



# Dallas-Fort Worth



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



**Smooth Softshell Turtle**, Sara, iNaturalist, CCBY-NC



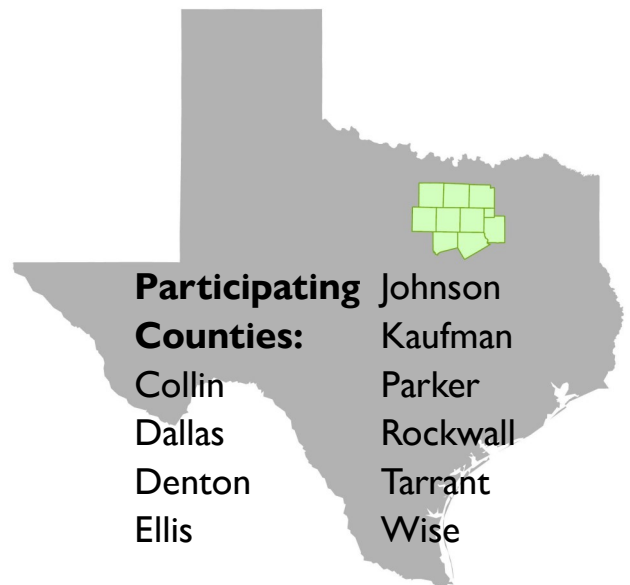
**Comanche Harvester Ant**, Brent Franklin, iNaturalist, CCBY-NC

**Data collection**  
**Apr 29-May 2**

**Identifications**  
**May 3-8**

## By the numbers:

- 10 counties
- More than 42,860 observations
- More than 3,435 species recorded
- More than 1,350 observers
- More than 1,000 identifiers
- Over 97% of observations were verifiable



**Participating Counties:** Johnson  
Kaufman  
Parker  
Rockwall  
Tarrant  
Wise  
Collin  
Dallas  
Denton  
Ellis

## Dallas-Fort Worth Highlights

Globally, 445 cities from 47 countries participated in the 2022 City Nature Challenge. Dallas-Fort Worth ranked **#3 for Observations**, **#5 for Species**, and **#7 for Observers** globally, placing it in the top 1% 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](http://citynaturechallenge.org)

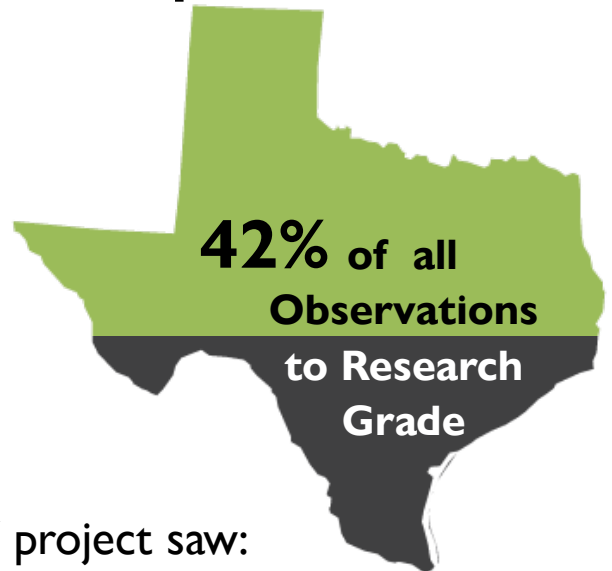


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## Cumulative Impact

**42% of the observations** recorded during the City Nature Challenge in the DFW 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 DFW project saw:

- 38 Species of Greatest Conservation Need at Research Grade (see list)
- 165 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-dallas-fort-worth>



**Yellow-billed Cuckoo**, assmann, iNaturalist, CCBY-NC



**Comanche Peak Prairie Clover**, Sam Kieschnick, iNaturalist, CCBY



**Sonoran Bumble Bee**, explorinspectinquire, iNaturalist, CCBY-NC



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## Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, *Bombus pensylvanicus*  
American Kestrel, *Falco sparverius*  
American White Pelican, *Pelecanus erythrorhynchos*  
Bald Eagle, *Haliaeetus leucocephalus*  
Bell's Vireo, *Vireo bellii*  
Bewick's Wren, *Thryomanes bewickii*  
Black-tailed Prairie Dog, *Cynomys ludovicianus*  
Cassin's Sparrow, *Peucaea cassinii*  
Chuck-will's-widow, *Antrostomus carolinensis*  
Comanche Peak Prairie Clover, *Dalea reverchonii*  
Common Yellowthroat, *Geothlypis trichas*  
Dickcissel, *Spiza americana*  
Eastern Box Turtle, *Terrapene carolina*  
Forster's Tern, *Sterna forsteri*  
Franklin's Gull, *Leucophaeus pipixcan*  
Glen Rose Yucca, *Yucca necopina*  
Green Heron, *Butorides virescens*  
Kentucky Warbler, *Geothlypis formosa*  
Lark Sparrow, *Chondestes grammacus*  
Least Tern, *Sternula antillarum*  
Little Blue Heron, *Egretta caerulea*  
Mississippi Kite, *Ictinia mississippiensis*  
Orchard Oriole, *Icterus spurius*  
Ornate Box Turtle, *Terrapene ornata*  
Painted Bunting, *Passerina ciris*  
Plateau Milkvine, *Matelea edwardsensis*  
Red-shouldered Hawk, *Buteo lineatus*  
Scissor-tailed Flycatcher, *Tyrannus forficatus*  
Slender Glass Lizard, *Ophisaurus attenuatus*  
Snowy Egret, *Egretta thula*  
Stilt Sandpiper, *Calidris himantopus*  
Summer Tanager, *Piranga rubra*  
Swainson's Hawk, *Buteo swainsoni*  
Eastern Box Turtle, *Terrapene carolina*  
Tri-colored Heron, *Egretta tricolor*  
White-faced Ibis, *Plegadis chihi*  
Wild Turkey, *Meleagris gallopavo*  
Yellow-billed Cuckoo, *Coccyzus americanus*