Theme Gardens for Pollinators

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Who are the pollinators?

Approaches to gardening for pollinators

Incorporating plants into existing landscape

1. Grow more flowers for pollinators.
2. Protect habitat for nesting and resting.
3. Reduce or eliminate pesticide use.
4. Spread the word.
A dedicated garden space

Head over heels: creating a meadow

Maybe a little meadow?

Fundamentals of pollinator habitat

Flowers: Attract, Reward and Repeat.
Rewards

Calling all hummingbirds!

For butterflies, grow host plants (caterpillar food) and nectar sources.

Include different flower shapes, colors, sizes and bloom times.

Aim for Year-round Flowers
Planting in drifts or masses

How about hybrids and cultivars?

Select single over double flowers.

In the herb garden
Plant more native plants

Pollen specialist Melissodes denticulata on Vernonia

Specialist mining bee, Andrena asteris on Symphyotrichum (Aster) with 7 specialist bees

Specialist polyester bee, Colletes simulans
On goldenrod: 11 specialist bees

Specialist mining bee, Andrena wellesleyana
On Willow (Salix): 11 specialist bees

What Bees Get from Trees
Create layers in the garden

Best perennials for pollinators
### Top native perennials for pollinators

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
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</thead>
<tbody>
<tr>
<td>Agastache spp.</td>
<td>Hyssop</td>
</tr>
<tr>
<td>Asclepias spp.</td>
<td>Milkweed</td>
</tr>
<tr>
<td>Echinacea purpurea</td>
<td>Purple coneflower</td>
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<tr>
<td>Eryngium yuccifolium</td>
<td>Rattlesnake master</td>
</tr>
<tr>
<td>Eupatorium perfoliatum</td>
<td>Common boneset</td>
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<tr>
<td>Eutrochium spp.</td>
<td>Wild bergamot</td>
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<tr>
<td>Penstemon digitalis</td>
<td>Beardtongue</td>
</tr>
<tr>
<td>Pyrethrum spp.</td>
<td>Mountainmint</td>
</tr>
<tr>
<td>Rubus parviflorus</td>
<td>Berg constflower</td>
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<tr>
<td>Salvia spp.</td>
<td>Salvia</td>
</tr>
<tr>
<td>Symphytum spp.</td>
<td>Aster</td>
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<tr>
<td>Verbesina alternifolia</td>
<td>Wingstem</td>
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<tr>
<td>Veronica spp.</td>
<td>Creosote</td>
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<tr>
<td>Veronicas tricarinata</td>
<td>Culver's root</td>
</tr>
</tbody>
</table>

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**In the vegetable garden**

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**The shady garden**

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**Plants for bumble bees**
Rethink “weeds.”
Many provide food for pollinators.

Hardy bulbs

Protect habitat for nesting and resting.

Leave stems for small nesting bees.
Protect bare soil.
Reduce or eliminate pesticide use.
Resources to Learn More

The Xerces Society for Invertebrate Conservation
www.xerces.org

Pollinator Partnership
www.pollinator.org

Ohio State Bee Lab
beelab.osu.edu

http://go.osu.edu/helpbees

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