



Section 11

POLLINATOR PANTRY



Key Ideas:



Use the Pollinator Pantry to find plants that benefit local pollinators. In this resource you will find:

Plant Lists for Regional Pollinators

- Top plants for foraging
- Larval host plants for moths
- Larval host plants for butterflies
- Plant lists for specific “mascot” pollinators
- Local ecological plant communities

A Comprehensive Plant Database

- A list of 380 plant species to use in your habitat design.
- This list is specific to the pollinators found in this region.

Recipe Cards - Pre-Planned Garden Designs

- Sun/shade options
- Range of sizes
- Designed to benefit pollinators
- Include plants that will thrive in urban conditions
- Composed plant lists and layouts for a beautiful garden



Pollinator Pantry

This section provides a toolbox of planting intervention resources that anyone can use to make changes in the landscape to support pollinators. It includes:

Plant Lists

Top Plants for Foraging Habitat

These are the top Somerville-specific trees, shrubs, and perennials that can be used to bring pollinators to your landscape. Data collected in Somerville found these native plants to have the most documented pollinator interactions. Swap out your existing plants with plants on these lists that will better support pollinators. Using native plants can help reduce maintenance costs and time for gardeners as well since they are well-adapted to urban conditions. A win-win for gardeners and pollinators.

Larval Host Plants

These lists include the recommended native host plants for butterflies and moths observed in this region. Including these plants in your habitat is highly recommended to provide the foundation for supporting Lepidoptera (butterflies and moths). Refer to the SPAP Comprehensive Plant List for regional keystone species (scroll to the “Keystone Genera” column and select “X” to see only keystone species).

Plant Lists by Pollinator - Mascot & At-Risk Species

The Plan has identified six mascot pollinator insect species in a “Meet Your (Insect) Neighbors” campaign. The Pollinator Pantry provides specific plant lists to best support each of these pollinating insects. The insect species chosen are vibrantly colored, docile, and easy to identify. This means that everyone can be a citizen scientist and discover how many monarchs, bumble bees, great black digger wasps, flower flies, and long-horned beetles visit their gardens. The data that residents collect can illustrate progress towards supporting pollinators in the future.

Native plants and pollinators have evolved together. This symbiotic relationship has ensured that pollinators can find and access necessary host plants, pollen, and nectar resources (if native plants are available). These plants in turn benefit from pollination. Providing the specific native plants needed by specialist pollinators is essential for maintaining these vital plant-animal interactions. This section incorporates these particular native plants, with blooms throughout multiple seasons, as well as host plants that provide food and shelter for larvae. Each of these plant lists supports the Plan’s mascot species and five to six additional ‘pollinator partner’ insects that will also benefit from these plantings.



The data from this study shows that *Asclepias* are an important larval host and floral resource for pollinators. Swamp milkweed (*Asclepias syriaca*) shown.



Goldenrod (*Solidago*) was consistently at the top of the list for most-visited flowers in the Somerville data. Refer to the Comprehensive Plant List for recommended species native to the northeast.

Plant Lists by Plant Type

Additional plants by plant type are included as a quick start guide for anyone interested in adding annuals, spring ephemerals or vines to their garden.

Annuals

Annuals are commonly used for a pop of color in the landscape, but many of the popular and widely available plants do not provide rich resources for pollinators. Whenever possible, select from the list of native annuals ideal for seeding into the landscape. In areas where traditional annuals are regularly used, consider swapping in plants from the non-native list that offer more benefits to pollinators than other common non-native species. Alternatively, as site conditions and budget allow, consider using native perennials as they will provide pollinator benefit year after year.

Spring Ephemerals

Add spring ephemerals (plants that emerge briefly in the spring and then recede) to the garden to provide important early-season resources for pollinators. This list of native ephemeral species can also be supplemented by early-blooming trees and shrubs to provide additional benefit for hungry pollinators emerging in the spring. Layer with late-blooming species for year-round flowers.

Vines

Native vines provide valuable resources for pollinators and should be selected over non-native vines. The species on this list can create screening along a fence, form a whimsical arbor, or serve as groundcover. Before selecting a vine, double-check site constraints to ensure you have chosen the right plant for your space, as many vines can become large and sprawling over time.

Local Ecological Plant Communities

Using locally observed natural plant communities as a guide, these lists provide a starting point for anyone interested in building habitat based on known existing plant communities. These plants have co-evolved and are often found growing together in natural areas in and around Somerville. The lists are not rooted in pollinator observations found in the SPAP data section. Instead, they provide a foundation of native plants to support a broad range of ecosystem services that knit together. This grouping can be replicated across Somerville to create a citywide networked ecosystem.

Fells in the City

Interested in using a nearby native plant community as your guide? These lists are common plant communities found in the Middlesex Fells and can be a great jumping off point for developing your own ecological garden. Make sure to follow the best practices outlined in the report and reference the Comprehensive Plant List for site suitability when selecting for your specific garden location.

Somerville Rewind

What natural plant community might have been here if Somerville hadn't been developed? Local remnants of undisturbed natural plant communities can act as a guide for how to "rewild" Somerville and provide habitat for wildlife, including pollinators. Use this list of plants (with the majority under three feet tall) as a base matrix of local plants to provide broad ecosystem support in the city. This baseline species mix can be used to create unmown native grass areas that are easily adaptable in Somerville and repeat throughout the city. Additional flowering plants can be added to this list to enhance pollen, nectar, and host plant resources.

Comprehensive Plant List

For experienced gardeners and landscape designers who would like to develop their own designs, a comprehensive list of all the plant species found supporting native pollinators in Somerville is provided. A searchable Excel database of the plants includes aesthetic characteristics and preferred growing conditions and specifically identifies which pollinators each plant supports.

Choosing plants known to thrive-in and support the local ecosystem is crucial to creating successful pollinator gardens that maximize aesthetics, biodiversity, and support critical species. The Comprehensive Plant List, which predominantly features east coast native plants suited to local pollinators, is an excellent resource for developing a planting plan with species that have documented benefits and interactions with native pollinators. Developed with local scientists and horticulturalists, this plant list can be navigated based on growing conditions and personal preference. The variety of options ensures that all Somerville residents can contribute to the city's ecosystem according to their design preferences and site needs.

To download the Comprehensive Plant List visit the [SPAP SomerVoice](#) page.

Pollinator Planting Recipe Cards

The following recipe cards include 32 pre-planned designs for native plant gardens that can be installed to support pollinators. These gardens start small with “Pollinator Pots” (for patios and porches) and move up to larger installations (including trees and shrubs) for entire backyard conversions. They are arranged by color, solar exposure (amount of sun), soil condition (dry or wet), and consider what plants will grow well together as a well-knit plant community in Somerville’s specific urban conditions. Plant choices take into account a range of challenges including rabbits, salt, poor soil quality, compaction, etc. Recommendations for converting lawns to better support pollinators are also provided, using both seed and live plants.

The recipe cards were created using the following methodology:

- The top plants for foraging habitat include native flowering trees, shrubs, and perennials with the greatest number of known pollinator interactions identified by the SPAP data analysis.
- Plants with similar flower and foliage colors were grouped together, and then separated into cards where plants thrive in the same cultivation conditions. For example, yellow plants that prefer sunny dry conditions were grouped together, white plants that prefer shady moist conditions were grouped together. Straight species of these plants were prioritized.
- A matrix of supporting larvae host plants was then added to each of the cards.
- At least one cool season graminoid (grassy species) and one warm season graminoid were added to each card.
- Additional layers of flowering native plants were then added to ensure that something is always blooming in the garden from early spring, through summer, and into the fall. Native straight species plants were prioritized.
- Aesthetics were then considered to ensure the gardens look attractive in all seasons. Height and flower color were carefully

thought out. To achieve a balanced aesthetic, some of the straight species were switched to cultivars to create a more-carefully curated aesthetic. Where cultivars were used, [Mount Cuba’s research on plant trials of various native cultivars](#) was referenced and cultivars with pollinator benefit were selected when the data was available. Cultivars are denoted with a symbol. All gardeners are welcome to select a straight species instead and the resulting aesthetic will be slightly more naturalistic in appearance or consist of taller plantings.

A well-thought-out and planned garden helps to achieve a beautiful balance of colors, textures, heights, and aesthetics, which can lead to greater community acceptance. Even shadier spots can become vibrant when the right plants are selected. Detailed plans for various conditions, from a street median to a fence line to a foundation planting, are provided.

Each recipe card design is divided into the following categories:

- **Structure** plants create the tall, vertical backbone for each planting design. This category often includes tall, native warm-season grass.
- **Seasonal Theme** plants are the mid-layer of each planting and focus on providing floral resources throughout the entire year.
- **Groundcover** plants are lower and positioned around the edges to create a neat border.
- **Grass Matrix** species often include a cool-season graminoid are also identified to be placed between the other plants to knit the plant community together and suppress weeds.

This approach was developed with horticulturalists, designers, and scientists to ensure that plants work together in an ecological plant community that also considers the aesthetics of the garden. These ‘novel’ plant communities (West & Rainer, 2015) are constructed with native plants that thrive in similar conditions but may not necessarily be found together in wild plant communities. The plants, however,

are carefully selected to create a tight knit plant community that can withstand urban conditions, support pollinators, and provide a range of aesthetic experiences from more traditionally arranged gardens (ex: “Cloud Garden”) to naturalistic thickets (ex: “Pioneer Plants”). The recipe cards include plants with a continuous bloom cycle—so that something is always flowering throughout the growing season—and larvae host plants for moths and butterflies. This approach maintains visual interest and supports local pollinators by providing them with both diverse and expanded food sources for the adults and larvae.

In each design, some bare ground should be left to allow for nesting sites for native ground nesting bees. It is recommended that 5-10% of the area of each garden be left as bare ground and can be left around the edges of the planting or in the middle, depending on aesthetic preference.



Provide keystone plant species, like swamp white oak (*Quercus bicolor*) like the one seen above in Lincoln Park, to support many species of pollinators with one plant. Add a soft landing below to further support the insect species using the tree.

1

Pollinator Pantry Plant Lists



Top Plants for Foraging Habitat

Larval Host Plants

Moths
Butterflies

Plant List by Pollinator - Mascots & At Risk Species

Plant List by Plant Type

Annual Plants
Ephemeral Plants
Vines

Local Ecological Plant Communities

Fells in the City: Seeps/ Ravines + Woodlands
Fells in the City: Pond Edges
Fells in the City: Rock Outcrops (Dry/Sunny)
Fells in the City: Ferns of the Fells
Somerville Rewind

Comprehensive Plant List

To download the Comprehensive Plant list visit the SPAP SomerVoice page

Top Plants for Foraging Habitat

TREES	<i>Cornus spp.</i> dogwood  1	<i>Prunus spp.</i> cherry, plum, etc  2	<i>Salix spp.</i> willow  3	<i>Ilex opaca</i> American holly  4	<i>Crataegus spp.</i> hawthorn  5
	<i>Amelanchier spp.</i> serviceberry/shad  6	<i>Acer spp.</i> maple  7	<i>Cercis canadensis</i> eastern redbud  8	<i>Liriodendron tulipifera</i> tulip tree  9	<i>Quercus spp.</i> oak  10
SHRUBS	<i>Spirea alba</i> meadowsweet  1	<i>Rubus spp.</i> raspberry  2	<i>Rhus spp.</i> sumac  3	<i>Cornus spp.</i> dogwood  4	<i>Prunus spp.</i> plum  5
	<i>Salix spp.</i> willow  6	<i>Ceanothus americanus</i> New Jersey tea  7	<i>Viburnum spp.</i> viburnum  8	<i>Clethra alnifolia</i> sweet pepperbush  9	<i>Cephalanthus occidentalis</i> buttonbush  10
PERENNIALS	<i>Solidago spp.</i> goldenrod  1	<i>Asclepias spp.</i> milkweed  2	<i>Symphoricarpos spp.</i> aster  3	<i>Pycnanthemum spp.</i> mountain mint  4	<i>Eupatorium perfoliatum</i> boneset  5
	<i>Rudbeckia spp.</i> black-eyed Susan  6	<i>Monarda spp.</i> beebalm  7	<i>Echinacea spp.</i> coneflower  8	<i>Achillea spp.</i> yarrow  9	<i>Eutrochium spp.</i> joe pye weed  10



Select native plant species from these plant genera to support local moths:

Host Plant Genus	Total # of Species Using Host Plant	Proportion of Species Using Host Plant
Abies	2	0.02
Acer	18	0.14
Achillea	1	0.01
Ageratina	1	0.01
Alnus	5	0.04
Amelanchier	2	0.02
Ampelopsis	1	0.01
Amsonia	1	0.01
Apocynum	1	0.01
Aronia	3	0.02
Azalea	1	0.01
Betula	12	0.10
Carpinus	2	0.02
Carya	10	0.08
Castanea	6	0.05
Ceanothus	1	0.01
Celtis	1	0.01
Cephalanthus	1	0.01
Cercis	3	0.02
Chaemaerion	1	0.01
Chionanthus	1	0.01
Chrysanthemum	1	0.01
Cirsium	3	0.02
Cornus	1	0.01
Corylus	2	0.02
Crataegus	9	0.07
Cucurbita	1	0.01
Diervilla	1	0.01
Erigeron	3	0.02

Host Plant Genus	Total Number of Species Using Host Plant	Proportion of Species Using Host Plant
Eupatorium	3	0.02
Eutrochium	1	0.01
Fagus	6	0.05
Fragaria	1	0.01
Fraxinus	11	0.09
Gallium	4	0.03
grasses	4	0.03
Helenium	1	0.01
Helianthus	4	0.03
Heterotheca	1	0.01
Hydrangea	1	0.01
Hypericum	4	0.03
Ilex	2	0.02
Impatiens	1	0.01
Iris	1	0.01
Juglans	6	0.05
Larix	1	0.01
Liatris	1	0.01
Limonium	1	0.01
Lonicera	2	0.02
Malus	15	0.12
Monarda	3	0.02
Nyssa	1	0.01
Oenothera	3	0.02
Ostrya	1	0.01
Parthenocissus	8	0.06
Physalis	1	0.01
Physocarpus	1	0.01
Phytolacca	1	0.01

Keystone Species (Keystone Species Sources: NWF, Garden for Wildlife, Grow Native Massachusetts, Homegrown National Park Container Gardening Keystone Plant, Homegrown National Park Trees and Shrubs List)

Host Plant Genus	Total Number of Species Using Host Plant	Proportion of Species Using Host Plant
Picea	1	0.01
Pinus	3	0.02
Platanus	2	0.02
Polygonum	2	0.02
Polygonum	1	0.01
Populus	4	0.03
Prunus	21	0.17
Quercus	27	0.22
Rhododendron	1	0.01
Ribes	1	0.01
Rosa	5	0.04
Rubus	6	0.05
Rudbeckia	2	0.02
Rumex	6	0.05
Salix	19	0.15
Solidago	10	0.08
Sorbus	1	0.01
Spiraea	2	0.02
Stellaria	3	0.02
Symphoricarpos	1	0.01
Symphotrichum	10	0.08
Tilia	8	0.06
Tsuga	1	0.01
Ulmus	9	0.07
Urtica	1	0.01
Vaccinium	13	0.10
Verbena	1	0.01
Viburnum	7	0.06
Viola	1	0.01
Vitis	7	0.06

(Species Sources: Host and Nectar Plants from The Alabama Butterfly Atlas, Butterflies of Massachusetts from The Massachusetts Butterfly Club, David Wagner's Caterpillars of Eastern North America. More information can be found in the resource section of the Comprehensive Plant List.)



Select native plant species from these plant genera to support local butterflies:

Host Plant Genus	Total # of Species Using Host Plant	Proportion of Species Using Host Plant
Agrostis	1	0.02
Alnus	1	0.02
Amaranthus	1	0.02
Amelanchier	1	0.02
Amphicarpa	1	0.02
Amphicarpaea	1	0.02
Anaphalis	1	0.02
Andropogon	1	0.02
Antennaria	1	0.02
Apios	2	0.03
Asclepias	1	0.02
Baptisia	3	0.05
Betula	2	0.03
Boehmeria	1	0.02
Carex	3	0.05
Carpinus	2	0.03
Carya	1	0.02
Ceanothus	1	0.02
Celtis	2	0.03
Cercis	1	0.02
Cirsium	1	0.02
Cornus	1	0.02
Danthonia	1	0.02
Desmodium	1	0.02
Desmodium	1	0.02
Eragrostis	1	0.02
Eurybia	2	0.03
Fagus	1	0.02
Festuca	1	0.02
Fraxinus	1	0.02
Ilex	1	0.02

Keystone Species (Keystone Species Sources: NWF, Garden for Wildlife, Grow Native Massachusetts, Homegrown National Park Container Gardening Keystone Plant, Homegrown National Park Trees and Shrubs List)

Host Plant Genus	Total # of Species Using Host Plant	Proportion of Species Using Host Plant
Juniperus	1	0.02
Leersia	2	0.03
Liatris	1	0.02
Lindera	1	0.02
Liriodendron	1	0.02
Ostrya	2	0.03
Panicum	6	0.10
Pinus	1	0.02
Poa	2	0.03
Populus	2	0.03
Prunus	3	0.05
Pseudognaphalium	1	0.02
Quercus	5	0.09
Rhus	1	0.02
Ribes	1	0.02
Ruta	1	0.02
Salix	4	0.07
Sassafras	1	0.02
Schizachyrium	6	0.10
Spiraea	1	0.02
Symphotrichum	2	0.03
Tridens	4	0.07
Ulmus	3	0.05
Vaccinium	1	0.02
Verbena	1	0.02
Vernonia	1	0.02
Veronica	1	0.02
Viola	2	0.03
Zanthoxylum	1	0.02
Zizaniopsis	1	0.02
Zizia	1	0.02

(Species Sources: Host and Nectar Plants from The Alabama Butterfly Atlas, Butterflies of Massachusetts from The Massachusetts Butterfly Club, David Wagner's Caterpillars of Eastern North America. More information can be found in the resource section of the Comprehensive Plant List.)



Photo Source: Blythe Nilson, iNaturalist



Bicolored striped-sweat bee
(*Agapostemon virescens*)



Photo Source: Ramona Molnar, iNaturalist



Monarch butterfly
(*Danaus plexippus*)



Photo Source: Blythe Nilson, iNaturalist



Two-spotted bumble bee
(*Bombus bimaculatus*)



Photo Source: Molanic, iNaturalist



Transverse-banded flower fly
(*Eristalis transversa*)



Photo Source: Claire O'Neill, iNaturalist



Great black digger wasp
(*Sphex pensylvanicus*)









Photo Source: Nick Dorian



Banded longhorn beetle
(*Typocerus velutinus*)

Plant List by Pollinator Mascot Species Gardens

Mascot	Pollinator Insect Partners	
 MONARCH GARDEN	- narrow-headed marsh fly - American lady - brown-belted bumble bee	- clouded sulphur* - red milkweed beetle - Eastern carpenter bee
 BICOLORED SWEAT BEE GARDEN	- oblique streaktail - Zaulon skipper - banded longhorn beetle	- cloudy-winged mining bee* - hump-backed beewolf - ligated furrow bee
 TWO-SPOTTED BUMBLE BEE GARDEN	- Eastern tiger swallowtail - Northern paper wasp - black-shouldered drone fly	- golden Northern bumblee* - hawthorn mining bee
 GREAT BLACK DIGGER WASP GARDEN	- two-spotted longhorn bee - wedge-shaped beetle - gray hairstreak	- common wood-nymph* - four-banded stink bug wasp - golden digger wasp
 TRANSVERSE-BANDED FLOWER FLY GARDEN	- aster mining bee - fraternal potter wasp - pearl crescent	- Drury's longhorn bee* - yellow-collared scape moth - Eastern hornet fly
 BANDED LONGHORN BEETLE GARDEN	- silky striped sweat bee - four-toothed mason wasp - flower longhorn beetle	- silver-spotted skipper* - hummingbird clearwing

*species is at-risk pollinator

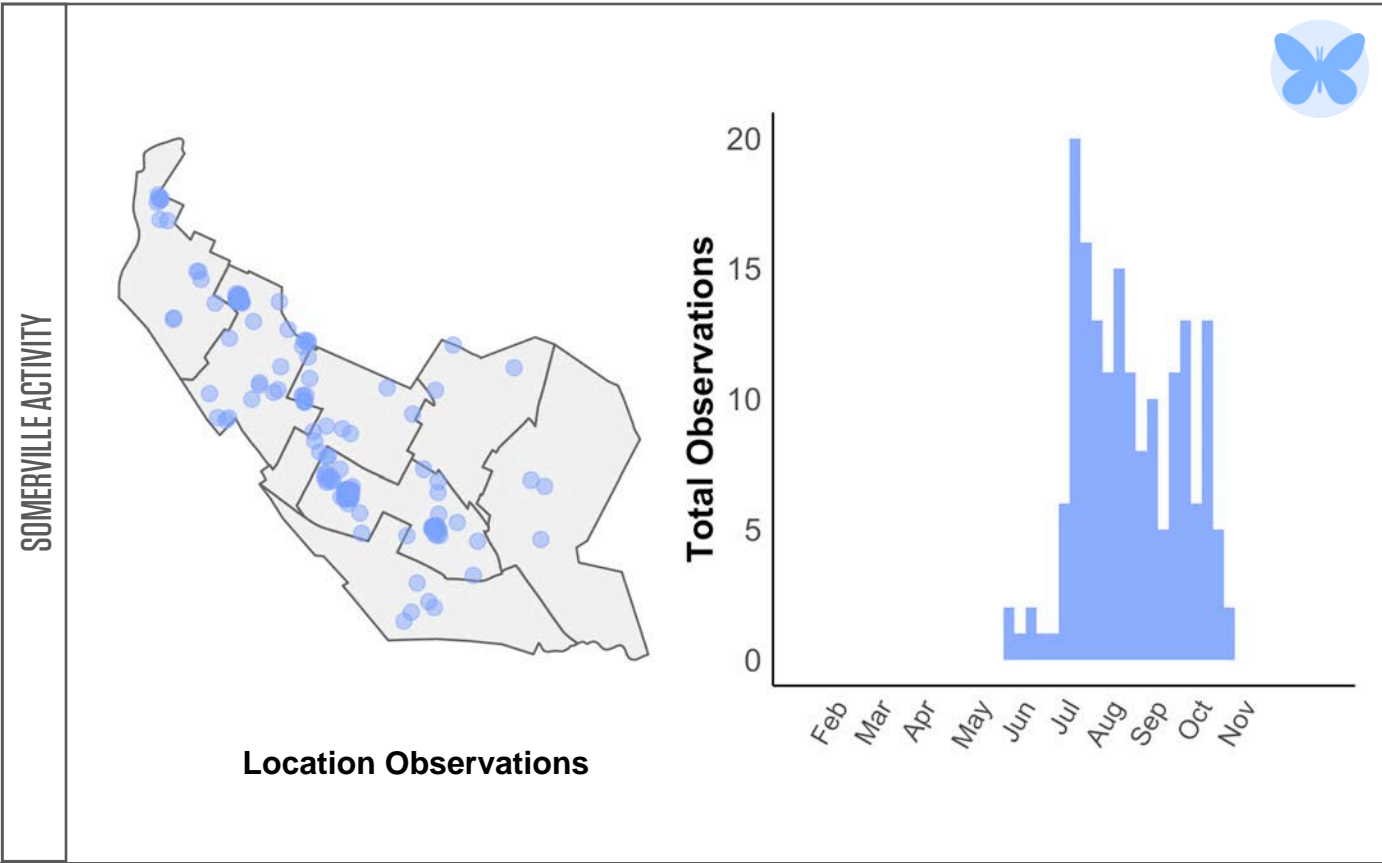
Six plant lists are provided on the following pages that meet the specific habitat requirements of the six selected 'mascot species' for Somerville. These plant lists also support five to six additional 'pollinator partner' species including at least one at-risk species. Citizen scientists can be trained in identification of these pollinator neighbors in the Somerville Community.



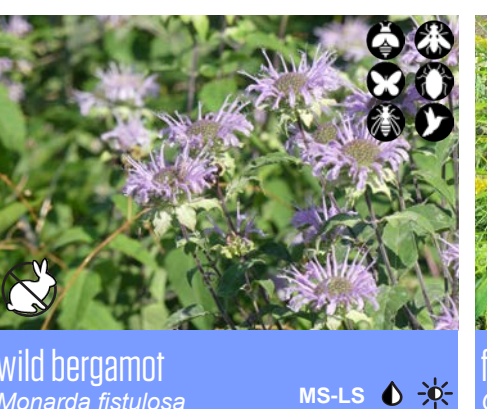
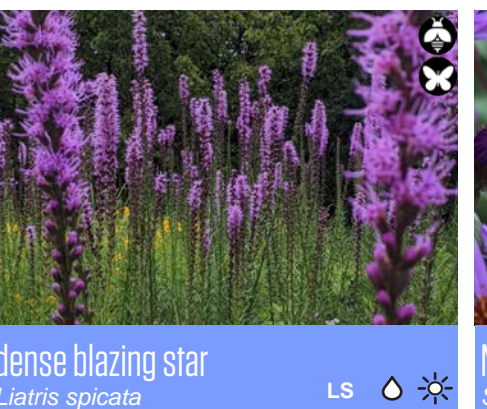
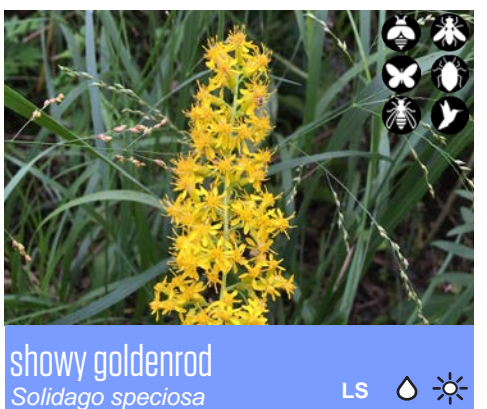
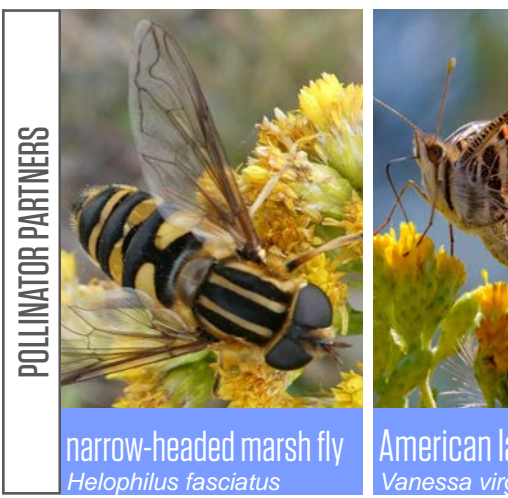
HABITAT REQUIREMENTS

Common (7/7 Wards)

- **Flight period:** late Jun – Oct
- **Food:** nectar, larvae feed exclusively on Asclepias leaves
- **Nesting:** lay eggs in Asclepias species



To learn more about this Somerville Pollinator Species, catch Meet Your Neighbors by Dr. Nicholas Dorian here:



Seasonality

SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY

Pollinator 🐝 🐛 🦋 🐌 🐜 🐝

Rabbit Tolerant 🐰

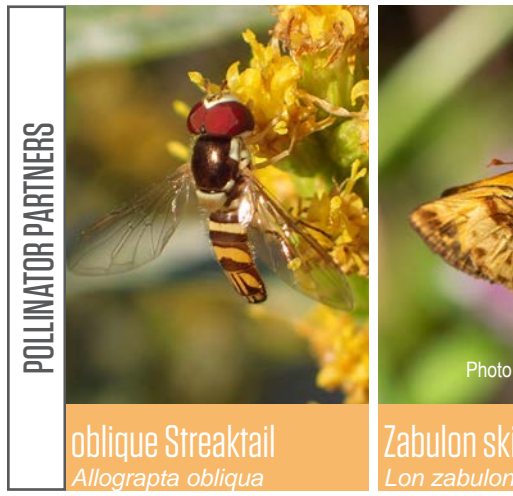
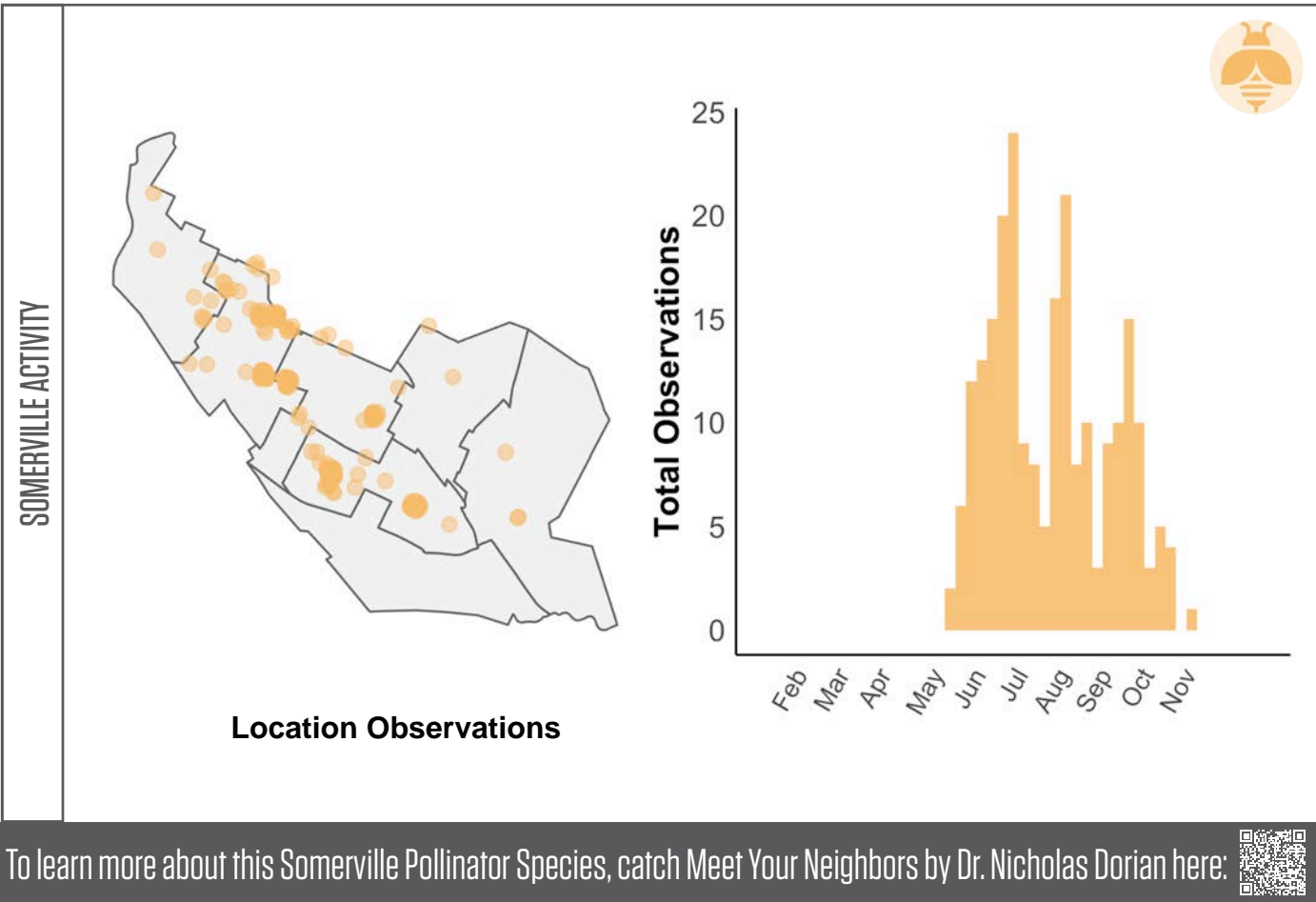


MASCOT SPECIES

bicolor striped-sweat bee
Agapostemon virescens

HABITAT REQUIREMENTS

- **Common (6/7 Wards)**
- **Flight period:** mid-May - July & late Aug - Sept
- **Food:** nectar and pollen from shallower flowers
- **Nesting:** ground and soil, within gardnes



POLLINATOR PARTNERS

oblique streaktail
Allograpta obliqua



Zabulon skipper
Lon zabulon



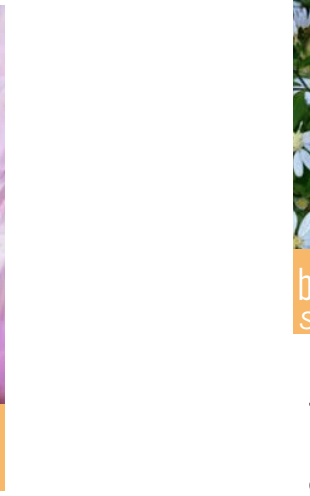
banded longhorn beetle
Typocerus velutinus



cloudy-winged mining bee
Andrena nubecula



hump-backed beewolf
Philanthus gibbosus



ligated furrow bee
Halictus ligatus

AT RISK SPECIES



purple coneflower
Echinacea purpurea MS ☀️



lance-leaved coreopsis
Coreopsis lanceolata SP-MS 🌧️ ☀️



joe-pye weed
Eutrochium fistulosum MS-LS 🌧️ ☀️



false sunflower
Heliopsis helianthoides LS 🌧️ ☀️



common sneezeweed
Helenium autumnale MS-F 🌧️ ☀️



New England aster
Symphotrichum novae-angliae F 🌧️ ☀️



purple lovegrass
Eragrostis spectabilis LS-F 🌧️ ☀️



goldenrod
Solidago spp. F 🌧️ ☀️



blue wood aster
Symphotrichum cordifolium LS 🌧️ ☀️



dense blazing star
Liatris spicata LS 🌧️ ☀️



clustered mountain mint
Pycnanthemum muticum ES-LS 🌧️ ☀️



little bluestem
Schizachyrium scoparium LS-F 🌧️ ☀️

Seasonality SP SPRING ES EARLY SUMMER MS MID SUMMER LS LATE SUMMER F FALL AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY

Pollinator 🐝 🐝 🐝 🐝 🐝 🐝

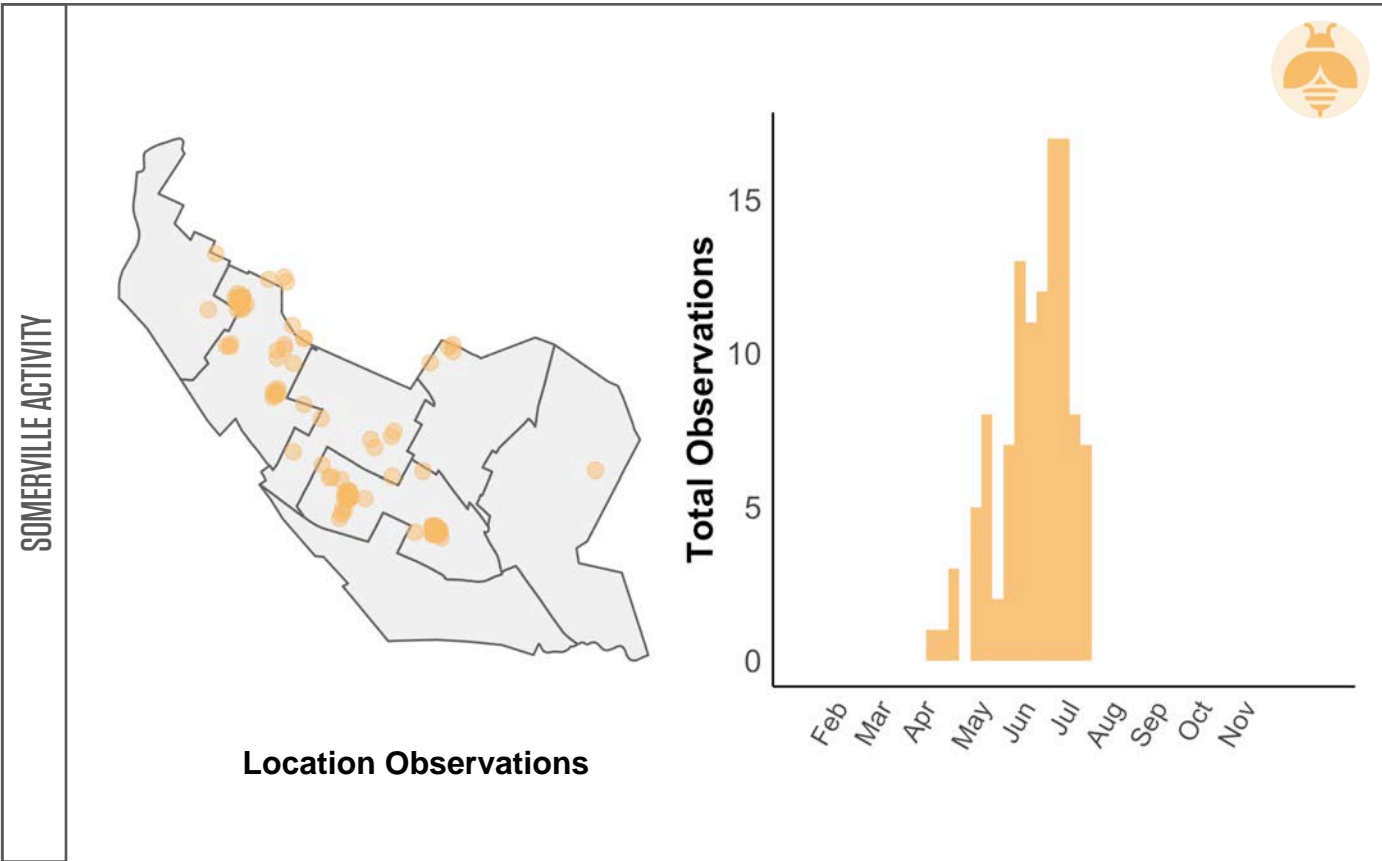
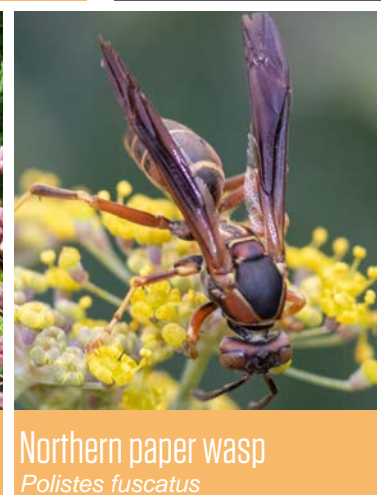
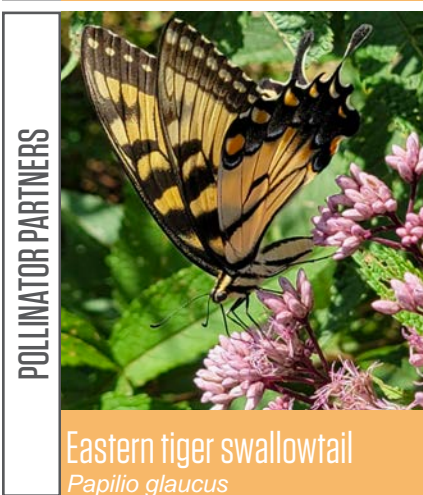
Rabbit Tolerant 🐰



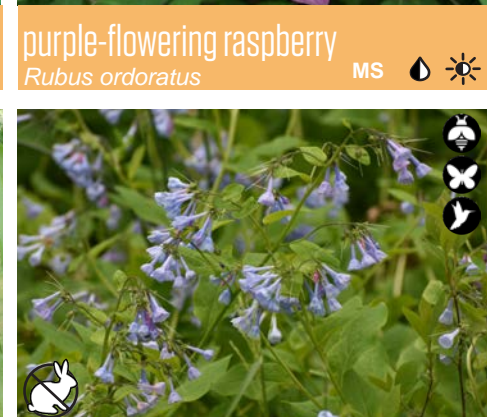
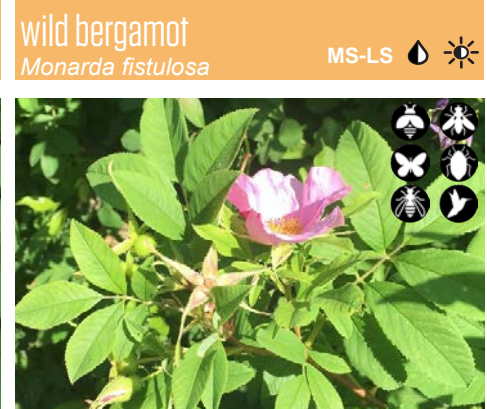
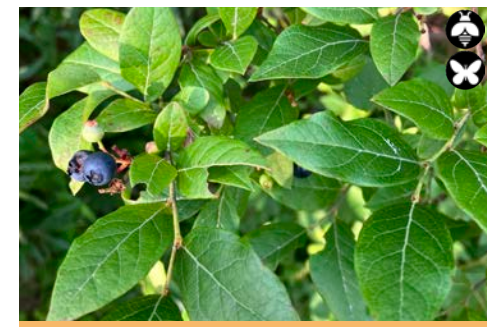
HABITAT REQUIREMENTS

Common (6/7 Wards)

- **Flight period:** Early season, March-June
- **Food:** nectar and pollen
- **Nesting:** pre-existing cavities, bunch grasses



To learn more about this Somerville Pollinator Species, catch Meet Your Neighbors by Dr. Nicholas Dorian here:



Seasonality SP SPRING ES EARLY SUMMER MS MID SUMMER LS LATE SUMMER F FALL AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator

Rabbit Tolerant

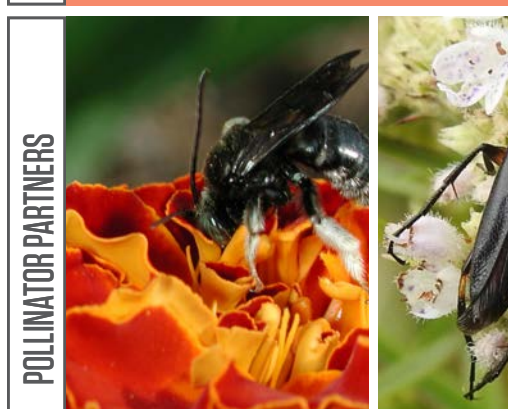


Photo Source: Claire O'Neill, iNaturalist

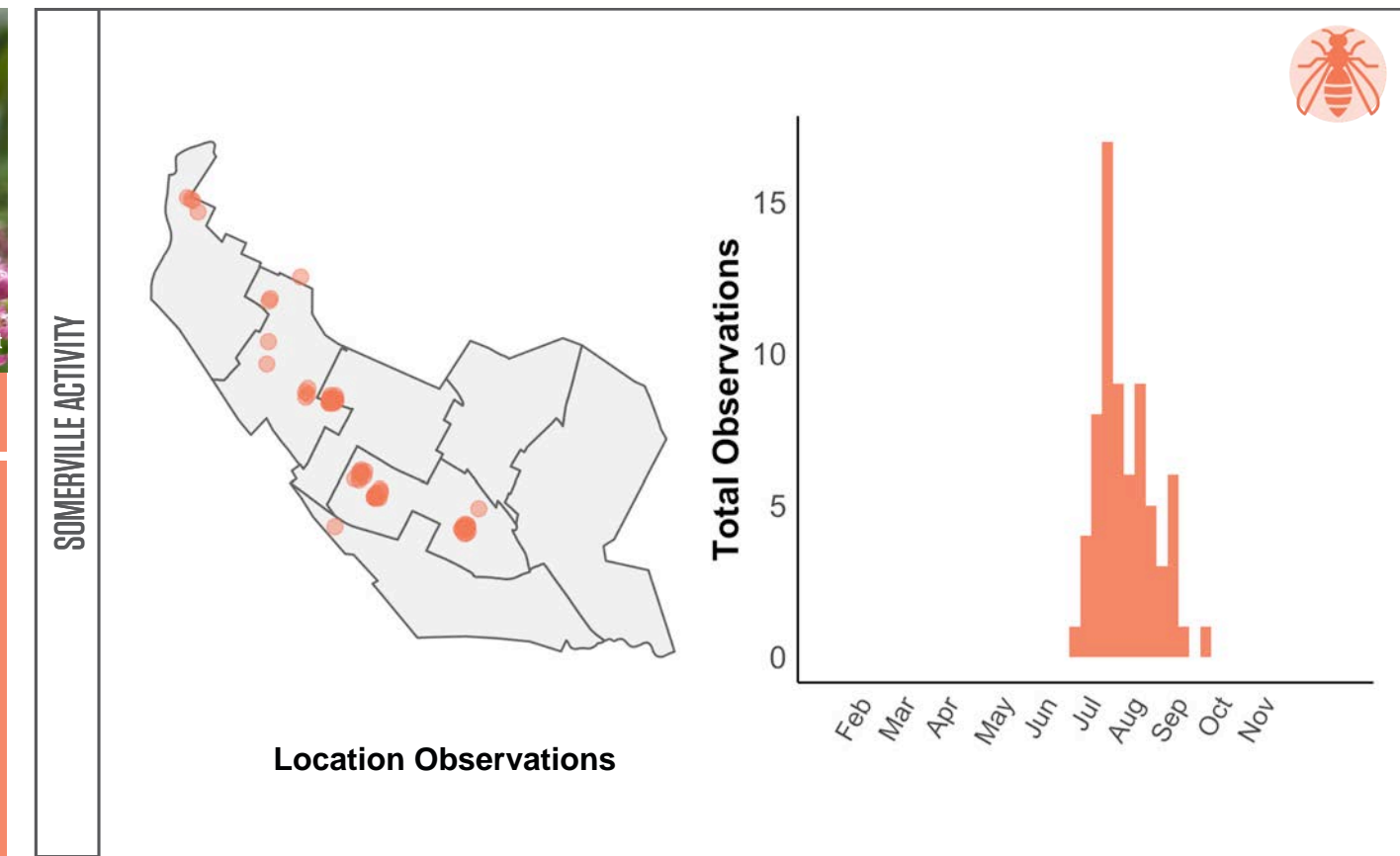
MASCOT SPECIES
great black digger wasp
Sphex pensylvanicus

HABITAT REQUIREMENTS

- Common (5/7 wards)
- Flight period: Jun – Aug
- Food: nectar and katydids
- Nesting: lays eggs in underground nests, bare soil
- Very gentle: only stings if provoked



POLLINATOR PARTNERS
two-spotted longhorn bee
Melissodes bimaculatus



To learn more about this Somerville Pollinator Species, catch Meet Your Neighbors by Dr. Nicholas Dorian here:



gray hairstreak
Strymon melinus



AT RISK SPECIES
common wood-nymph
cercyonis pegala



four-banded stink bug wasp
Bicyrtes quadrifasciatus



golden digger wasp
Sphex ichneumoneus



showy goldenrod
Solidago speciosa F ☀️



mountain mint
Pycnanthemum spp. SP-MS ☀️



swamp milkweed
Asclepias incarnata ES ☀️



little bluestem
Schizachyrium scoparium LS-F ☀️



meadowsweet
Spirea tomentosa MS ☀️



rattlesnake master
Eryngium yuccifolium LS-F ☀️



wild bergamot
Monarda fistulosa MS-F ☀️



spotted beebalm
Monarda punctata MS-F ☀️



summersweet
Clethra alnifolia MS ☀️



silky dogwood
Cornus (Swida) amomum



redtwig dogwood
Cornus (Swida) sericea



oaks
Quercus spp.

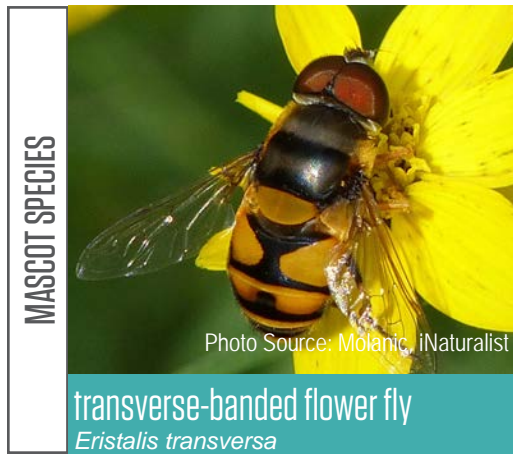
Seasonality SP SPRING ES EARLY SUMMER MS MID SUMMER LS LATE SUMMER F FALL AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🐝 🦋 🦋 🐛 🐛 🐦 🐦

Rabbit Tolerant 🐰



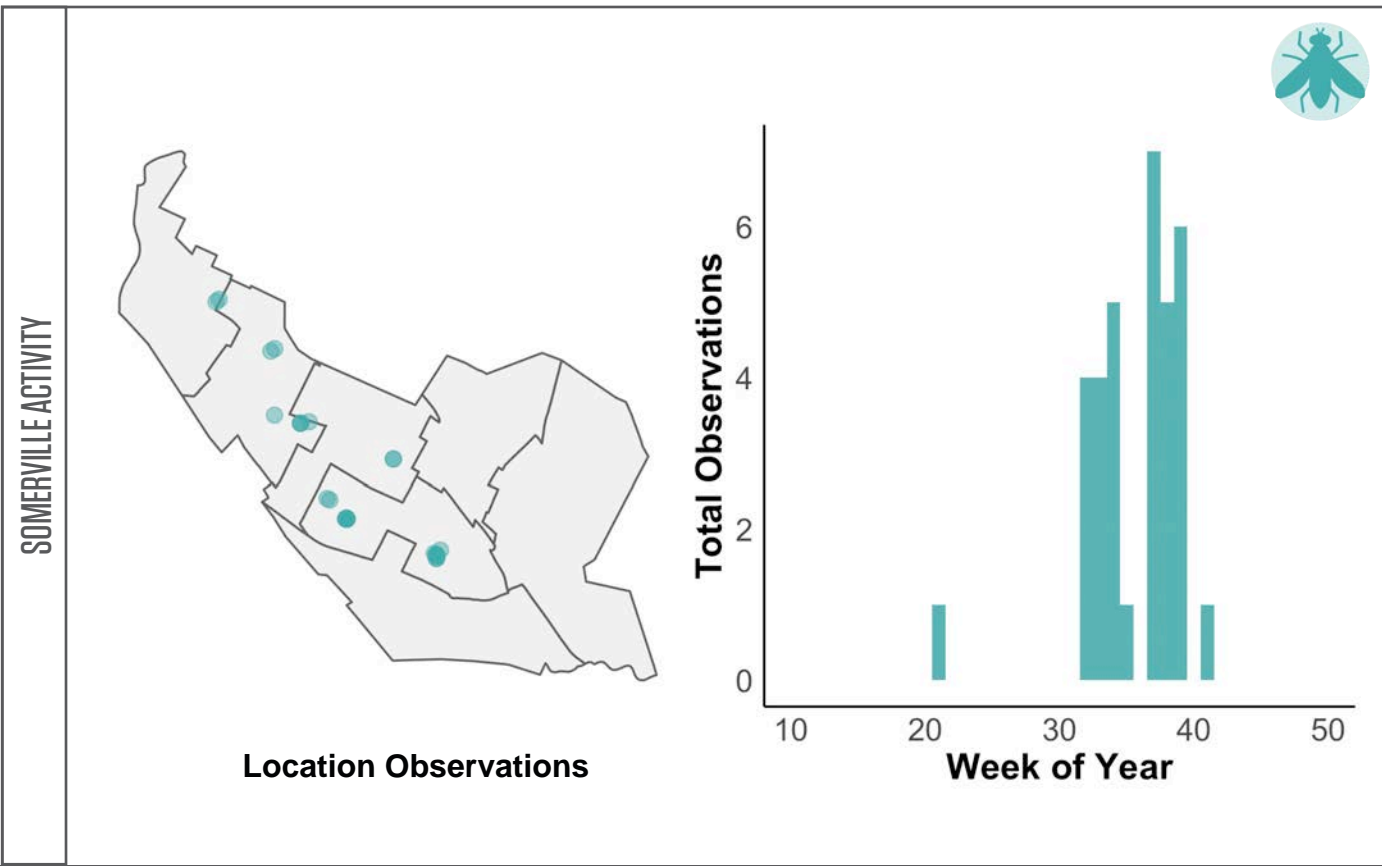
MASCOT SPECIES

transverse-banded flower fly
Eristalis transversa

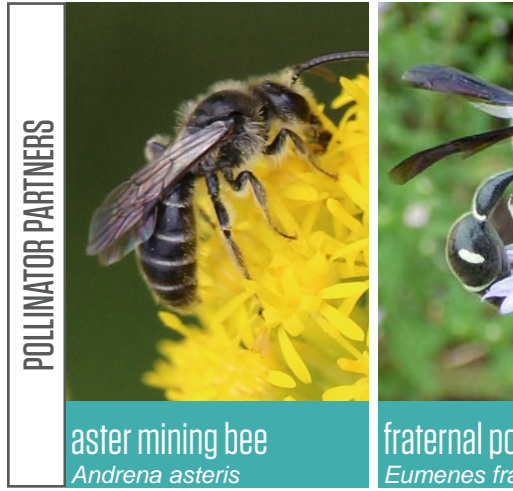
Photo Source: Molanic, iNaturalist

HABITAT REQUIREMENTS

- Common (4/7 wards)
- Flight period: Jul-Oct
- Food: nectar and pollen
- Nesting: seeps, wet pools



To learn more about this Somerville Pollinator Species, catch Meet Your Neighbors by Dr. Nicholas Dorian here:



POLLINATOR PARTNERS

aster mining bee
Andrena asteris



fraternal potter wasp
Eumenes fraternus



pearl crescent
Phyciodes tharos

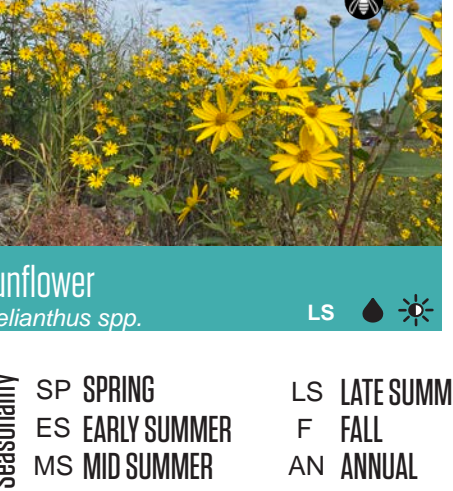


AT RISK SPECIES

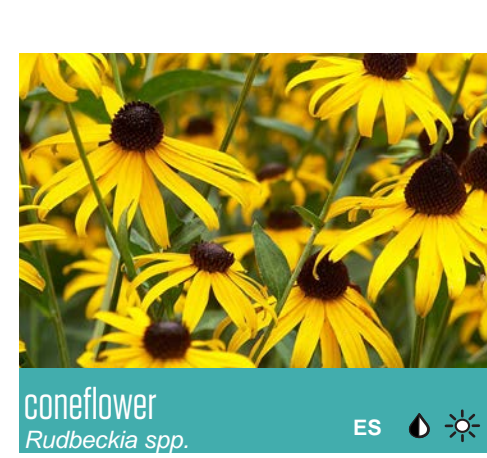
Drury's longhorn bee
Melissodes druriellus



yellow-collared scape moth
Cisseps fulvicollis



Eastern hornet fly
Spilomyia longicornis



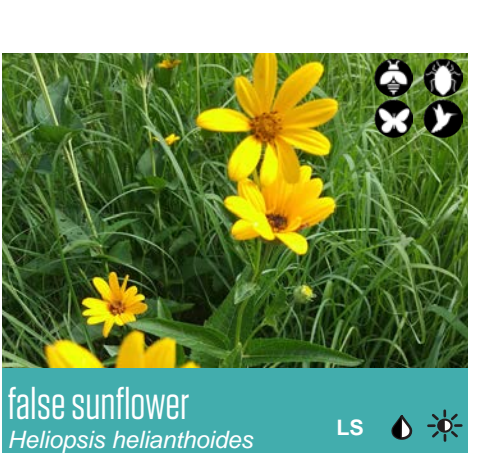
coneflower
Rudbeckia spp.



ninebark
Physocarpus spp.



aster
Symphyotrichum spp.



false sunflower
Heliopsis helianthoides



lance-leaved coreopsis
Coreopsis lanceolata



willow
Salix spp.



choke cherry
Prunus virginiana



viburnum
Viburnum spp.



sunflower
Helianthus spp.



showy goldenrod
Solidago speciosa



wood aster
Eurybia spp.



joe-pye weed
Eutrochium fistulosum

Seasonality

SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🐝 🐝 🐝 🐝 🐝

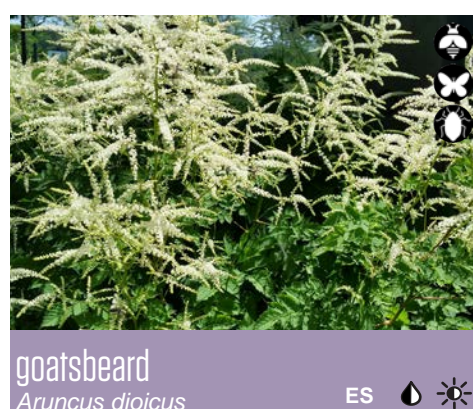
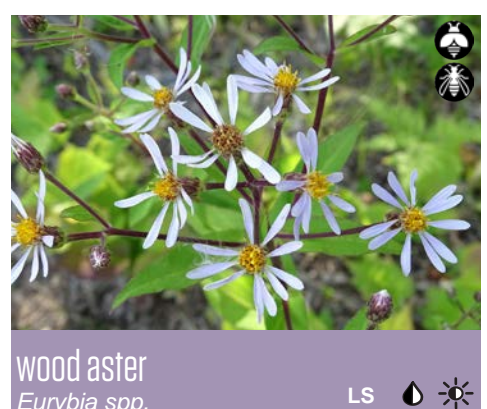
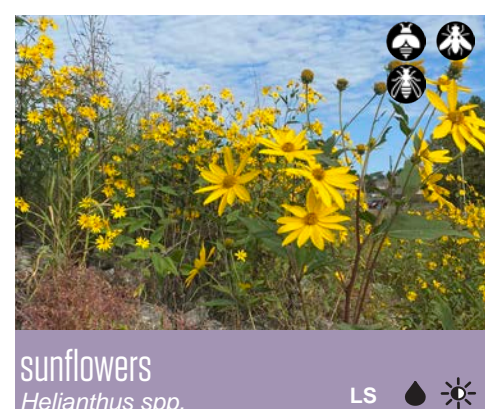
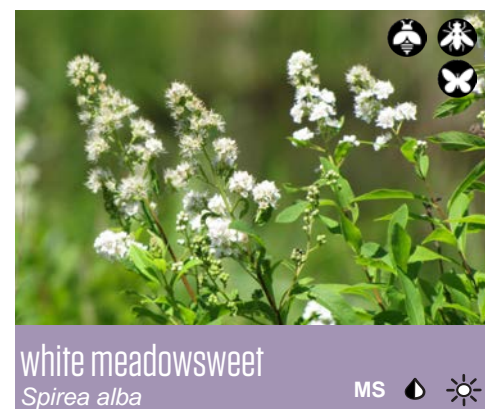
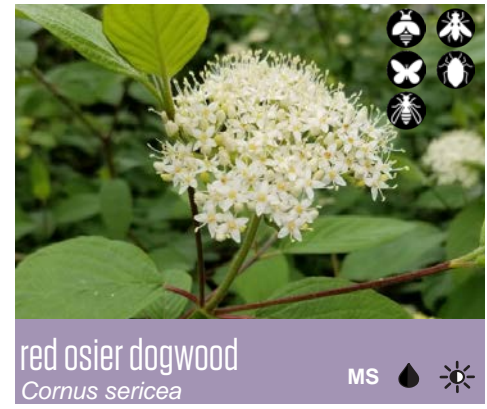
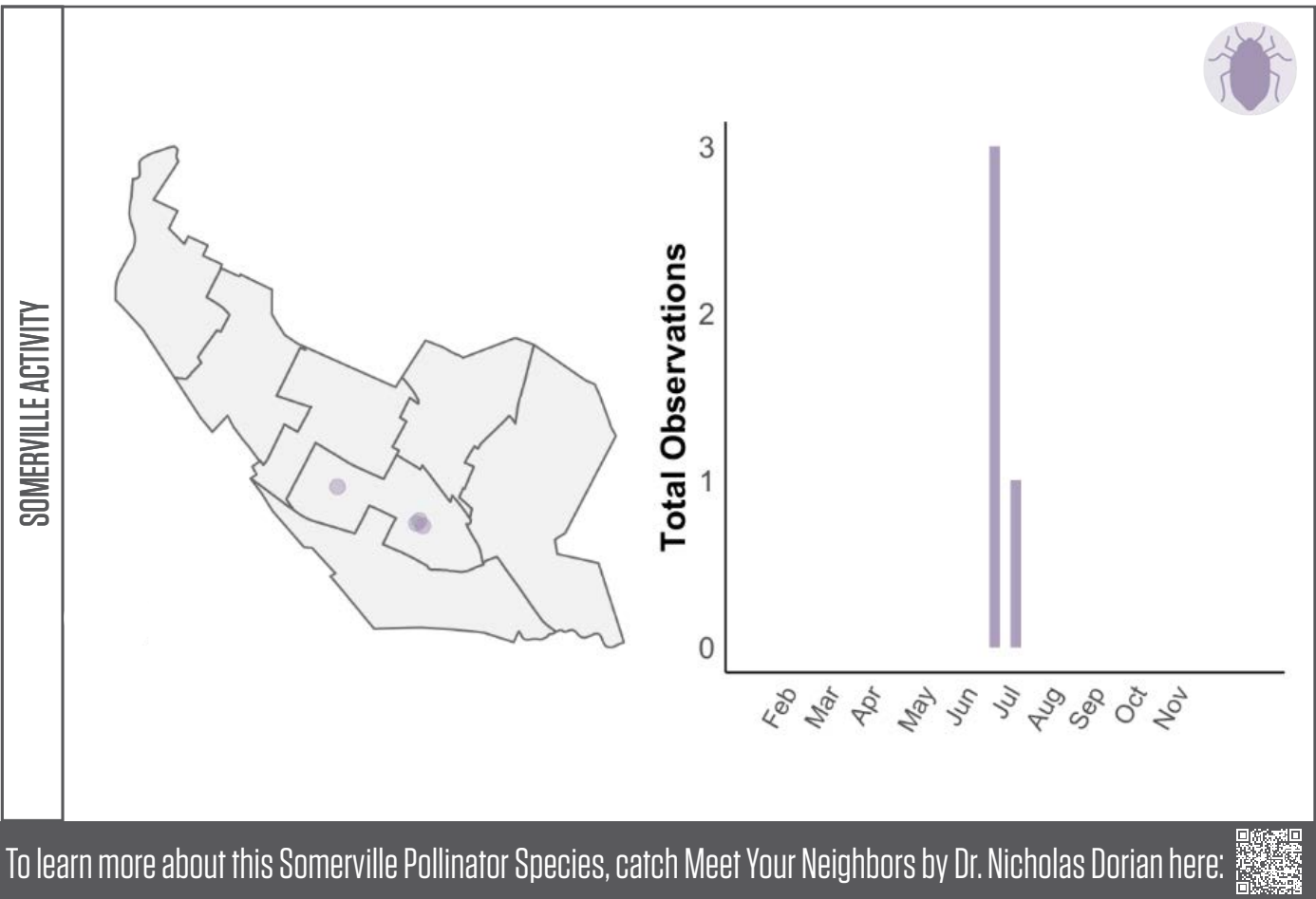
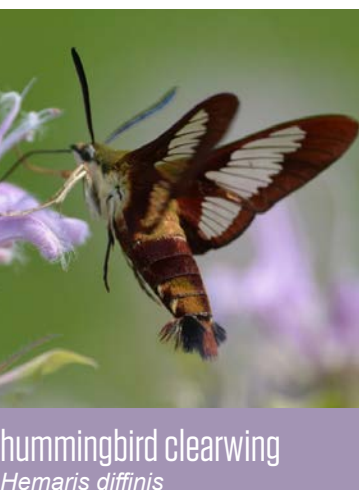
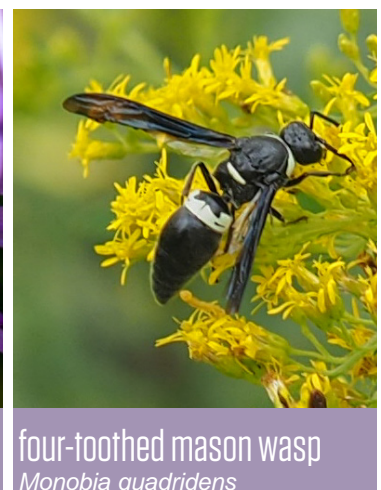
Rabbit Tolerant 🐰



HABITAT REQUIREMENTS

Uncommon (1/7 wards)

- Flight period: Jun-July
- Food: nectar and pollen
- Nesting: lays eggs in moist, decaying logs
- Very gentle. Cannot bite nor sting



Seasonality SP SPRING ES EARLY SUMMER MS MID SUMMER LS LATE SUMMER F FALL AN ANNUAL









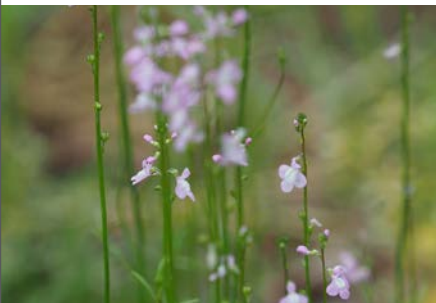



Moisture ☀️ FULL ☀️ PART ☀️ SHADE ☔ WET ☔ WET/DRY ☔ DRY

Pollinator

Rabbit Tolerant

TOP NATIVE ANNUALS

If you are looking for all-summer color and are interested in supplementing your native Pollinator Pot with annuals, consider picking from this list. Prioritize native species wherever possible!

NATIVE ANNUAL FORBS	 partridge sensitive-pea <i>Chamaecrista fasciculata</i> LS ☀️	 annual fleabane <i>Erigeron annuus</i> MS ☀️	 Philadelphia fleabane <i>Erigeron philadelphicus</i> LS ☀️	 daisy fleabane <i>Erigeron strigosus</i> ES ☀️
	 spotted touch-me-not <i>Impatiens capensis</i> MS ☀️	 pale jewelweed <i>Impatiens pallida</i> MS ☀️	 Virginia dwarf dandelion <i>Krigia virginica</i> SP-LS ☀️	 Indian tobacco <i>Lobelia inflata</i> LS ☀️
	 blue toadflax <i>Nuttallanthus canadensis</i> ES ☀️	 common evening primrose <i>Oenothera biennis</i> LS ☀️	 sweet everlasting <i>Pseudognaphalium obtusifolium</i> LS ☀️	 black-eyed Susan <i>Rudbeckia hirta</i> MS ☀️








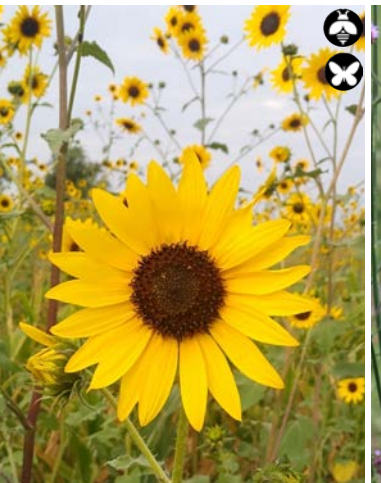

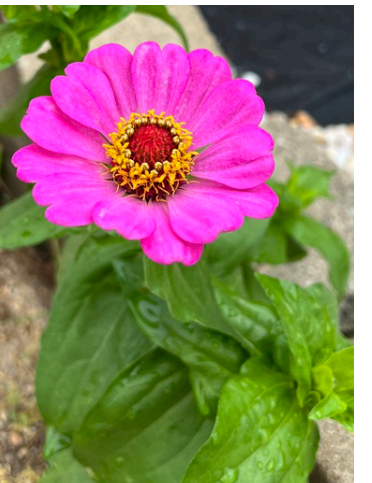
Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🐛 🦋 🐌 🐦
Rabbit Tolerant 🐰

TOP NON-NATIVE ANNUALS

Many annuals have no local pollinator value! Prioritize native species when possible, but if you are choosing from annuals at a nursery, consider picking from this list of plants that have some pollinator value.

NON-NATIVE ANNUAL FORBS	 alyssum <i>Lobularia spp.</i> AN SP-F ☀️	 spider flower <i>Cleome spp.</i> AN ES-F ☀️	 cosmos <i>Cosmos spp.</i> AN ES-F ☀️	 creeping verbena <i>Glandularia spp.</i> AN SP-F ☀️	 heliotrope <i>Heliotropium spp.</i> AN ES-LS ☀️
	 lantana <i>Lantana spp.</i> AN ES-F ☀️	 sage <i>Salvia spp.</i> AN ES-MS ☀️	 sunflower <i>Helianthus annuus</i> AN MS-F ☀️	 purpletop vervain <i>Verbena bonariensis</i> AN ES-F ☀️	 zinnia <i>Zinnia spp.</i> AN ES-F ☀️

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🐛 🦋 🐌 🐦
Rabbit Tolerant 🐰




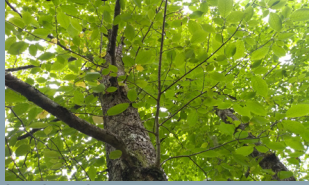

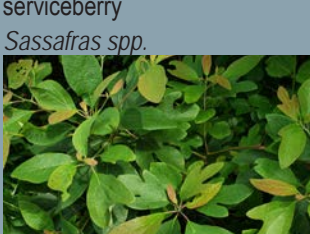
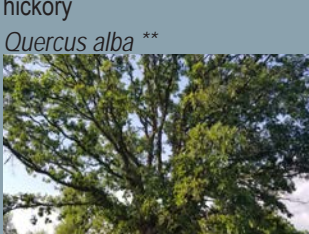
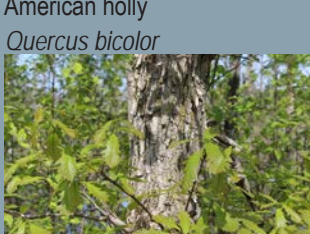
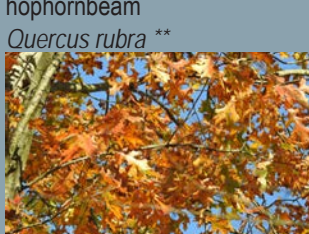
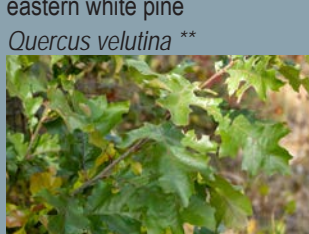



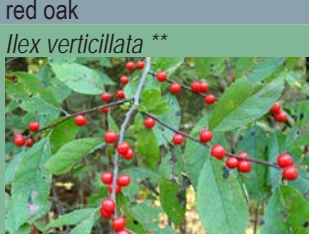
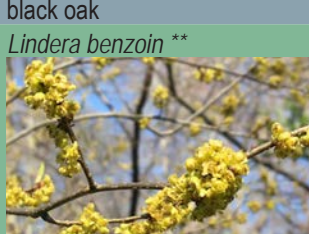
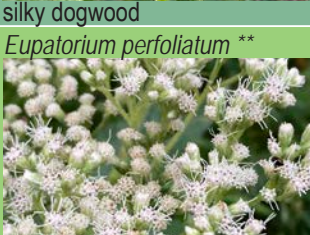
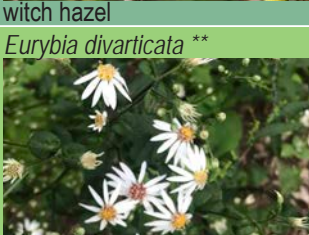



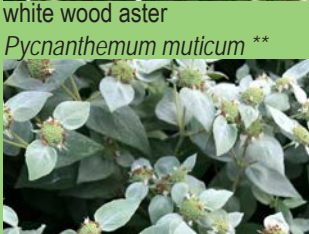




Spring Ephemerals

Scientific Name	Common Name	Size	Solar	Wetland Status	Soil Moisture
<i>Aquilegia canadensis</i>	columbine	1.5-2'	Sun/Part Sun	FACU	Dry, Moist
<i>Claytonia virginica</i>	spring Beauty	.5'	Sun/Part Sun	-	Moist
<i>Dicentra canadensis</i>	squirrel corn	0-1'	Part Shade	-	Moist
<i>Dicentra cucullaria</i>	dutchman's breeches	0-1'	Part Sun/Shade	-	Moist
<i>Erythronium americanum</i>	American trout lily	0-0.5'	Part Sun/Shade	-	Moist
<i>Hydrophyllum virginianum</i>	eastern waterleaf	1-2'	Part Sun	FAC	Moist
<i>Mertensia virginica</i>	bluebells	1.5-2'	Sun/Part Sun	FAC	Moist
<i>Sanguinaria canadensis</i>	bloodroot	.5'	Part Sun/Shade	FACU	Moist, Wet
<i>Trillium grandiflorum</i>	white trillium	1'-1.5'	Part Sun/Shade	-	Moist
<i>Uvularia grandiflora</i>	merry bells	1.5-2'	Part Sun/Shade	-	Moist
<i>Viola rotundifolia</i>	round-leaved violet	.25-.5'	Shade	FAC	Moist

Vines















Scientific Name	Common Name	Size (length)	Solar	Wetland Status	Soil Moisture
<i>Adlumia fungosa</i>	Allegheny-vine	13'	Part Sun/Shade	-	Moist
<i>Apios americana</i>	common ground-nut	15'	Shade	FACW	Moist/Wet
<i>Aristolochia macrophylla</i>	dutchman's pipe	20-30'	Part Sun	-	Moist
<i>Clematis virginiana</i>	virgin's bower	6-10'	Sun/Part Sun	FAC	Dry/Moist
<i>Lonicera sempervirens</i>	honeysuckle vine	8-15'	Sun/Part Sun	FACU	Moist
<i>Mikania scandens</i>	climbing hempvine	8-10'	Sun/Part Sun	OBL	Wet
<i>Parthenocissus quinquefolia</i>	virginia creeper	30-50'	Sun/Part Sun	FACU	Moist
<i>Vitis labrusca</i>	fox grape	20'	Sun/Shade	FACU	Dry/Moist

Fells in the City - Seeps/Ravines + Woodlands

Trees	<i>Amelanchier spp.</i>  serviceberry	<i>Carya spp.</i> **  hickory	<i>Ilex opaca</i>  American holly	<i>Ostrya virginiana</i> **  hophornbeam	<i>Pinus strobus</i> **  eastern white pine
	<i>Sassafras spp.</i>  sassafras	<i>Quercus alba</i> **  white oak	<i>Quercus bicolor</i>  swamp white oak	<i>Quercus rubra</i> **  red oak	<i>Quercus velutina</i> **  black oak
Shrubs	<i>Cornus amomum</i>  silky dogwood	<i>Hamamelis virginiana</i> **  witch hazel	<i>Ilex glabra</i>  evergreen winterberry	<i>Ilex verticillata</i> **  winterberry holly	<i>Lindera benzoin</i> **  Northern spicebush
	<i>Eupatorium perfoliatum</i> **  common boneset	<i>Eurybia divarticata</i> **  white wood aster	<i>Eutrochium spp.</i> **  Joe-pye weed	<i>Geranium maculatum</i> **  wild geranium	<i>Monarda fistulosa</i> **  wild bergamot
Forbs	<i>Packera aurea</i> **  golden ragwort	<i>Pycnanthemum muticum</i> **  clustered mountainmint	<i>Solidago spp.</i> **  goldenrod	<i>Symphotrichum novi-belgii</i>  New York aster	<i>Zizia aurea</i> **  golden Alexander
	<i>Carex spp.</i> **  sedge				

** Indicates plants observed as being present in the [EWA Guide to the Plants of the Fells](#). See Ferns of the Fells list for additional relevant plants.

Fells in the City: Pond Edges

Trees	<i>Acer rubrum</i> **  red maple	<i>Amelanchier spp.</i>  serviceberry	<i>Betula populifolia</i>  grey birch	<i>Nyssa sylvatica</i>  tupelo	<i>Salix nigra</i>  black willow
	<i>Aronia spp.</i>  chokeberry	<i>Clethra alnifolia</i> **  coastal pepperbush	<i>Cornus sericea</i>  red osier dogwood	<i>Kalmia angustifolia</i>  sheep laurel	<i>Vaccinium corymbosum</i>  highbush blueberry
Forbs	<i>Asclepias incarnata</i> **  swamp milkweed	<i>Eupatorium perfoliatum</i> **  common boneset	<i>Eutrochium spp.</i> **  Joe-pye weed	<i>Iris versicolor</i> **  norther blue flag iris	

** Indicates plants observed as being present in the [EWA Guide to the Plants of the Fells](#). See Ferns of the Fells list for additional relevant plants.

Fells in the City - Rock Outcrops (Dry/Sunny)

Trees

Amelanchier canadensis



serviceberry
Quercus ilicifolia



scrub oak

Betula populifolia



grey birch
Quercus rubra **



red oak

*Carya spp.***



hickory
Quercus velutina **



black oak

Pinus rigida



pitch pine
Rhus spp.



sumac

Quercus alba **



white oak
Sassafras spp.



sassafrass

Shrubs

Arctostaphylos spp.



bearberry

Gaylussacia baccata



huckleberry

Rubus spp. **



dewberry

Spirea tomentosa



steeplesh

Vaccinium angustifolium **



lowbush blueberry

Forbs

Corydalis sempervirens



rocky harlequin

Erigeron pulchellus



Robin's plantain

Fragaria vesca **



wild strawberry

Potentilla spp.



cinquefoil

Solidago nemoralis **



field goldenrod

Graminoids

*Carex appalachia**



sedge

Carex pennsylvanica **



sedge

Deschampsia flexuosa



wavy hair grass

Eragrostis spectabilis



purple lovegrass

Schizachyrium scoparium



little bluestem

** Indicates plants observed as being present in the [EwA Guide to the Plants of the Fells](#). See Ferns of the Fells list for additional relevant plants.

Fells in the City: Ferns of the Fells

Amauropelta noveboracensis **



New York fern

Athyrium filix-femina **



lady fern

Dryopteris intermedia **



intermediate wood fern

Dryopteris marginalis **



marginal wood fern

Osmunda claytoniana **



interrupted fern

Osmundastrum cinnamomeum



cinnamon fern

Onoclea sensibilis **



sensitive fern

Polystichum acrostichoides **



Christmas fern

Comptonia peregrina **



sweet-fern

** Indicates plants observed as being present in the [EwA Guide to the Plants of the Fells](#)

Plant list: Somerville Rewind

Shrubs	<i>Arctostaphylos uvaursi</i>  bearberry	<i>Comptonia peregrina</i> (Sylvan Gardens)  sweet-fern	<i>Spiraea tomentosa</i>  steplebush	<i>Vaccinium spp.</i>  blueberry
Graminoids	<i>Agrostis spp.</i>  bentgrass	<i>Carex appalachia</i> (Mt Cuba Center)  Appalachian sedge	<i>Carex pensylvanica</i>  Pennsylvania sedge	<i>Carex platyphylla</i>  broad leaf sedge
	<i>Danthonia spicata</i>  poverty oatgrass	<i>Deschampsia flexuosa</i> (van berkum nursery)  crinkled hair grass	<i>Eragrostis spectabilis</i> (Inland Bays Garden Center)  purple love grass	<i>Carex swanii</i> (Mt Cuba Center)  swan's sedge
	<i>Juncus tenuis</i>  slender rush	<i>Schizachyrium scoparium</i>  little bluestem	<i>Achillea millefolium</i>  yarrow	<i>Antennaria spp.</i>  pussytoes
	<i>Baptisia tinctoria</i>  yellow wild indigo	<i>Asclepias syriaca</i>  common milkweed	<i>Asclepias tuberosa</i>  butterfly weed	<i>Panicum virgatum</i>  switchgrass
	<i>Chamaecrista fasciculata</i>  partridge pea	<i>Cirsium pumilum</i> (Janis Stone)  thistle	<i>Erigeron pulchellus</i>  hairy fleabane	<i>Erigeron strigosus</i>  daisy fleabane

Plant list: Somerville Rewind

Forbs (Part 2)	<i>Eurybia divaricata</i>  white wood aster	<i>Eupatorium hyssopifolium</i>  hyssopleaf thoroughwort	<i>Eurybia spectabilis</i>  purple wood aster	<i>Ionactis linariifolia</i>  stuff aster	<i>Krigia virginica</i>  Virginia dwarf-dandelion
	<i>Maianthemum canadense</i>  Canada mayflower	<i>Nuttallanthus canadensis</i>  figworts	<i>Potentilla canadensis</i>  dwarf cinquefoil	<i>Pseudognaphalium obtusifolium</i>  blunt-leaved rabbit-tobacco	<i>Pycnanthemum tenuifolium</i> (Christopher David Benda)  narrowleaf mountain mint
	<i>Sibbaldia tridentata</i>  three-leaved cinquefoil	<i>Solidago bicolor</i>  silverrod	<i>Solidago puberula</i>  downy goldenrod	<i>Solidago caesia</i>  wreath goldenrod	<i>Symphyotrichum patens</i>  spreading aster
	<i>Penstemon digitalis</i>  foxglove	<i>Viola sagittata</i>  arrowleaf violet	<i>Viola pedata</i>  birdfoot violet	<i>Viola sororia</i>  blue violet	<i>Zizia aurea</i>  golden Alexander

2

Pollinator Pantry Recipe Cards

Pre-designed and highly aesthetic gardens
to support pollinators in Somerville!



Smallest
Gardens

Pollinator Pots

Pollinator Patches:

3' x 6' | 4' x 8' | 5' x 10' | 7.5' x 15'

Bio Swale

4' x 8'

Street Median (For City Use)

6' x 12'

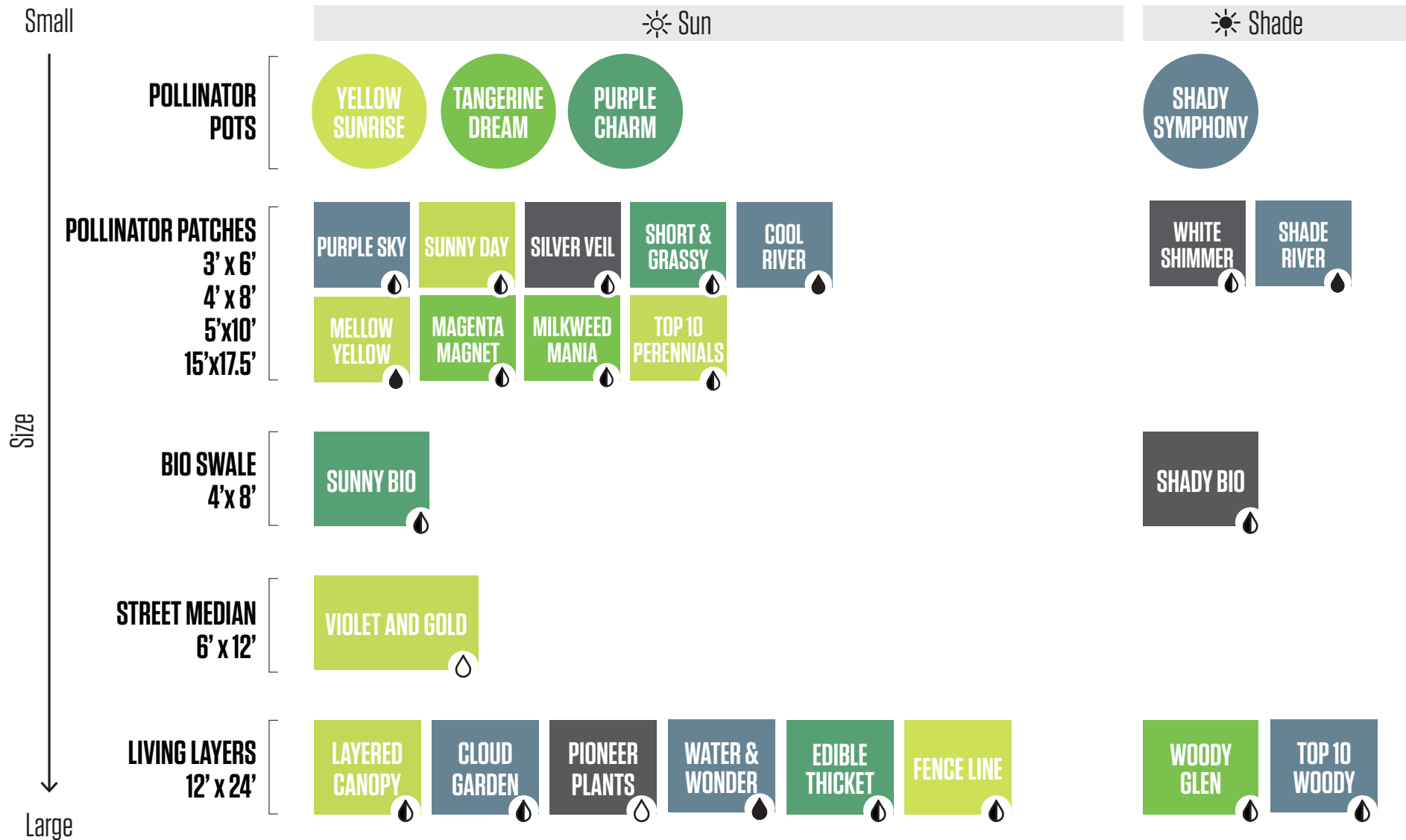
Living Layers - Trees and Shrubs

12' x 24'

Lawn Conversions & Seeded Meadows

Largest
Gardens

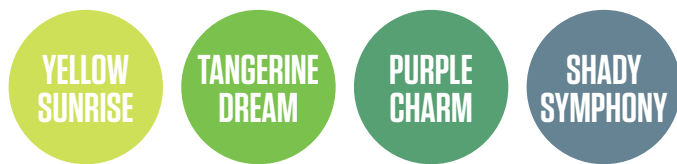
POLLINATOR GARDEN RECIPE CARDS



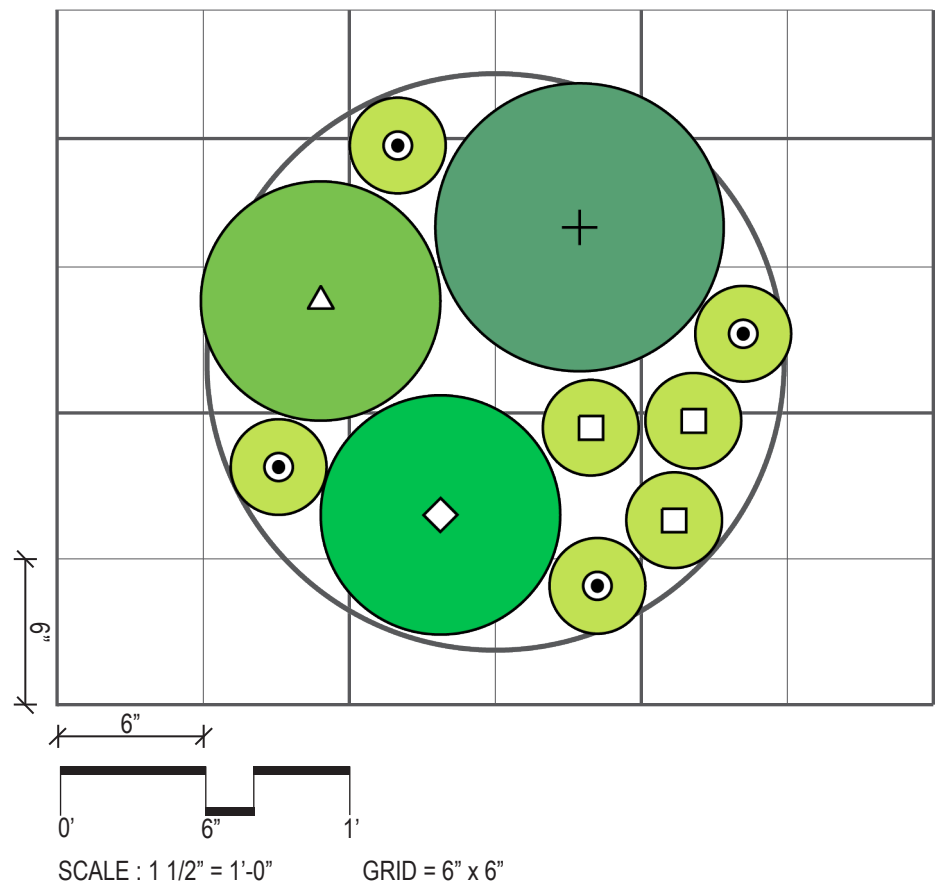
POLLINATOR GARDEN RECIPE CARDS

How to use the recipe cards:

1. Planting diagrams are organized by size of your installation! Choose the diagram best suited for your site!
2. Then choose a recipe card provided to use for species selection with that diagram. Recipe cards are organized by: **Color, Soil Type, Moisture, & Other Site Conditions.**
3. Each symbol = 1 Plant
4. Choose 1 plant for each symbol from the same Recipe Card.
5. Make sure it's blooming in all seasons!
6. You can substitute 'Seasonal Theme' for 'Groundcover' anytime.
7. Have fun!



PICK YOUR OWN POLLINATOR POTS!























24" Diameter Container

- + Structure Plant
- △ Seasonal Theme
- ◇ Seasonal Theme
- Seasonal Theme
- ⊙ Groundcover Plant

See potential plant list options on the next page.
 Feel free to pick one theme as a guide, or mix and match (making sure to keep one plant that blooms in each season!) to create your ideal garden.

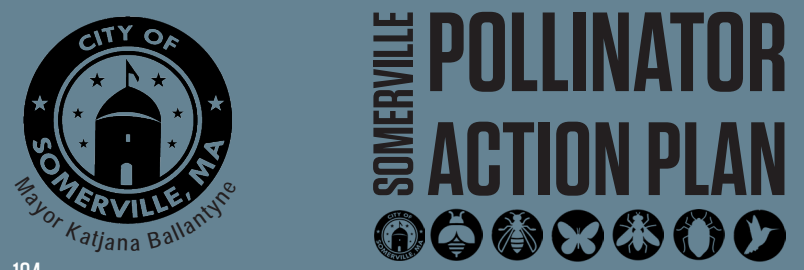
Pick one theme or mix and match (within a bloom season) from the list below!

	YELLOW SUNRISE	TANGERINE DREAM	PURPLE CHARM	SHADY SYMPHONY
STRUCTURE PLANT	 yellow wild indigo <i>Baptisia tinctoria</i> SP-ES +	 switchgrass <i>Panicum virgatum 'Cheyenne Sky'</i> LS-F +	 pink muhly grass <i>Muhlenbergia capillaris</i> LS-F +	 black cohosh <i>Actaea racemosa</i> SP +
SEASONAL THEME	 black-eyed susan <i>Rudbeckia fulgida</i> LS △	 sneezeweed <i>Helenium 'Flammendes Kathchen'</i> MS △	 spotted beebalm <i>Monarda punctata</i> MS-F △	 ostrich fern <i>Matteuccia struthiopteris</i> MS △
	 lance-leaved coreopsis <i>Coreopsis lanceolata</i> SP-MS ◇	 yarrow <i>Achillea millefolium 'Terracotta'</i> ES ◇	 purple coneflower <i>Echinacea purpurea</i> MS ◇	 American alumroot <i>Heuchera americana</i> ES ◇
	 blue fescue <i>Festuca glauca</i> ES □	 butterfly milkweed <i>Asclepias tuberosa</i> MS □	 giant hyssop <i>Agastache 'Black Adder'</i> MS-F □	 white wood aster <i>Eurybia divaricata</i> LS □
GROUNDCOVER	 yarrow <i>Achillea x 'Moonshine'</i> ES ⊙	 white heath aster <i>Symphotricum ericoides</i> LS ⊙	 common blue violet <i>Viola sororia</i> SP ⊙	 columbine <i>Aquilegia canadensis</i> ES ⊙

Seasonality
 SP SPRING ES EARLY SUMMER MS MID SUMMER
 LS LATE SUMMER F FALL AN ANNUAL

Sun ☀ FULL ☀ PART ☀ SHADE
 Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🦋 🦟 🦟 🦟 🦟
 Rabbit Tolerant 🐰
 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

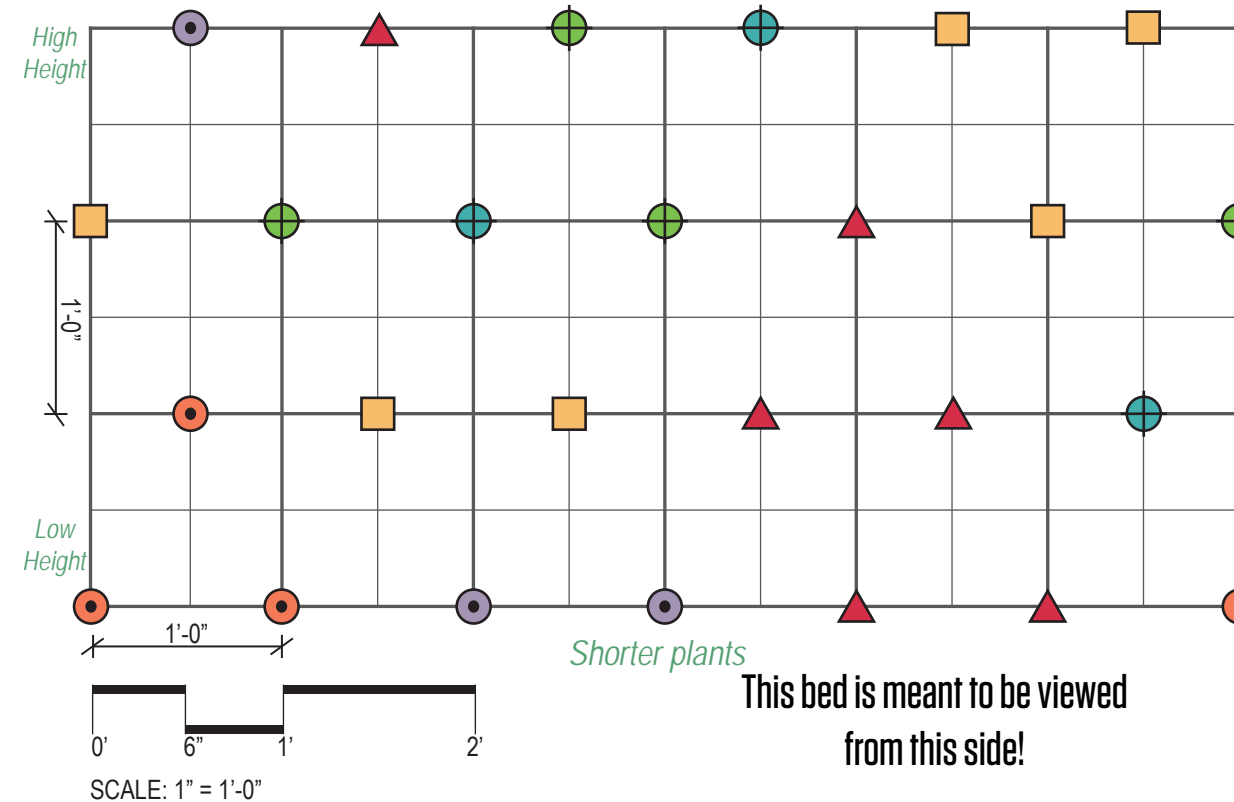


To get involved, informed, or inspired, visit:
voice.somervillema.gov/somerville-pollinator-action-plan





POLLINATOR PATCH 3'x6'



Pick 6 Plants!

Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the one that will work best for your site. Feel free to mix and match but aim to include plants that will bloom in every season!

Structure Plants

Blue circle (3) Green circle (4)

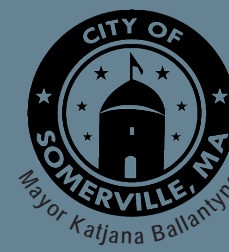
Seasonal Theme

Orange square (6) Red triangle (6)

Groundcover (or sub seasonal theme!)

Purple circle (3) Orange circle (4)

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"

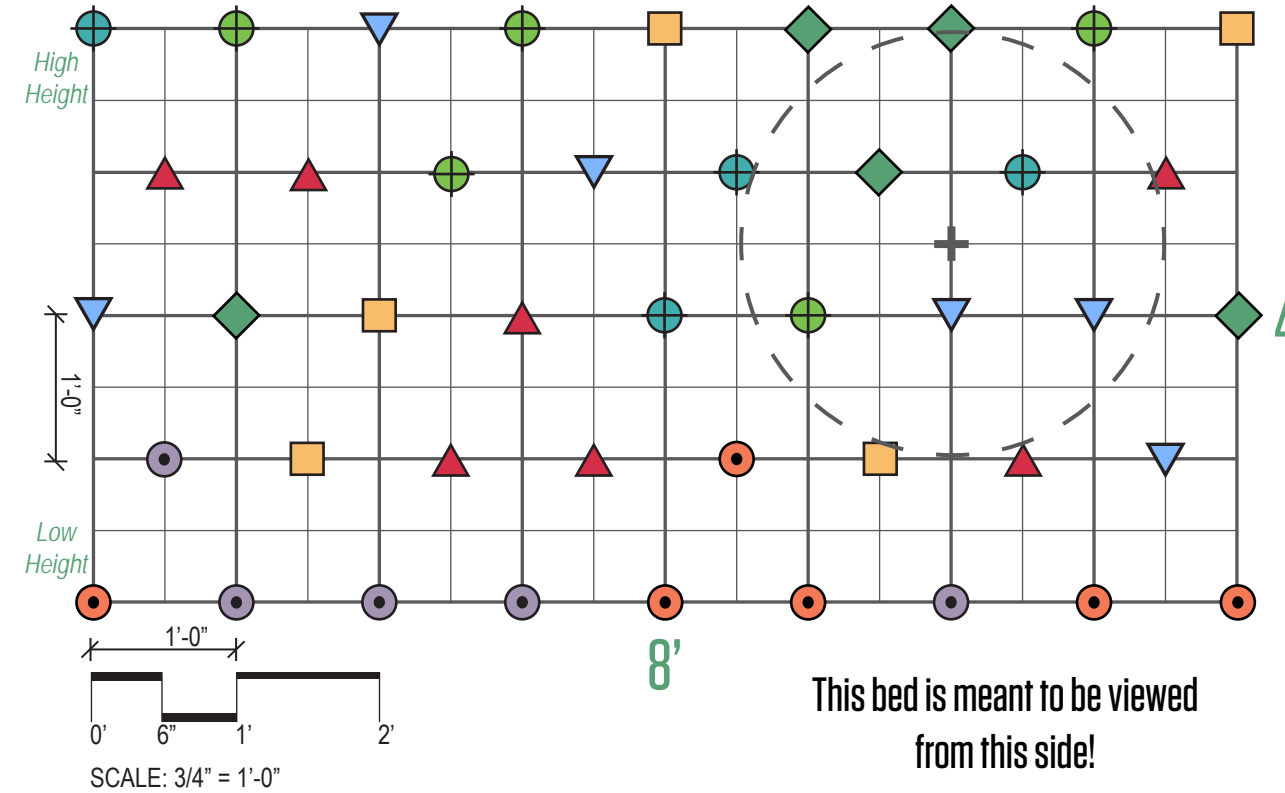


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POLLINATOR PATCH 4'x8'



Pick 8 Plants!

Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the recipe card that will work best for your site. Feel free to mix and match but aim to include plants that will bloom in every season!

Structure Plant

⊕ (4) ⊙ (5)

Seasonal Theme

■ (5) ▲ (7) ◆ (5) ▼ (6)

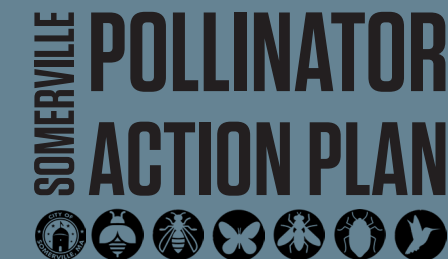
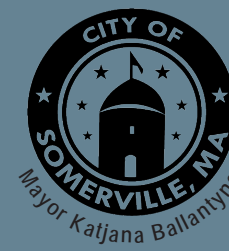
Groundcover Plants at 12" OC

● (5) ○ (6)

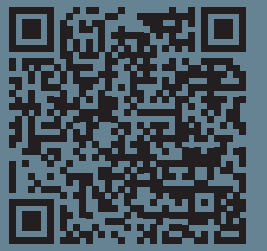
Optional Shrub

+

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"

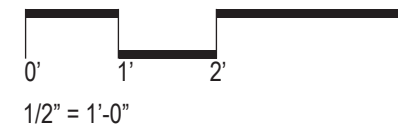
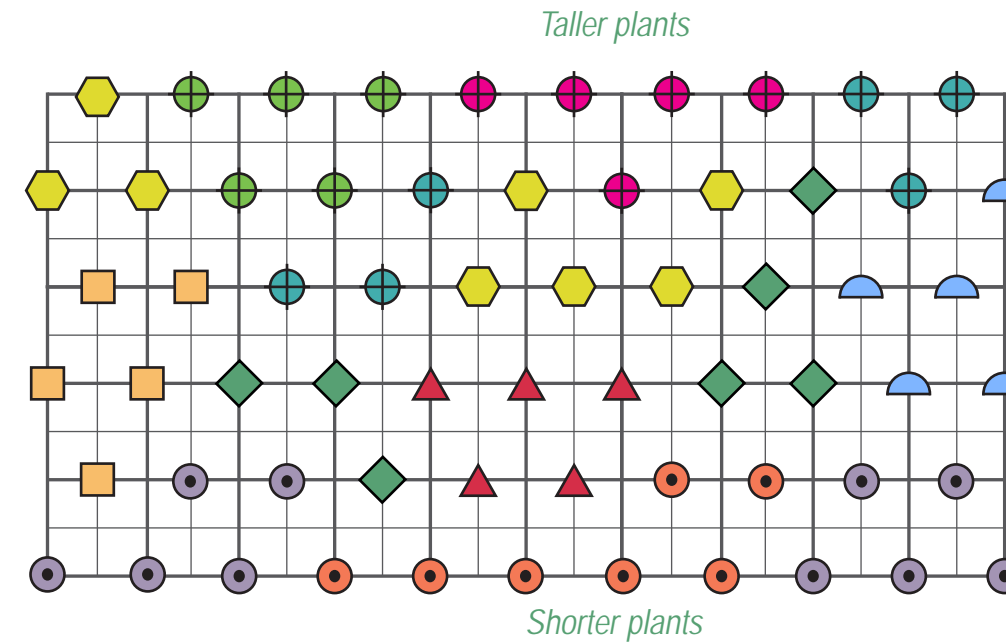


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POLLINATOR PATCH 5'x10'



This bed is meant to be viewed
from this side!

Pick 10 Plants!

Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the one that will work best for your site. Feel free to mix and match but aim to include plants that will bloom in every season!

Structure Plants

- (6)
- (5)
- (5)

Seasonal Theme

- (5)
- (5)
- (7)
- (5)
- (5)

Groundcover (or sub seasonal theme!)

- (10)
- (7)

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"



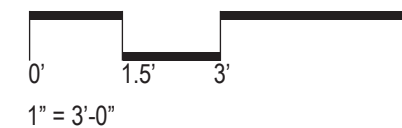
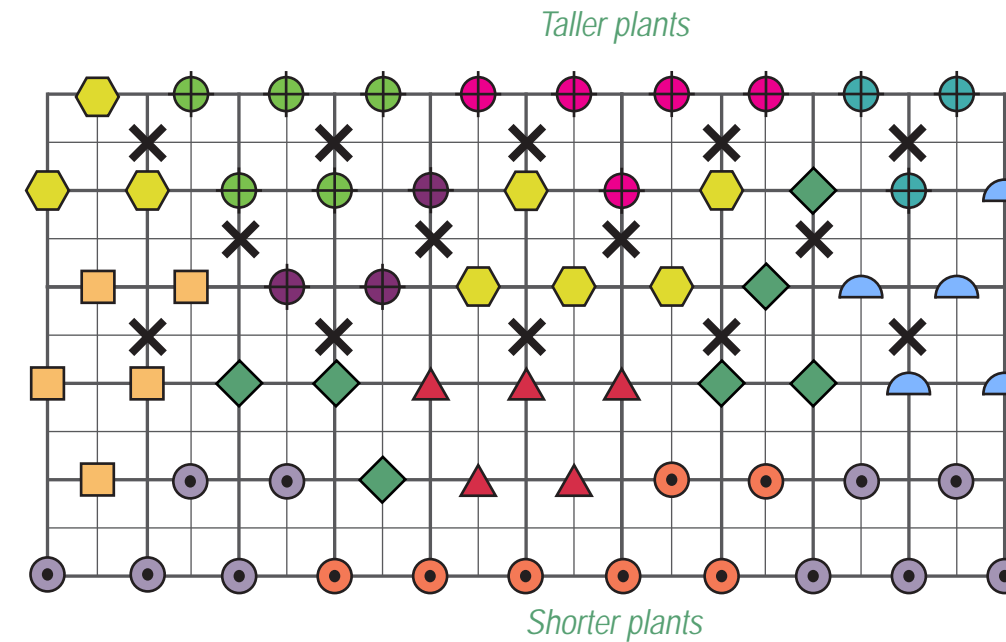
SOMERVILLE
**POLLINATOR
ACTION PLAN**

To get involved, informed, or inspired, visit:
voice.somervillema.gov/somerville-pollinator-action-plan





POLLINATOR PATCH 15'x17.5'



This bed is meant to be viewed
from this side!

Pick 12 Plants!

Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the recipe card that will work best for your site. Feel free to mix and match but aim to include plants that will bloom in every season!

Structure Plants



Seasonal Theme



Groundcover



Grass Matrix (Plugs)



Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"




















SOMERVILLE POLLINATOR ACTION PLAN

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voice.somervillema.gov/somerville-pollinator-action-plan



PURPLE SKY

STRUCTURE PLANT	 blue false indigo <i>Baptisia australis</i>	 switchgrass <i>Panicum virgatum 'Shenandoah'</i>	 sweet Joe-pye weed <i>Eutrochium purpureum</i>
	 clustered mountain mint <i>Pycnanthemum muticum</i>	 purple coneflower <i>Echinacea purpurea</i>	 foxglove beardtongue <i>Penstemon digitalis</i>
	 yarrow <i>Achillea 'Milly Rock Rose'</i>	 wild bergamot <i>Monarda fistulosa</i>	 spotted bee balm <i>Monarda punctata</i>
SEASONAL THEME	 anise hyssop <i>Agastache foeniculum</i>	 swamp milkweed <i>Asclepias incarnata</i>	
	 cutleaf coneflower <i>Rudbeckia laciniata</i>	 autumn goldenrod <i>Solidago sphacelata</i>	 Robin's plantain <i>Erigeron pulchellus</i>
GROUNDCOVER	 purple lovegrass <i>Eragrostis spectabilis</i>	 copper-shouldered oval sedge <i>Carex bicknellii</i>	 New England Aster <i>Symphotrichum novae-angliae 'Purple Dome'</i>

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY
Pollinator 🐝 🦋 🐌 🐛 🐜 🐢
Rabbit Tolerant 🐰

*Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SUNNY DAY

STRUCTURE PLANT	 yellow wild indigo <i>Baptisia tinctoria</i>	 clustered mountain mint <i>Pycnanthemum muticum</i>	 switchgrass <i>Panicum virgatum 'North Wind'</i>	 St. John's wort <i>Hypericum punctatum</i>
	 little bluestem <i>Schizachyrium scoparium</i>	 butterfly milkweed <i>Asclepias tuberosa</i>	 black-eyed Susan <i>Rudbeckia fulgida</i>	 sneezeweed <i>Helenium autumnale</i>
	 lance-leaved coreopsis <i>Coreopsis lanceolata</i>	 yarrow <i>Achillea millefolium 'Terracotta'</i>	 narrowleaf evening primrose <i>Oenothera fruticosa</i>	 barren strawberry <i>Waldsteinia fragarioides</i>
SEASONAL THEME	 cutleaf coneflower <i>Rudbeckia laciniata</i>	 autumn goldenrod <i>Solidago sphacelata</i>	 copper-shouldered oval sedge <i>Carex bicknellii</i>	
	 Robin's plantain <i>Erigeron pulchellus</i>			
GROUNDCOVER				

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL














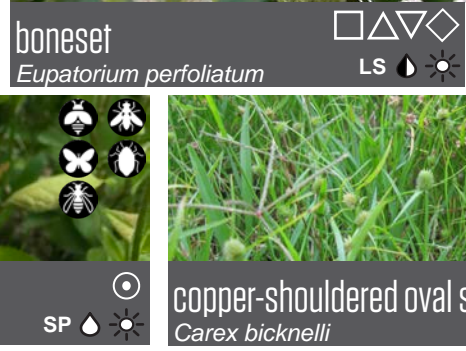

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY
Pollinator 🐝 🦋 🐌 🐛 🐜 🐢
Rabbit Tolerant 🐰

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SUNNY | DRY | UNDER 4' TALL

SUNNY | DRY | UNDER 4' TALL

SILVER VEIL

STRUCTURE PLANT	 false indigo <i>Baptisia 'Ivory Towers'</i> SP	 switchgrass <i>Panicum 'Niagra Falls'</i> LS	 clustered mountain mint <i>Pycnanthemum muticum</i> ES-LS	OPTIONAL SHRUB	 sweet pepperbush <i>Clethra alnifolia</i> MS
	 little bluestem <i>Schizachyrium scoparium</i> LS-F	 coneflower <i>Echinacea 'White Swan'</i> ES-F	 yarrow <i>Achillea millefolium</i> MS-LS		 white meadowsweet <i>Spirea alba</i> ES-LS
SEASONAL THEME	 slender mountain mint <i>Pycnanthemum tenuifolium</i> SP-MS	 boneset <i>Eupatorium perfoliatum</i> LS	 foxglove beardtongue <i>Penstemon digitalis</i> S-ES	 white goldenrod <i>Solidago bicolor</i> LS-F	
	 Robin's plantain <i>Erigeron pulchellus</i> SP	 copper-shouldered oval sedge <i>Carex bicknellii</i> ES	 white heath aster <i>Symphotrichum ericoides 'Snow Flurry'</i> F		

Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL

Sun: FULL, PART, SHADE

Moisture: WET, WET/DRY, DRY

Pollinator: [Icons for bees, butterflies, beetles, birds]

Rabbit Tolerant: [Rabbit icon]

*Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SUNNY | DRY | UNDER 4' TALL

SHORT AND GRASSY (SUB MORE SEASONAL THEMES FOR STRUCTURAL PLANTS!)

SUNNY | DRY | UNDER 4' TALL

SEASONAL THEME	 yarrow <i>Achillea millefolium</i> MS-LS	 slender mountain mint <i>Pycnanthemum tenuifolium</i> SP-MS	 blazing star <i>Liatris spicata</i> LS-F	 whorled milkweed <i>Asclepias verticillata</i> LS
	 aromatic aster 'October Skies' <i>Symphotrichum oblongifolium</i> F	 prairie dropseed <i>Sporobolus heterolepis</i> LS	 blue grama <i>Bouteloua gracilis</i> F	 side oats grama <i>Bouteloua curtipendula</i> LS
GROUND COVER	 blue grama <i>Bouteloua gracilis 'Blonde Ambition'</i> ES-LS	 copper-shouldered oval sedge <i>Carex bicknellii</i> ES-LS	 pearly everlasting <i>Anaphalis margaritacea</i> ES-LS	 pusstoes <i>Antennaria spp.</i> ES-LS

Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL

Sun: FULL, PART, SHADE













Moisture: WET, WET/DRY, DRY

Pollinator: [Icons for bees, butterflies, beetles, birds]

Rabbit Tolerant: [Rabbit icon]

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COOL RIVER

STRUCTURE PLANT	 switchgrass <i>Panicum virgatum 'Prairie Sky'</i> LS	 blue vervain <i>Verbena hastata</i> MS	 Joe pye weed <i>Eupatorium 'Baby Joe'</i> MS-F	 culver's root <i>Veronicastrum virginicum</i> ES
	 great blue lobelia <i>Lobelia siphilitica</i> LS	 ironweed <i>Vernonia lettermannii 'Iron Butterfly'</i> MS	 New England aster <i>Symphotrichum novae-angliae</i> F	 swamp milkweed <i>Asclepias incarnata</i> ES
	 sweet flag <i>Acorus americana</i> SP-MS	 path rush <i>Juncus tenuis</i> ES	 shallow sedge <i>Carex lurida</i> SP	 blue mistflower <i>Conoclinium coelestinum</i> LS-P

Seasonality
 SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL
Sun FULL, PART, SHADE
Moisture WET, WET/DRY, DRY
Pollinator [Icons: Bee, Butterfly, Moth, Beetle, Bird]
Rabbit Tolerant [Icon: Rabbit]

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SUNNY | WET | UNDER 4.5' TALL

MELLOW YELLOW

STRUCTURE PLANT	 cutleaf coneflower <i>Rudbeckia laciniata</i> LS-F	 woodland sunflower <i>Helianthus divaricatus</i> F	 shrubby St. John's wort <i>Hypericum prolificum</i> ES	OPTIONAL SHRUB	 dwarf prairie willow <i>Salix occidentalis</i> SP
	 white turtlehead <i>Chelone glabra</i> F	 golden alexander <i>Zizia aurea</i> SP	 garden phlox <i>Phlox paniculata</i> F		 bog goldenrod <i>Solidago uliginosa</i> F
	 marsh marigold <i>Caltha palustris</i> SP	 golden ragwort <i>Packera aurea</i> SP-ES	 anemone <i>Anemone canadensis</i> SP		

Seasonality
 SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL
Sun FULL, PART, SHADE
Moisture WET, WET/DRY, DRY
Pollinator [Icons: Bee, Butterfly, Moth, Beetle, Bird]
Rabbit Tolerant [Icon: Rabbit]

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

MAGENTA MAGNET

STRUCTURE PLANT	 false indigo <i>Baptisia 'Decadence Pink Truffles'</i> SP ☀️ 🌧️ 🌞	 clustered mountain mint <i>Pycnanthemum muticum</i> ES-LS 🌧️ 🌞	 switchgrass <i>Panicum virgatum 'Shenandoah'</i> LS 🌧️ 🌞	
	 yarrow <i>Achillea 'Pink Grapefruit'</i> ES-MS ☀️ 🌧️ 🌞	 wild bergamot <i>Monarda fistulosa</i> ES-MS ☀️ 🌧️ 🌞	 spotted bee balm <i>Monarda punctata</i> ES-MS ☀️ 🌧️ 🌞	 swamp milkweed <i>Asclepias incarnata</i> MS-LS 🌧️ 🌞
	 Joe pye weed <i>Eutrochium purpureum</i> MS-LS 🌧️ 🌞	 new england aster <i>Symphotrichum 'Vibrant Dome'</i> LS-F ☀️ 🌧️ 🌞	 purple coneflower <i>Echinacea purpurea</i> MS ☀️	 copper-shouldered oval sedge <i>Carex bicknellii</i> ES 🌧️ 🌞

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY
Pollinator 🐝 🦋 🐌 🐛 🐜 🐢
Rabbit Tolerant 🐇

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SUN | VAR. HEIGHTS

WHITE SHIMMER

STRUCTURE PLANT	 goat's beard <i>Aruncus dioicus</i> ES ☀️ 🌞	 black cohosh <i>Actaea racemosa</i> MS 🌧️ 🌞	 mapleleaf viburnum <i>Viburnum acerifolium</i> ES 🌧️ 🌞
	 white snakeroot <i>Ageratina altissima</i> LS-F 🌧️ 🌞	 American alumroot <i>Heuchera villosa 'Autumn Bride'</i> LS-F 🌧️ 🌞	 blue wood aster <i>Symphotrichum cordifolium</i> LS 🌧️ 🌞
	 white wood aster <i>Eurybia divaricata</i> LS 🌧️ 🌞	 wild geranium <i>Geranium maculatum</i> SP 🌧️ 🌞	 calico aster <i>Symphotrichum lateriflorum</i> F 🌧️ 🌞
 wild blue phlox <i>Phlox divaricata</i> ES 🌧️ 🌞	 creeping phlox <i>Phlox stolonifera</i> SP-ES 🌧️ 🌞	 wild ginger <i>Asarum canadense</i> SP 🌧️ 🌞	

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY
Pollinator 🐝 🦋 🐌 🐛 🐜 🐢
Rabbit Tolerant 🐇

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SHADE | MOIST | UNDER 4' TALL

SHADE RIVER

STRUCTURE PLANT	 calico aster <i>Symphotrichum lateriflorum</i> F	 solomon's seal <i>Polygonatum biflorum</i> SP-ES	 solomon's plume <i>Maianthemum racemosum</i> SP-ES	STRUCTURE PLANT	 sweet pepperbush <i>Clethra alnifolia</i> MS	
	 bluebells <i>Mertensia virginica</i> SP	 white turtlehead <i>Chelone glabra</i> F	 smooth aster <i>Symphotrichum laeve</i> 'Bluebird' LS		 plantainleaf sedge <i>Carex plantaginea</i>	 copper-shouldered oval sedge <i>Carex bicknellii</i> ES
	 wild blue phlox <i>Phlox divaricata</i> ES	 creeping phlox <i>Phlox stolonifera</i> SP-ES	 wild ginger <i>Asarum canadense</i> SP			

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun
 ☀️ FULL ☀️ PART ☀️ SHADE

Moisture
 💧 WET 💧 WET/DRY 💧 DRY

Pollinator
 🐝 🦋 🐌 🐛 🐜 🐢

Rabbit Tolerant
 🐰

🌿 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SHADE | WET | UNDER 4' TALL

MILKWEED MANIA! | A combination of and bold leaf plants to create a naturalistic look

SEASONAL THEME PLANT	 foxglove beardtongue <i>Penstemon digitalis</i> SP-ES	 common milkweed <i>Asclepias syriaca</i> MS	 swamp milkweed <i>Asclepias incarnata</i> ES	 butterfly milkweed <i>Asclepias tuberosa</i> MS
	 gray goldenrod <i>Solidago nemoralis</i> LS-F	 black-eyed Susan <i>Rudbeckia hirta</i> ES-LS	 garden phlox <i>Phlox paniculata</i> F	 aster <i>Symphotrichum spp.</i> MS-F
	BOLD LEAF PLANTS FOR GARDEN ORGANIZATION			

Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun
 ☀️ FULL ☀️ PART ☀️ SHADE

Moisture
 💧 WET 💧 WET/DRY 💧 DRY

Pollinator
 🐝 🦋 🐌 🐛 🐜 🐢

Rabbit Tolerant
 🐰

TOP TEN PERENNIALS



1
goldenrod
Solidago spp.
F ☀️



2
milkweed
Asclepias spp.
MS 🌧️ ☀️



3
aster
Symphyotrichum spp.
F 🌧️ ☀️



4
mountain mint
Pycnanthemum spp.
SP-MS 🌧️ ☀️



5
boneset
Eupatorium spp.
LS 🌧️ ☀️



6
black-eyed Susan
Rudbeckia spp.
ES-LS 🌧️ ☀️



7
beebalm
Monarda spp.
ES-MS 🌧️ ☀️



8
coneflower
Echinacea spp.
MS 🌧️ ☀️



9
yarrow
Achillea spp.
MS-LS 🌧️ ☀️



10
Joe-pye weed
Eutrochium spp.
MS-LS 🌧️ ☀️

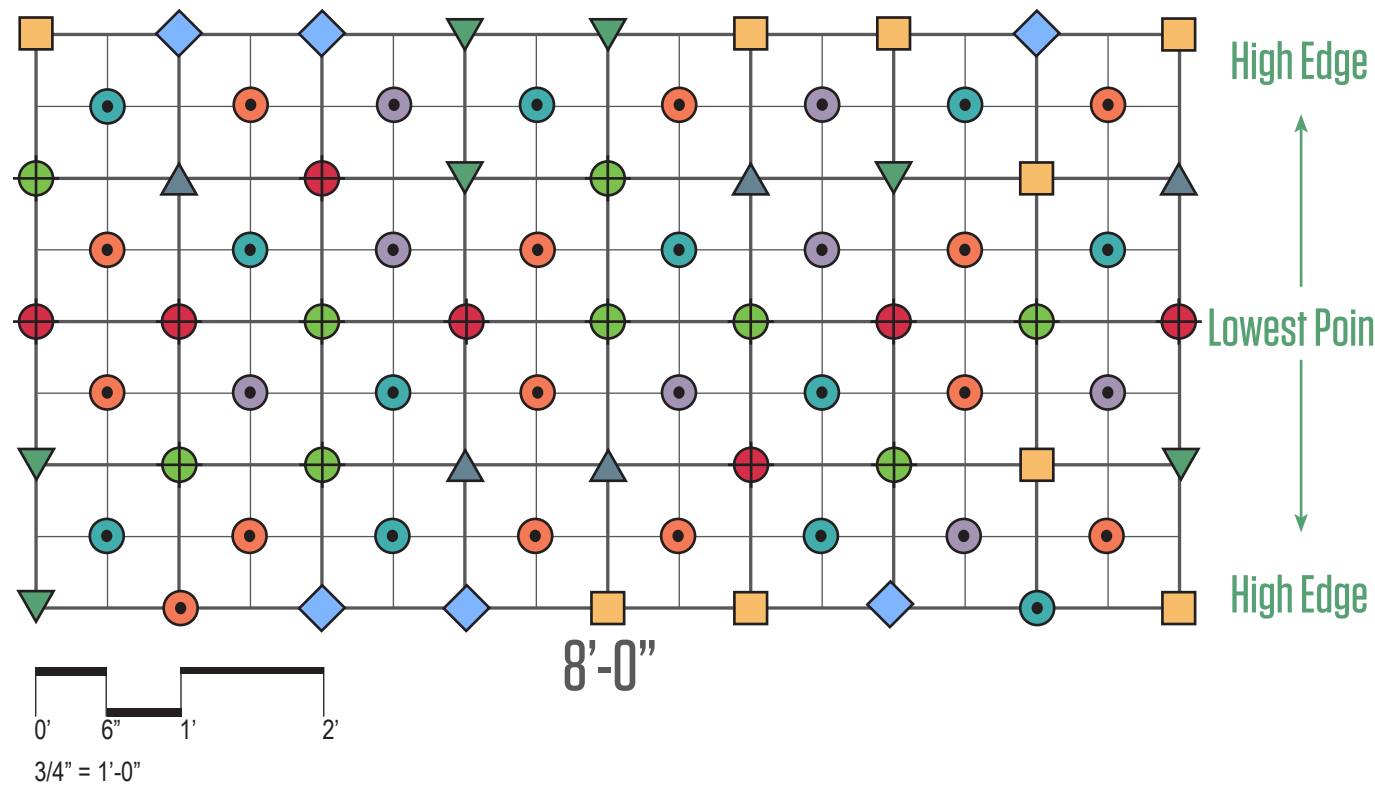
Seasonality
 SP SPRING
 ES EARLY SUMMER
 MS MID SUMMER
 LS LATE SUMMER
 F FALL
 AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY

Pollinator 🐝 🐛 🦋 🐌 🐛 🐦
Rabbit Tolerant 🐰

SUNNY BIO SHADY BIO

POLLINATOR PATCH BIOSWALE



4' x 8' Site, Plant Plugs

- Structure Plant: (9) (7)
- Seasonal Theme: (9) (5) (6) (7)
- Groundcover Plant: (13) (8) (12)

Hint: Sub seasonal theme for groundcover interchangeable!

Plant sizes: Deep landscape plugs. If using larger 1 gallon size plants, increase spacing to 18"

SUNNY BIO | BIOSWALE & RAIN GARDEN

DRY & FLOOD TOLERANT | SALT TOLERANT SUN | WET | UNDER 3.5' TALL

STRUCTURE PLANT	switchgrass <i>Panicum virgatum 'Cape Breeze'</i> LS	joe pye weed <i>Eutrochium fistulosum</i> MS		
	little bluestem <i>Schizachyrium scoparium</i> LS-F	blue flag iris <i>Iris versicolor</i> MS		
SEASONAL THEME	yarrow <i>Achillea millefolium</i> SP-ES	aster <i>Symphotrichum novae-angliae 'purple dome'</i> F		
	northern blazing star <i>Liatris scariosa var. novae-angliae</i> LS-F	seaside goldenrod <i>Solidago sempervirens</i> LS-F		
	swamp milkweed <i>Asclepias incarnata</i> ES	ironweed <i>Vernonia lettermannii 'Iron Butterfly'</i> MS		
GROUNDCOVER	purple lovegrass <i>Eragrostis spectabilis</i> LS-F	copper-shouldered oval sedge <i>Carex bicknellii</i> ES	path rush <i>Juncus tenuis</i> ES	
	virginia mountain mint <i>Pycnanthemum virginianum</i> LS	little blue-eyed grass <i>Sisyrinchium angustifolium</i> MS		
	<p>Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL</p> <p>Sun: FULL, PART, SHADE</p> <p>Moisture: WET, WET/DRY, DRY</p>		<p>Pollinator: (butterfly, bee, fly, wasp, moth, bird icons)</p> <p>Rabbit Tolerant: (rabbit icon)</p> <p>Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!</p>	
	Somerville Pollinator Action Plan Pollinator Pantry			

SOMERVILLE POLLINATOR ACTION PLAN

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SHADY BIO | BIOSWALE & RAIN GARDEN

DRY & FLOOD TOLERANT | SALT TOLERANT SHADE | WET | UNDER 4' TALL

STRUCTURE PLANT



northern sea oats
Chasmanthium latifolium

MS



blue wood aster
Symphyotrichum cordifolium

LS

SEASONAL THEME



white wood aster
Eurybia divaricata

LS



smooth aster
Symphyotrichum laeve 'Bluebird'

LS



golden ragwort
Packera aurea

SP-ES



golden Alexander
Zizia aurea

SP



fox sedge
Carex vulpinoidea

SP

Seasonality

SP SPRING
ES EARLY SUMMER
MS MID SUMMER
LS LATE SUMMER
F FALL
AN ANNUAL

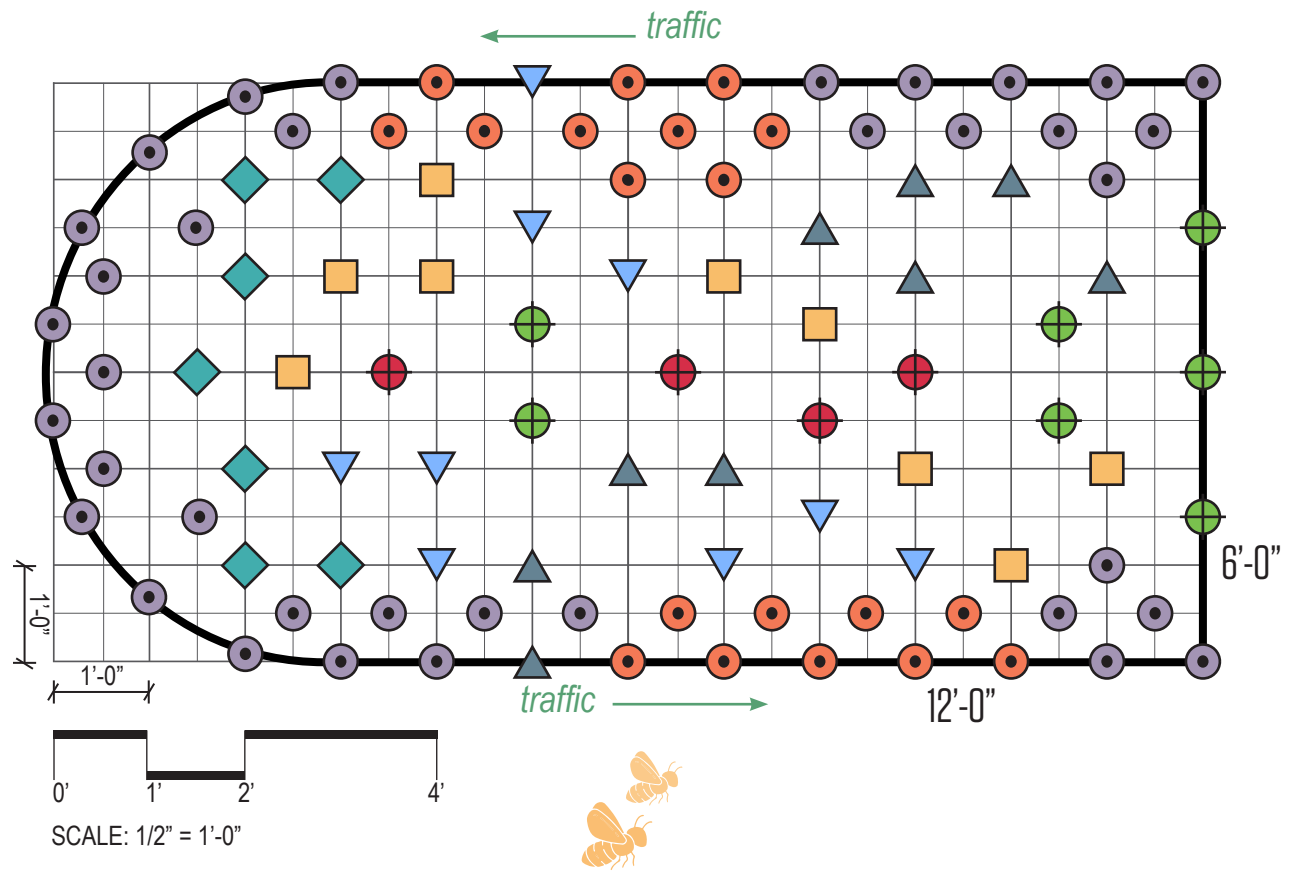
Sun FULL PART SHADE
Moisture WET WET/DRY DRY

Pollinator
Rabbit Tolerant

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

VIOLET AND GOLD

POLLINATOR PATCH STREET MEDIAN, 6'x12'



STREET MEDIAN - For City Use

Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the recipe card on the following pages that will work best for your site. Feel free to mix and match but aim to include plants that will bloom in every season!

- Structure Plant**
- (7)
 - (4)
- Seasonal Theme**
- (9)
 - (9)
 - (7)
- Groundcover Plant** (plant at 6" off center)
- (19)
 - (36)
- Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"

STREET MEDIAN | VIOLET AND GOLD

SUN | DRY | SALT TOLERANT | UNDER 3' HEIGHT

STRUCTURE PLANT	switchgrass <i>Panicum virgatum</i> 'Niagra Falls' LS ☀️ 🌧️ 🌞	anise hyssop <i>Agastache foeniculum</i> ES-F 🌧️ 🌞	blue false indigo <i>Baptisia australis</i> SP 🌧️ 🌞
	black-eyed susan <i>Rudbeckia fulgida</i> LS ☀️ 🌧️ 🌞	lance-leaved coreopsis <i>Coreopsis lanceolata</i> SP-MS 🌧️ 🌞	salvia <i>Salvia farinacea</i> 'Victoria Blue' ES-F 🌧️ 🌞
SEASONAL THEME	clustered mountain mint <i>Pycnanthemum muticum</i> SP-MS 🌧️ 🌞	short bee balm <i>Monarda didyma</i> 'Petite Delight' MS-LS 🌧️ 🌞	blue star <i>Amsonia hubrichtii/tabernaemontana</i> S-ES 🌧️ 🌞
	white heath aster <i>Symphotrichum ericoides</i> 'Snow Flurry' F 🌧️ 🌞	crinkled hairgrass <i>Deschampsia flexuosa</i> ES-F 🌧️ 🌞	

Seasonality	SP SPRING	LS LATE SUMMER	Sun ☀️ FULL ☀️ PART ☀️ SHADE	Pollinator 🐝 🦋 🐌 🐛 🐜
	ES EARLY SUMMER	F FALL	Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY	Rabbit Tolerant 🐰
	MS MID SUMMER	AN ANNUAL		🌸 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

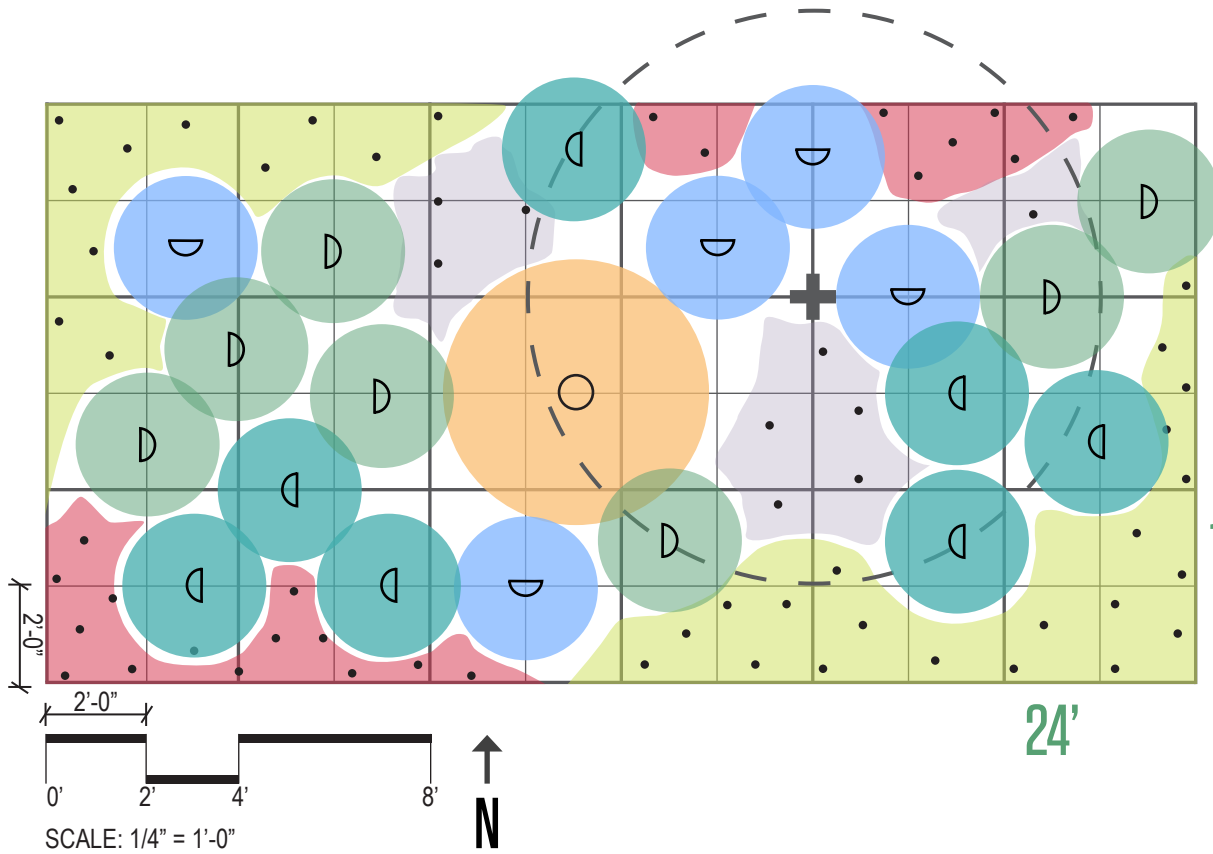
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- LAYERED CANOPY
- CLOUD GARDEN
- PIONEER PLANTS
- WATER & WONDER
- WOODY GLEN

POLLINATOR PATCH LIVING LAYERS, 12'x24'



Pick a Plant Palette!

Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the recipe card that will work best for your site.

Tree +

Shrubs

- (1)
- ◐ (5)
- ◑ (7)
- ⊖ (7)

12' Groundcover Plant

-
-
-

Hint: If you choose an evergreen for your tree, no plants underneath the canopy!

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"



SOMERVILLE POLLINATOR ACTION PLAN



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LAYERED CANOPY

TREE

redbud
Cercis canadensis

SP ☀️

GROUNDCOVER

anemone
Anemone canadensis

SP ☀️

wild geranium
Geranium maculatum

SP ☀️

SHRUBS

sweet pepperbush
Clethra alnifolia

MS ☀️

inkberry
Ilex glabra

SP ☀️

hydrangea 'Mary Nell'
Hydrangea aborescens

MS ☀️

chokeberry
Aronia spp.

SP-ES ☀️

flowering raspberry
Rubus odoratus

MS ☀️

GROUNDCOVER

wild blue phlox
Phlox divaricata

ES ☀️

creeping phlox
Phlox stolonifera

ES ☀️

- Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL
- Sun: ☀️ FULL, ☀️ PART, ☀️ SHADE
- Moisture: ☔ WET, ☔ WET/DRY, ☔ DRY

- Pollinator: 🐝, 🦋, 🦋, 🦋, 🦋, 🦋
- Rabbit Tolerant: 🐰
- Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

CLOUD GARDEN

TREE

hawthorn
Crataegus spp.

SP-ES ☀️ 🌧️ 🌱

SHRUBS (FLOWERING)

sweet pepperbush
Clethra alnifolia 'Hummingbird'

MS ☀️ 🌧️ 🌱

SUN/PART SUN | VAR. HEIGHTS

smooth hydrangea
Hydrangea aborescens 'Haas Halo'

LS-F ☀️ 🌧️ 🌱

GROUNDCOVER

anemone
Anemone canadensis

SP ☀️ 🌧️ 🌱

wild geranium
Geranium maculatum

SP ☀️ 🌧️ 🌱

SHRUBS (EVERGREEN)

inkberry
Ilex glabra

SP ☀️ 🌧️ 🌱

inkberry
Ilex glabra 'Strongbox'

SP ☀️ 🌧️ 🌱

inkberry
Ilex glabra 'Gembox'

SP ☀️ 🌧️ 🌱

Seasonality
SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️-FULL ☀️-PART ☀️-SHADE

Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY

Pollinator 🐝 🦋 🐌 🐛 🐜 🐝

Rabbit Tolerant 🐰

🌱 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

PIONEER PLANTS

TREE

eastern red cedar
Juniperus virginiana

SP ☀️ 🌧️ 🌱

black cherry
Prunus serotina

SP ☀️ 🌧️ 🌱

gray birch
Betula populifolia

SP ☀️ 🌧️ 🌱

staghorn sumac
Rhus typhina

MS ☀️ 🌧️ 🌱

SHRUB

fragrant sumac
Rhus aromatica 'Gro-Low'

SP ☀️ 🌧️ 🌱

beach plum
Prunus maritima

SP ☀️ 🌧️ 🌱

New Jersey tea
Ceanothus americanus

ES ☀️ 🌧️ 🌱

GROUNDCOVER

bearberry
Arctostaphylos uva-ursi

SP ☀️ 🌧️ 🌱

wild strawberry
Fragaria virginiana

SP ☀️ 🌧️ 🌱

barren strawberry
Waldsteinia fragarioides

ES ☀️ 🌧️ 🌱

white wood aster
Eurybia divaricata

LS ☀️ 🌧️ 🌱

Seasonality
SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️-FULL ☀️-PART ☀️-SHADE

Moisture 🌧️ WET 🌧️ WET/DRY 🌧️ DRY

Pollinator 🐝 🦋 🐌 🐛 🐜 🐝

Rabbit Tolerant 🐰

🌱 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

WATER & WONDER

TREE

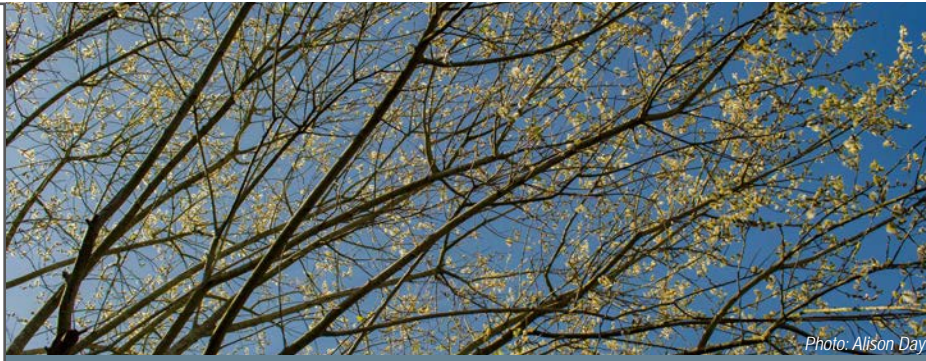


Photo: Alison Day

pussy willow
Salix discolor

SP ☀️



Photo: James Austin

serviceberry
Amelanchier spp.

SP ☀️

SHRUB



Photo: Malcom Manners

swamp rose
Rosa palustris

MS ☀️




Photo: Joe and Jeanette Archie

chokeberry
Aronia spp.

SP-ES ☀️



Photo: Plant Image Library

swamp azalea
Rhododendron viscosum

MS ☀️

SEASONAL THEME



Photo: Melissa McMasters

swamp mallow
Hibiscus moscheutos

LS ☀️



Photo: USFWS Midwest Region

spotted phlox
Phlox maculata

F ☀️

GROUNDCOVER



Photo: Doug McGrady

anemone
Anemone canadense

SP ☀️



Photo: Lydia Fravel

creeping phlox
Phlox stolonifera

ES ☀️

Seasonality
SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🦋 🦟 🦋 🦋 🦋 🦋

Rabbit Tolerant 🐇

SUN/PART SUN | WET | VAR. HEIGHTS

WOODY GLEN

TREE



Photo: Ian Martin

witch hazel
Hamamelis virginiana

F ☀️



Photo: Delaware Master Gardeners

pagoda dogwood
Cornus alternifolia

SP ☀️



Photo: Katja Schulz

spicebush
Lindera benzoin

LS-F ☀️


SHRUB



Photo: Wendy Gutter


sweet pepperbush
Clethra alnifolia 'Sixteen Candles'

MS ☀️



purple flowering raspberry
Rubus odoratus

MS ☀️



dogwood shrub
Cornus spp.

MS ☀️




Photo: Thomas Quine

blue wood aster
Symphotrichum cordifolium

LS ☀️

GROUNDCOVER



Photo: Fritz Flohr Reynolds

white wood aster
Eurybia divaricata

LS ☀️




Photo: Aaron Volkening

golden alexander
Zizia aurea

SP ☀️



Photo: Joshua Mayer

phlox
Phlox divaricata

SP ☀️




Photo: Lydia Fravel

creeping phlox
Phlox stolonifera

ES ☀️



Photo: Cranbrook Science

wild ginger
Asarum canadense

SP ☀️

Seasonality
SP SPRING
ES EARLY SUMMER
MS MID SUMMER

LS LATE SUMMER
F FALL
AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

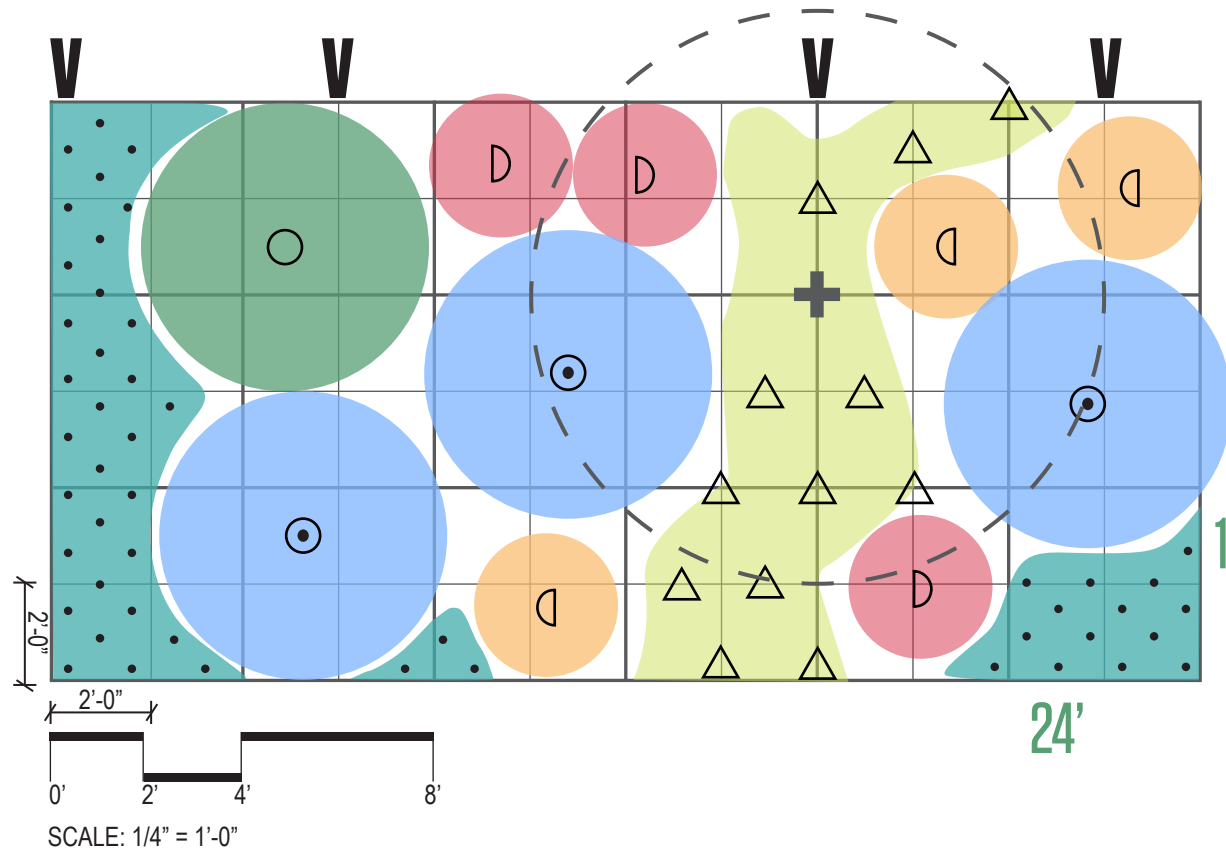
Pollinator 🐝 🦋 🦟 🦋 🦋 🦋 🦋

Rabbit Tolerant 🐇

Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

EDIBLE THICKET
FENCE LINE

POLLINATOR PATCH LIVING LAYERS, 12'x24'



Pick a Plant Palette!
Each garden is designed for a specific amount of sunlight, soil moisture, and height so be sure to pick the recipe card on the following pages that will work best for your site. Plug & play with the plants on the recipe cards with the symbols included here!

- Tree +
- Vine V
- Shrubs
 - Large ●
 - Small ◐ ◑
- Seasonal Theme ▲
- Groundcover Plant ●

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"

EDIBLE THICKET



serviceberry
Amelanchier spp.
SP ☀️



elderberry
Sambucus canadensis
LS-F ☀️



huckleberry
Gaylussacia baccata
LS-F ☀️



wild strawberry
Fragaria virginiana
ES ☀️

SUN | LOW PH | FENCE | NOT RABBIT TOLERANT



native wild grape
Vitis vinifera sylvestris
ES ☀️



high bush blueberry
Vaccinium corymbosum
ES-F ☀️



blackberry
Rubus spp.
ES-F ☀️



low bush blueberry
Vaccinium angustifolium
SP-ES ☀️

Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL

Sun: ☀️ FULL, ☀️ PART, ☀️ SHADE

Moisture: 💧 WET, 💧 WET/DRY, 💧 DRY

Pollinator: 🐝, 🦋, 🐝, 🐝, 🐝

Rabbit Tolerant: 🐰


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FENCE LINE

TREE



gray birch
Betula populifolia

SP ☀️



serviceberry
Amelanchier spp.

SP ☀️

SHRUB - LARGE



ninebark
Physocarpus opulifolius

MS ☀️



nannyberry
Viburnum lentago

SP ☀️

SEASONAL THEME



aster 'purple dome'
Symphotrichum novae-angliae


F ☀️



black-eyed Susan
Rudbeckia hirta

ES-LS ☀️

VINE



virginia creeper
Parthenocissus quinquefolia

ES ☀️

GROUNDCOVER



barren strawberry
Waldsteinia fragarioides

SP ☀️



wild strawberry
Fragaria virginiana

ES ☀️

Seasonality

SP SPRING LS LATE SUMMER
ES EARLY SUMMER F FALL
MS MID SUMMER AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE

Moisture 💧 WET 💧 WET/DRY 💧 DRY

Pollinator 🐝 🦋 🦟 🦋 🦋 🦋

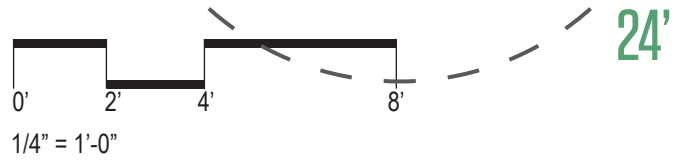
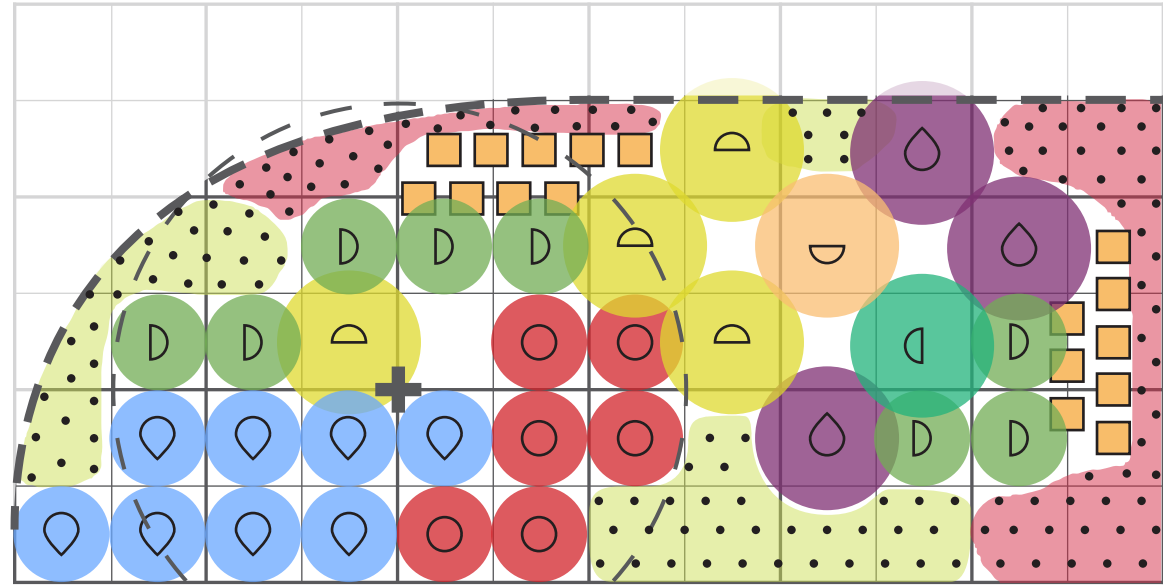
Rabbit Tolerant 🐰

🌱 Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

SUN/PART SHADE | DISTURBED SOILS | FENCE | RABBIT TOLERANT

TOP 10 WOODY

POLLINATOR PATCH 12'x24'



- Tree**
+ *Cornus alternifolia*
- Shrubs**
● *Ceanothus* ◐ *Cephalanthus* ◑ *Clethra* ◒ *Cornus* ◓ *Rose* ◔ *Spiraea alba* ◕ *Spiraea tomentosa*
- Seasonal Theme**
■ *Asclepias incarnata*
- Groundcover Plant**
● *Geranium maculatum* ● *Viola sororia*

Plant sizes: Deep landscape plugs.
If using larger 1 gallon size plants, increase spacing to 18"

TEN TOP PLANTS (WOODY!)

TREE	 pagoda dogwood <i>Cornus alternifolia</i> SP ☀️	SHRUBS	 red-osier dogwood <i>Cornus sericea</i> MS ☀️	 New Jersey tea <i>Ceanothus americanus</i> MS ☀️	 virginia rose <i>Rosa virginiana</i> MS ☀️	 buttonbush <i>Cephalanthus occ.</i> MS ☀️
	 sweet pepperbush <i>Clethra alnifolia</i> MS ☀️		 meadowsweet <i>Spiraea alba</i> MS ☀️	 steeplesh <i>Spiraea tomentosa</i> MS ☀️		
SEASONAL THEME	 swamp milkweed <i>Asclepias incarnata</i> MS ☀️	GROUNDCOVER	 common blue violet <i>Viola sororia</i> SP ☀️	 wild geranium <i>Geranium maculatum</i> SP ☀️		

Seasonality
 SP SPRING LS LATE SUMMER
 ES EARLY SUMMER F FALL
 MS MID SUMMER AN ANNUAL

Sun ☀️-FULL ☀️-PART ☀️-SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY
Pollinator 🐝 🐛 🦋 🐌 🐦 🐙
Rabbit Tolerant 🐰

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LAWN CONVERSION RECIPE CARDS

CONVERT NON-LAWN INTO A GARDEN!
PLUGGED LAWN
3' x 6'

THESE ARE MOWABLE GRASSES THAT ARE MORE BENEFICIAL TO POLLINATORS THAN BLUEGRASS!
SEEDED LAWN ALTERNATIVES (GRASSY)

THESE ARE MOWABLE GRASSES AND FLOWERS IF YOU ARE OKAY WITH A FREEDOM LAWN LOOK!
SEEDED LAWN ALTERNATIVES (FORBS)

THESE SEED MIXES CAN BE USED INSTEAD OF TRADITIONAL LAWN SEED TO PROVIDE GREATER POLLINATOR BENEFIT!
SEEDED MEADOW

Sun

SUNRISE (OVER MY LAWN!)

BLUE ESCAPE (FROM MY LAWN!)

YELLOW GLIMMER

MOW-ABLE GRASSES

OCCASIONALLY MOW-ABLE FORBS

PRE-MIXED NATIVE MEADOW SEED MIXES

Shade

SUNRISE (OVER MY LAWN!)

BLUE ESCAPE (FROM MY LAWN!)

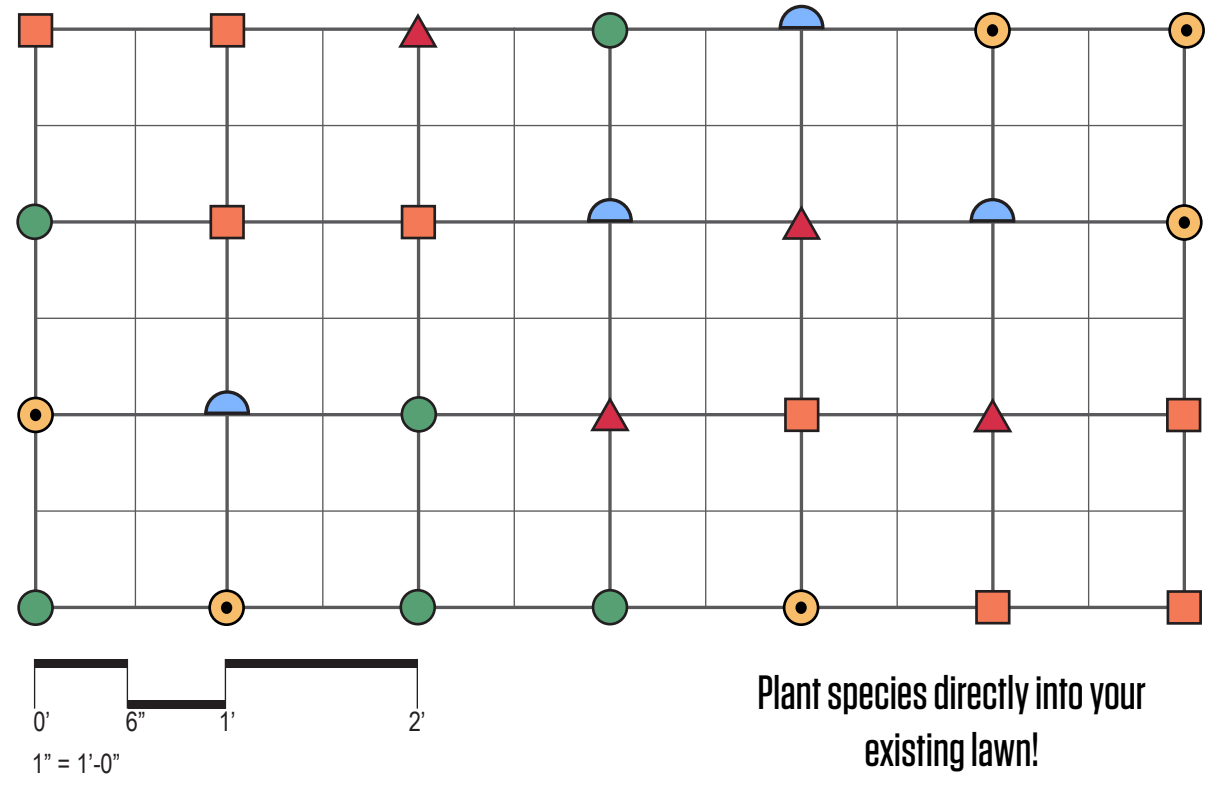
YELLOW GLIMMER

MOW-ABLE GRASSES

OCCASIONALLY MOW-ABLE FORBS

PRE-MIXED NATIVE MEADOW SEED MIXES

POLLINATOR PATCH PLUGGED LAWN CONVERSION



Lawn Plugs, 12" OC

Structural Plant Plugs

● (6) ▲ (4) ■ (7) ◐ (4)

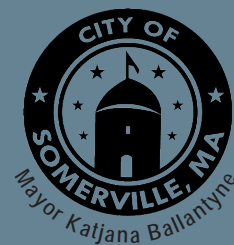
Groundcover (or sub seasonal species!)

● (6)

Pick a Plant Palette!






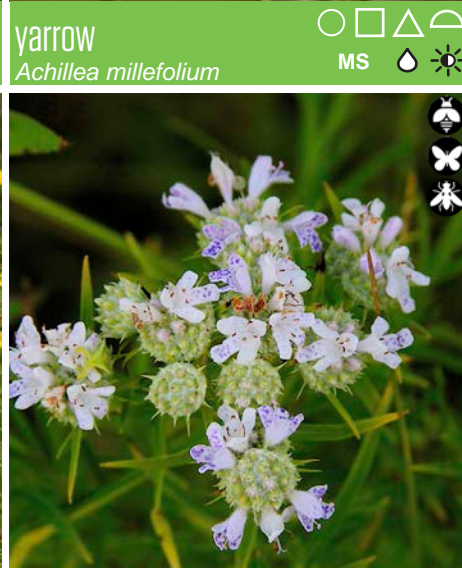

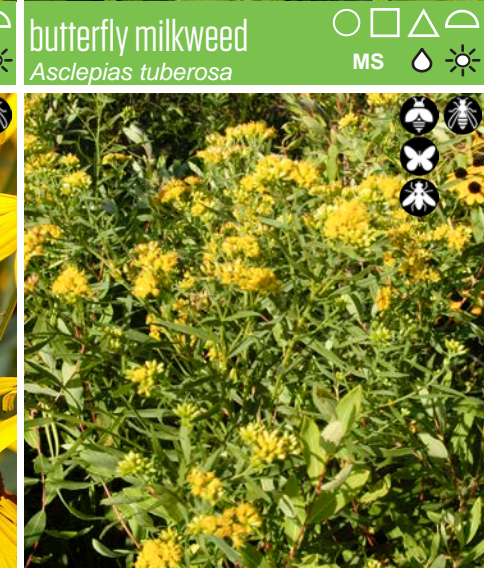
Plug your lawn with these plants to convert it into a pollinator meadow. For a more maintained look, manually remove all the grass first and then install plugs or plant directly into the lawn and let it grow out for a ma

Plant species directly into your existing lawn!






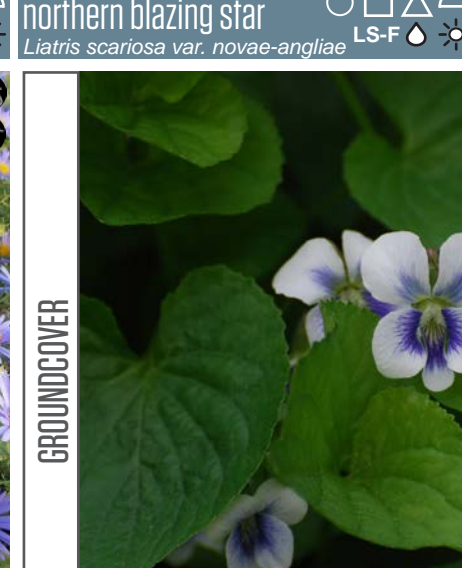
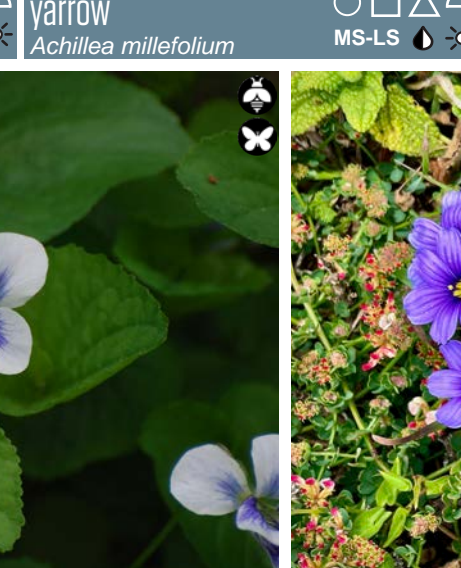


SUNRISE (OVER MY LAWN!) | Perennials to compete with rhizomatic lawn species!

SUN | DRY | LESS THAN 3'

STRUCTURAL PLANT	 golden Alexander <i>Zizia aurea</i>	 yarrow <i>Achillea millefolium</i>	 whorled coreopsis <i>Coreopsis verticillata</i>	 butterfly milkweed <i>Asclepias tuberosa</i>
	 lance-leaved coreopsis <i>Coreopsis lanceolata</i>	 slender mountain mint <i>Pycnanthemum tenuifolium</i>	 black-eyed Susan <i>Rudbeckia fulgida</i>	 grass-leaved goldenrod <i>Euthamia graminifolia</i>
	SP SPRING ES EARLY SUMMER MS MID SUMMER	LS LATE SUMMER F FALL AN ANNUAL	Sun FULL PART SHADE Moisture WET WET/DRY DRY	Pollinator Rabbit Tolerant

BLUE ESCAPE (FROM MY LAWN!) | Perennials to compete with rhizomatic lawn species! SUN | DRY/MOIST | LESS THAN 4'

STRUCTURE PLANET	 hyssop <i>Agastache 'Blue Fortune'</i>	 northern blazing star <i>Liatris scariosa var. novae-angliae</i>	 yarrow <i>Achillea millefolium</i>	 wild lupine <i>Lupinus perennis</i>	
	 aromatic aster <i>Symphotrichum oblongifolium</i>	 woolly blue violet <i>Viola sororia</i>	 little blue-eyed grass <i>Sisyrinchium angustifolium</i>		
	SP SPRING ES EARLY SUMMER MS MID SUMMER	LS LATE SUMMER F FALL AN ANNUAL	Sun FULL PART SHADE Moisture WET WET/DRY DRY	Pollinator Rabbit Tolerant	

*Nativar included as an option is well-suited to urban sites. Swap in straight species as desired!

YELLOW GLIMMER | Perennials to compete with rhizomatic lawn species!

SHADE | DRY/MOIST | LESS THAN 3'



golden alexander
Zizia aurea

STRUCTURE PLANAT



blue wood aster
Symphyotrichum cordifolium



zigzag goldenrod
Solidago flexicaulis



white snakeroot
Ageratina altissima



white woodland aster
Eurybia divaricata

GROUND COVER

Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL
 Sun: FULL, PART, SHADE
 Moisture: WET, WET/DRY, DRY
 Pollinator: [Icons for bees, butterflies, moths, beetles, birds]
 Rabbit Tolerant: [Rabbit icon]

LAWN ALTERNATIVES : MOWABLE | GRASSES | MEADOW CONVERSION

SUN | DROUGHT TOLERANT | LESS THAN 2.5'



hard fescue
Festuca brevipila



sheep fescue
Festuca ovina



sheep fescue var.
Festuca ovina var. duriuscula



blue fescue
Festuca ovina var. glauca



chewing fescue
Festuca rubra subsp. commutata



path rush
Juncus tenuis



purple lovegrass
Eragrostis spectabilis



roundseed panicum
Dichanthelium sphaerocarpon

Seasonality: SP SPRING, ES EARLY SUMMER, MS MID SUMMER, LS LATE SUMMER, F FALL, AN ANNUAL
 Sun: FULL, PART, SHADE
 Moisture: WET, WET/DRY, DRY
 Pollinator: [Icons for bees, butterflies, moths, beetles, birds]
 Rabbit Tolerant: [Rabbit icon]

LAWN ALTERNATIVES : OCCASIONALLY MOWABLE | FORBS

SUN | DROUGHT TOLERANT | LESS THAN 2.5'

SEASONAL FORBS	 <i>Achillea millefolium</i>	 <i>Symphotrichum lateriflorus</i>	 <i>Erigeron pulchellus</i>	 <i>Lobelia inflata</i>	 <i>Monarda punctata</i>
	 <i>Penstemon digitalis</i>	 <i>Pycnanthemum tenuifolium</i>	 <i>Sisyrinchium angustifolium</i>	 <i>Solidago nemoralis</i>	 <i>Viola sororia</i>
	MS-LS	F	ES-MS	MS-F	MS-F
	SP-ES	SP-MS	SP	LS-F	SP
	SP	LS	SUN	SUN	SUN
	ES	F	POLLINATOR	POLLINATOR	POLLINATOR
	MS	AN	MOISTURE	MOISTURE	MOISTURE
	SPRING	LATE SUMMER	FULL	FULL	FULL
	EARLY SUMMER	FALL	PART	PART	PART
	MID SUMMER	ANNUAL	SHADE	SHADE	SHADE

Seasonality
 SP SPRING LS LATE SUMMER
 ES EARLY SUMMER F FALL
 MS MID SUMMER AN ANNUAL

Sun ☀️ FULL ☀️ PART ☀️ SHADE
Moisture 💧 WET 💧 WET/DRY 💧 DRY
Pollinator 🐝 🐝 🦋 🦋 🦋 🦋
Rabbit Tolerant 🐰 🐰

LAWN ALTERNATIVES SEED MIXES | NO MOW



No Mow Lawn Grass Seed | American Meadows

This mix of dwarf fine fescue grasses will grow to create a thick, deep green carpet of finely textured turf. The grasses grow densely with deep roots, creating a lawn that is durable and drought-tolerant, ideal for high traffic areas. Mow once a month or less.
 5 lbs covers 1,000 sq ft.
 10 lbs covers 2,000 sq ft.

<https://www.americanmeadows.com/product/grass-and-groundcover-seeds/no-mow-lawn-grass-seed>

This is a cool season grass mix, featuring six dwarf fine fescue grasses: Jamestown Chewing Fescue, Quatro Sheep Fescue, Sea Link Slender Fescue, Sword Fescue, Aurora Fescue, and Kent Creeping Fescue



No Mow Lawn Seed Mix | Prairie Nursery

No Mow Lawn is a drought tolerant, low-maintenance grass that needs mowing only once or twice a year. Once fully established, No Mow requires very little water, due to a large dense root system. No Mow grows actively in spring and fall. Once fully established, No Mow requires very little water, due to a large dense root system. Moderate foot traffic is well tolerated and No Mow grows well in most soil types and light conditions. However, consistently moist soils and heavy clay soils should be avoided.

<https://www.prairienursery.com/no-mow-lawn-seed-mix.html>

A blend of cool-season fescue grasses - mature height of 6" to 1' if un-mown (varieties not specified)

LAWN ALTERNATIVES SEED MIXES | LOW MOW



Photo: 'Helia Nurseries', Lisa Vollmer Photography, helianativenursery.com

Native Low Mow Lawn Mix | Helia Native Nursery

This lawn mix is an ecologically-friendly version of the traditional American lawn, replacing exotic & resource-depleting species with non-invasive alternatives. Results in a beautiful lawn that requires less mowing, needs little watering, grows in full- to part-sun, & thrives without fertilizer.

Seed Provider Installation Instructions: Remove all vegetation in the area you want to seed. Rake smooth & spread seed on bare soil. Tamp to ensure good soil contact. Do not rake; lightly cover with straw. Water the seeds lightly each day until they emerge. Water as needed, once wildflowers & grasses have germinated. Seeds can be spread any time of year, as long as they are consistently watered. Ideal times are Spring or Fall. Not all seeds will germinate the first year - some need a winter to cold stratify. Spread with Love & Enjoy!

<https://www.helianativenursery.com/availability-and-price-list>

Consists of:
Winter, Autumn, and Rough Bent Grass, Tall Fescue, Creeping Red Fescue, Chewings Fescue, and Purple Top.



Photo: 'Mowed and Unmowed Eco-Lawn', Eartheasy, eartheasy.com

Low Maintenance Eco-Lawn | Wildflower Farm

- Develops deep roots to source water and nutrients naturally
- Attractive erosion control on steep, unmowable slopes
- Rich dark green colour
- Salt tolerant
- Ideal low maintenance turf
- Naturally adapted to a broad range of soils and climates
- Fast germination and early spring green-up
- Highly drought tolerant, reduces irrigation 50-100%
- Slow growing - reducing mowing by at least 50%
- Grows well in full sun, part shade and even deep shade
- High levels of endophyte for increased insect resistance
- Little to no fertilizers required

<https://www.wildflowerfarm.com/eco-lawn.html>

Consists of:
Slender Creeping Red Fescue (Festuca rubra trichophylla) Creeping Red Fescue (Festuca rubra subsp. rubra) Hard Fescue (Festuca brevipila) Sheep Fescue (Festuca ovina subsp. glauca) Chewings Fescue (Festuca rubra subsp. fallax)



Photo: '767 Eco Lawn Green Path at Lavendar Farm', PT Lawn Seed, ptlawnseed.com

767 Dog Park Eco-Lawn Mix | PT Lawn

This is the lawn alternative for dog owners and Parks & Rec departments (dog not required). Premium turf-type tall fescue varieties and Microclover® provide wear and drought tolerance. The tall fescues' rhizomatous 'self-repairing' growth patterns and Microclover's salt tolerance helps reduce the effects of pet urine. A bit of vigorous perennial ryegrass rounds out the mix. Dog Park is a great choice for any high traffic area where drought tolerance and Rhizomatous Tall Fescue attributes are desired. Full sun to dappled shade.

This lawn can be maintained at a 2 inch height for a manicured look or up to 4 inches to let the clover bloom in the summertime.

Features & Benefits: drought tolerant, wear tolerant, nitrogen-fixing, effective for overseeding of existing tall fescue sod.

Establish Dog Park in areas that get four or more hours of sun; once established Dog Park has some shade tolerance. For shadier sites that get less than four hours of sunlight, check out PT 769 R&R Eco-Turf Mix.

<https://ptlawnseed.com/collections/drought-tolerance/products/pt-767-dog-park-eco-turf-mix>

Consists of:
Rhizing Moon Tall Fescue - Festuca arundinacea 'Rhizing Moon', Bloodhound Tall Fescue - Festuca arundinacea, Foxhound Tall Fescue - Festuca arundinacea, Tetrarak Perennial Ryegrass - Lolium perenne, Microclover® - Trifolium repens var Pipolina ssp Microclover

LAWN ALTERNATIVES SEED MIXES | GRASS WITH FORBS



Photo: '755 Fleur de Lawn Pro Time Lawn Seed', PT Lawn Seed, ptlawnseed.com

755 Fleur de Lawn | PT Lawn

Fleur de Lawn® is the original flowering eco-lawn seed mix, inspired by the natural lawns of the New England countryside. We collaborated with Oregon State University to develop this earth-friendly, time and water saving lawn alternative. Hand-mixed in small batches in our Portland shop.

Fleur de Lawn features perennial pink and white English daisies, both single and double petal. Enjoy blooms from late winter to mid-summer. Strawberry and Dutch white clovers and a special variety of dwarf yarrow add exceptional year-round green color. The clovers also naturally feed the lawn with nitrogen, eliminating the need for fertilizers. Beautiful but also durable and drought tolerant, Fleur outperforms grass-only conventional turf as a low-input and low-maintenance lawn.

Not recommended for over seeding into an established lawn. For best results plant on bare soil in areas that get 4+hours of direct sunlight. Do not topdress (cover) seed. Mow about once a month to keep plants in balance. Maintain as high as 5 inches for a mini-meadow look or 3 inches for a more manicured lawn.

<https://ptlawnseed.com/collections/drought-tolerance/products/fleur-de-lawn?variant=141703872>

Consists of: Perennial Ryegrass - Lolium perenne, Hard Fescue - Festuca trachyphylla, Quatro Tetraploid Sheep Fescue - Festuca ovina 'Quatro', White Yaak Yarrow - Achillea millefolium 'Yaak', White Clover - Trifolium repens, English Daisy - Bellis perennis, Sweet Alyssum - Lobularia maritima (annual), Baby Blue Eyes - Nemophila menziesii (annual), Strawberry Clover - Trifolium fragiferum

LAWN ALTERNATIVES SEED MIXES | MEADOW SEED MIXES



Berkshire Meadow Mix | Helia Native Nursery

Up to 5'-0" High! Attracts a wide range of pollinators and needs full sun to part sun (at least 6 hours direct sun a day). Ideal for salt run-off areas, hot locations, poor soil and dry areas.

0.25 oz. will cover 45 square feet
1 oz. covers 175 square feet
1 lb. covers 2,000 square feet

<https://www.helianativenursery.com/availability-and-price-list>

Species included: Common Milkweed, Orange Butterflyweed, Nodding Bur Marigold, Blunt Broom Sedge, Partridge Pea, Showy Tick Trefoil, Purple Joe-Pye, Ox-Eye Sunflower, Vanilla Sweet Grass, Great Blue Lobelia, Wild Blue Lupine, Wild Bergamot, Spotted Bee Balm, Evening Primrose, Tall White Beardtongue, Black Eyed Susan, Little Bluestem, Showy Goldenrod, Smooth Blue Aster, New England Aster, Heath Aster, Purple Stemmed Aster & Golden Alexander.

Photo: "Eco-tour: Exploring the Demonstration Meadows at Helia Native Nursery," ELA, ecolandscaping.org

Native Northeast Wildflower Seed Mix | American Meadows

Up to 5'-0" High! Long lasting blend of native Northeast wildflowers that will give color all season long. This mixture contains 18 different varieties including New England Aster, Red Columbine, Butterfly Weed and Joe-Pye Weed. Perfect for that hard to mow hillside or just wanting to turn your lawn into a meadow, this mix is a solution.

1/4 lb covers 250-500 sq ft.
1/2 lb covers 500-1,000 sq ft.
1 lb covers 1,000-2,000 sq ft.

<https://www.americanmeadows.com/product/wildflower-seeds/native-northeast-wildflower-seed-mix>

Species included: Eastern Red Columbine, Swamp Milkweed, Butterfly Weed, New England Aster, Partridge Pea, Lance-Leaf Coreopsis, Spotted Joe Pye Weed, Indian Blanket, Ox-Eye Sunflower, Blazing Star or Gayfeather, Wild Lupine, Wild Bergamot, Evening Primrose, Beard Tongue, Black-eyed Susan, Sweet Black Eyed Susan, Brown-eyed Susan, Rigid Goldenrod

Photo: "Native Northeast Wildflower Seed Mix," American Meadows, americanmeadows.com

LAWN ALTERNATIVES SEED MIXES | MEADOW SEED MIXES



Pollinator Palooza Seed Mix | Prairie Moon Nursery

Prairie Moon Nursery offers this seed mix in cooperation with the "Bring Back the Pollinators" campaign of the non-profit Xerces Society (<https://xerces.org/>). Designed for full-sun to partial-shade sites with medium soils, this mixed-height mix boasts grasses and most wildflowers at 3', with some flowers reaching 6' at full bloom. Bloom times progress spring through fall. Our Pollinator-Palooza Seed Mix moves beyond more common pollinator mixes by offering plants that appeal to a broad array of pollinating insects. Included in the 45 species are some not commonly available like Late Figwort and Hairy Mountain Mint.

<https://www.prairiemoon.com/pollinator-palooza-seed-mix>

Species included: Anise Hyssop, Nodding Onion, Rose Milkweed, Common Milkweed, Butterfly Weed, Whorled Milkweed, White Wild Indigo, Partridge Pea, Lance-leaf Coreopsis, Purple Prairie Clover, Pale Purple Coneflower, Purple Coneflower, Rattlesnake Master, Biennial Guara, Cream Gentian, Showy Sunflower, Round-headed Bush Clover, Meadow Blazing Star, Prairie Blazing Star, Great Blue Lobelia, Wild Bergamot, Stiff Goldenrod, Wild Quinine, Foxglove Beardtongue, Hair Mountain Mint, Mountain Mint, Yellow Coneflower, Black-eyed Susan, Brown-eyed Susan, Early Figwort, Wild Senna, Early Goldenrod, Showy Goldenrod, Smooth Blue Aster, Ohio Spiderwort, Blue Vervain, Culver's Root, Golden Alexanders, Side-oats Grama, Field Oval Sedge, Canada Wild Rye, Dudley's Rush, Little Bluestem, Rough Dropseed, Prairie Dropseed.

Photo: "Pollinator Palooza Seed Mix Year 3," Prairie Moon Nursery, prairiemoon.com/pollinator-palooza-seed-mix



Native Perennial Pollinator Wildflower Seed Mix | Vermont Wildflower Farm

A mixture of native wildflowers that provide food and shelter for pollinators. These native wildflowers are all perennials. They will come back year after year once established. Hand packed with 100% pure, fresh wildflower seed (non-GMO & neonicotinoid/chemical free) Mix of 22 perennials with long lasting bloom. Other Features: Easy to grow, adapts to various soil conditions, excellent for all pollinators, low maintenance once established, long bloom time, cut flowers, mass plantings, drought tolerant, native.

1 lb covers 1,000-2,000 sq ft
15-20 lbs per acre

<https://www.vermontwildflowerfarm.com/products/native-perennial-pollinator-mix>

Species included: Lanceleaf Coreopsis, Butterfly Weed, Purple Coneflower, Tall White Beardtongue, Black-eyed Susan, Partridge Pea, Blue Vervain, Smooth Blue Aster, Blazing Star, Swamp Milkweed, New England Aster, Wild Seena, Ohio Spiderwort, Golden Alexanders, Wild Bergamot, White Avens, Narrowleaf Mountain Mint, Blue False Indigo, Roundhead Lespedeza, Boneset, Joy-Pye Weed, White Snakeroot.

Photo: "Native Perennial Wildflower Seed Mix," Vermont Wildflower Farm, vermontwildflowerfarm.com

LAWN ALTERNATIVES SEED MIXES | MEADOW SEED MIXES



Mesic to Dry Native Pollinator Mix w/o Grasses | Prairie Moon Nursery

This mix contains native forbs common in the Northeast. Excellent for wildlife food and shelter, including pollinators. Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

<https://www.ernstseed.com/product/mesic-to-dry-native-pollinator-mix-w-o-grasses/>

Species included: Purple Coneflower, Tall White Beardtongue, Blue Vervain, Lanceleaf Coreopsis, Blackeyed Susan, Oxeye Sunflower, Roundhead Lespedeza, Golden Alexanders, Partridge Pea, Wild Senna, Swamp Milkweed, Heath Aster, Blue False Indigo, Calico Aster, Browneyed Susan, Boneset, Wild Bergamot, Hoary Mountainmint, Common Milkweed, White Goldenrod, Gray Goldenrod, Early Goldenrod, Wrinkleleaf Goldenrod

Photo: Pollinator Palooza Seed Mix Year 3, Prairie Moon Nursery, prairiemoon.com/pollinator-palooza-seed-mix