

The insects that pollinate our food crops and natural areas are in steep decline. Our suburban landscapes are more important than ever in supporting them. Even small changes in your landscape and neighborhood can help build native, natural corridors that provide food, nesting and other resources for insect pollinators.

No place for a garden? No problem! You can create a small oasis for pollinator insects planting pots with Florida's native wildflowers.

Easy and fun!

Starting your own pollinator pot is an easy and fun way to provide a stopover for local pollinators while helping to "connect the dots" to nearby wildflowers and natural areas.

Your pots can be seasonal or may offer year-round benefits through plants that bloom at different times.

When you use Florida's native wildflowers, your pollinator pot will attract a variety of insects, including butterflies, native and honey bees, flies and beetles. When they feed on a flower's nectar, they inadvertently pick up pollen on their legs and body parts. As they visit new areas, this pollen will be distributed to other plants of the same species to complete the pollination process, resulting in seeds and fruit.



Getting started

Container selection Use a variety of pot sizes, from 1 gallon to 5 to 7 gallons. Drainage in container gardens is very important in order to avoid plant root rot, so look for pots with a large hole in the bottom or five to seven smaller holes. Look for pots that have saucers or purchase them separately to place under pots to catch runoff and extend soil moisture. If you plan to grow moisture-loving species, choose pots with limited or no drainage.

Site selection Plan to group your pollinator pots to create a visual "hotspot" that is easily seen by potential insect visitors. Sunny pollinator gardens need four to six hours of direct or indirect light daily. Shady pollinator gardens also can attract pollinators, but plants will bloom best if they get two to three hours of filtered sunlight.

Soil Use potting soil made with crushed pine bark and peat or media designed for vegetable grow

boxes. A light mulching of pine straw or leaves can help the soil retain moisture. Fill the pot with soil then water to saturate it before planting.

Plant selection A complete pollinator garden will provide blooming wildflowers in spring, summer and fall, so plan to mix plants in large pots or use a single species per separate pot for each season. If mixing plants in large pots, it is important to choose plants with similar moisture needs.

Select three to five species of varying heights for large pots. You also can add low-growing groundcovers, grasses or a vine.

Consult the back of this publication for a list of wildflowers that grow well in pots throughout Florida. For a more comprehensive list, visit FlaWildflowers.org/pollinator-pot. Your local native plant nursery can also provide suggestions.

Maintenance

Potted plants dry out faster than in-ground plantings, so give pots a good watering once or twice a week as needed. Larger pots may need less-frequent watering.

As your potted garden matures, it will go through natural cycles. After flowers mature and seed sets, perennials can be cut to their base for regrowth or replaced with fresh plants. Promote repeated flowering by deadheading flowers. Trim sparse plants to increase new leaf growth.

Wildflowers in nature and in-ground gardens do not require fertilizer, but a low concentration of a balanced liquid or solid fertilizer can be applied if your pollinator pot plants appear undernourished.

Observing pollinators

Watching the evolution of your pollinator pot and the variety of insects that it attracts can be both relaxing and fun! Learn to identify visitors to your pollinator garden with these helpful resources:

- Florida Wildflower Foundation's "Know Your Native Pollinator" profiles: www.FlaWildflowers.org/pollinators
- Florida Museum of Natural History: www.floridamuseum.ufl.edu/wildflowers/
- iNaturalist: www.iNaturalist.org
- BugGuide: BugGuide.net
- UF/IFAS Featured Creatures: entnemdept.ufl.edu/creatures/

Great plants for pots

Group plants by sun and soil moisture needs for best success.

| Common name | Scientific name | Light | Color of bloom | Bloom season | Soil moisture | Hardiness zone | Growth habit | Pollinator/Bird use |
|------------------------|-----------------------------------|-------|----------------|--------------|---------------|----------------|--------------|---------------------|
| White swamp milkweed | <i>Asclepias perennis</i> | | | | | 8A-9B | 1-2 ft | |
| Water hyssop | <i>Bacopa</i> spp. | | | | | 8B-11 | 3-4 in | |
| Browne's savory | <i>Clinopodium brownei</i> | | | | | 8A-11 | 3-4 in | |
| Mistflower | <i>Conoclinium coelestinum</i> | | | | | 8A-11 | 2-3 ft | |
| Lanceleaf tickseed | <i>Coreopsis lanceolata</i> | | | | | 8A-10A | 12-30 in | |
| Leavenworth's tickseed | <i>Coreopsis leavenworthii</i> | | | | | 8A-11 | 1-3 ft | |
| Swamp twinflower | <i>Dyschoriste humistrata</i> | | | | | 8A-9B | 2-3 in | |
| Beach verbena | <i>Glandularia maritima</i> | | | | | 8B-11 | 6-12 in | |
| Scorpionstail | <i>Heliotropium angiospermum</i> | | | | | 8B-11 | 6-10 in | |
| Scarlet hibiscus | <i>Hibiscus coccineus</i> | | | | | 8A-11 | 3-7 ft | |
| Skyflower | <i>Hydrolea corymbosa</i> | | | | | 8B-10B | 2-4 in | |
| Blazing star | <i>Liatris</i> spp. | | | | | 8A-11 | 2-4 ft | |
| Coral honeysuckle | <i>Lonicera sempervirens</i> | | | | | 8A-10B | vine | |
| Purple passionvine | <i>Passiflora incarnata</i> | | | | | 8A-10B | vine | |
| Corkystem passionvine | <i>Passiflora suberosa</i> | | | | | 8B-11 | vine | |
| Frogfruit | <i>Phyla nodiflora</i> | | | | | 8A-11 | 2-4 in | |
| Narrowleaf silkgrass | <i>Pityopsis tracyi</i> | | | | | 8A-11 | 1-3 ft | |
| Black-eyed Susan | <i>Rudbeckia hirta</i> | | | | | 8A-11 | 1-4 ft | |
| Carolina wild petunia | <i>Ruellia caroliniensis</i> | | | | | 8A-10B | 6-18 in | |
| Tropical sage | <i>Salvia coccinea</i> | | | | | 8A-10B | 1-3 ft | |
| Southern river sage | <i>Salvia misella</i> | | | | | 9A-11 | 3-9 in | |
| Twinevine | <i>Sarcostemma clausum</i> | | | | | 9B-11 | vine | |
| Goldenrod | <i>Solidago</i> spp. | | | | | 8A-11 | 2-6 ft | |
| Porterweed | <i>Stachytarpheta jamaicensis</i> | | | | | 9B-11 | 1-3 ft | |
| Spiderwort | <i>Tradescantia ohiensis</i> | | | | | 8A-10A | 15-24 in | |

Visit www.PlantRealFlorida.org to find a nursery near you or one that mails plants. For seeds, visit www.FloridaWildflowers.com. To identify which hardiness zone you live in, go to PlantHardiness.ars.usda.gov.

Light Full sun Partial sun/shade Full shade **Bloom season** Winter Spring Summer Fall **Soil moisture** Dry Moist Wet

Pollinator/Bird use Larval host Butterflies Bees, other pollinators Birds Hummingbirds **Bloom color** keys are meant as general guides; exact colors will vary.