



**City Nature
Challenge**

Texas 2023

Dallas-Fort Worth

TEXAS
**PARKS &
WILDLIFE**

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



Grasshopper Sparrow, Jennifer Linde, iNaturalist, CCBY-NC



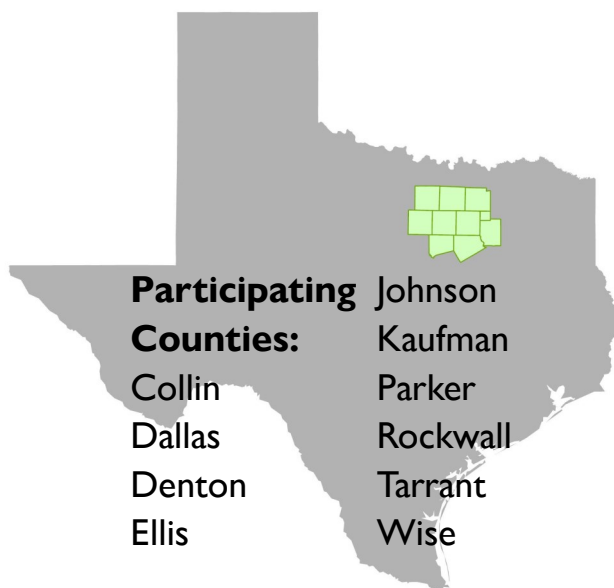
Comanche Peak Prairie Clover, Sam Kieschnick, iNaturalist, CCBY-

**Data collection
Apr 28-May 1**

**Identifications
May 2-7**

By the numbers:

- 10 counties
- More than 482,240 observations
- More than 3,050 species recorded
- More than 1,325 observers
- More than 1,035 identifiers
- Over 98% of observations were verifiable



**Participating
Counties:**

Collin
Dallas
Denton
Ellis

Johnson
Kaufman
Parker
Rockwall
Tarrant
Wise

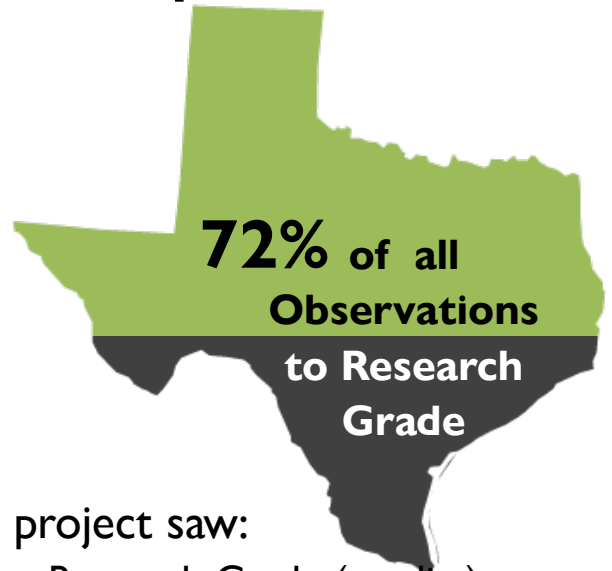
Dallas-Fort Worth Highlights

Globally, 482 cities from 46 countries participated in the 2023 City Nature Challenge. Dallas-Fort Worth ranked **#3 for Observations**, **#8 for Species**, and **#8 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

Cumulative Impact

72% 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:

- 58 Species of Greatest Conservation Need at Research Grade (see list)
- 78 new species records in iNaturalist
- 2.6% increase in iNaturalist observations for the project metro counties
- Project page: <https://www.inaturalist.org/projects/city-nature-challenge-2023-dallas-fort-worth>



Bald Eagle, Denver Kramer,
iNaturalist, CCBY-NC



Strecker's Chorus Frog,
jhamby, iNaturalist, CCBY



Woodhouse's Toad, cproctor,
iNaturalist, CCBY-NC

Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, <i>Bombus pensylvanicus</i>	Orchard Oriole, <i>Icterus spurius</i>
American Golden Plover, <i>Pluvialis dominica</i>	Painted Bunting, <i>Passerina ciris</i>
American Kestrel, <i>Falco sparverius</i>	Parkhill Prairie Crayfish <i>Procambarus steigmani</i>
Bald Eagle, <i>Haliaeetus leucocephalus</i>	Peregrine Falcon, <i>Falco peregrinus</i>
Bell's Vireo, <i>Vireo bellii</i>	Plateau Milkvine, <i>Matelea edwardsensis</i>
Bewick's Wren, <i>Thryomanes bewickii</i>	Prothonotary Warbler, <i>Protonotaria citrea</i>
Big Brown Bat, <i>Eptesicus fuscus</i>	Red-headed Woodpecker, <i>Melanerpes erythrocephalus</i>
Black-tailed Prairie Dog, <i>Cynomys ludovicianus</i>	Red-shouldered Hawk, <i>Buteo lineatus</i>
Black Tern, <i>Chlidonias niger</i>	Scissor-tailed Flycatcher, <i>Tyrannus forficatus</i>
Comanche Harvester, <i>Pogonomyrmex comanche</i>	Sedge Wren, <i>Cistothorus stellaris</i>
Comanche Peak Prairie Clover, <i>Dalea reverchonii</i>	Smooth Softshell, <i>Apalone mutica</i>
Common Garter Snake, <i>Thamnophis sirtalis</i>	Snowy Egret, <i>Egretta thula</i>
Common Yellowthroat, <i>Geothlypis trichas</i>	Stilt Sandpiper, <i>Calidris Himantopus</i>
Dickcissel, <i>Spiza americana</i>	Strecker's Chorus Frog, <i>Pseudacris streckeri</i>
Eastern Box Turtle, <i>Terrapene carolina</i>	Summer Tanager, <i>Piranga rubra</i>
Eastern Meadowlark, <i>Sturnella magna</i>	Swainson's Hawk, <i>Buteo swainsoni</i>
Engelmann's Bladderpod, <i>Physaria engelmannii</i>	Swamp Rabbit, <i>Sylvilagus aquaticus</i>
Field Sparrow, <i>Spizella pusilla</i>	Tall Dodder, <i>Cuscuta exaltata</i>
Forster's Tern, <i>Sterna forsteri</i>	Topeka Purple Coneflower, <i>Echinacea atrorubens</i>
Franklin's Gull, <i>Leucophaeus pipixcan</i>	Tri-colored Heron, <i>Egretta tricolor</i>
Glen Rose Yucca, <i>Yucca necopina</i>	Western Sandpiper, <i>Calidris mauri</i>
Grasshopper Sparrow, <i>Ammodramus savannarum</i>	White-faced Ibis, <i>Plegadis chihi</i>
Green Heron, <i>Butorides virescens</i>	Wild Turkey, <i>Meleagris gallopavo</i>
Harris's Sparrow, <i>Zonotrichia querula</i>	Wood Thrush, <i>Hylocichla mustelina</i>
Lark Sparrow, <i>Chondestes grammacus</i>	Woodhouse's Toad, <i>Anaxyrus woodhousii</i>
Little Blue Heron, <i>Egretta caerulea</i>	Worm-eating Warbler, <i>Helmitheros vermivorum</i>
Loggerhead Shrike, <i>Lanius ludovicianus</i>	Yellow-billed Cuckoo, <i>Coccyzus americanus</i>
Mississippi Kite, <i>Ictinia mississippiensis</i>	
Northern Bobwhite, <i>Colinus virginianus</i>	
Northern Harrier, <i>Circus hudsonius</i>	
Northern Pintail, <i>Anas acuta</i>	