Photographing Invertebrates – Butterflies:
Photographing Invertebrates – Moths:
Photographing Invertebrates:
The rules:
- Record all living (and dead!) wild organisms you find.
- If you find a plant that was obviously planted by a person, check "captive or cultivated" on the observation
- Do not record: humans, domestic cats, or dogs, even if they're wandering around
- It doesn't matter if you can't ID it - log it anyways and the iNaturalist community can help
- Have fun and enjoy the nature around you!
Editing Observations

Editing observations & accuracy
Adding observations to projects

Western Diamondback Rattlesnake (*Crotalus atrox*)

**Description**

Came in to work one morning to this beauty hanging out on the trail after a good meal.

**Community ID**

Western Diamondback Rattlesnake (*Crotalus atrox*)
Editing Observation 9515436

What did you see?
Western Diamondback R

Was it captive / cultivated?

Where were you?
Cedar Hill, TX, USA

When did you see it?
2013/07/23 8:30 AM CDT

Description
Came in to work one morning to this beauty hanging out on the trail after a good meal.

Change geoprivacy: open
Editing Observation 9515436

What did you see?
Western Diamondback R

Was it captive / cultivated? ☑

When did you see it?
2013/07/23 8:30 AM CDT

Where were you?
Cedar Hill, TX, USA
Lat: 32.6133112261
Lon: -96.5709652407

Add media
Add photos
Add sounds

Description

Came in to work one morning to this beauty hanging out on the trail after a good meal.

Tags
Commaseparated, please

More fields

Count of Individuals Observed

Change geoprivacy open

Select one or more photos

Changing the geoprivacy alters how other people see the location of your observation.

open
Everyone can see the coordinates unless the taxon is threatened.

Obscured
Public coordinates shown as a random point within 100m of the true coordinates. True coordinates are only visible to you and the curators of projects to which you add the observation. Obscured coordinates are visible to you and the curators of projects to which you add the observation.

private
Coordinates completely hidden from public maps, true coordinates only visible to you and the curators of projects to which you add the observation. Observations with private coordinates will still be used to verify place check lists.

Total number of individuals observed or estimated

Remove
iNaturalist GeoPrivacy Options

- **Open**: Everyone can see the coordinates unless the taxon is classified “at risk”.

- **Obscured**: Public coordinates shown as a random point within a roughly 10 km² square area of uncertainty. True coordinates are only visible to you and the curators of projects to which you add the observation.

- **Private**: Coordinates completely hidden from public maps, true coordinates only visible to you and the curators of projects to which you add the observation.
Encompassing Places

Standard:
- North America (Continent)
- United States (Country)
- Texas, US (State)
- Ward County, TX, US (County)

Community Curated:
- TPWD WL D1 Permian Basin, TX, US (Local administrative area)
- West Texas, US (Colloquial)
- Mescalero Monahans Shinnery Sands (Unknown)
- TPWD Wildlife District 1, TX, US (Local administrative area)
- Llano Estacado and Surrounding Areas, US (Land feature)
- Chihuahuan Desert (Land feature)
- South-Central U.S. (Unknown)
- Texas & states with shared river basing (US and Mexico) (Unknown)
- Texas and neighboring states (US and Mexico) (Unknown)
- Texas and neighboring states (Unknown)

Why the Coordinates Are Obscured

- Taxon is threatened, coordinates obscured by default: One of the taxa suggested in the identifications, or one of the taxa that contain any of these taxa, is known to be rare and/or threatened, so the location of this observation has been obscured.

Who Can See the Coordinates

- The person who made the observation
- Individuals who the observer has trusted with their hidden coordinates
<table>
<thead>
<tr>
<th>Encompassing Places</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard:</strong></td>
</tr>
<tr>
<td>North America (Continent)</td>
</tr>
<tr>
<td>United States (Country)</td>
</tr>
<tr>
<td>Texas, US (State)</td>
</tr>
<tr>
<td>Pecos County, TX, US (County)</td>
</tr>
<tr>
<td><strong>Community Curated:</strong></td>
</tr>
<tr>
<td>Trans-Pecos (Region)</td>
</tr>
<tr>
<td>Trans-Pecos Texas (Region)</td>
</tr>
<tr>
<td>West Texas, US (Coloquial)</td>
</tr>
<tr>
<td>TPWD Wildlife District 1, TX, US (Local administrative area)</td>
</tr>
<tr>
<td>Chihuahuan Desert (Land feature)</td>
</tr>
<tr>
<td>Desierto Chihuahense, CA, MX (Land feature)</td>
</tr>
<tr>
<td>Texas and neighboring states (US and Mexico) (Unknown)</td>
</tr>
<tr>
<td>Chihuahuan Basins and Playas (Land feature)</td>
</tr>
<tr>
<td>South-Central U.S. (Unknown)</td>
</tr>
<tr>
<td>Texas &amp; states with shared river basins (US and Mexico) (Unknown)</td>
</tr>
</tbody>
</table>

**Why the Coordinates Are Obscured**

- Geoprivacy is obscured: Observer has chosen to obscure the coordinates.

**Who Can See the Coordinates**

- The person who made the observation
- Individuals who the observer has trusted with their hidden coordinates
- Curators of the following projects:
  - Herps of Texas
  - All Texas Nature
Burrowing Owl (Athene cunicularia)
Challenge: What if this was a chickadee – Black-capped or Carolina? Geography matters!
Rock Squirrel *(Otospermophilus variegatus)*

**Description**
Real County, TX
iNaturalist Website Tour

People, Guides, Projects, Species, & Places

iNaturalist Help Guide

• At the top iNaturalist menu, under **More**, click on **Help**
  — Tutorials and “how-to” articles
  — Teacher’s Guide
  — BioBlitz Guide
  — Community Guidelines
Birds of Texas wrote a new post

Got eagle nests?

We’ve just launched a new project - Texas Eagle Nests - designed to collect information about Golden Eagle and Bald Eagle nests across Texas. Even though they’re not an eagle, we’re also accepting observations of Osprey nests in this project as well. We’re interested in records of both active and inactive nests.

View post
The People of iNaturalist.org

Recently active

**schaferpho**
commented on an observation by schaferpho less than a minute ago

**kfistanic**
added an ID to an observation by devendraad less than a minute ago

**anilamanalil**
added an ID to an observation by ivijayanand less than a minute ago

**the-catfinch**
added an ID to an observation by k_holt22 less than a minute ago

**jeffmci9**
added an ID to an observation by 1_fox less than a minute ago

**javigonz**
added an ID to an observation by dlbachert less than a minute ago

**mothcollins**
added an ID to an observation by mothcollins 1 minute ago

**bennypoo**
commented on an observation by joemdo 1 minute ago
Got eagle nests?

We've just launched a new project - Texas Eagle Nests - designed to collect information about Golden Eagle and Bald Eagle nests across Texas. Even though they're not an eagle, we're also accepting observations of Osprey nests in this project as well. We're interested in records of both active and inactive nests.
Yellow-banded Leafroller Parasite (Xanthopimpla rhopaloceros)
Taxa Info

Yellow-banded Leafroller Parasite (Xanthopimpla rhopaloceras)

Image of a yellow-banded leafroller parasite.

Search for species: green jay

Results:
- **Green Jay** (Cyanocitta yncas)
- **Northern Green Jay** (Cyanocitta yncas luxuosus)

Photo: © dweminkel, all rights reserved, uploaded by Dylan van Winkel.

Recently observed:
- Mayapple (Podophyllum)
Green Jay (Cyanocorax yncas)
The green jay (*Cyanocorax yncas*) is a bird species of the New World jays, and is found in both North and South America. Adults are about 27 cm (11 in) long and variable in colour across their range; they usually have blue and black heads, green wings and mantle, bluish-green tails, black bills, yellow or brown eye rings, and dark legs. The basic diet consists of arthropods, vertebrates, seeds, and fruit. The nest is usually built in a thorny bush; the female incubates the clutch of three to five eggs. This is a common species of jay with a wide range and the International Union for Conservation of Nature has rated its conservation status as being of "least concern".

Contents

- 1 Description
- 2 Taxonomy
- 3 Behavior
  - 3.1 Breeding
  - 3.2 Voice
- 4 Distribution and habitat
- 5 Status
- 6 References
- 7 External links

Description

Green jays are 25–29 cm (9.8–11.4 in) in length. Weight ranges from 66 to 110 grams (2.3 to 3.9 oz). They have feathers of yellowish-white with blue tips on the top of the head, cheeks and nape, though some taxa have more blue than others. The breast and underparts range from bright yellow in the south to pale green in the north (e.g., Texas). The upper parts are rich green. It has large nasal bristles that form a distinct tuft in some subspecies, but are less developed in others. The color of the iris ranges from dark brownish to bright yellow depending on the
### Conservation Status

<table>
<thead>
<tr>
<th>Place</th>
<th>Conservation Status</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Globally</td>
<td>Least concern (Least Concern)</td>
<td>IUCN Red List</td>
</tr>
</tbody>
</table>

**About Conservation Status**

The conservation status summarizes the risk of extinction for a group of organisms. More »

**Examples Of Ranking Organizations**

- International Union for the Conservation of Nature (IUCN)
- NatureServe

### Establishment Means

We have no establishment data for this taxon.

**About Establishment Means**

“Establishment means” describes how a species arrived where it currently occurs. Introduced means it arrived because of human activity, while native means it arrived without human assistance. Endemic species only occur in a specific place and nowhere else. More »
TPWD Estero Llano Grande State Park, TX, US

Species Guide

- Common Pauraque (Nyctidromus albicollis)
- Pond Slider (Trachemys scripta)
- Least Grebe (Tachybaptus dominicus)
- Yellow-crowned Night-Heron (Nyctanassa violacea)
- Buff-bellied Hummingbird (Amazilia yucatanensis)
- American Alligator (Alligator mississippiensis)
- Mexican Bluewing (Myscelia arubensis)
- Plain Chachalaca (Ortilius edulis)
- Vermilion Flycatcher (Pyrocephalus rubinus)
- Cinnamon Teal (Anas cyanoptera)
- Green-winged Teal (Anas crecca)
- Great Kiskadee (Pitangus sulphuratus)

https://www.inaturalist.org/places/tpwd-estro-llano-grande-state-park#guidetab
Widget for TPWD Estero Llano Grande State Park, TX, US

Preview

Search for species | Search | Colors

Powered by iNaturalist

Common Pauraque (Nyctidromus albicollis)

Pond Slider (Trachemys scripta)

 Least Grebe (Tachybaptus dominicus)

Yellow-crowned Night-Heron (Nyctanassa violacea)

Buff-bellied Hummingbird (Amazilia yucatanensis)

American Alligator (Alligator mississippiensis)

Configure

Icon size
- normal
- small

Layout
- Grid
- fluid

Labels
- Yes
- No

BG Color
Hex color, e.g., #FF0000

Taxon
Type taxon name

Code

```html
<iframe width="100%" height="600" scrolling="auto" src="https://www.inaturalist.org/places/guide_widget/tpwd-estro-llano-grande-state-park"></iframe>
```
Configure a widget to show iNaturalist.org observations on your website or blog. You may have to include the embedded CSS in the `<head>` of your HTML. Feel free to re-write the CSS.

Settings

Place
TPWD Estero Llano Grande State Park

View TPWD Estero Llano Grande St... »

Logo
- white BG GIF
- transparent PNG
- white text transparent PNG
- none

Number of observations
5

Order by
date observed on ▼

Order
- descending
- ascending

Layout
- list
- grid

Configure »

Note
New observations may take up to 15 minutes to appear in the widget.

Observations "near" a place are within a rectangle drawn around the place's boundary, which may result in some inaccurate results for places that don't resemble rectangles. This is due to a limitation with our database that we're working to resolve.
Joining Projects

Sharing observations with projects

Western Diamondback Rattlesnake (*Crotalus atrox*)

Description

Came in to work one morning to this beauty hanging out on the trail after a good meal.

Community ID

Western Diamondback Rattlesnake (*Crotalus atrox*)
Cumulative IDs: 6 of 6
Western Diamondback Rattlesnake

Description

Came in to work one morning to this beauty hanging out on the trail after a good meal.

https://www.inaturalist.org/projects/Western_Diamondback_Rattlesnake (Crotalus atrox)
Projects
Projects let you pool your observations with other people on iNaturalist.org. Whether you’re starting a citizen science effort or keeping tabs on the birds in your neighborhood, Projects are the way to go.

Start A Project

Featured

- Life Responds: Total Solar Eclipse 2017
- iNat Observation of the Day
- City Nature Challenge 2017
- BioBlitz Canada 150
Search Projects

herps of texas

Herps of Texas
The purpose of this project is to enhance our understanding of the distribution of reptiles and amphibians in Texas. Our highest priority is to collect information on Species of Greatest Conservation Need (SGCN). However, we hope this project will lead to a better understanding of the distrib...

SFASU FOR 255 Vertebrate Natural History Fall 2018
To teach students the importance of citizen science projects and to develop their proficiency in vertebrate identification. Students will be required to upload a minimum of 25 observations of vertebrate taxa to iNaturalist.org. Students are required to have at least one observation from the fl...

SFASU FOR 255 Vertebrate Natural History Fall 2017
To teach students the importance of citizen science projects and to develop their proficiency in vertebrate identification. Students will be required to upload a minimum of 25 observations of vertebrate taxa to iNaturalist.org. Students are required to have at least one observation from the ...

Fall 2019 SFASU FOR 255 Vertebrate Natural History
To teach students the importance of citizen science projects and to develop their proficiency in vertebrate identification. Students will be required to upload a minimum of 25 observations of vertebrate taxa to iNaturalist.org. Students are required to have at least one observation from the fl...

Reptiles of Texas Big Year 2014
This Project is set up to provide a leader board for the 2014 Herps of Texas Big Year Competition. This leader board is for reptiles, and there is a separate leader board for amphibians. http://www.inaturalist.org/projects/amphibians-of-texas-big-year-2014 This is not intended to be a proj...

University of Texas BIO 455L Vertebrate Natural History
A project for students of The University of Texas at Austin Spring 2017 Vertebrate Natural History class to illustrate the importance of citizen science observations. Students will be required to upload a minimum of 30 observations to iNaturalist.org (you can do more!). Watch Harry Greene's co...

University of Texas BIO 369F Field Herpetology 2018
A project for students of UT's Field Herpetology to illustrate the importance of citizen science observations. Students will be required to upload a minimum of 30 observations to iNaturalist.org (you can do more!). Watch Harry Greene's conversation at http://naturalhistoriesproject.org/convers...

SFASU FOR 255 Vertebrate Natural History Spring 2019
To teach students the importance of citizen science projects and to develop their proficiency in vertebrate identification. Students will be required to upload a minimum of 25...
Making private/obscured coordinates visible to project curators is required to Texas Nature Trackers projects.
You can see who the curators of projects are and who will see your true coordinates.
Curators

Curators can remove observations from the project and their identifications are shown alongside the observations on project-specific views. Curators can also see the true coordinates of private and obscured contributions to this project.

Cullen Hanks
Corey Roelke (UT Arlington)
Gerry Salmon
Russell Martin (TPWD)
Michael Price
Chris Harrison

Managers

Managers can do everything curators can do as well as editing project settings and write project journal posts.

Administrator, TNT Biologists (Tania Homayoun & Craig Hensley)
Toby Hibbitts (TAMU)
Andy Gluesenkamp (San Antonio Zoo)
Nathan Rains (TPWD)
Travis LaDuc (UT Austin)
Craig Hensley (TPWD)
Paul Crump (TPWD)
### Projects (2)

<table>
<thead>
<tr>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Herps of Texas</td>
</tr>
</tbody>
</table>
Unable to display image
My Content

- gcwarbler suggested an ID: Dickcissel
- connlindajo suggested an ID: sugarberry
- gcwarbler suggested an ID: common hedge parsley
- connlindajo suggested an ID: Mexican buckeye
- connlindajo suggested an ID: Asiatic jasmine
- connlindajo suggested an ID: straggler daisy

News

My Observations

- 3,345 Observations
- 757 Species
- 4,038 Identifications

Sync 2 observations

- Red-headed Woodpecker
  - Bastrop, TX 78602, USA
  - Jan 1, 4
- Pileated Woodpecker
  - Bastrop, TX 78602, USA
  - Jan 1, 4
- American Kestrel
  - Bastrop, TX 78602, USA
  - Jan 1, 4
- Red-headed Woodpecker
  - Bastrop, TX 78602, USA
  - Jan 1, 4
- Cooper's Hawk
  - Bastrop, TX 78602, USA
  - Jan 1

Northern Mockingbird

Explore
Activity
Observe
Me
More
Check for an Accuracy Measure!
Observations & iNaturalist Community

Example data voucher

Community ID process

Example Data Voucher

Inland Sea Oats (*Chasmanthium latifolium*)

**Description**

My favorite shade-tolerant grass!

**Activity**

*taniahomayoum* suggested an ID

---

**Community ID**

Inland Sea Oats (*Chasmanthium latifolium*)

Cumulative ID: 3 of 3

0 2/3nds 3
Collaborative Naturalist Community

Polistes Needs ID

Observed: Dec 10, 2017 - 3:42 PM CST
Submitted: Dec 10, 2017 - 9:36 PM CST

Be the first to save this observation!
Initial ID to the species level *Polistes carolina*
**Activity**

<table>
<thead>
<tr>
<th>User</th>
<th>Action</th>
<th>ID</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>toniehomeyean</td>
<td>suggested an ID</td>
<td></td>
<td>ID Withdrawn</td>
</tr>
<tr>
<td>Red-Wasp</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sambiology</td>
<td>suggested an ID</td>
<td></td>
<td>Improving</td>
</tr>
<tr>
<td>Polistes</td>
<td>A member of Paper Wasps (Subfamily Polistinae)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>sambiology</td>
<td>commented</td>
<td></td>
<td></td>
</tr>
<tr>
<td>jonathan142</td>
<td>suggested an ID</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Community ID**

- **Polistes**
  - Cumulative IDs: 3 of 3
  - 0: 2/3rds: 3

**Annotations (2)**

- **Attribute**
  - **Value**
  - **Agree**
  - **Disagree**
  - **Sex**
    - Female
  - **Life Stage**
    - Adult

**Projects (1)**

- **Bees and Wasps of Texas**

**Tags**

- **Add tag**

**Observation Fields**

- **Choose a field**

**Top Identifiers of Polistes**

Maybe not!
A content expert weighs in... and adds annotations
I’ve learned more about how to ID paper wasps, and so I revise my ID up to the genus level.
Identifying Observations

Contributing to community observations
Anis
Genus Crotophaga

mkkennedy suggested an ID

Birds
Class Aves

Anis
Genus Crotophaga

Captive / Cultivated

Reviewed

Agree
Comment
Add ID
Agarita
Berberis trifoliolata
Creating New Place

Places  Find a new place to explore!

Find a place  llano grande state park  Search

Here is a map showing five places:
1. JELA Barataria Unit
2. Aron Ledet
3. Shenandoah Mountain Appro...
4. Pink Casita
5. las moras

About Places

You can help improve our place data by...
Find Places

Find a place: big spring

- Big Spring State Park, US, PA Land Feature
- Big Spring Lake Bedrock Open Space
- Big Spring State Park, US, MO Land Feature
- Big Spring State Park, US, Big Spring, TX Land Feature
- Big Spring, US, WI Town
- Big Spring, US, VA Town
- Big Spring, TX, US Town
- Big Spring, Bellefonte, PA, US
- Big Spring, PA, US
Create a new place

Find a Place

Search for a place to import from Yahoo.

Map Satellite
Create a new place

Use the polygon tool to draw the place boundary. (double click to finish)

Give it some detail!

Name *
Gaines Creek Park

parent
austin

Greater Austin Metro Area, US, TX Region
Austin County, TX, US County
Austin, US, TX Town
Armstrong Woods & Austin Creek State Recreation Area
Austin Town
Stelner Ranch, Austin, TX, US Subdivision
South Austin (Zipcode 78748) Region
Austin Creek State Recreation Area, CA, US Open Space
Northwest Austin, TX, US District
University of Texas, Austin, TX, US Point of Interest
Great Hills, Austin, TX, US
Austin-Bergstrom International Airport, Austin, TX, US Airport
Austin, Chicago, IL, US
Arboretum, US, Austin, TX
Mckinney, US, Austin, TX
Austin, PA, US Town
Tarrytown, Austin, TX, US
Texola Country, Austin, TX, US (uninc.)
Create a new place

Use the polygon tool to draw the place boundary. (double click to finish)

Give it some detail!

Name *
Gaines Creek Park

parent
Austin, US, TX Towns

Latitude

Longitude

You must specify coordinates if you don't draw a boundary or upload KML.

KML (optional)
KML of the place boundary. You can make one using Google Maps, Google Earth, or most GIS applications. Must have at least one polygon and be under 1 MB (5 MB for site curators).

Choose File | No file chosen

Place type
Unknown

Check lists allowed?
Note: check lists will be automatically disabled for very large places.
Create a new place

Use the polygon tool to draw the place boundary. (double click to finish)

Give it some detail!

Name
Gaines Creek Park

parent
Austin, US, TX Town

Latitude

Longitude

You must specify coordinates if you don't draw a boundary or upload KML.

KML (optional)
KML of the place boundary. You can make one using Google Maps, Google Earth, or most GIS applications. Must have at least one polygon and be under 1 MB (5 MB for site curators).

Choose File

Place type
Unknown

Check lists allowed?
Note: check lists will be automatically disabled for very large places.
Create a new place

Use the polygon tool to draw the place boundary. *(double click to finish)*

**Give it some detail!**

**Name:**
Gaines Creek Park

**Open Space:**
Unknown

**Check lists allowed?**
Note: check lists will be automatically disabled for very large places.
Create a new place

Use the polygon tool to draw the place boundary. *(double click to finish)*

Give it some detail!

Name

Gaines Creek Park

Parent

Austin, US, TX Town

Latitude

30.24200127765586

Longitude

-97.83375835431798

You must specify coordinates if you don't draw a boundary or upload KML.

KML (optional)

KML of the place boundary. You can make one using Google Maps, Google Earth, or most GIS applications. Must have at least one polygon and be under 1 MB (5 MB for site curators).

Choose File

No file chosen

Place type

Open Space

Check lists allowed?

Note: check lists will be automatically disabled for very large places.

Save place
Creating a Project

Collection & Umbrella Projects
Welcome to Projects!

We redesigned projects to automatically include all of the observations that fit the places, taxa, users, quality, and dates that you define. Choose between two types: Collection Projects and Umbrella Projects, which share the following features:

- Custom banner, icon, and project description
- Unique URL for outreach
- Users can follow your project for updates via journal posts
- Multiple project administrators
- No need to rely on manual addition of observations or on the aggregator to index observations

Collection Projects

A collection project allows you to gather and visualize observations using the core iNaturalist search tools. This eliminates the need to manually add observations because everything that meets the parameters set by the project will be automatically included.

Collection Project features:
- Data visualizations

Umbrella Projects

An umbrella project can be used to compare statistics across two or more Collection or Traditional Projects. The other projects need to exist before you can add them to an umbrella project. You can include hundreds of projects under a single umbrella. Umbrella projects cannot contain other umbrella projects.

Umbrella Project features:
Collection Projects
A collection project allows you to gather and visualize observations using the core iNaturalist search tools. This eliminates the need to manually add observations because everything that meets the parameters set by the project will be automatically included.

Collection Project features:
- Data visualizations
- Leaderboards among individuals
- Can be included in multiple umbrella projects
- Start and end times for bioblitzes

Pros:
- Great data visualization
- Project automatically gathers observations for the designated time/place – no need to join

Cons:
- Can’t see obscured/private coordinates

Do you need features from traditional projects, such as access to true coordinates, custom observation fields, or adding individual observations that can’t be automatically filtered? Use this link to create a traditional project instead.
Most observations
- nanofishology: 1,532
  - ncwey: 558
  - kucyed: 543
  - plectrudi: 532
  - taniahomayoun: 422
  - kcoxau79: 382

Most species
- nanofishology: 566
  - kucyed: 383
  - ncwey: 345
  - mike451: 278
  - plectrudi: 261
  - forsterbabberney: 244

Most observed species
- Pinkladies: 110
  - Indian Blanket: 106
  - Common Hedge Parsley: 96
  - Texas Bluebonnet: 95
  - Mustang Grape: 86
  - Upright Prairie Coneflower: 83

Project Requirements
- Observations in this project must meet the following criteria:
  - Taxa: All taxa
  - Location: Greater Austin Metro Area, US, TX
  - Users: Any
  - Quality Grade: Any
  - Media Type: Any
  - Date: April 27 to April 30

Stats
- 2,350 Species

News
- May 4, 2018 - 3:47 PM
  - City Nature Challenge 2018 Results!
    This year’s City Nature Challenge was AMAZING! Almost 70 cities around the world, all mobilizing their residents and vis...

- May 2, 2018 - 11:39 AM
  - City Nature Challenge Uploading and Identifying Phase
    Hi everyone,
    First off, AMAZING job on the City Nature Challenge this year! We are so awed by and grateful for all the...

- May 1, 2018 - 10:26 AM
  - Let’s meet to verify observations!
    Greetings to all of you in Austin.
    Now the real work begins. Verification of all the observations.
Stats

17,761 Observations

Research grade: 9,533 observations (53.63%)
- Needs id
- Supporting
- Casual

2,350 Species

- Unknown
- Protozoans
- Fungi
- Plants
- Chromista
- Mollusks
- Insects
- Arachnids
- Ray-finned fish
- Amphibians
- Reptiles
- Birds
- Mammals
- Other animals

34,635 Identifications

- Improving
- Supporting
- Leading
- Maverick

Most Comments and Faves
Project Details

Project Name *
Mineola Nature Preserve June 2018 BioBlitz

Project Icon (PNG, JPG, or GIF)
Optional icon. Should be a minimum of 72px x 72px and will be cropped to a square.

Choose file
(or drag and drop)

TNTIcon2.png

Project Banner (PNG, JPG, or GIF)
Optional banner image. Ideal dimensions are 760px by 320px.

Choose file
(or drag and drop)

MinueolaNaturePreserve_Dave...

Project Summary *
Give a concise explanation of your project. Approximately the first 200 characters will be visible to the right of the project home screen banner so put the best stuff first!

This project is designed to capture data on plants and animals found in the Mineola Nature Preserve as part of an iNaturalist training workshop hosted by the East Texas Master Naturalists. Our BioBlitz - open to all taxa - will run from 11:00am - 6:00pm on June 14, 2018.

The rules:
- Record all living (and dead!) wild organisms you find

Project Summary Background Color
Make sure to choose a color dark enough so the white overlaid text is legible.

#287d61

Observation Requirements
Please specify the requirements for the observations to be added to this project. You can select multiple species, places, and users to be automatically included.

<table>
<thead>
<tr>
<th>Taxa</th>
<th>Places</th>
<th>Users</th>
</tr>
</thead>
</table>
Project Details

**Project Name**
Mineola Nature Preserve June 2018 BioBlitz

**Project Icon (PNG, JPG, or GIF)**
Optional icon. Should be a minimum of 72px x 72px and will be cropped to a square.

Choose file (or drag and drop)

TNTicon2.png

**Project Banner (PNG, JPG, or GIF)**
Optional banner image. Ideal dimensions are 760px by 320px.

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</tr>
</tbody>
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Observation Requirements

Please specify the requirements for the observations to be added to this project. You can select multiple species, places, and users to be automatically included.

**Taxa**
- Birds, monarch, etc.

**Places**
- Zion National Park, Miami, etc.
- Mineola Nature Preserve, TX, US

**Users**
- kueda, simon123, etc.

**Data Quality**
- Research
- Needs ID
- Casual

**Media Type**
- Any
- Has sound
- Has photo
- Has both photo and sound

**Date Observed**
- Any
- Exact YYYY-MM-DD

- Range 2018-06-16 11:00 - 05:00
  2018-06-16 18:00 - 05:00

(Note: you can delete the time zone and precise times if you want to include whole days.)

- Months Select options

**Admin(s)**
Note: these users will be able to edit ALL project details including admins.
- kueda, simon123, etc.
- texasnaturetrackers
- lanlahornayoun (owner)

* Required

**Done**  **Cancel**
Can create class list – only these users can contribute, so leave blank for general participation.
Observation Requirements

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**Places**
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**Users**
- kueda, simont23, etc.

**Date Observed**
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**Data Quality**
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- Needs ID
- Casual

**Media Type**
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- Has sound
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* Required

- Done
- Cancel

Note: All project details including admins.
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Admin(s)
Note: these users will be able to edit ALL project details including admins.
- kueda, simon123, etc.
- texasnaturetrackers
- tanlahornayoun (owner)

* Required

Done Cancel
Pros:
• Great data visualization
• Project automatically gathers observations for the designated time/place – no need to join
• Summarizes multiple projects

Cons:
• Can’t see obscured/private coordinates
City Nature Challenge 2018
April 27 – 30

About
The City Nature Challenge is an international effort for people to find and document plants and wildlife in cities across the globe. It's a bioblitz-style competition where cities are in a contest against each other to see who can make the most observations of nature, who can find the most species, and who can engage the most people. In

Overview
426,533 OBSERVATIONS
18,192 SPECIES
3,918 IDENTIFIERS
16,527 OBSERVERS

Leaderboard
Sort by: Observations | Species | Observers

- City Nature Challenge 2018: San Francisco Bay Area: 42,210
- City Nature Challenge 2018: Dallas/Fort Worth: 34,848
- City Nature Challenge 2018: San Diego County: 33,637
Leaderboard

Sort by: Observations | Species | Observers

- City Nature Challenge 2018: San Francisco Bay Area: 2,953
- City Nature Challenge 2018: Houston: 2,872
- City Nature Challenge 2018: San Diego County: 2,686
- City Nature Challenge 2018: Hong Kong: 2,673
- City Nature Challenge 2018: Dallas/Fort Worth: 2,313
- City Nature Challenge 2018: Austin: 2,125
- City Nature Challenge 2018: Los Angeles: 2,097
- City Nature Challenge 2018: Washington, DC metro area: 1,679

Map of Observations
Stats

426,533 Observations
- Research grade
- Needs id
- Casual

18,192 Species
- Unknown
- Protozoans
- Fungi
- Plants
- Chromista
- Mollusks
- Insects
- Arachnids
- Ray-finned fish
- Amphibians
- Reptiles
- Birds
- Mammals
- Other animals

733,578 Identifications
- Improving
- Supporting
- Leading
- Maverick

Most Comments and Faves

Images of birds and plants.
How to Get Involved

Citizen Science & Beyond
Contribute to TNT on iNaturalist

• Share your iNaturalist observations with Texas Nature Trackers projects and events

• Be creative!
  – Nature hikes
  – Habitat work days
  – Events
  – Adopt a site/park
  – Host a bioblitz
  – Ask your own questions
Management and Policy

Documenting biodiversity in public lands
Happening Now!

October 4-20, 2019

2019 Texas Pollinator BioBlitz

- All ages and abilities welcome!
- Share pollinator and flowering plant observations on iNaturalist.
- New challenges and pollinator info emailed daily!

Sign up at tpwd.texas.gov/education/bioblitz
City Nature Challenge 2020

Save the Date!
April 24-27, 2020
2019 City Nature Challenge
State-wide Results for Texas Metros
April 26-29, 2019
46 counties

More than:
• 98,000 observations
• 6,300 species recorded
• 3,400 observers
• 1,500 identifiers
# Texas Rankings in 2019 City Nature Challenge

*as of May 6, 2019*

<table>
<thead>
<tr>
<th>Metro</th>
<th># Observations</th>
<th># Species</th>
<th># Observers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amarillo</td>
<td>85</td>
<td>84</td>
<td>94</td>
</tr>
<tr>
<td>Austin</td>
<td>16</td>
<td>14</td>
<td>13</td>
</tr>
<tr>
<td>Corpus Christi</td>
<td>62</td>
<td>53</td>
<td>55</td>
</tr>
<tr>
<td>DFW</td>
<td>7</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>El Paso</td>
<td>75</td>
<td>73</td>
<td>76</td>
</tr>
<tr>
<td>Houston</td>
<td>13</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>LRGV</td>
<td>32</td>
<td>19</td>
<td>62</td>
</tr>
<tr>
<td>San Antonio</td>
<td>38</td>
<td>28</td>
<td>21</td>
</tr>
</tbody>
</table>
Questions?

Texas Nature Trackers Biologists:

Tania Homayoun
Tania.Homayoun@tpwd.texas.gov

craighensley

craig.Hensley@tpwd.texas.gov

taniahomayoun

Alan Vernon, Flickr Creative Commons