

# Native Bee & Butterfly Pollinators

## Pedernales Falls State Park

# How to Improve Bee Habitat

## Nesting

## Feeding

### BEES

- **Sweat Bees**
  - Green: *Agapostemon texanus*
  - Augochloropsis metallica*
  - Striped: *Halictus* (2 species)
  - Dark: *Lasioglossum* (7 species)
- **Digger/Mining Bees**
  - Andrena rudbeckiae*
  - Anthophora* (2 species)
- **Chimney/Cactus Bees**
  - Diadasia* (3 species)
  - Exomalopsis solani*
  - Heriades variolosa*
  - Leiopodus singularis*
- **American Bumblebee**
  - Bombus pensylvanicus*
- **Plasterer Bees**
  - Colletes* (2 species)
- **Sunflower Bees**
  - Svastra* (4 species)
- **Large Squash Bee**
  - Eucera strenua*
- **Long-horned Bees**
  - Melissodes* (5 species)
- **Large Carpenter Bee**
  - Xylocopa virginica*
- **Leafcutter Bees**
  - Lithurgus littoralis*
  - Megachile* (4 species)
- **Cuckoo Bee**
  - Nomada texana*

### BUTTERFLIES

- **Skipper Butterflies**
  - Amblyscirtes eos* (SW Roadside)
  - Lerodea eufala* (South./Eufala)
  - Pyrgus communis/albescens* (Common/white checkered)
- **Brushfooted Butterflies**
  - Agraulis vanillae* (Gulf fritillary)
  - Euptoieta claudia* (Variegated fritillary)
  - Vanessa cardui* (Painted lady)
  - Vanessa virginensis* (Amer. lady)
- **Swallowtails**
  - Battus philenor* (Pipevine swallowtail)



Leave bare ground for ground-nesters' young to survive until spring



Leave stems and leafy growth for cavity-nesting bees



Leave woody areas for wood-nesting bees

Maintain diverse native flower meadows blooming from April to August to provide bees with nectar & pollen



Blue sage



Sunflower



Bee balm

### KEY

- Ground nesters
- Cavity or wood nesters
- Specialist larvae feed on few species in 1 plant family
- Generalist larvae feed on several species in > 2 plant families

Dark Sweat bee



Green Sweat bee



Chimney bee



Sunflower bee



Long-horned bee



Leafcutter bee



Eufala Skipper



Painted Lady



Pipeline swallowtail



Winkler Family Foundation

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