Meadowscaping for Biodiversity

Youth Environmental Entrepreneurship Program

Native Plant Catalog Summer 2020

Hardy Perennials for Pollinator- and Bird-Friendly Gardens

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To make it easy for you to beautify your yard and help the environment, we offer hardy, drought-tolerant natives: Flowers, Shrubs; Grasses; and Ferns. You can mix and match plants with different colors, heights, bloom time, etc., from these collections to develop your own unique ecosystems garden. See INDEX for more detailed information.

To make your garden sing, purchase three or more of the same plant and ask for them to be planted together. As they grow, they will fill out the area. For example, to make a gorgeous statement in yellow that blooms all summer into the fall, you could plant three each of Black-eyed Susan, Coreopsis, Butterfly Weed, and Goldenrod.

**LUSH MEADOW or CONTROLLED GARDEN?**

This top photo of an urban meadow on the former east lawn of Christ Church Episcopal, 750 Main Street, Waltham, was taken in September 2014 — three months after planting it. The photo below shows the meadow two years later (July 2016). Which style of ecosystems meadow would you like?

**NOTE:** Plants are sourced from the New England Wildflower Society (Garden in the Woods and Nasami Farms); Van Berkum Nurseries; Russell’s Garden Center, Weston Nurseries, and others.
MS4B and the cities and towns of Waltham, Cambridge, Belmont, and Newton are partnering again this year to offer teens the opportunity in the Youth Environmental Entrepreneurship Program (YEEP) to form an enterprising gardening service to sell, install, and maintain native plants for residents and businesses.

Why plant natives?
Pollinators are essential to the growth of 70 percent of the plants that make up the human food supply. The populations of pollinators, such as butterflies, bees, and other beneficial insects, have been crashing due to habitat loss, pesticides, and climate change.

Native plants support pollinators in peril.
The Xerces Society says that “a wildflower-rich habitat is the most significant action you can take to support pollinators.” Native plants are host plants to native insects and caterpillars and the “best source for nectar and pollen for native pollinators.”

Beautify your yard with native plants that sustain pollinators such as bees, butterflies, and other beneficial insects, and help teens develop skills that increase their prospects for academic and career success!

Why pay more?

Flowers: $15/each
Ferns: $22/each
Grasses: $22/each
 Shrubs: $35-$75/each (depends on size of plant)
Goldenrod
*Solidago rugosa*
6 - 7 ft., Full sun
September - October
Medium

Tickseed
*Coreopsis*
2 ft., July - September
Sun - Part shade, Dry

Black-Eyed Susan
*Rudbeckia hirta*
2 - 3 ft., Full sun - Sun
July - August
Medium

Blanket Flower
*Galliardia aristata*
2 - 3 ft., Full sun - Sun
July - September
Dry - Medium

Sneezeweed
*Helenium autumnale*
3 - 5 ft., Full sun
July, Medium

Bee Balm
*Raspberry Wine
Monarda didyma*
3 - 4 ft., Full sun
July - August
Medium

Culver’s Root
*Veronicastrum virginicus*
3 - 6 ft.
Full sun - Part shade
July - August
Medium - Moist soil

Lanceleaf Coreopsis
*Coreopsis lanceolata*
<1 ft.
July - September
Sun - Part shade, Dry

Joe Pye Weed
*Eutrochium maculatum*
6 ft., Full sun - Partial
Moist - Wet

Tall Phlox
*Phlox paniculata*
2 - 4 ft., Full sun - Part sun
August - September, Medium

Blue Vervain
*Verbena hastata*
6 - 7 ft., Full sun
July - September
Medium
**Scarlet Bee Balm**  
*Monarda didyma*  
“Jacob Cline”  
3 - 4 ft., Full sun  
July - August

**Purple Cone Flower**  
*Echinacea purpurea*  
2 ft., Full sun  
July - September

**New England Aster**  
*Symphyotrichum novae-angliae*  
2 - 5 ft., Full sun  
June - September

**Wild Bergamot**  
*Monarda fistulosa*  
2 - 4 ft., Full sun  
June - August, Medium

**Blue False Indigo**  
*Baptisia australis*  
3 - 5 ft.  
Full Sun - Part shade  
June, Medium

**Eastern Bluestar**  
*Amsonia tabernaemontana*  
2 - 3 ft.  
Sun - Part shade  
June, Moist or dry

**New York Ironweed**  
*Veronica novaboracensis*  
3 - 6 ft., Full sun  
August - September

**Sunflower (Mammoth)**  
*Heliopsis*  
7 - 12 ft., Full sun  
July - September

**Purple Cone Flower**  
*Echinacea purpurea*  
2 ft., Full sun  
July - September

**Lavender Hyssop**  
*Hyssop officinalis*  
1 - 3 ft.  
Full sun - Part shade  
Dry

**Northern Blue Flag**  
*Iris versicolor*  
2 - 2.5 ft., May - June  
Full Sun - Part shade  
Medium
Native Plants are sturdy perennial plants that are dependable for attracting pollinators year after year.

**Ferns**

- **Maidenhair Fern**
  *Adiantum pedatum*
  1 - 2 ft.
  Part sun - Full shade
  Moist humusy

- **Cinnamon Fern**
  *Osmundastrum cinnamomeum*
  2 - 3 ft., Shade
  Medium - wet

- **New York Fern**
  *Thelypteris noveboracensis*
  1 - 2 ft.
  Part shade - full shade
  Moist humusy

**Grasses**

- **Purple Love Grass**
  *Eragrostis spectabilis*
  1 - 2 ft., Full sun
  July - August
  Dry

- **Pennsylvania Sedge**
  *Carex pensylvanica*
  0.5 - 1 ft.
  Shade
  Medium, well-drained

**Why pay more?**

- **Flowers:** $15-$22
- **Ferns:** $22-$25
- **Grasses:** $22-$25
- **Shrubs:** $35-$75/each (depending on size of plant)

**Ferns**

- **Christmas Fern**
  *Polystichum acrostichoides*
  1 - 1.5 ft.
  Part sun - Full shade
  Well-drained, rich

- **White Wood Aster**
  *Eurybia divaricata*
  2.5 ft., Full shade
  August - September
  Dry, acidic soil
Asclepias (milkweed) are host plants for Monarch butterflies.

Monarchs can subsist on other plants, but their larvae can eat only milkweed.

**Swamp Milkweed**
*Asclepias incarnata*
3 - 4 ft., Full sun
July - September
Medium

**Common Milkweed**
*Asclepias syriaca*
2 - 4 ft.
Full sun - Part sun
June - August
Medium

**Butterfly Weed**
*Asclepias tuberosa*
1 - 3 ft., Full sun,
June - September, Dry

**Daisy Fleabane**
*Erigeron annuus*
3 ft., Full sun
May - July, Medium

**Short Phlox (white)**
*Phlox paniculata*
12 - 15 in.
Full sun - Part sun
July - September

**White Turtlehead**
*Chelone Glabra*
2 - 3 ft.
Part shade
August - October
Medium - Wet

**False Aster**
*Boltonia asteroides*
5 - 6 ft.
Full Sun - Mostly Sunny
August - October
Medium - Wet

**Beardtongue**
*Penstemon digitalis*
3 - 5 ft., Full sun
April - June

**Mountain Mint**
*Pycnanthemum muticum*
3 - 4 ft.
Full sun - part shade
Moist, well-drained

Asclepias (milkweed) are host plants for Monarch butterflies. Monarchs can subsist on other plants, but their larvae can eat only milkweed.
**SHRUBS -- Shade --- Part Shade**

**Winterberry Holly**  
*Ilex verticillata*  
3 - 12 ft., Full sun - Part shade, June - July  
Medium - wet soil  
Need male & female

**Wild Ginger**  
*Asarum canadense*  
<1 ft.  
Part shade - Full shade  
April - May  
Medium wet

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Lowbush Blueberry**  
*Vaccinium angustifolium*  
(native blueberry)  
1 - 1.5 ft.  
Shade - Part shade  
Summer  
Wet, well-drained soil

**Canada anemone**  
*Anemone canadensis*  
1-2 ft.  
Full-Part Shade  
April-June  
Medium - Wet

**Solomon’s Plume**  
*Maianthemum racemosum*  
2 ft., Full-shade - Part Shade, April - June  
Medium - Wet

**Goat’s Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.**

**Hepatica**  
*Hepatica acutiloba*  
0.5 - 1 ft.  
Full-Sun - Part Shade  
Late winter-early Spring, Moist

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Solomon Seal**  
*Polygonatum biflorum*  
4 ft., Full Sun - Full Shade  
May-June, Medium

**Goat's Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**Winterberry Holly**  
*Ilex verticillata*  
3 - 12 ft., Full sun - Part shade, June - July  
Medium - wet soil  
Need male & female

**Wild Ginger**  
*Asarum canadense*  
<1 ft.  
Part shade - Full shade  
April - May  
Medium wet

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Lowbush Blueberry**  
*Vaccinium angustifolium*  
(native blueberry)  
1 - 1.5 ft.  
Shade - Part shade  
Summer  
Wet, well-drained soil

**Canada anemone**  
*Anemone canadensis*  
1-2 ft.  
Full-Part Shade  
April-June  
Medium - Wet

**Solomon’s Plume**  
*Maianthemum racemosum*  
2 ft., Full-shade - Part Shade, April - June  
Medium - Wet

**Goat’s Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.**

**Hepatica**  
*Hepatica acutiloba*  
0.5 - 1 ft.  
Full-Sun - Part Shade  
Late winter-early Spring, Moist

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Solomon Seal**  
*Polygonatum biflorum*  
4 ft., Full Sun - Full Shade  
May-June, Medium

**Goat's Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**Winterberry Holly**  
*Ilex verticillata*  
3 - 12 ft., Full sun - Part shade, June - July  
Medium - wet soil  
Need male & female

**Wild Ginger**  
*Asarum canadense*  
<1 ft.  
Part shade - Full shade  
April - May  
Medium wet

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Lowbush Blueberry**  
*Vaccinium angustifolium*  
(native blueberry)  
1 - 1.5 ft.  
Shade - Part shade  
Summer  
Wet, well-drained soil

**Canada anemone**  
*Anemone canadensis*  
1-2 ft.  
Full-Part Shade  
April-June  
Medium - Wet

**Solomon’s Plume**  
*Maianthemum racemosum*  
2 ft., Full-shade - Part Shade, April - June  
Medium - Wet

**Goat’s Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.**

**Hepatica**  
*Hepatica acutiloba*  
0.5 - 1 ft.  
Full-Sun - Part Shade  
Late winter-early Spring, Moist

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Solomon Seal**  
*Polygonatum biflorum*  
4 ft., Full Sun - Full Shade  
May-June, Medium

**Goat's Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**Winterberry Holly**  
*Ilex verticillata*  
3 - 12 ft., Full sun - Part shade, June - July  
Medium - wet soil  
Need male & female

**Wild Ginger**  
*Asarum canadense*  
<1 ft.  
Part shade - Full shade  
April - May  
Medium wet

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Lowbush Blueberry**  
*Vaccinium angustifolium*  
(native blueberry)  
1 - 1.5 ft.  
Shade - Part shade  
Summer  
Wet, well-drained soil

**Canada anemone**  
*Anemone canadensis*  
1-2 ft.  
Full-Part Shade  
April-June  
Medium - Wet

**Solomon’s Plume**  
*Maianthemum racemosum*  
2 ft., Full-shade - Part Shade, April - June  
Medium - Wet

**Goat’s Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.**

**Hepatica**  
*Hepatica acutiloba*  
0.5 - 1 ft.  
Full-Sun - Part Shade  
Late winter-early Spring, Moist

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Solomon Seal**  
*Polygonatum biflorum*  
4 ft., Full Sun - Full Shade  
May-June, Medium

**Goat's Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**Winterberry Holly**  
*Ilex verticillata*  
3 - 12 ft., Full sun - Part shade, June - July  
Medium - wet soil  
Need male & female

**Wild Ginger**  
*Asarum canadense*  
<1 ft.  
Part shade - Full shade  
April - May  
Medium wet

**Wild Geranium (Cranesbill)**  
*Geranium maculatum*  
14 - 18 in.  
Sun - Part shade  
April - May

**Lowbush Blueberry**  
*Vaccinium angustifolium*  
(native blueberry)  
1 - 1.5 ft.  
Shade - Part shade  
Summer  
Wet, well-drained soil

**Canada anemone**  
*Anemone canadensis*  
1-2 ft.  
Full-Part Shade  
April-June  
Medium - Wet

**Solomon’s Plume**  
*Maianthemum racemosum*  
2 ft., Full-shade - Part Shade, April - June  
Medium - Wet

**Goat’s Beard**  
*Aruncus dioicus*  
3-4 ft. mound  
Part shade  
May-June  
Moist rich soil

**High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.**

**Hepatica**  
*Hepatica acutiloba*  
0.5 - 1 ft.  
Full-Sun - Part Shade  
Late winter-early Spring, Moist
**Bayberry**
*Morella pensylvanica*
- 6 - 10 ft.
- Full sun - Part shade
- May, Low soil fertility
- Dry - medium

**Common Ninebark**
*Physocarpus opulifolius*
- 5 - 10 ft.
- Full sun - Part shade
- May - June
- Dry - medium - moist
- Loam-clay

**American Black Elderberry**
*Sambucus nigra ssp. canadensis*
- 10 - 15 ft., Part shade
- Summer
- Moist, rich

**Sweet Pepperbush**
*Clethra alnifolia*
- 3 - 8 ft.
- Full sun - Part shade
- July - August
- Medium - Wet

**Sweet Fern Shrub**
*Comptonia peregrina*
- 2 - 5 ft., April-June
- Sun - Part Shade
- Sand, Loam
- Dry, Medium, Moist

**Mountain Laurel**
*Kalmia latifolia*
- 5 - 15 ft., Part Shade
- May
- Cool, rich soils
- Medium

**Staghorn Sumac**
*Rhus typhina*
- 10 - 25 ft.
- Sun - Part shade
- Spring, Fall Drupes
- Widely adaptable

**Spicebush**
*Lindera benzoin*
- 6 - 12 ft.
- Full sun - part shade
- March
- Medium

**White Snowberry**
*Symphoricarpos albus*
- 3 - 5 ft.
- Full - Part Sun
- June - July
- Sand, Loam, Clay
- Dry, Medium, Moist

**Oakleaf Hydrangea**
*Hydrangea arborescens*
- 4-6 ft.
- Sun-Part Shade
- June - July,
- Cool, rich soils
- Medium

**Foamflower**
*Tiarella cordifolia*
- 6 - 12 in.
- Part sun - Part Shade
- May-July, fall
- Cool, moist

**American Black Elderberry**
*Sambucus nigra ssp. canadensis*
- 10 - 15 ft., Part shade
- Summer
- Moist, rich
Aster
   Purple dome
   Tall aster
Boltonia
   False Aster
Butterfly weed
Coreopsis, lanceleaf
Daisy fleabane
False Aster
   Boltonia
Ferns
   Christmas
   Cinnamon
   New York
Gallardia
Goldenrod
Mountain mint
New York Ironweed
Phlox
   Medium, white
   Tall, pink
Servicem
Staghorn Sumac
Turtlehead, white
Vervain
White wood aster
Wild Geranium
Wild Ginger