



# Dallas-Fort Worth

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The City Nature Challenge is a global, city-scale urban biodiversity BioBlitz. This year's event was a world-wide collaborative effort rather than a competition.



**Prothonotary Warbler**, sara39,  
iNaturalist, CCBY-NC



**Texas garter snake**, Shaun Hayes,  
iNaturalist, CCBY-NC

**Data collection**  
**April 24-27**

**Identifications**  
**Apr 28-May 3**

## DFW by the numbers:

- 10 counties
- More than 33,000 observations
- More than 2,900 species recorded
- More than 1,200 observers
- More than 900 identifiers
- Over 98% of observations were verifiable



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

## Participation in Dallas-Fort Worth

Observer participation in the DFW metro counties increased 17% relative to the 2019 City Nature Challenge. However, 22% fewer iNaturalist users added identifications to the project's observations this year relative to the 2019 event.

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)

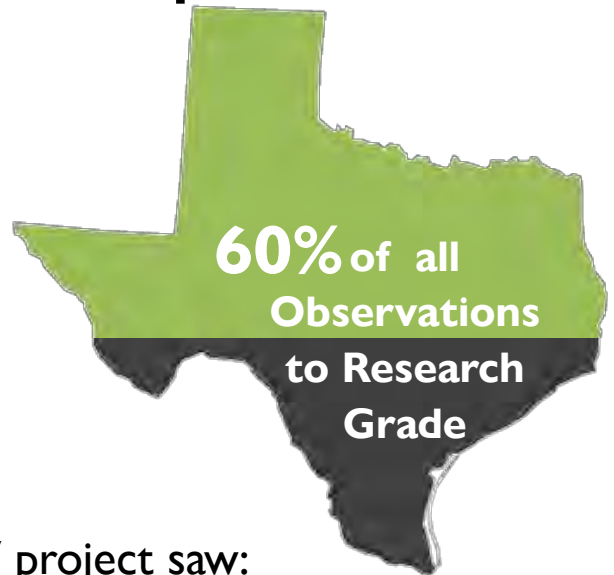


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## Cumulative Impact

**60% 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:

- 42 Species of Greatest Conservation Need at Research Grade (see list)
- 200 new species records in iNaturalist
- 5% increase in iNaturalist observations for the DFW metro counties
- Project page: <https://www.inaturalist.org/projects/city-nature-challenge-2020-dallas-fort-worth>



**Comanche Peak prairie clover**, Sam Kieschnick, iNaturalist, CCBY-NC



**American bumble bee**, Elaine White, iNaturalist, CCBY-NC



**Comanche harvester ant**, charley, iNaturalist, CCBY-NC

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## Species of Greatest Conservation Need

Recorded to Research Grade

|  |  |
|--|--|
| American Bumble Bee, <i>Bombus pensylvanicus</i>       | Painted Bunting, <i>Passerina ciris</i>                    |
| American Golden-Plover, <i>Pluvialis dominica</i>      | Prothonotary Warbler, <i>Protonotaria citrea</i>           |
| American Kestrel, <i>Falco sparverius</i>              | Red-eared Slider, <i>Trachemys scripta elegans</i>         |
| Bald Eagle, <i>Haliaeetus leucocephalus</i>            | Red-shouldered Hawk, <i>Buteo lineatus</i>                 |
| Bewick's Wren, <i>Thryomanes bewickii</i>              | Scissor-tailed Flycatcher, <i>Tyrannus forficatus</i>      |
| Brown Pelican, <i>Pelecanus occidentalis</i>           | Sedge Wren, <i>Cistothorus platensis</i>                   |
| Carolina Chickadee, <i>Poecile carolinensis</i>        | Snowy Egret, <i>Egretta thula</i>                          |
| Chuck-will's-widow, <i>Antrostomus carolinensis</i>    | Spiny Softshell Turtle, <i>Apalone spinifera</i>           |
| Comanche harvester ant, <i>Pogonomyrmex comanche</i>   | Summer Tanager, <i>Piranga rubra</i>                       |
| Comanche Peak Prairie Clover, <i>Dalea reverchonii</i> | Swainson's Hawk, <i>Buteo swainsoni</i>                    |
| Common Slider, <i>Trachemys scripta</i>                | Texas Blind Snake, <i>Rena dulcis</i>                      |
| Common Snapping Turtle, <i>Chelydra serpentina</i>     | Texas Garter Snake, <i>Thamnophis sirtalis annectens</i>   |
| Common Yellowthroat, <i>Geothlypis trichas</i>         | Three-toed Box Turtle, <i>Terrapene carolina triunguis</i> |
| Dickcissel, <i>Spiza americana</i>                     | White-faced Ibis, <i>Plegadis chihi</i>                    |
| Eastern Mole, <i>Scalopus aquaticus</i>                | Wild Turkey, <i>Meleagris gallopavo</i>                    |
| Forster's Tern, <i>Sterna forsteri</i>                 | Woodhouse's Toad, <i>Anaxyrus woodhousii</i>               |
| Franklin's Gull, <i>Leucophaeus pipixcan</i>           |  |
| Glen Rose Yucca, <i>Yucca necopina</i>                 |  |
| Grasshopper Sparrow, <i>Ammodramus savannarum</i>      |  |
| Green Heron, <i>Butorides virescens</i>                |  |
| Harris's Sparrow, <i>Zonotrichia querula</i>           |  |
| Hudsonian Godwit, <i>Limosa haemastica</i>             |  |
| Lark Sparrow, <i>Chondestes grammacus</i>              |  |
| Little Blue Heron, <i>Egretta caerulea</i>             |  |
| Loggerhead Shrike, <i>Lanius ludovicianus</i>          |  |
| Mississippi Kite, <i>Ictinia mississippiensis</i>      |  |

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