

Native Bees of Balcones Canyonlands NWR

Ground Nesting

Lasioglossum spp.

Sweat bee

Solitary to social

Small

Very common



Halictus tripartitus

Sweat bee

Solitary to communal

Small

Common



Augochloropsis metallica

Sweat bee

Social

Small

Rare



Agapostemon texanus

Green metallic bee

Solitary to communal

Small

Rare



Diadasia enavata

Sunflower bee

Solitary

Small-medium

Very rare



Cavity or Wood Nesting

Osmia subfasciata

Mason bee

Solitary

Medium

Common



Ceratina sp.

Small carpenter bee

Solitary-communal

Small

Common



Megachile brevis

Leafcutter bee

Solitary

Medium

Rare



Megachile parallela

Leafcutter bee

Solitary

Medium

Rare



Megachile policularis

Leafcutter bee

Solitary

Medium

Rare



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

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

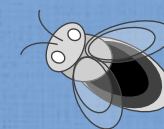
Social: Multiple females build the nest and provision their young together



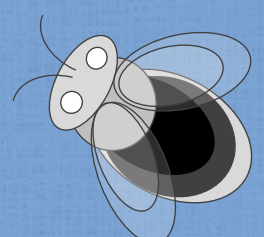
Small ± 10 mm



Medium ± 13 mm



Large ± 19 mm



30 species

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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