

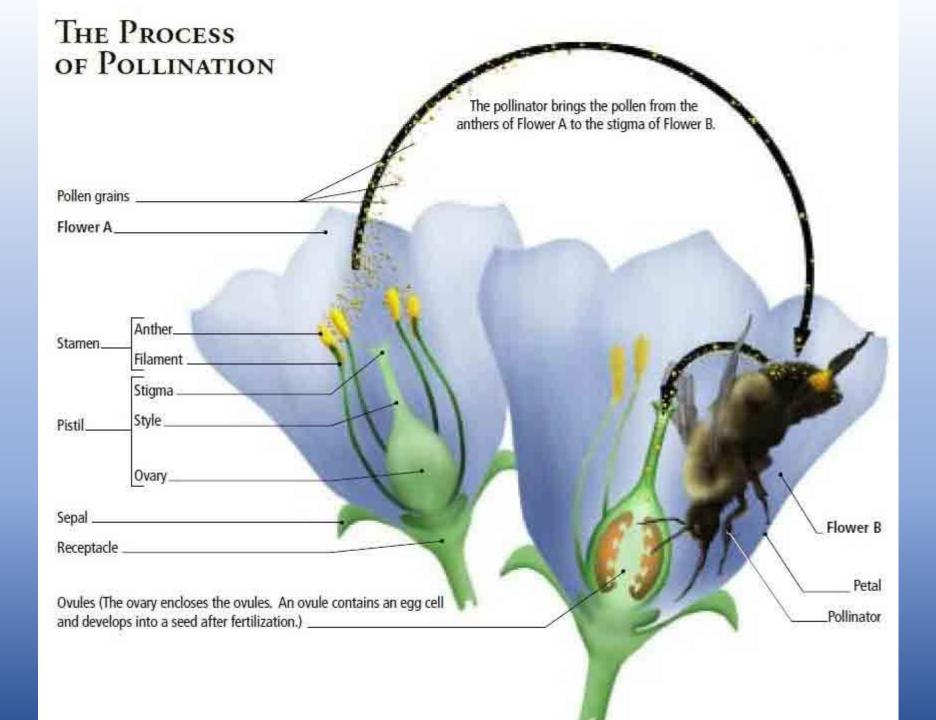
Attracting Pollinators

Amy Aldenderfer,
County Extension Agent for Horticulture
Hardin County, Kentucky



Why are pollinators important?





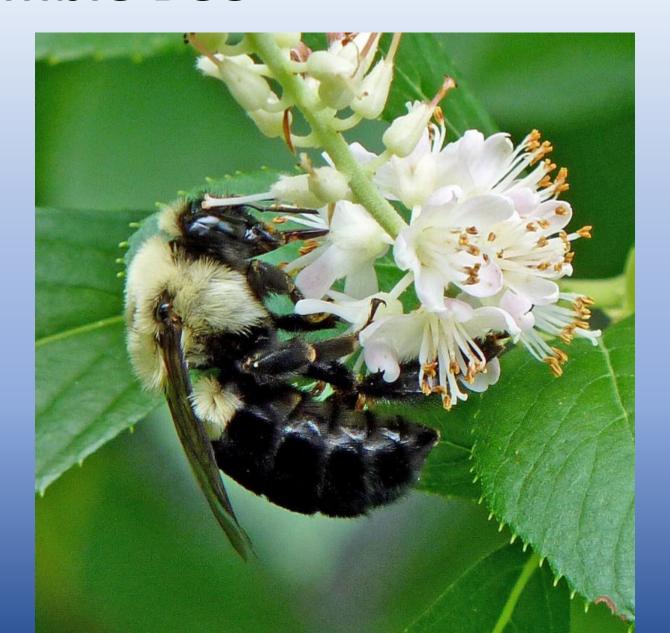
Meet the Pollinators



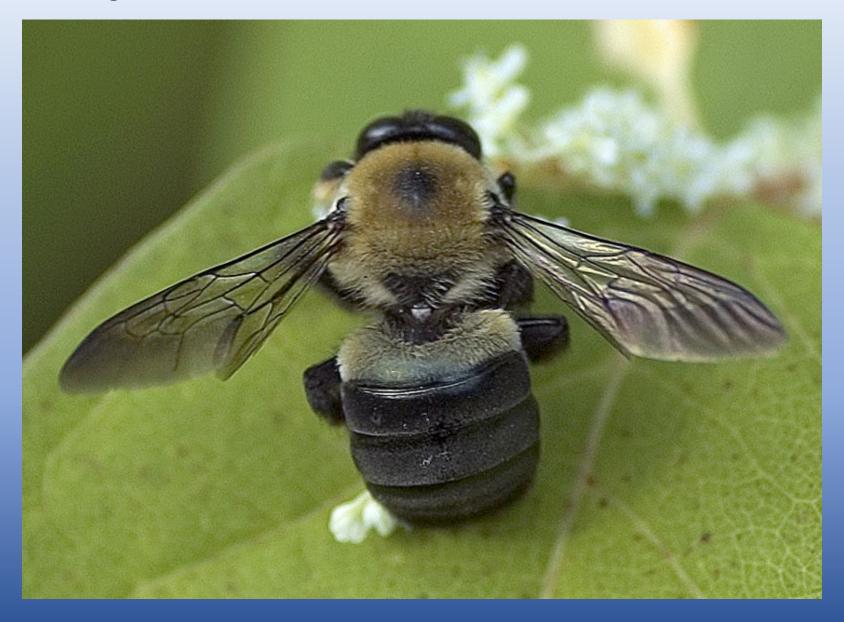
Bats



Bumble Bee



Carpenter Bee







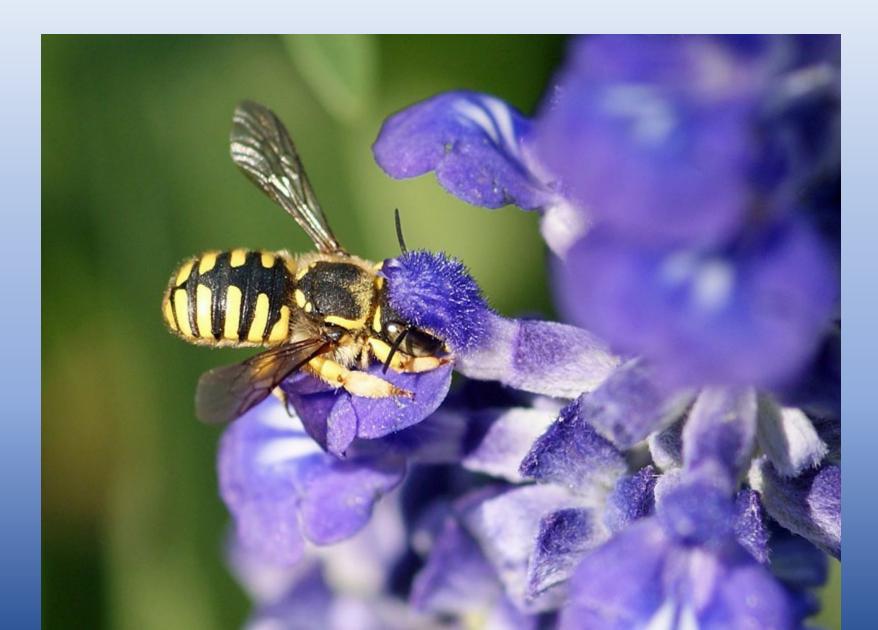
Mason Bees



Mason Bee



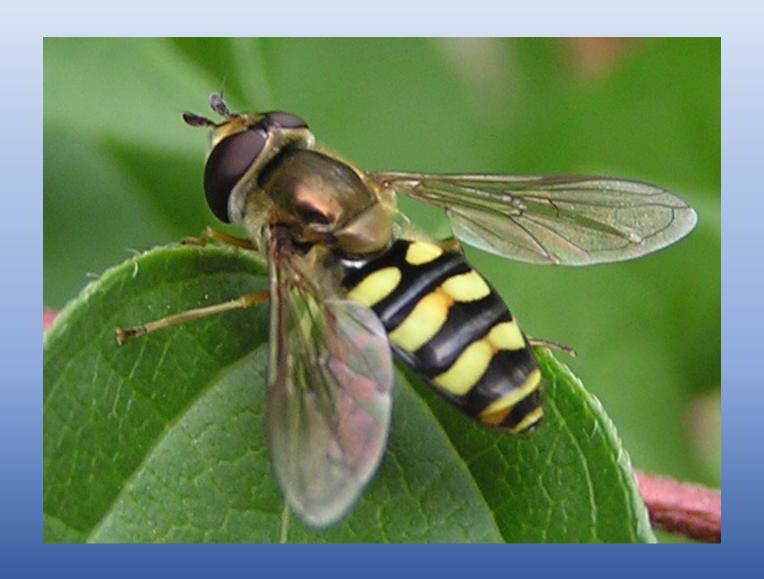
Wool Carder Bees



Honey Bee



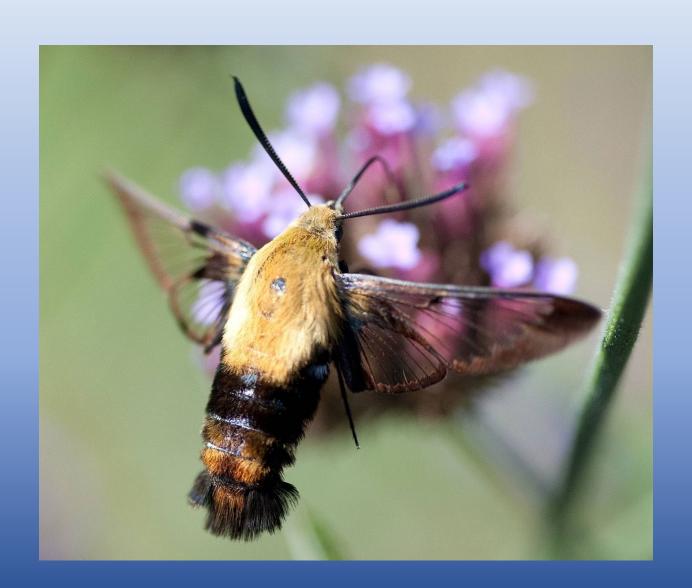
Hover Flies



Hover Fly Larva



Hummingbird Moth



Hummingbird Moth Larvae



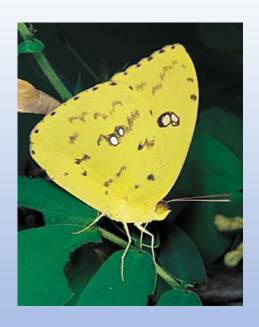
Butterflies





Cloudless Sulfur

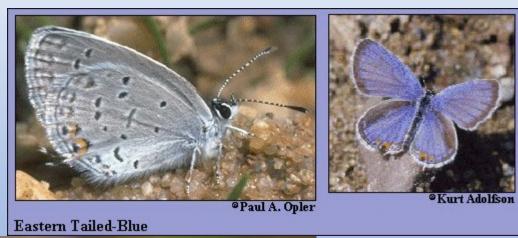




Larval Host Plants: sennas, partridge pea

Adult Host Plants: Bougainvillea, hibiscus, morning glory, lantana, cardinal flower

Eastern Tailed Blue





Larval Host Plants: Clover, Bush Clover, Bean, Tick-trefoil, Wild Pea

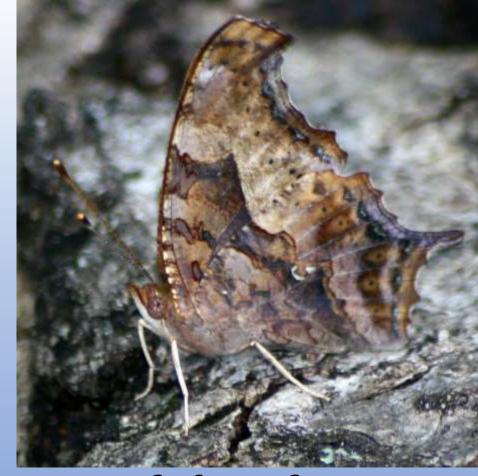
Adult Host Plants: Legumes, flower nectar and mud





Question Mark

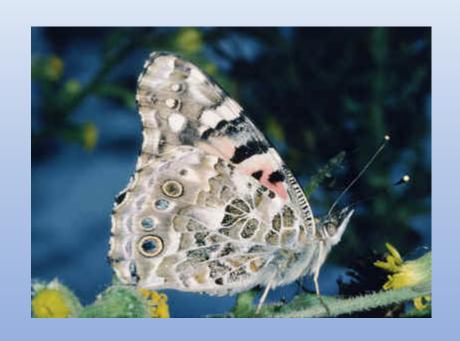




Larval Host Plants: elm, hackberry, nettles

Adult Host Plants: rotting fruit, tree sap, dung, carrion

Painted Lady







Larval Host Plants: more than 100 host plants

Adult Host Plants: nectar from composite flowers 3-6' high

Soldier Beetle



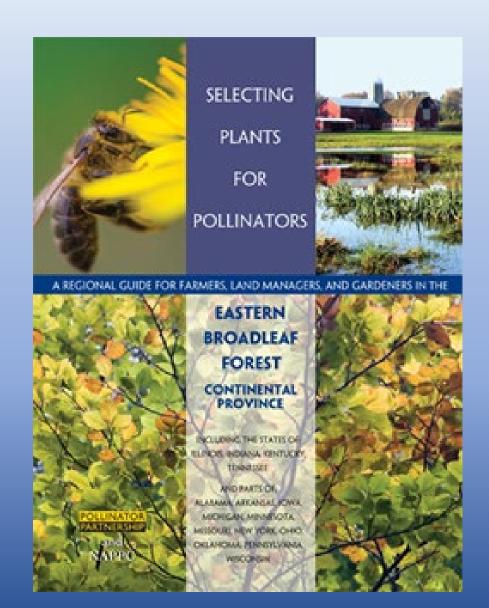


What can you do?

Plant a Garden

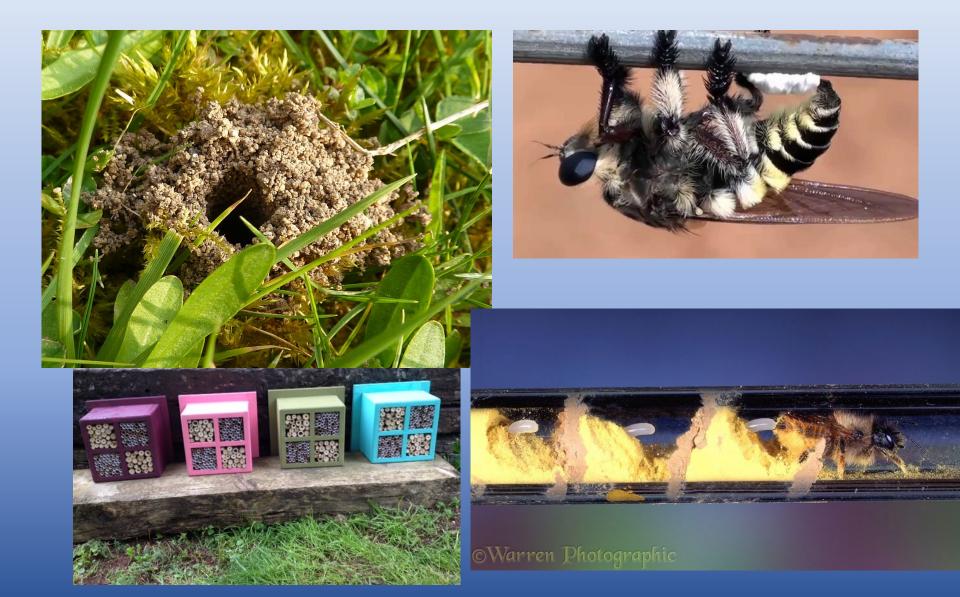


Use Native Plants





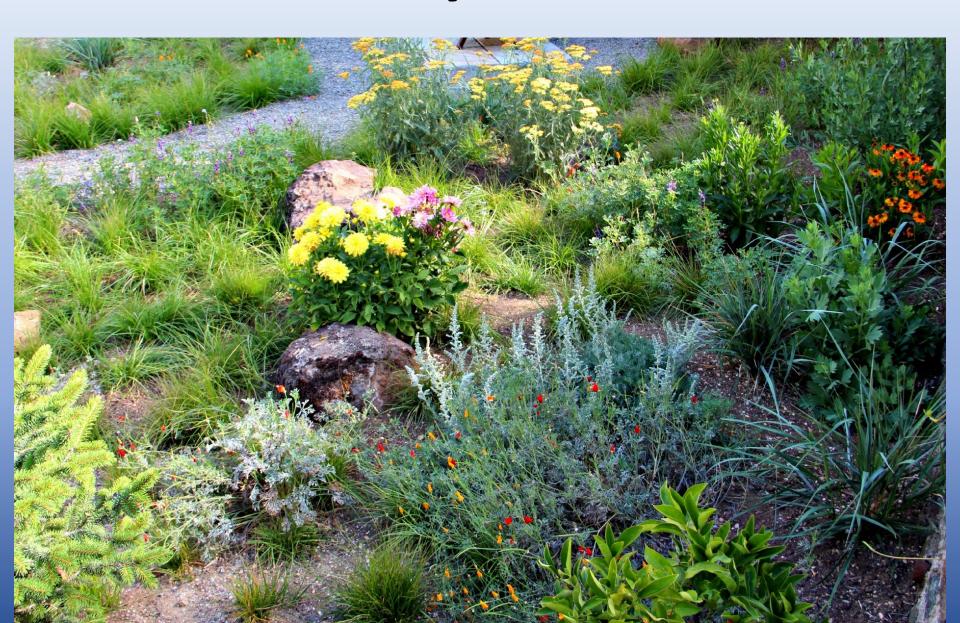
Nesting and Egg-Laying Habitat



Nesting and Egg-Laying Habitat



Plant Diversely







Resources

- Native Pollinators (NRCS)
 https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS /stelprdb1048334.pdf
- The Xerces Society http://xerces.org/
- USDA Forest Service <u>https://www.fs.fed.us/wildflowers/pollinators/index.sh</u> <u>tml</u>
- US Fish and Wildlife https://www.fws.gov/pollinators/
- Bees of the East <u>http://www.forestrywebinars.net/webinars/common-bees-and-best-bee-plants-of-the-east/</u>

Resources

- Attracting Pollinators
 https://www.fs.fed.us/wildflowers/pollinators/documents/AttractingPollinatorsV5.pdf
- Plants for Pollinators
 http://www.pollinator.org/PDFs/Guides/EBFContinentalrx13FINAL.pdf
- WV Pollinator
 https://efotg.sc.egov.usda.gov/references/public/ WV/WVPH.pdf

Plant Lists

- Xerces Society Plant List: http://www.xerces.org/wp-content/uploads/2015/03/SoutheastPlantList web.pdf
- New England Wildflower Society <u>http://www.newfs.org/grow/pollinators/pollinators.ht</u> <u>ml</u>
- Monarch Joint Venture
 http://monarchjointventure.org/resources/downloads-and-links/
- Monarch Watch <u>http://www.monarchwatch.org/garden/plant-list-monarchwatch.pdf</u>

Plant lists

- Plantings for Pollinators (NRCS)
 https://efotg.sc.egov.usda.gov/references/public/NH/p ollinatorPlantPictures.pdf
- Native Milkweeds
 https://www.nrcs.usda.gov/Internet/FSE_PLANTMATER
 IALS/publications/mopmcpu11905.pdf
- Wildflower Plant Characteristics
 https://www.nrcs.usda.gov/Internet/FSE_PLANTMATER
 IALS/publications/nypmctn11715.pdf
- Butterfly nectar sources https://www.nrcs.usda.gov/wps/portal/nrcs/detail/ct/t echnical/ecoscience/?cid=nrcs142p2 011120.

Questions?