



Corpus Christi & Mustang Island



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



Wilson's Plover, Jon McIntyre, iNaturalist, CCBY-NC



Texas Tortoise, spaniel17, iNaturalist, CCBY-NC

Data collection
Apr 29-May 2

Identifications
May 3-8

By the numbers:

- 2 projects & 2 counties
- More than 1,480 observations
- More than 740 species recorded
- 94 observers
- More than 275 identifiers
- Over 95% of observations were verifiable



Corpus Christi & Mustang Island Highlights

Globally, 445 cities from 47 countries participated in the 2022 City Nature Challenge. Corpus Christi ranked **#199 for Observations**, **#171 for Species**, and **#163 for Observers**. Mustang Island ranked **#191 for Observations**, **#189 for Species**, and **#224 for 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

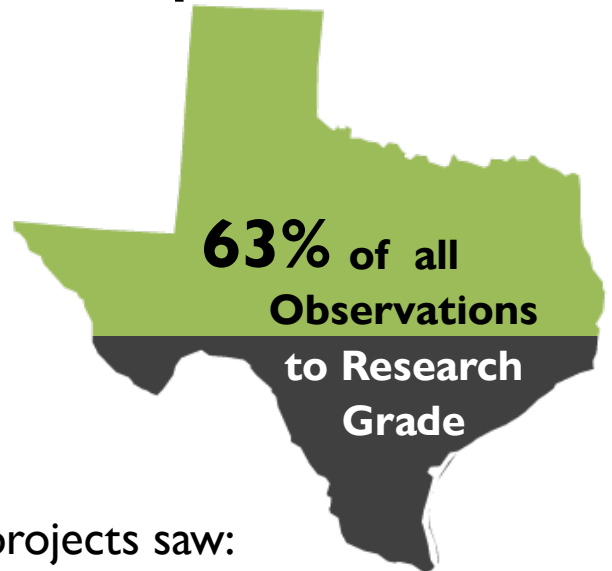


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Cumulative Impact

63% of the observations recorded during the City Nature Challenge in the project 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.

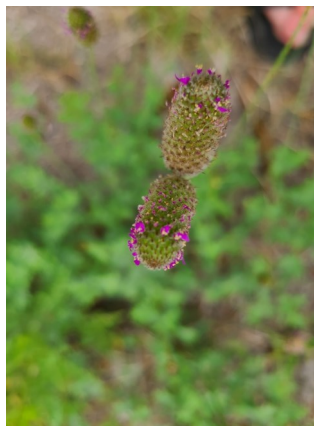


During the 4 days of the event, the two projects saw:

- 33 Species of Greatest Conservation Need at Research Grade (see list)
- 40 new species records in iNaturalist
- 1% increase in iNaturalist observations for the project counties
- Project pages: <https://www.inaturalist.org/projects/city-nature-challenge-2022-mustang-island-texas> & <https://www.inaturalist.org/projects/city-nature-challenge-2022-corpus-christi-area>



Aplomado Falcon, Mikael Behrens, iNaturalist, CCBY-NC



Wedgeleaf Prairie Clover, Joan Holt, iNaturalist, CCBY-NC



Least Tern, Jon McIntyre, iNaturalist, CCBY-NC



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Species of Greatest Conservation Need

Recorded to Research Grade

- | | |
|---|--|
| American Bumble Bee, <i>Bombus pensylvanicus</i> | Western Sandpiper, <i>Calidris mauri</i> |
| Aplomado Falcon, <i>Falco femoralis</i> | White-faced Ibis, <i>Plegadis chihi</i> |
| Black Skimmer, <i>Rynchops niger</i> | White-tailed Hawk, <i>Geranoaetus albicaudatus</i> |
| Brown Pelican, <i>Pelecanus occidentalis</i> | Wilson's Plover, <i>Charadrius wilsonia</i> |
| Common Bottlenose Dolphin, <i>Tursiops truncatus</i> | |
| Common Yellowthroat, <i>Geothlypis trichas</i> | |
| Dickcissel, <i>Spiza americana</i> | |
| Forster's Tern, <i>Sterna forsteri</i> | |
| Franklin's Gull, <i>Leucophaeus pipixcan</i> | |
| Green Heron, <i>Butorides virescens</i> | |
| Kentucky Warbler, <i>Geothlypis Formosa</i> | |
| Least Bittern, <i>Ixobrychus exilis</i> | |
| Least Tern, <i>Sternula antillarum</i> | |
| Little Blue Heron, <i>Egretta caerulea</i> | |
| Long-billed Curlew, <i>Numenius americanus</i> | |
| Louisiana Waterthrush, <i>Parkesia motacilla</i> | |
| Mottled Duck, <i>Anas fulvigula</i> | |
| Orchard Oriole, <i>Icterus spurius</i> | |
| Painted Bunting, <i>Passerina ciris</i> | |
| Peregrine Falcon, <i>Falco peregrinus</i> | |
| Reddish Egret, <i>Egretta rufescens</i> | |
| Red-shouldered Hawk, <i>Buteo lineatus</i> | |
| Scissor-tailed Flycatcher, <i>Tyrannus forficatus</i> | |
| Snowy Egret, <i>Egretta thula</i> | |
| Stilt Sandpiper, <i>Calidris himantopus</i> | |
| Swainson's Hawk, <i>Buteo swainsoni</i> | |
| Texas Pocket Gopher, <i>Geomys personatus</i> | |
| Texas Tortoise, <i>Gopherus berlandieri</i> | |
| Tricolored Heron, <i>Egretta tricolor</i> | |