

Use the eButterfly app if you like taking field notes on your phone.



eButterfly App

eButterfly is an online platform and app that helps you find, identify, and share butterfly sightings, and contribute to scientific research and conservation. Everyone is welcome, from complete beginners to professionals.

Getting Started

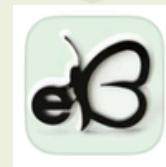
1 Go to app store on your phone.
Download eButterfly app.

App Store
Icon on
iphone



or

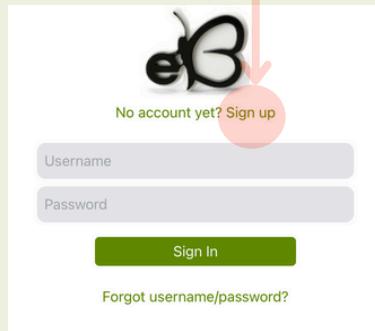
App Store
Icon on
Android



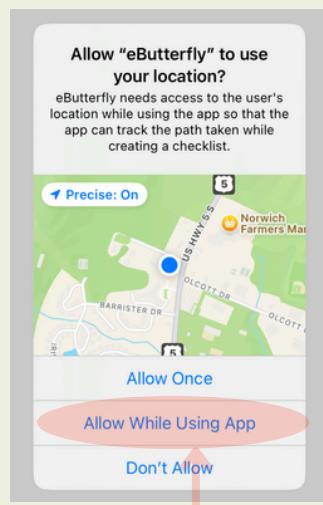
eButterfly App Icon

2

Sign up

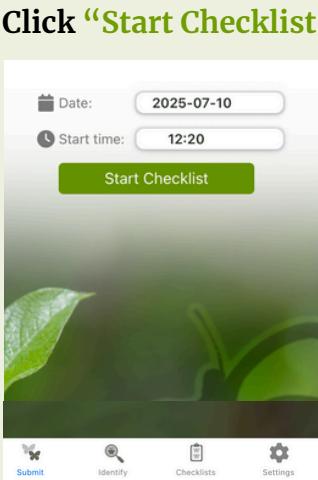


eButterfly will ask you to use your location. Choose:
“Allow While Using App”

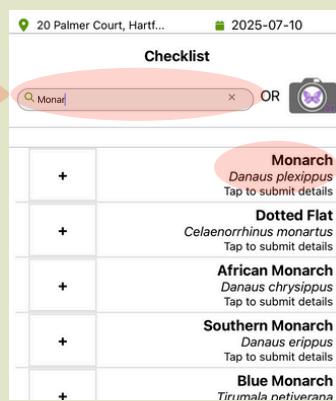


Make a Checklist

Click “Submit” icon. Located in menu at bottom of screen.



If you can ID the butterfly, type the name into search bar.

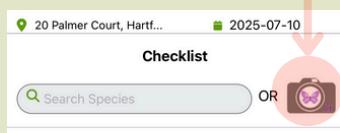


Select butterfly.

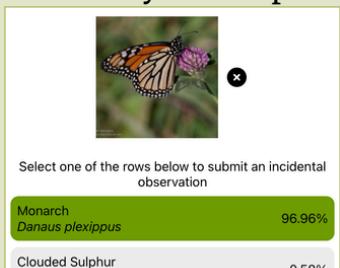


OR

If you need help with ID click camera icon.



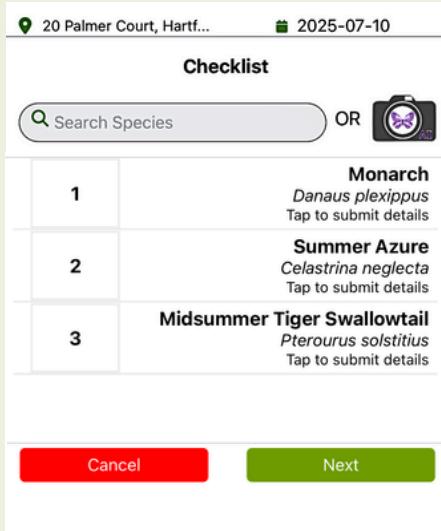
Add a photo or take a picture.
eButterfly will help ID.



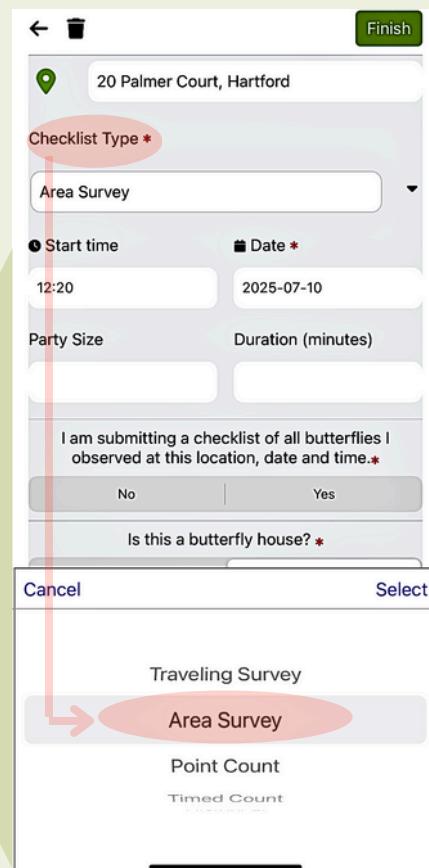
Repeat either of these steps for all species you see.

Make a Checklist (cont.)

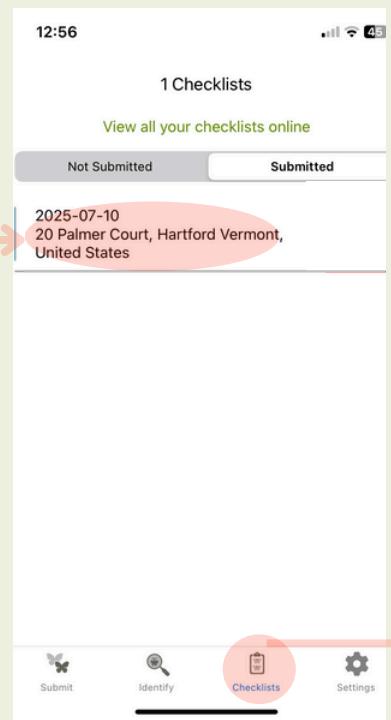
Once you've entered all of the butterflies you saw into your checklist, click "Next."



Select checklist type* and fill out form.



Click Finish. Your checklist will be published. You can access checklists in menu at bottom of your screen.



*Use one of the following checklist types:

Traveling Survey

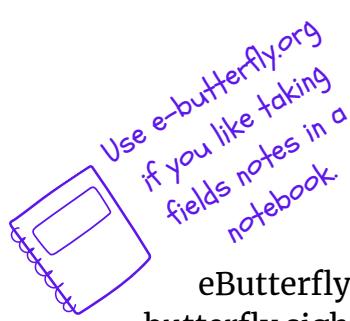
You traveled a specific distance - walking a trail in a green space.

Area Survey

You surveyed a defined area, often performed when covering the same ground repeatedly during a specific amount of time.

Incidental

Observing butterflies was not your primary purpose or you lack information about how many other butterfly species are in the area during the observation period (e.g. butterflying while driving or gardening).

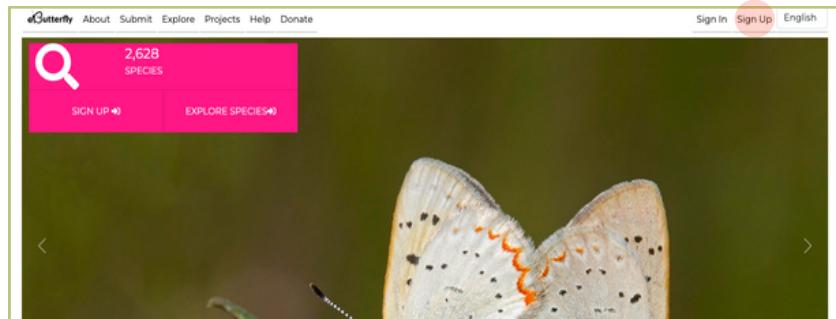


e-Butterfly.org

eButterfly is an online platform and app that helps you find, identify, and share butterfly sightings, and contribute to scientific research and conservation. Everyone is welcome, from complete beginners to professionals.

Getting Started

- Visit e-Butterfly.org and make an account.
- Do a practice survey in a nearby green space. Bring a notebook and pencil, plus either your phone or a camera.
- When you see a butterfly, take a quick picture with your phone or your camera. Try to get closer. Take more pictures from multiple angles and with wings open and closed. (A blurry photo is better than no photo!)
- If you don't get a picture, that's okay! Write down notes on what you saw. It can be anything from "butterfly", to its family (swallowtail), genus (tiger swallowtails), or species (Canadian Tiger Swallowtail). Or just its color, location, number, and if it was interacting with plants.
- Come back home and enter your observations on e-butterfly.org.



Entering Your Observations in a Checklist

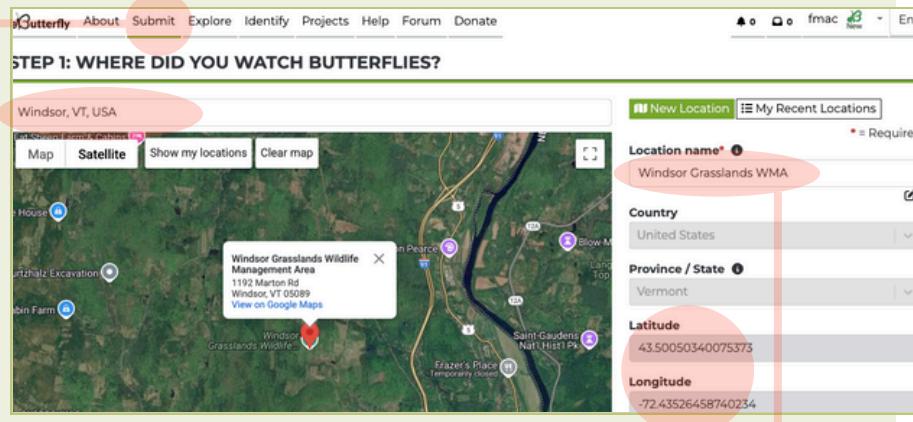
1 Where Did You Watch Butterflies?

- Navigate to the "Submit" Page.

- Search for the location where you went butterflying.

- Longitude and Latitude coordinate will auto-populate (These fields are required.)

- Name your location.



Entering Your Observations (cont.)

2 When (and how) did you go watch Butterflies?

Select Survey Type

STEP 2: WHEN DID YOU GO WATCH BUTTERFLIES?

Traveling Survey
You traveled a specific distance - Walking a trail in a green space.

Area Survey
You surveyed a defined area, often performed when covering the same ground repeatedly during a specific amount of time.

Point Count
Selected a predetermined place to spend a fixed amount of time observing an

Then fill out the fields on the right

Observation Date*

Distance Traveled* **Unit***

Start Time* **Duration (minutes)***

Party Size*

Are these butterflies in captivity? Yes No

Share with Other Observers

3 What butterflies did you see?

STEP 3: WHAT BUTTERFLIES DID YOU SEE?

If you can ID your butterfly choose “Add a species.”
OR

If you can’t ID your butterfly, eButterfly will help.
Choose “Add image to automatically recognize species.”

Upload your best photo.

Upload photo for AI 

Select or Drag & Drop a File
Maximum image size is 20Mb

Click “Make Prediction.”



Select the top row.

West Virginia White
Pieris virginensis 99.21%

Mustard White
Pieris oleracea 0.30%

Margined White
Pieris marginalis 0.03%

Create an entry for each species you saw.

(Fill out all fields marked with red asterisk.)

Click **Finish** to submit your checklist.

Three side-by-side data entry forms for different butterfly species:

- Species Name ***: Question Mark *Polyommatus interrogationis*
- Species Name ***: Northern Azure *Celastrina lucia*
- Species Name ***: West Virginia White *Pieris virginensis*

Each form includes fields for Count, Add Image, eButterfly Lifesage, Data Usage, Basis of Record, Field Notes, and a Yes/No button at the bottom.

Butterfly Atlas

Join us as we search fields and fens, mountains and meadows, even your own backyard, to document the status of Vermont butterflies.

Getting Started

1 Choose a place to go butterflying.

It can be your favorite natural area.

OR

A Priority Block.

Check out our interactive **priority block map** and adopt a block.



If you adopt a priority block, you are committing to at least one survey each month of that block between April and October.

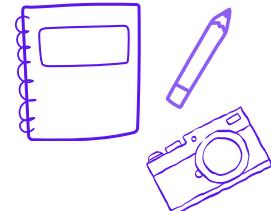
2 Start observing!

Download the eButterfly App on your phone to record your observations and submit checklists as you go.



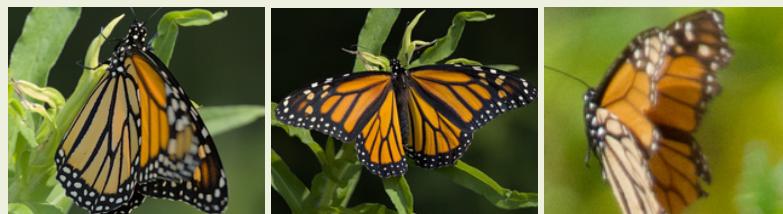
OR

Use a notebook and take photos in the field then enter your observations into e-Butterfly.org.



Tips & Tricks

- Get up close and fill the frame.
- Take photos from multiple angles (top, bottom, side, front, back) or that show different features (wings, antennae).
- A blurry picture is better than no picture!
- Submit your checklist even if you see no butterflies.
- If you don't know what you're looking at, don't worry! eButterfly will help you ID your observations.



Learn more about the Second Butterfly Atlas

