



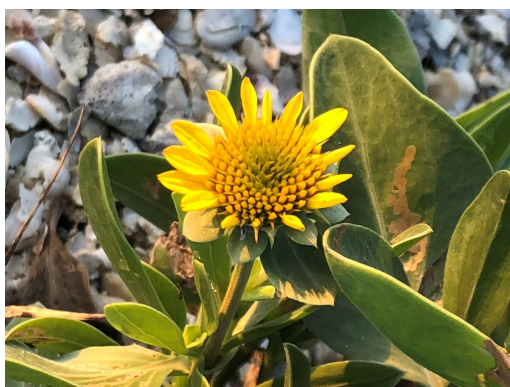
Corpus Christi & Mustang Island

TEXAS
PARKS &
WILDLIFE

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.



Couch's spadefoot, Jon McIntyre,
iNaturalist, CCBY-NC



Sea ox-eye, Chris Kneupper,
iNaturalist, CCBY-NC

Data collection
Apr 29-May 3

Identifications
May 4-9

By the numbers:

- 2 projects & 2 counties
- More than 2,060 observations
- More than 660 species recorded
- 80 observers
- More than 250 identifiers
- Over 97% of observations were verifiable



Corpus Christi & Mustang Island Highlights

Globally, 419 cities from 44 countries participated in the 2021 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

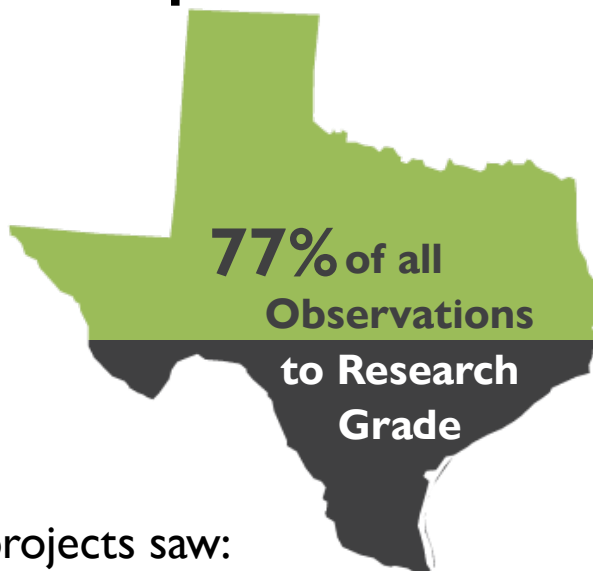


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Cumulative Impact

77% 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:

- 32 Species of Greatest Conservation Need at Research Grade (see list)
- 34 new species records in iNaturalist
- 2% increase in iNaturalist observations for the project counties
- Project pages: <https://www.inaturalist.org/projects/city-nature-challenge-2021-mustang-island-texas> & <https://www.inaturalist.org/projects/city-nature-challenge-2021-corpus-christi-area>



Cape May Warbler, Jon McIntyre, iNaturalist, CCBY-NC



Shark eye, jainbinder, iNaturalist, CCBY-NC



Red-margined blister beetle, Ashley Schmitz, iNaturalist, CCBY-NC

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Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, *Bombus pensylvanicus*

American Golden-Plover, *Pluvialis dominica*

American White Pelican, *Pelecanus erythrorhynchos*

Aplomado Falcon, *Falco femoralis*

Black Skimmer, *Rynchops niger*

Black Tern, *Chlidonias niger*

Brown Pelican, *Pelecanus occidentalis*

Chuck-will's-widow, *Antrostomus carolinensis*

Common Yellowthroat, *Geothlypis trichas*

Dickcissel, *Spiza americana*

Eastern Meadowlark, *Sturnella magna*

Forster's Tern, *Sterna forsteri*

Franklin's Gull, *Leucophaeus pipixcan*

Green Heron, *Butorides virescens*

Lark Sparrow, *Chondestes grammacus*

Little Blue Heron, *Egretta caerulea*

Loggerhead Shrike, *Lanius ludovicianus*

Long-billed Curlew, *Numenius americanus*

Mottled Duck, *Anas fulvigula*

Orchard Oriole, *Icterus spurius*

Ornate Box Turtle, *Terrapene ornata*

Painted Bunting, *Passerina ciris*

Reddish Egret, *Egretta rufescens*

Scissor-tailed Flycatcher, *Tyrannus forficatus*

Snowy Egret, *Egretta thula*

Stilt Sandpiper, *Calidris himantopus*

Summer Tanager, *Piranga rubra*

Swainson's Hawk, *Buteo swainsoni*

Tricolored Heron, *Egretta tricolor*

White-faced Ibis, *Plegadis chihi*

Wilson's Plover, *Charadrius wilsonia*

Yellow-billed Cuckoo, *Coccyzus americanus*

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