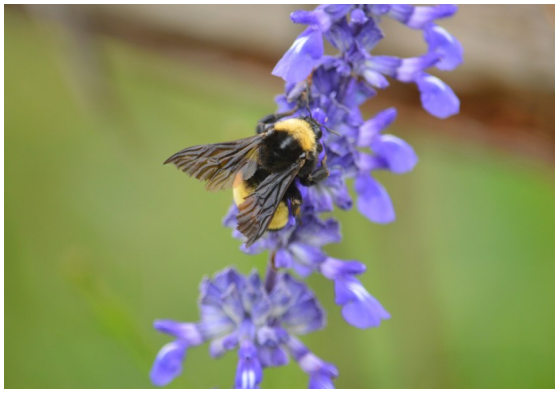
San Antonio

The City Nature Challenge is a global, city-scale BioBlitz event that frames an urban biodiversity survey as a friendly competition between cities.

Mexican free-tailed bat, graciemooney, iNaturalist, CCBY-NC



American bumble bee, Jessica Beckham, iNaturalist, CCBY-NC

Data collection
April 26-29

Identifications
Apr 30-May 6

San Antonio by the numbers:

- 8 counties
- More than 7,800 observations
- More than 1,400 species recorded
- More than 460 observers
- More than 370 identifiers
- Over 94% of observations were verifiable

Participating Counties:
Atascosa
Bandera
Bexar
Comal
Guadalupe
Kendall
Medina
Wilson

San Antonio in the Global Rankings out of 159 Cities:

Overall:
38th: Number Observations
28th: Number Species
21st: Number Observers

Metros of Pop. 1-2.5mil:
5th: Number Species
4th: Number Observers

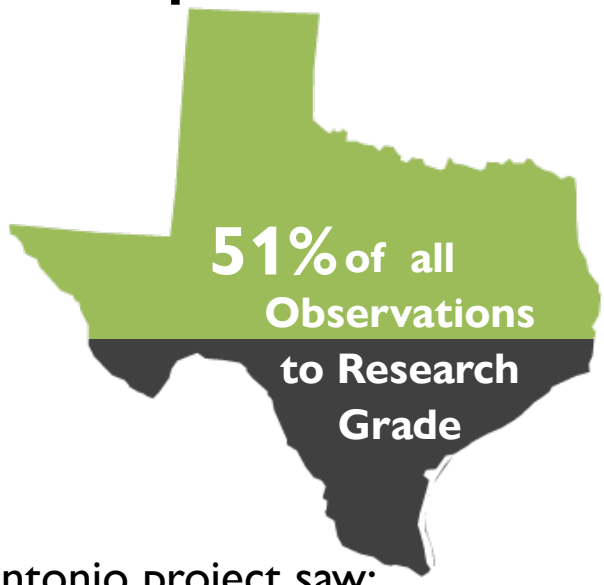
Metros of 10k-20k sq.km:
5th: Number Observers

The City Nature Challenge is organized by the Natural History Museum of Los Angeles County and the California Academy of Sciences. More information at citynaturechallenge.org

San Antonio

Cumulative Impact

51% of the observations recorded during the City Nature Challenge in the San Antonio metro area were **Research Grade** - observations of wild organisms with photo or sound vouchers of a quality to merit a species-level identification by the majority of identifiers.

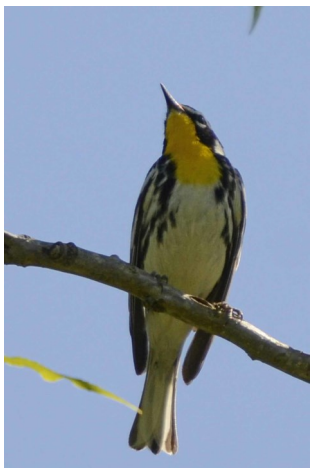


During the 4 days of the event, the San Antonio project saw:

- 32 Species of Greatest Conservation Need at Research Grade (see list)
- 177 new species records in iNaturalist
- 9% increase in iNaturalist observations for participating counties
- Project page: https://www.inaturalist.org/projects/city-nature-challenge-2019-san-antonio

Texas blind snake, thenectarbar, iNaturalist, CCBY-NC

Plateau milkvine, uppercibolo, iNaturalist, CCBY-NC



Yellow-throated Warbler, liltex775, iNaturalist, CCBY-NC

San Antonio

Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, *Bombus pensylvanicus*
American White Pelican, *Pelecanus erythrorhynchos*
Bewick's Wren, *Thryomanes bewickii*
Black-capped Vireo, *Vireo atricapilla*
Bracted Jewelflower, *Streptanthus bracteatus*
Carolina Chickadee, *Poecile carolinensis*
Common Slider, *Trachemys scripta*
Common Snapping Turtle, *Chelydra serpentina*
Dickcissel, *Spiza americana*
Golden-cheeked Warbler, *Setophaga chrysoparia*
Heller's Marbleseed (*Lithospermum helleri*)
Lark Sparrow, *Chondestes grammacus*
Little Blue Heron, *Egretta caerulea*
Loggerhead Shrike, *Lanius ludovicianus*
Mexican Free-tailed Bat, *Tadarida brasiliensis*
Orchard Oriole, *Icterus spurius*
Painted Bunting, *Passerina ciris*
Plateau Milkvine, *Matelea edwardsensis*
Red-eared Slider, *Trachemys scripta elegans*
Red-shouldered Hawk, *Buteo lineatus*
Rufous-crowned Sparrow, *Aimophila ruficeps*
Scarlet Leather Flower, *Clematis texensis*
Scissor-tailed Flycatcher, *Tyrannus forficatus*
Snowy Egret, *Egretta thula*
Sonoran Bumble Bee, *Bombus sonorus*
Summer Tanager, *Piranga rubra*
Swainson's Hawk, *Buteo swainsoni*
Texas Blind Snake, *Rena dulcis*
Tricolored Heron, *Egretta tricolor*
Western Diamondback Rattlesnake, *Crotalus atrox*
Wild Turkey, *Meleagris gallopavo*
Yellow-throated Warbler, *Setophaga dominica*