Meadowscaping for Biodiversity

Youth Environmental Entrepreneurship Program

Native Plant Catalog Summer 2020

Hardy, Drought-Tolerant Perennials for Pollinator-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/each
- Wetlands Plug Kit: $175
- Dry Plug Kit: $175
Lanceleaf Coreopsis
Coreopsis lanceolata
<1 ft.
July - September
Sun - Part shade
Dry

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

Goldenrod
Solidago rugosa
6 - 7 ft., Full sun
September - October
Medium

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

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

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

Black-Eyed Susan
Rudbeckia hirta
2 - 3 ft., Full 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

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

**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* (Annual)  
7 - 12 ft., Full sun  
July - September  
Medium

**New England Aster**  
*Symphyotrichum novae-angliae*  
3 - 5 ft., Full sun  
October - November  
Medium

**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

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

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

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

**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

- **White Wood Aster**
  - *Eurybia divaricata*
  - 2.5 ft., Full shade
  - August - September
  - Dry, acidic soil

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**Notes:**

- **Maidenhair Fern** is **23**.
- **Purple Love Grass** is **24**.
- **Pennsylvania Sedge** is **28**.
Asclepias (milkweed) are host plants for Monarch butterflies.

Monarchs can subsist on other plants, but their larvae can eat only milkweed.
High Bush Blueberry shrubs need a male and female to reproduce. Expect berries in the summer of 3rd year.
**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 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

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

**Buttonbush**
*Cephalanthus occidentalis*
- 6 - 12 ft.
- Part shade - Shade
- June - September
- Moist - Wet soil

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

**Oakleaf Hydrangea**
*Hydrangea quercifolia*
- 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

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

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

**Serviceberry**
*Amelanchier canadensis*
- Full sun - shade
- May-June, July - frost
- Moist, well-drained