avg-Dry	Occasional
<input type="checkbox"/> Carolina Rose (H)	<a href="#">Rosa carolina</a>		3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Swamp Rose (H)	<a href="#">Rosa palustris</a>		3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Pussy Willow	<a href="#">Salix discolor</a>		6' – 15'	Moist-Avg	Occasional
<input type="checkbox"/> Blueberry (H)	<a href="#">Vaccinium spp.</a>		6' – 12'	Avg	Occasional
<input type="checkbox"/> Mapleleaf Viburnum (H)	<a href="#">Viburnum acerifolium</a>		4' – 6'	Avg	Seldom
<input type="checkbox"/> Arrowwood Viburnum (H)	<a href="#">Viburnum dentatum</a>		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)	<a href="#">Aquilegia canadensis</a>		1' – 3'	Avg	Seldom
<input type="checkbox"/> Blue False Indigo (H)	<a href="#">Baptisia australis</a>		3' – 4'	Avg-Dry	Very Rare
<input type="checkbox"/> Wild Geranium (H)	<a href="#">Geranium maculatum</a>		1' – 3'	Avg-Dry	Occasional
<input type="checkbox"/> Blue Flag Iris	<a href="#">Iris versicolor</a>		1' – 2'	Moist-Avg	Very Rare
<input type="checkbox"/> False Solomon's Seal	<a href="#">Maianthemum canadense</a>		1' – 2'	Avg	Occasional
<input type="checkbox"/> Golden Ragwort (H)	<a href="#">Packera aurea</a>		1' – 3'	Moist-Avg	Seldom
<input type="checkbox"/> Foxglove beardtongue	<a href="#">Penstemon digitalis</a>		3' – 5'	Avg	Sometimes
<input type="checkbox"/> Beardtongue (H)	<a href="#">Penstemon hirsutus</a>		1' – 2'	Avg	Occasional
<input type="checkbox"/> Wild Blue Phlox (H)	<a href="#">Phlox divaricata</a>		1' – 2'	Avg	Occasional
<input type="checkbox"/> Moss Phlox	<a href="#">Phlox subulata</a>		<1'	Avg	Occasional
<input type="checkbox"/> Jacob's Ladder	<a href="#">Polemonium reptans</a>		1' – 2'	Avg	Seldom
<input type="checkbox"/> Solomon's Seal	<a href="#">Polygonatum biflorum</a>		1' – 3'	Avg	Occasional
<input type="checkbox"/> Bloodroot	<a href="#">Sanguinaria canadensis</a>		<1'	Moist-Avg	Very Rare
<input type="checkbox"/> Foamflower	<a href="#">Tiarella cordifolia</a>		<1'	Avg	Seldom
<input type="checkbox"/> Violets (H)	<a href="#">Viola spp.</a>		<1'	Avg	Seldom
<input type="checkbox"/> Golden Alexander (H)	<a href="#">Zizia aurea</a>		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)	<i>Achillea millefolium</i>		2' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Bugbane	<i>Actaea racemosa</i>		4' – 6'	Avg	Seldom
<input type="checkbox"/> Pearly Everlasting (H)	<i>Anaphalis margaritacea</i>		1' – 2'	Avg-Dry	Very Rare
<input type="checkbox"/> Poke Milkweed (H)	<i>Asclepias exaltata</i>		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Swamp Milkweed (H)	<i>Asclepias incarnata</i>		2' – 4'	Moist-Avg	Seldom
<input type="checkbox"/> Purple Milkweed (H)	<i>Asclepias purpurascens</i>		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Common Milkweed (H)	<i>Asclepias syriaca</i>		2' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Butterfly Weed (H)	<i>Asclepias tuberosa</i>		1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Pink Tickseed	<i>Coreopsis rosea</i>		1' – 2'	Avg	Seldom
<input type="checkbox"/> Purple Coneflower (H)	<i>Echinacea purpurea</i>		1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Boneset (H)	<i>Eupatorium perfoliatum</i>		2' – 5'	Avg	Seldom
<input type="checkbox"/> Joe Pye Weed (H)	<i>Eutrochium spp.</i>		3' – 8'	Moist-Avg	Very Rare
<input type="checkbox"/> Blazing Star	<i>Liatris spicata</i>		2' – 4'	Avg	Seldom
<input type="checkbox"/> Turk's Cap Lily	<i>Lilium superbum</i>		4' – 7'	Moist-Avg	Occasional
<input type="checkbox"/> Cardinal Flower	<i>Lobelia cardinalis</i>		2' – 4'	Moist-Avg	Seldom
<input type="checkbox"/> Trumpet Honeysuckle (H)	<i>Lonicera sempervirens</i>		8' – 15'	Avg	Seldom
<input type="checkbox"/> Bee Balm	<i>Monarda didyma</i>		2' – 4'	Avg	Seldom
<input type="checkbox"/> Garden Phlox	<i>Phlox paniculata</i>		2' – 4'	Avg	Occasional
<input type="checkbox"/> Mountain Mint	<i>Pycnanthemum spp.</i>		1' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Cutleaf Coneflower (H)	<i>Rudbeckia laciniata</i>		3' – 10'	Avg	Seldom
<input type="checkbox"/> Brown-eyed Susan	<i>Rudbeckia triloba</i>		1' – 3'	Avg	Seldom
<input type="checkbox"/> Culver's Root	<i>Veronicastrum virginicum</i>		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	<i>Agastache scrophulariifolia</i>		3' – 6'	Avg	Very Rare
<input type="checkbox"/> White Snakeroot (H)	<i>Ageratina altissima</i>		2' – 4'	Avg-Dry	Very Rare
<input type="checkbox"/> White Turtlehead (H)	<i>Chelone glabra</i>		2' – 3'	Moist-Avg	Occasional
<input type="checkbox"/> Flat-top White Aster (H)	<i>Doellingeria umbellata</i>		3' – 6'	Moist-Avg	Seldom
<input type="checkbox"/> Big-leaf Aster (H)	<i>Eurybia macrophylla</i>		2' – 3'	Avg-Dry	Seldom
<input type="checkbox"/> Bottle Gentian	<i>Gentiana clausa</i>		1' – 3'	Avg	Seldom
<input type="checkbox"/> Sneezeweed	<i>Helenium autumnale</i>		3' – 5'	Avg	Seldom
<input type="checkbox"/> Woodland Sunflower (H)	<i>Helianthus divaricatus</i>		2' – 6'	Avg-Dry	Seldom
<input type="checkbox"/> Ox-Eye Sunflower	<i>Heliopsis helianthoides</i>		3' – 5'	Avg-Dry	Seldom
<input type="checkbox"/> Obedient Plant	<i>Physostegia virginiana</i>		3' – 4'	Avg	Seldom
<input type="checkbox"/> Black-eyed Susan (H)	<i>Rudbeckia hirta</i>		1' – 3'	Avg	Seldom
<input type="checkbox"/> Blue Sage	<i>Salvia azurea var. grandiflora</i>		3' – 4'	Avg-Dry	Seldom
<input type="checkbox"/> Goldenrods (H)	<i>Solidago spp.</i>		1' – 5'	Avg-Dry	Seldom
<input type="checkbox"/> New England Aster (H)	<i>Sympyotrichum novae-angliae</i>		3' – 6'	Avg	Seldom
<input type="checkbox"/> New York Aster (H)	<i>Sympyotrichum novi-belgii</i>		2' – 3'	Avg	Seldom
<input type="checkbox"/> New York Ironweed	<i>Vernonia noveboracensis</i>		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](mailto: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](#).*

