



Houston-Galveston



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



Tri-colored Heron, JoanR, iNaturalist, CCBY-NC



Eastern Box Turtle, Stacy Holcomb, iNaturalist, CCBY-NC

**Data collection
Apr 29-May 2**

**Identifications
May 3-8**

By the numbers:

- 9 counties
- 31,995 observations
- More than 3,410 species recorded
- More than 1,590 observers
- 1,050 identifiers
- Over 92% of observations were verifiable



Houston-Galveston Highlights

Globally, 445 cities from 47 countries participated in the 2022 City Nature Challenge. Houston-Galveston ranked **#4 for Observations**, **#3 for Species**, and **#6 for Observers** globally, placing it in the top 1% of projects globally.

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

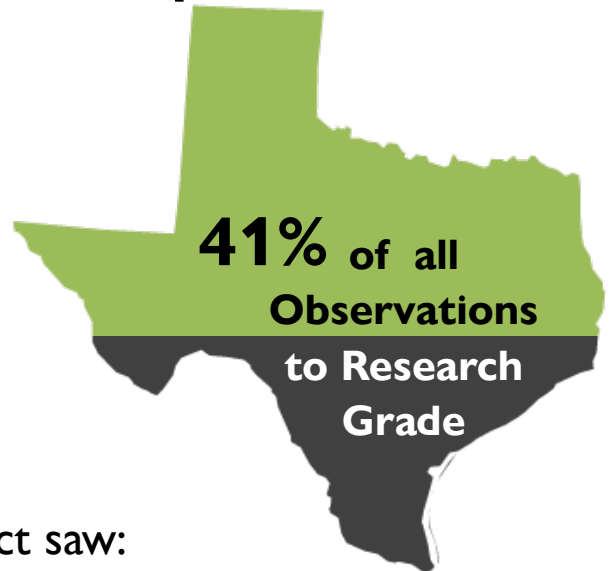


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Cumulative Impact

41% of the observations recorded during the City Nature Challenge in the Houston-Galveston 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 project saw:

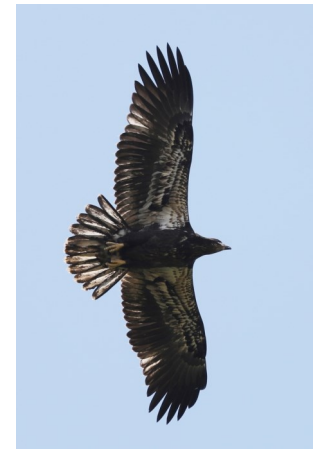
- 38 Species of Greatest Conservation Need at Research Grade (see list)
- 183 new species records in iNaturalist
- 4% increase in iNaturalist observations for the project counties
- Project page: <https://www.inaturalist.org/projects/city-nature-challenge-2022-houston-galveston>



Red-headed Woodpecker, albarr, iNaturalist, CCBY-NC



Brown Pelican, knlzell, iNaturalist, CCBY-NC



Bald Eagle, Bruce Bodson, iNaturalist, CCBY-NC



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Species of Greatest Conservation Need

Recorded to Research Grade

American Bumble Bee, *Bombus pensylvanicus*
Bald Eagle, *Haliaeetus leucocephalus*
Bewick's Wren, *Thryomanes bewickii*
Brown Pelican, *Pelecanus occidentalis*
Chuck-will's-widow, *Antrostomus carolinensis*
Common Yellowthroat, *Geothlypis trichas*
Dickcissel, *Spiza americana*
Eastern Box Turtle, *Terrapene carolina*
Eastern Meadowlark, *Sturnella magna*
Green Heron, *Butorides virescens*
Kentucky Warbler, *Geothlypis formosa*
Least Bittern, *Ixobrychus exilis*
Little Blue Heron, *Egretta caerulea*
Loggerhead Shrike, *Lanius ludovicianus*
Mississippi Kite, *Ictinia mississippiensis*
Mottled Duck, *Anas fulvigula*
Northern Bobwhite, *Colinus virginianus*
Northern Harrier, *Circus hudsonius*
Orchard Oriole, *Icterus spurius*
Painted Bunting, *Passerina ciris*
Prothonotary Warbler, *Protonotaria citrea*
Red-cockaded Woodpecker, *Dryobates borealis*
Red-headed Woodpecker, *Melanerpes erythrocephalus*
Red-shouldered Hawk, *Buteo lineatus*
Salt Marsh Snake, *Nerodia clarkii*
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*
Swallow-tailed Kite, *Elanoides forficatus*
Swamp Rabbit, *Sylvilagus aquaticus*
Timber Rattlesnake, *Crotalus horridus*
Tricolored Heron, *Egretta tricolor*
White-faced Ibis, *Plegadis chihi*
Wood Thrush, *Hylocichla mustelina*
Yellow-billed Cuckoo, *Coccyzus americanus*