

# Native Bees of Balcones Canyonlands NWR

## Ground Nesting

### *Lasioglossum* spp.

#### Sweat bee

Solitary to social  
Small  
Very common



1

### *Halictus tripartitus*

#### Sweat bee

Solitary to communal  
Small  
Common



2

### *Augochloropsis metallica*

#### Sweat bee

Social  
Small  
Rare



3

### *Agapostemon texanus*

#### Green metallic bee

Solitary to communal  
Small  
Rare



4

### *Diadasia enavata*

#### Sunflower bee

Solitary  
Small-medium  
Very rare



5

## Cavity or Wood Nesting

### *Osmia subfasciata*

#### Mason bee

Solitary  
Medium  
Common



6

### *Ceratina* sp.

#### Small carpenter bee

Solitary-communal  
Small  
Common



7

### *Megachile brevis*

#### Leafcutter bee

Solitary  
Medium  
Rare



8

### *Megachile parallela*

#### Leafcutter bee

Solitary  
Medium  
Rare



9

### *Megachile polycaris*

#### Leafcutter bee

Solitary  
Medium  
Rare



10

**Solitary:** One female builds a nest and provisions her young alone

**Communal:** Several females share a nest but each one provisions her young alone

**Social:** Multiple females build the nest and provision their young together



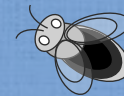
The University of Texas at Austin

Small ± 10 mm

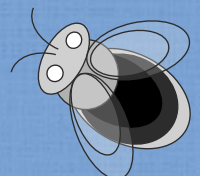


30 species

Medium ± 13 mm



Large ± 19 mm



Laurel Treviño & Shalene Jha

# Balcones Canyonlands National Wildlife Refuge

## 30 native bee species

Agapostemon angelicus

Agapostemon texanus

Anthophora californica

Apis mellifera (non native)

Augochloropsis metallica

Ceratina shinneri

Diadasia afflicta

Diadasia enavata

Diadasia rinconis

Dianthidium texanum

Halictus ligatus

Halictus tripartitus

Lasioglossum bardum

Lasioglossum bruneri

Lasioglossum coactum

Lasioglossum connexum

Lasioglossum hudsoniellum

Lasioglossum imitatum

Lasioglossum semicaeruleum

Lasioglossum spp. (4)

Megachile brevis

Megachile parallela

Megachile polycaris

Melissodes tepaneca

Osmia subfasciata

Pseudopanurgus texanus

Svastra petulca

Tetraloniella albata

