



Heart of Texas



The City Nature Challenge is a global, city-scale urban biodiversity BioBlitz framed as a friendly competition between participating areas.



Sycamore-leaf Snowbell, Aaron Lincoln, iNaturalist, CCBY-NC



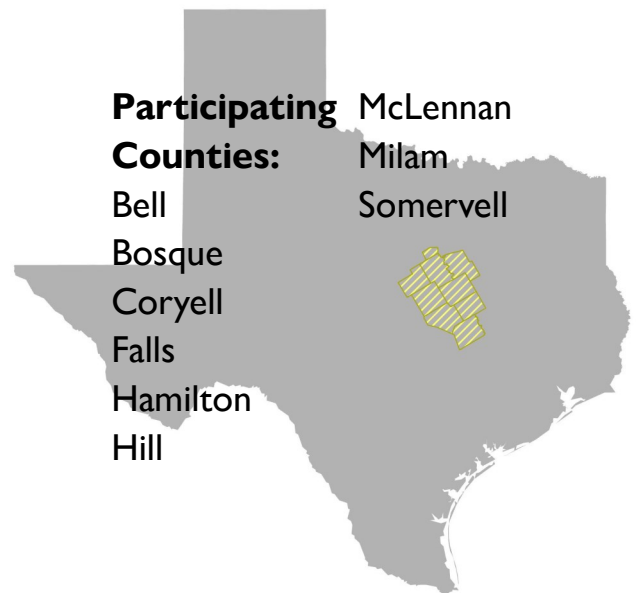
Painted Bunting, Missy McAllister, iNaturalist, CCBY-NC

Data collection
Apr 29-May 2

Identifications
May 3-8

By the numbers:

- 9 counties
- More than 5,035 observations
- 1,930 species recorded
- 182 observers
- More than 400 identifiers
- Over 99% of observations were verifiable



Participating Counties: McLennan
Milam
Somervell
Bell
Bosque
Coryell
Falls
Hamilton
Hill

Heart of Texas Highlights

Globally, 445 cities from 47 countries participated in the 2022 City Nature Challenge. Heart of Texas ranked **#81 for Observations**, **#46 for Species**, and **#93 for Observers** globally, placing it in the top 17% of projects.

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

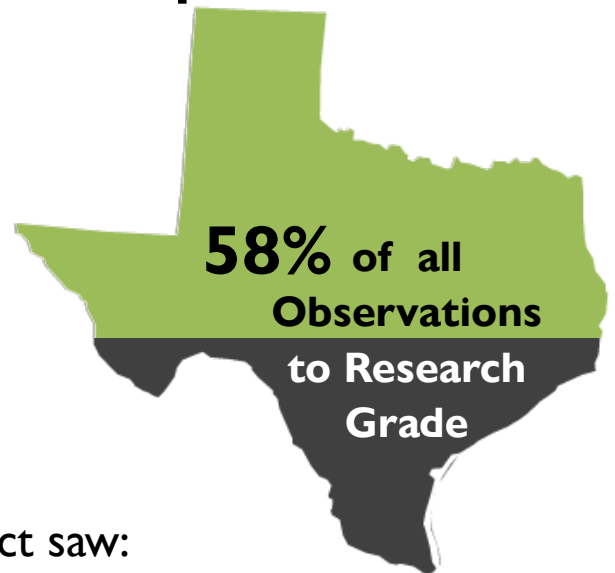


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Cumulative Impact

58% of the observations recorded during the City Nature Challenge in the Heart of Texas 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 project saw:

- 29 Species of Greatest Conservation Need at Research Grade (see list)
- 77 new species records in iNaturalist
- 3% increase in iNaturalist observations for the project metro counties
- Project page: <https://www.inaturalist.org/projects/city-nature-challenge-2022-heart-of-texas>



Eastern Box Turtle, birdladymilam, iNaturalist, CCBY-NC



Cassin's Sparrow, Rich Kostecke, iNaturalist, CCBY-



American Bumble Bee, Sam Wilson, iNaturalist, CCBY-NC



Heart of Texas



Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, *Bombus pensylvanicus*
American Kestrel, *Falco sparverius*
Bewick's Wren, *Thryomanes bewickii*
Black-capped Vireo, *Vireo atricapilla*
Cassin's Sparrow, *Peucaea cassinii*
Chuck-will's-widow, *Antrostomus carolinensis*
Dickcissel, *Spiza americana*
Eastern Box Turtle, *Terrepenne carolina*
Forster's Tern, *Sterna forsteri*
Franklin's Gull, *Leucophaeus pipixcan*
Green Heron, *Butorides virescens*
Hudsonian Godwit, *Limosa haemastica*
Lark Sparrow, *Chondestes grammacus*
Little Blue Heron, *Egretta caerulea*
Mississippi Kite, *Ictinia mississippiensis*
Northern Bobwhite, *Colinus virginianus*
Orchard Oriole, *Icterus spurius*
Painted Bunting, *Passerina ciris*
Plateau Milkvine, *Matelea edwardsensis*
Red-headed Woodpecker, *Melanerpes erythrocephalus*
Red-shouldered Hawk, *Buteo lineatus*
Scarlet Leather Flower, *Clematis texensis*
Scissor-tailed Flycatcher, *Tyrannus forficatus*
Snowy Egret, *Egretta thula*
Summer Tanager, *Piranga rubra*
Swainson's Hawk, *Buteo swainsoni*
Sycamore-leaf Snowbell, *Styrax platanifolius*
Wild Turkey, *Meleagris gallopavo*
Yellow-billed Cuckoo, *Coccyzus americanus*