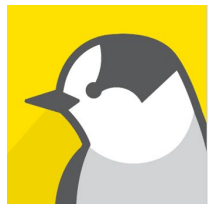


NatureCounts

Using the NatureCounts App
for the North American
Nightjar Survey



NatureCounts



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Section 1:

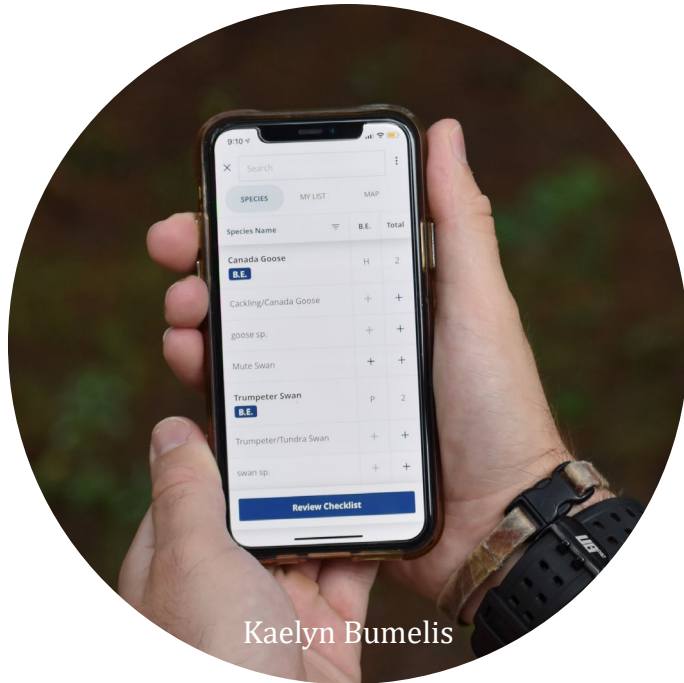
Introduction



Kaelyn Bumelis

The App

- The NatureCounts app takes the place of paper data forms. With a bit of practice, it makes data entry easy and efficient. It also allows you to instantly submit your data from your mobile device.
- This step-by-step document explains the process of completing a survey on the app. You can practice by following along on your device, and delete your checklist, rather tapping 'Complete' survey at the end.



Kaelyn Bumelis

The App

- This document is *not* a complete explanation of the survey protocol. Please refer to the protocol to ensure you are familiar with it.
- When completing a survey using the app, don't forget to ensure that your mobile device is fully charged and will last the duration of the survey.

Section 2:

Downloading the App



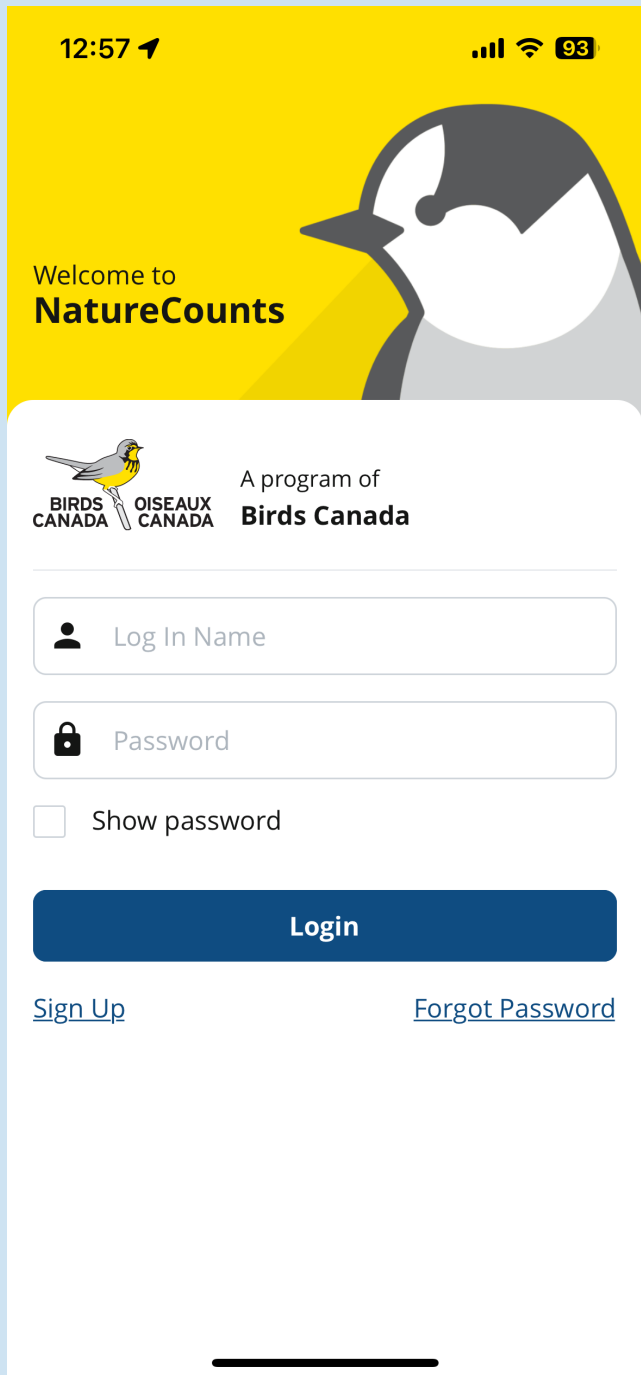
- To use the NatureCounts app, you will need either an Android or Apple iOS device.
- You can download the app for free from Google Play on Android devices or the App Store on Apple devices.
- Simply search for 'NatureCounts' and look for the Canada Jay icon shown here on the left.

Section 3:

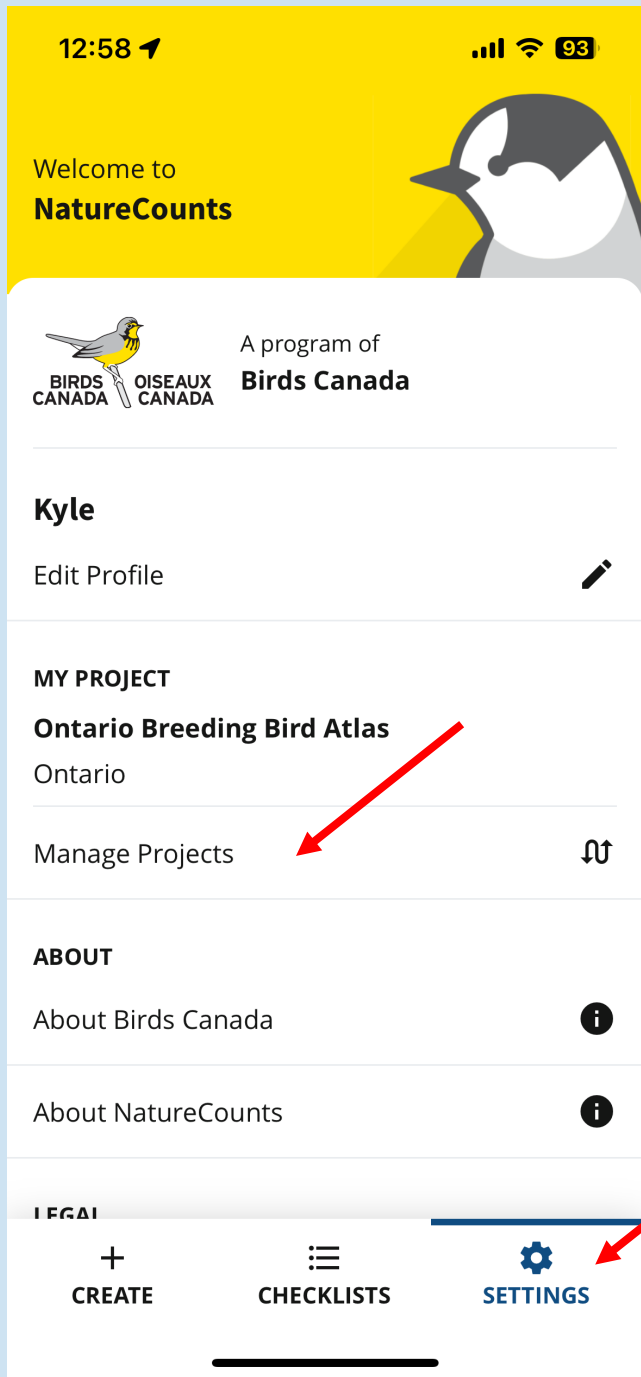
Signing In & Getting Started



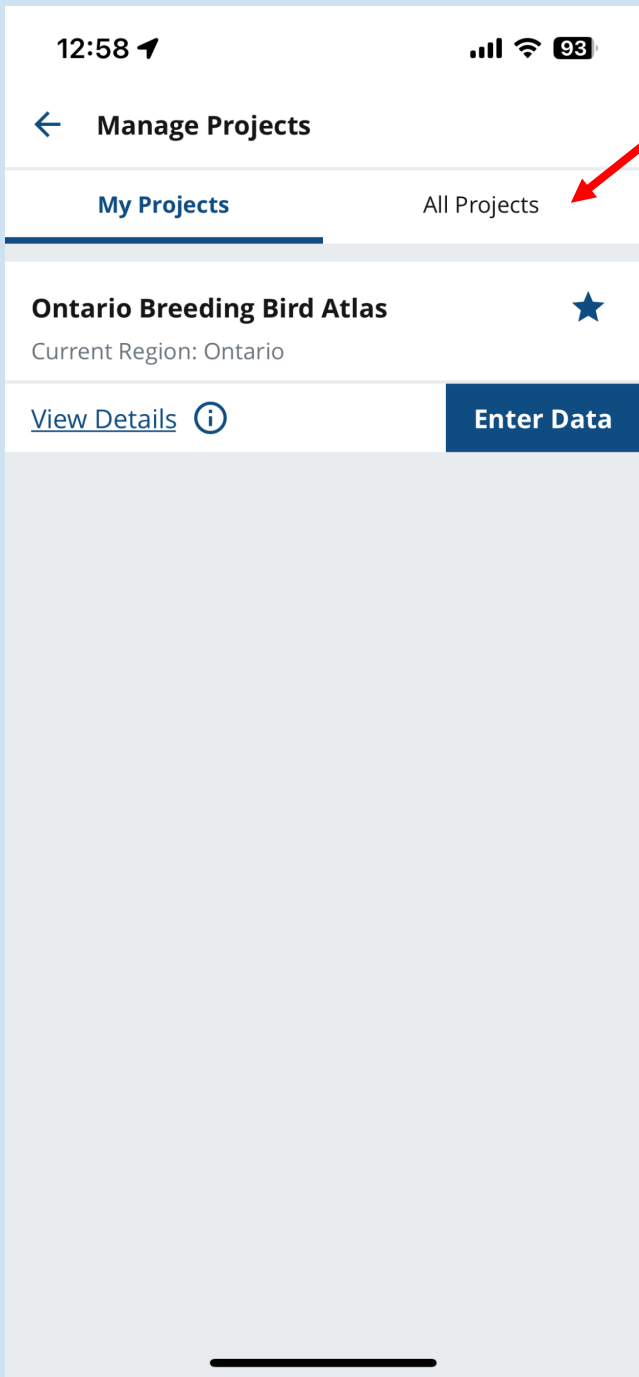
- Note that the steps in this section (Signing In & Getting Started) must be completed when your device is connected to Wi-Fi or cellular data.
- Once you have signed in and selected the correct project, you may complete your survey even without cellular reception. See [Section 6 – Working Offline](#) for details.



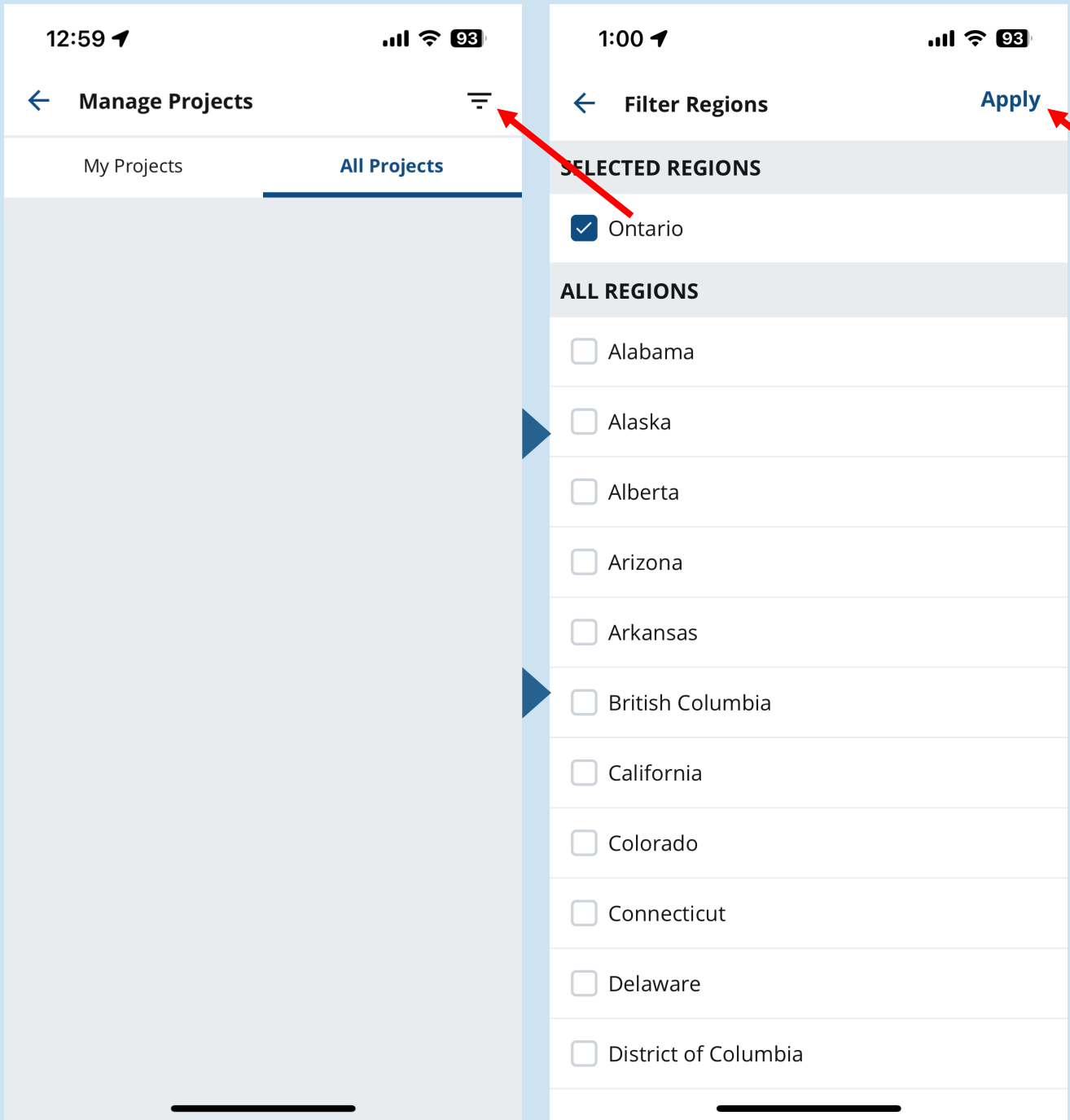
- Once you have downloaded the app, tap the app icon to open it.
- When prompted, sign in using your NatureCounts login and password (the same login and password that you use on the NatureCounts website).
- If you do not have an account, you can create one for free on the [NatureCounts website](#) or by tapping on 'Sign Up' in the app.



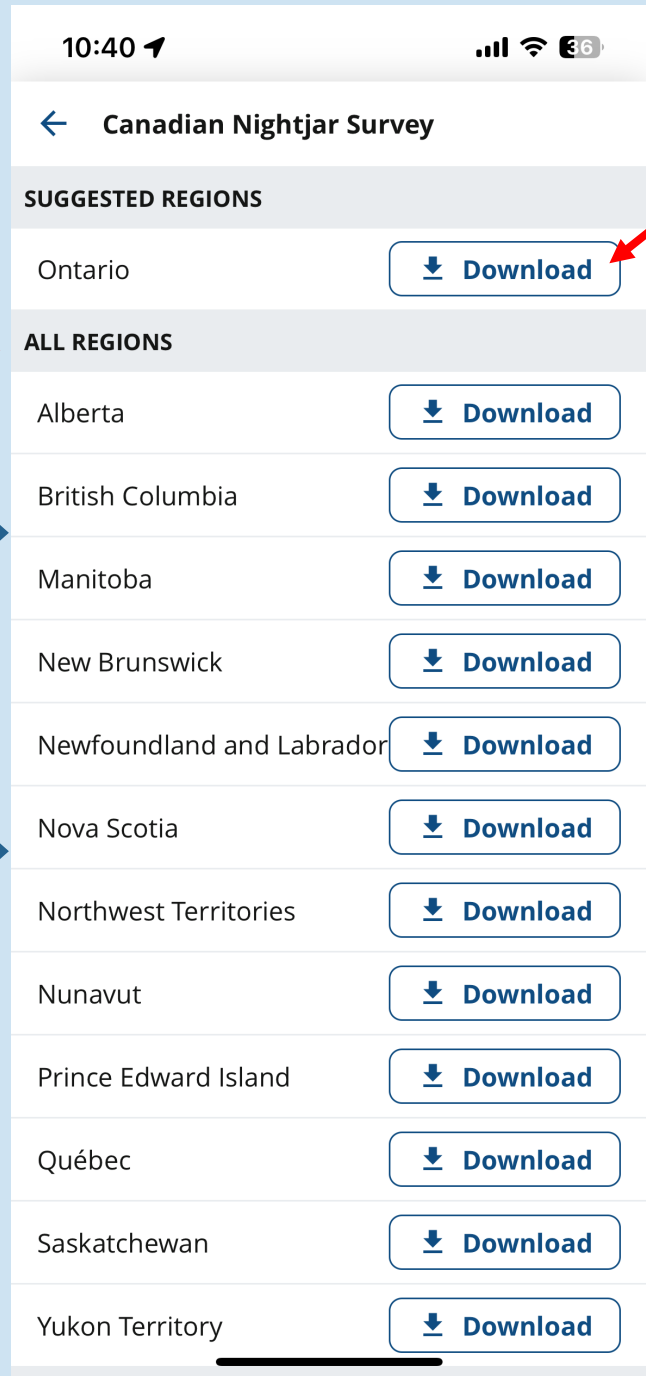
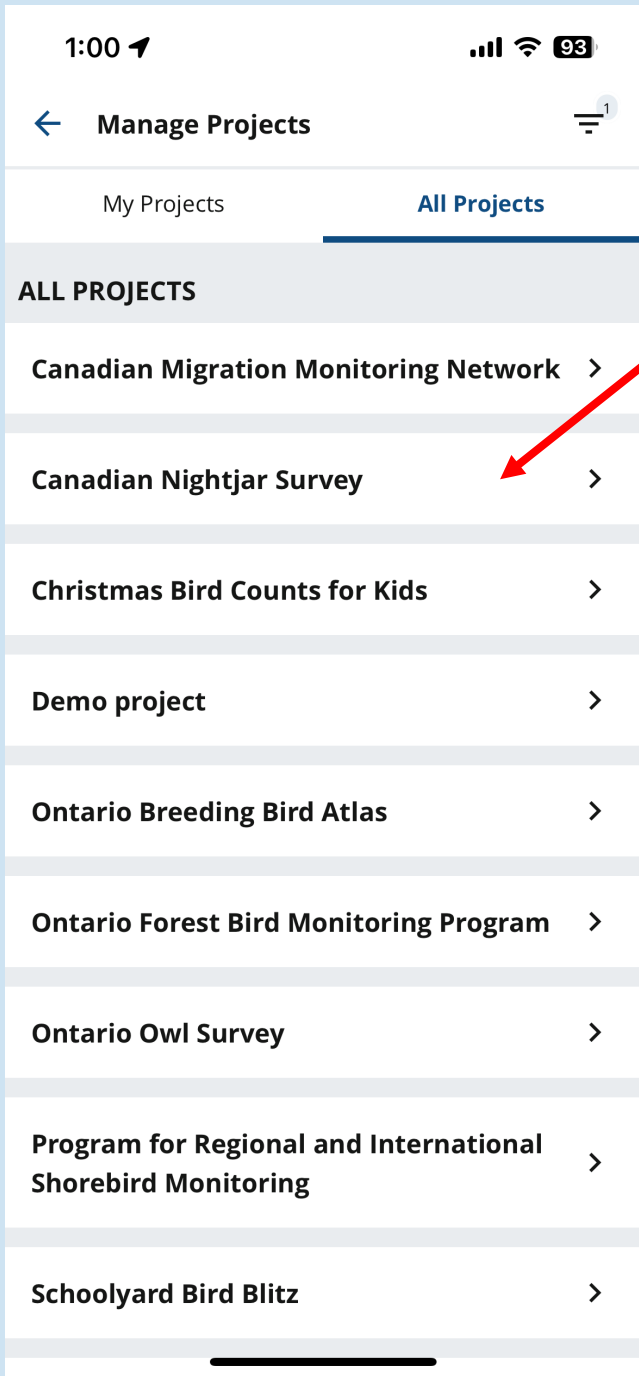
- When you have signed in, you will see three tabs at the bottom of the screen: Create, Checklists, and Settings. Tap ‘Settings’ to see your profile and projects.
- Once in Settings, tap ‘Manage Projects’ to select the North American Nightjar Survey*.
- *Please note that , while these directions make reference to the "Canadian Nightjar Survey, these directions pertain to the North American Nightjar Survey.



- If you see the North American Nightjar Survey under My Projects, tap 'Enter Data' to begin.
- If you do not see the survey under My Projects, tap 'All Projects' to locate it.

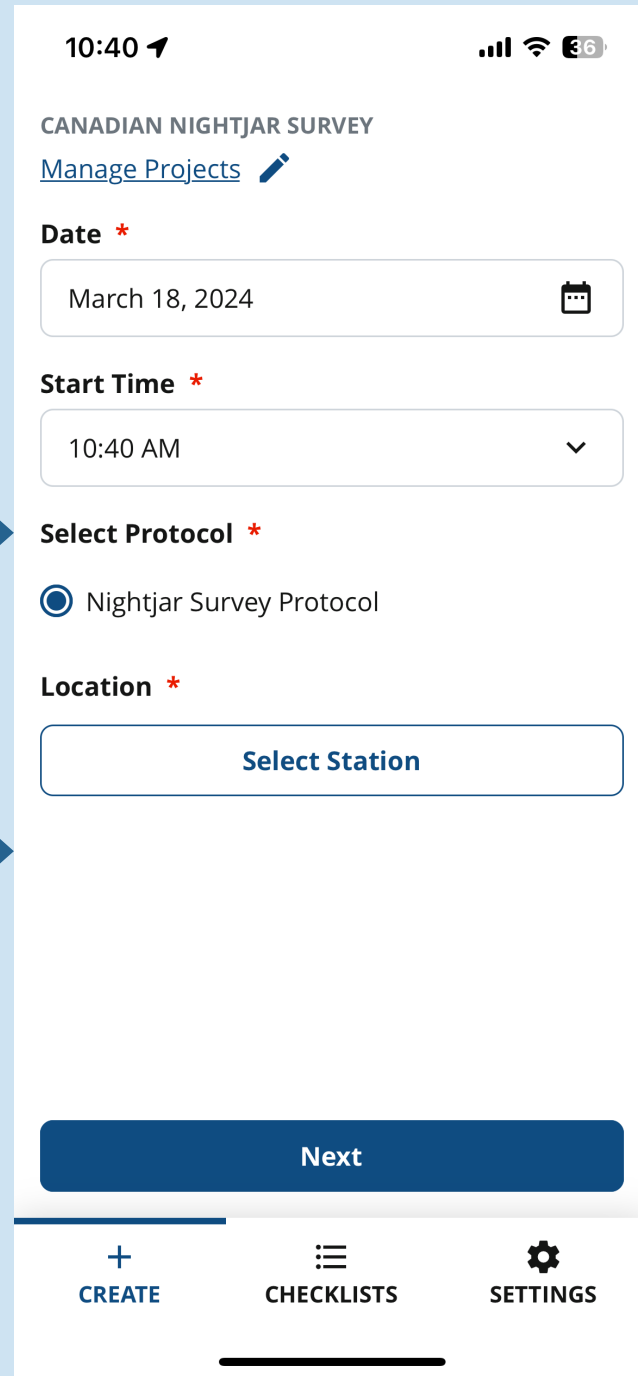
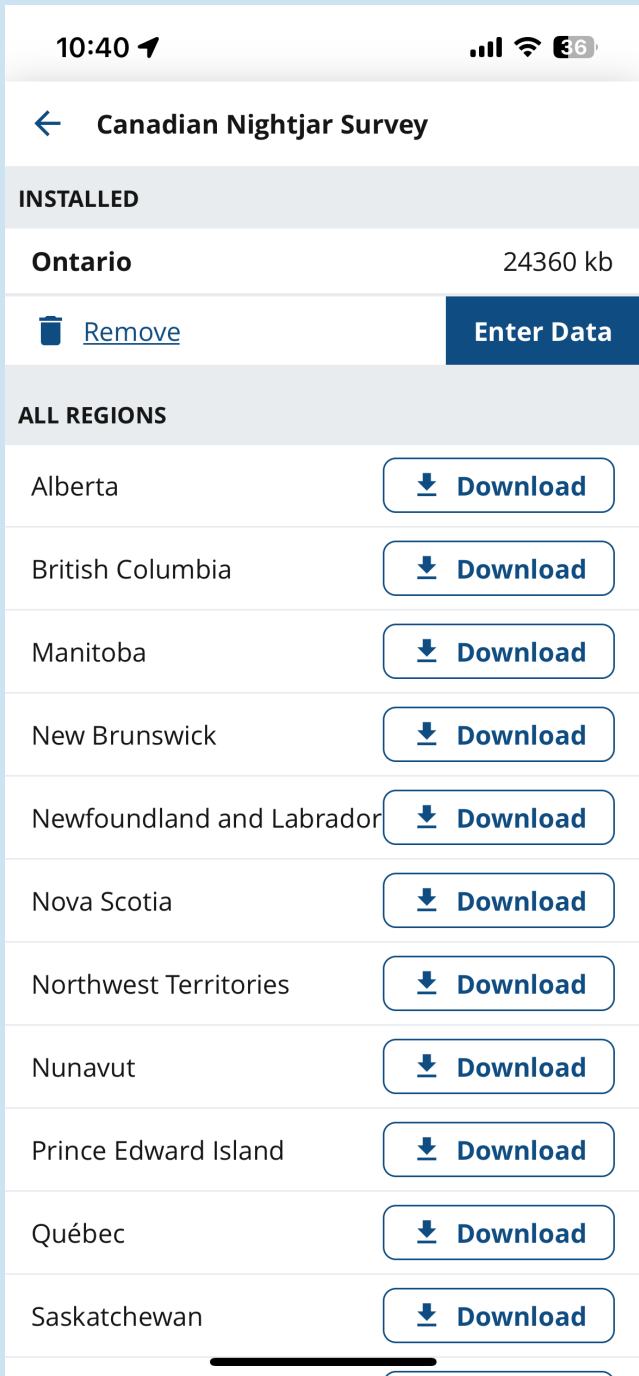


- With 'All Projects' selected, tap the menu icon (three horizontal bars in the upper right). Select your region from the list by tapping the check-box beside it.
- With your region selected, tap 'Apply'.



North American Nightjar Survey




- Select the North American Nightjar Survey region from the list of projects by tapping it, then on the following screen tap 'Download'.




- Once downloaded, your project will show under 'Installed'. To go directly to data entry, tap 'Enter Data'.
- In future, your project should display in the My Projects list.
- You are now ready to begin your North American Nightjar Survey!

Section 4:


Checklist Setup & Preparation

10:40   


CANADIAN NIGHTJAR SURVEY

[Manage Projects](#) 

Date *

March 18, 2024 

Start Time *

10:40 AM 




Select Protocol *

Nightjar Survey Protocol

Location *




Select Station

Next


  

CREATE CHECKLISTS SETTINGS


- With the correct project selected, you can begin data entry at any time by tapping the 'Create' tab at the bottom of the screen.

10:40   


CANADIAN NIGHTJAR SURVEY

[Manage Projects](#) 

Date *

March 18, 2024 

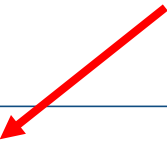
Start Time *

10:40 AM 




Select Protocol *

Nightjar Survey Protocol

Location *

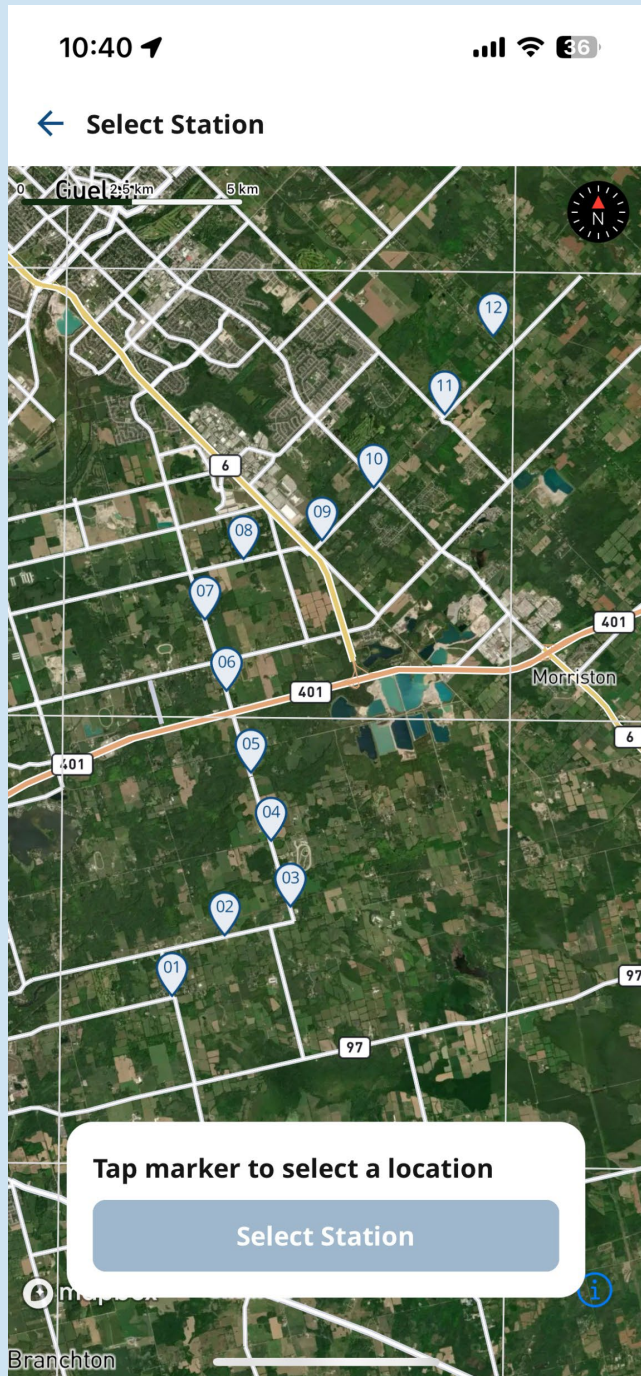
Select Station 

Next

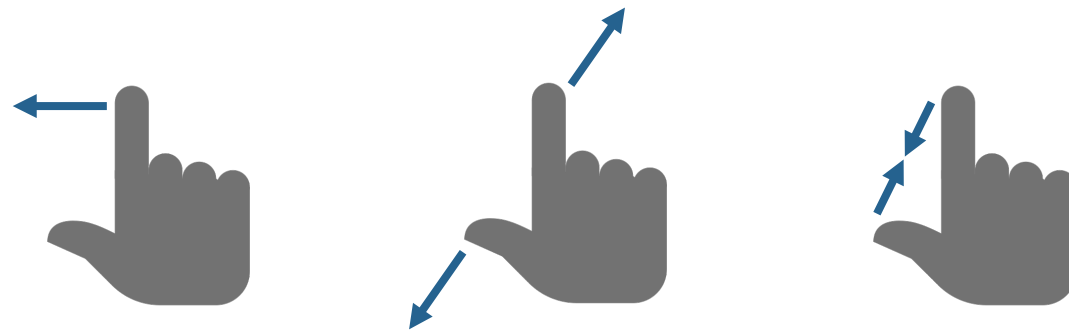
  

CREATE CHECKLISTS SETTINGS

- On the Create tab, the app will automatically select the current date and time.
- Below the date and time, the correct protocol should be selected.
- To select your route from the map, tap ‘Select Station’.



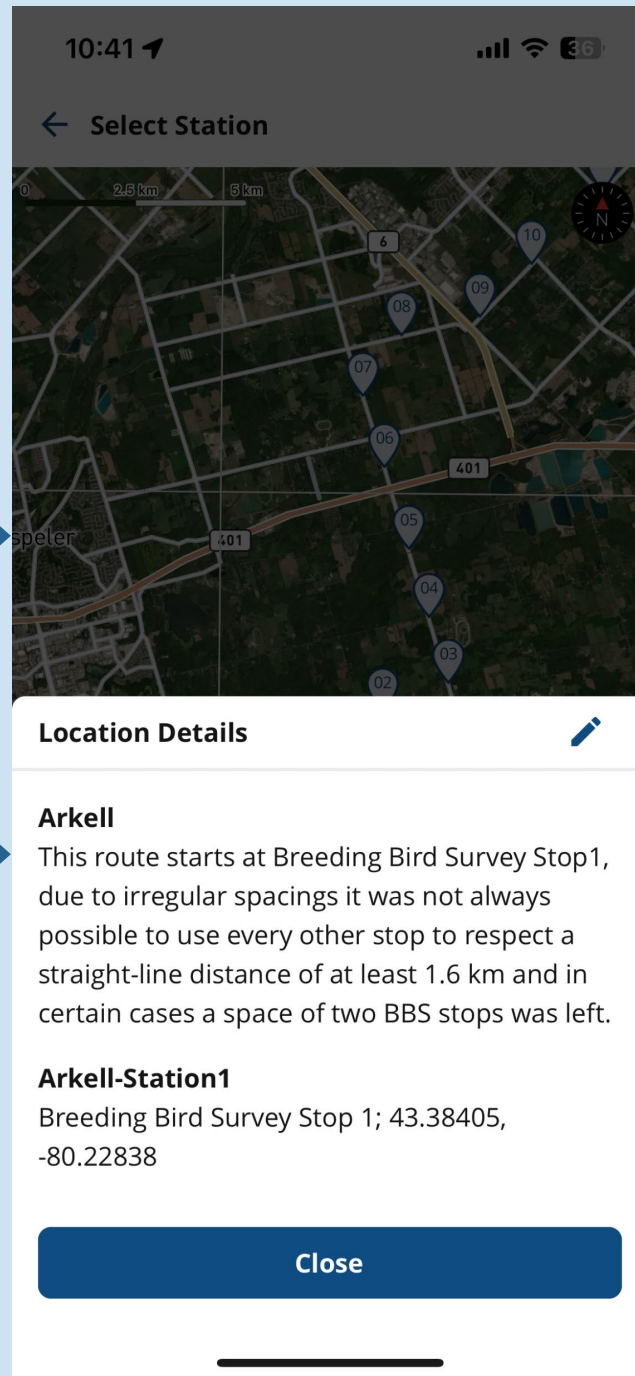
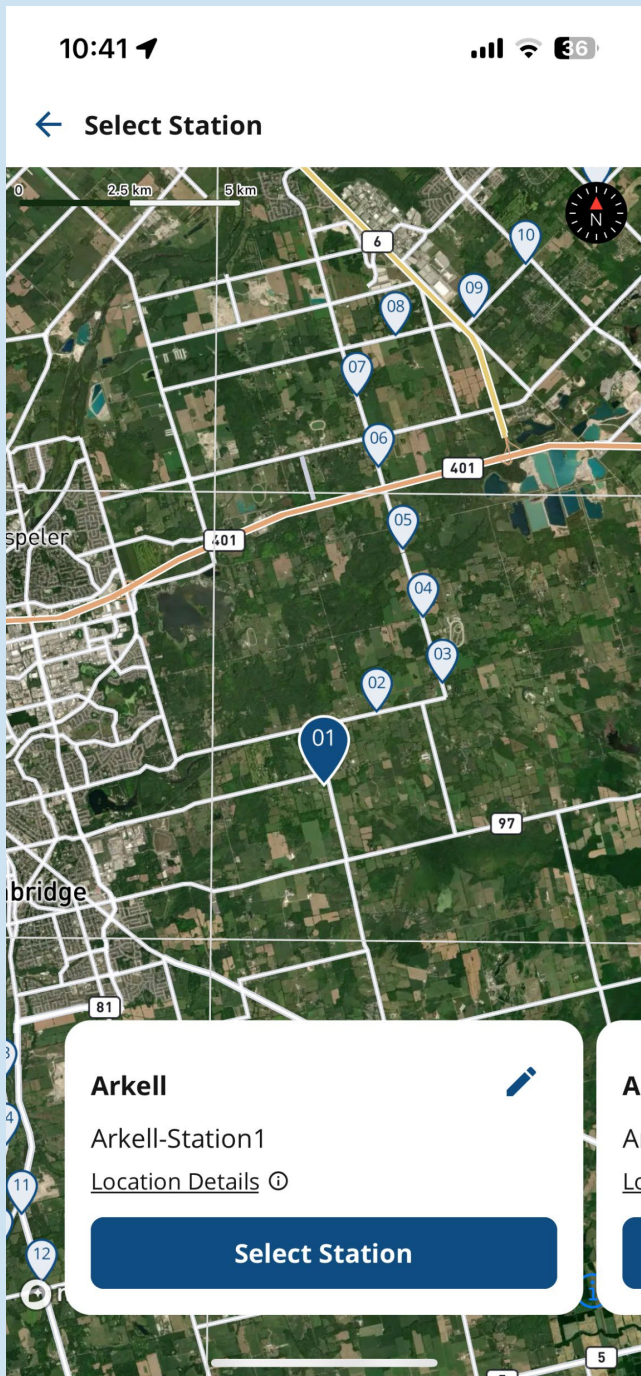
- Locate your route on the map by tapping and dragging to move around. You can pinch to zoom in and out.



A Note About Stations:

- It is advisable to check your stations in the app to ensure they are correctly located. Please notify the project coordinator if you notice any discrepancies
- It is also wise to visit your stations during daylight hours prior to conducting your survey. This ensures your stations are easy to find and access, and that you avoid any confusion or surprises at survey time.

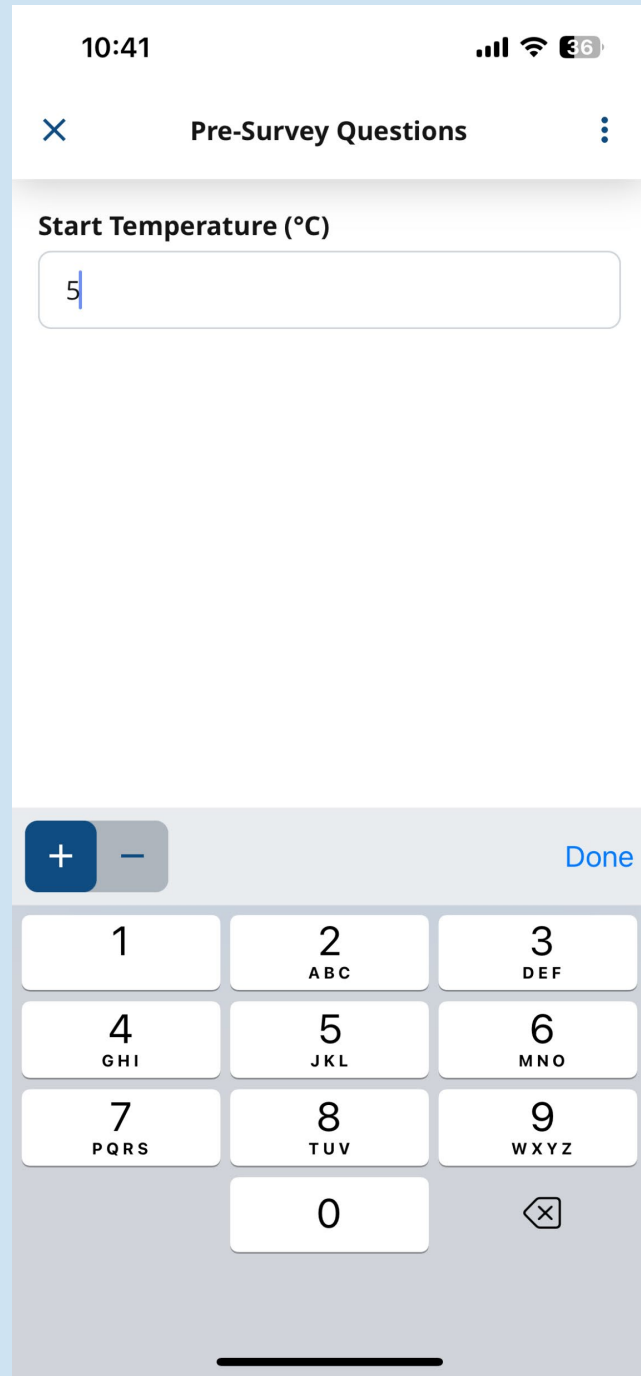
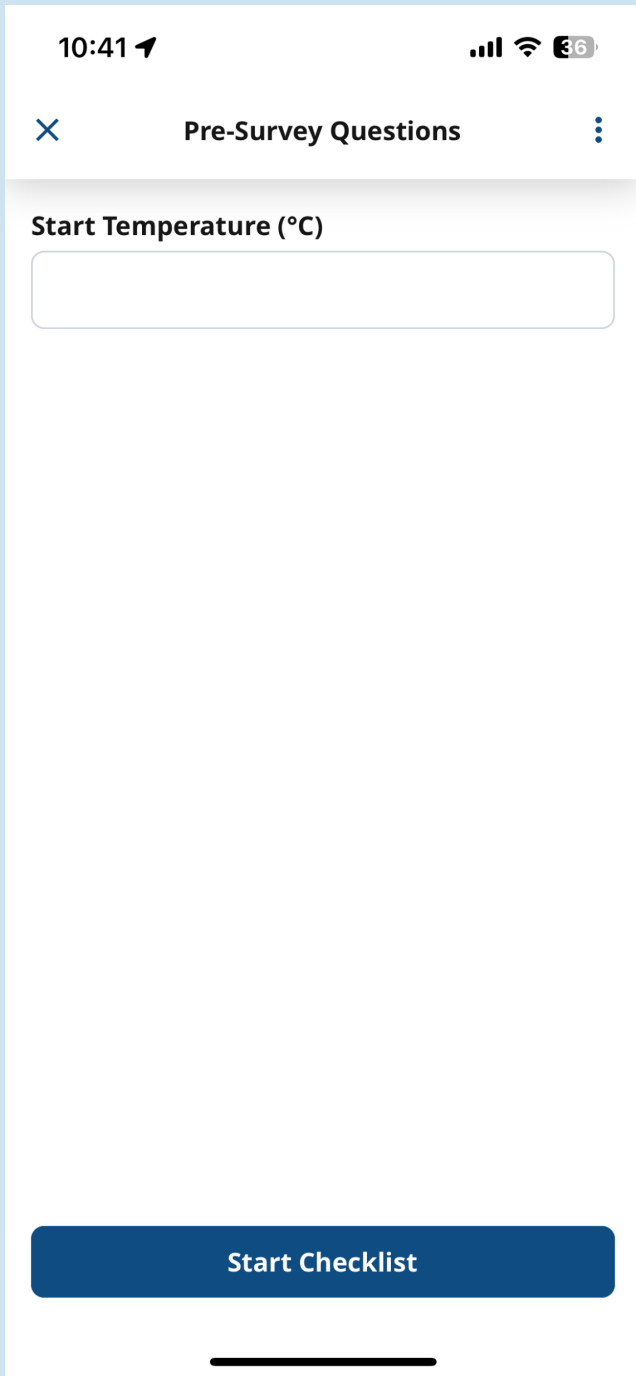




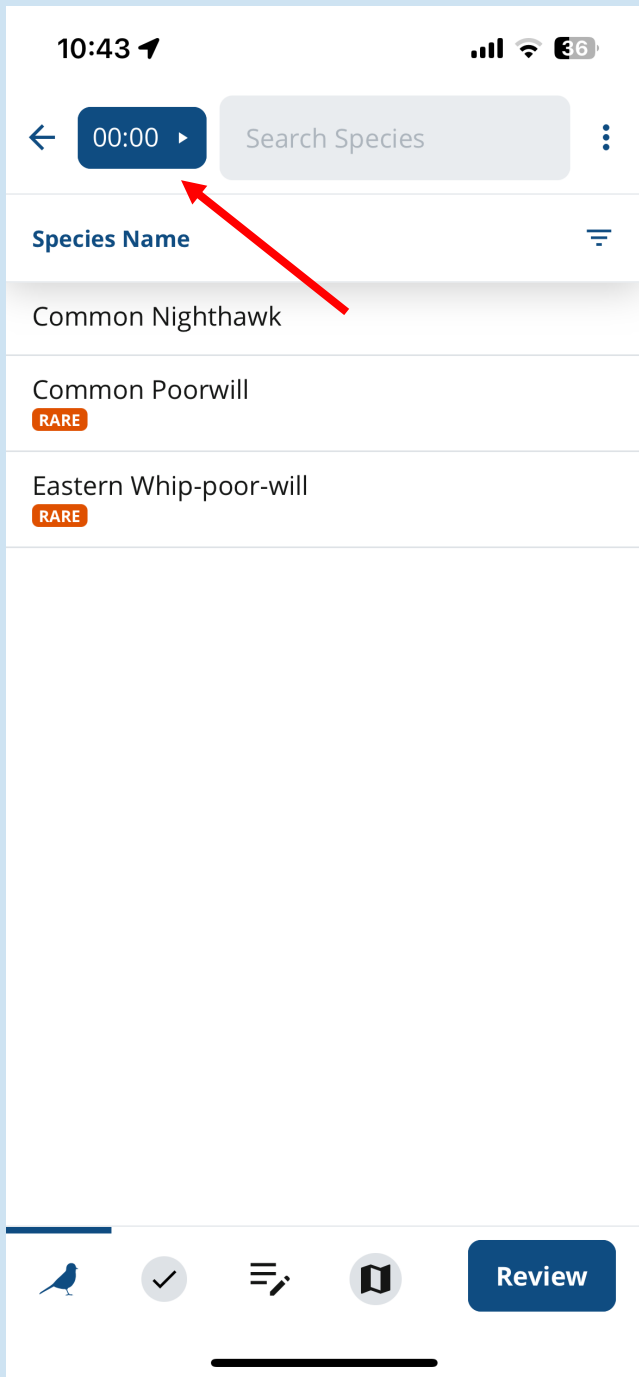
- Tapping a station in your route will highlight it. Tapping 'Location Details' will show you additional information for that station, if there is any.
- Tap 'Select Station' to begin your survey.

Section 5:

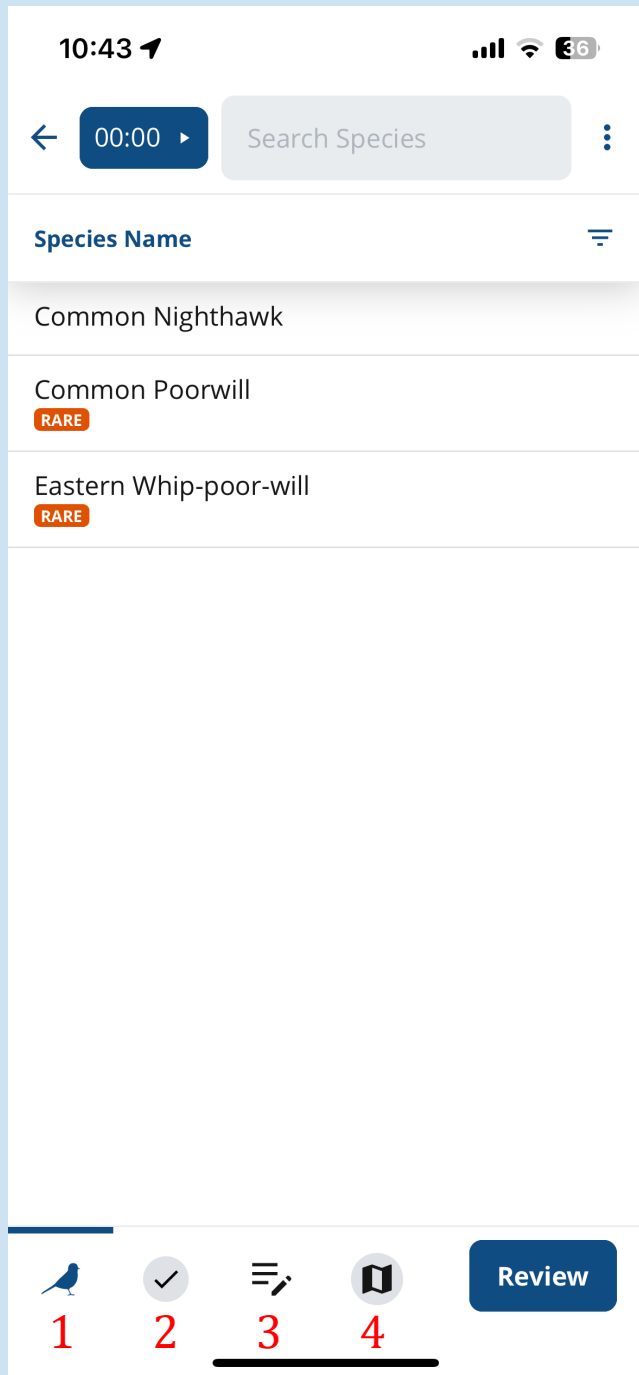
Conducting Your Survey



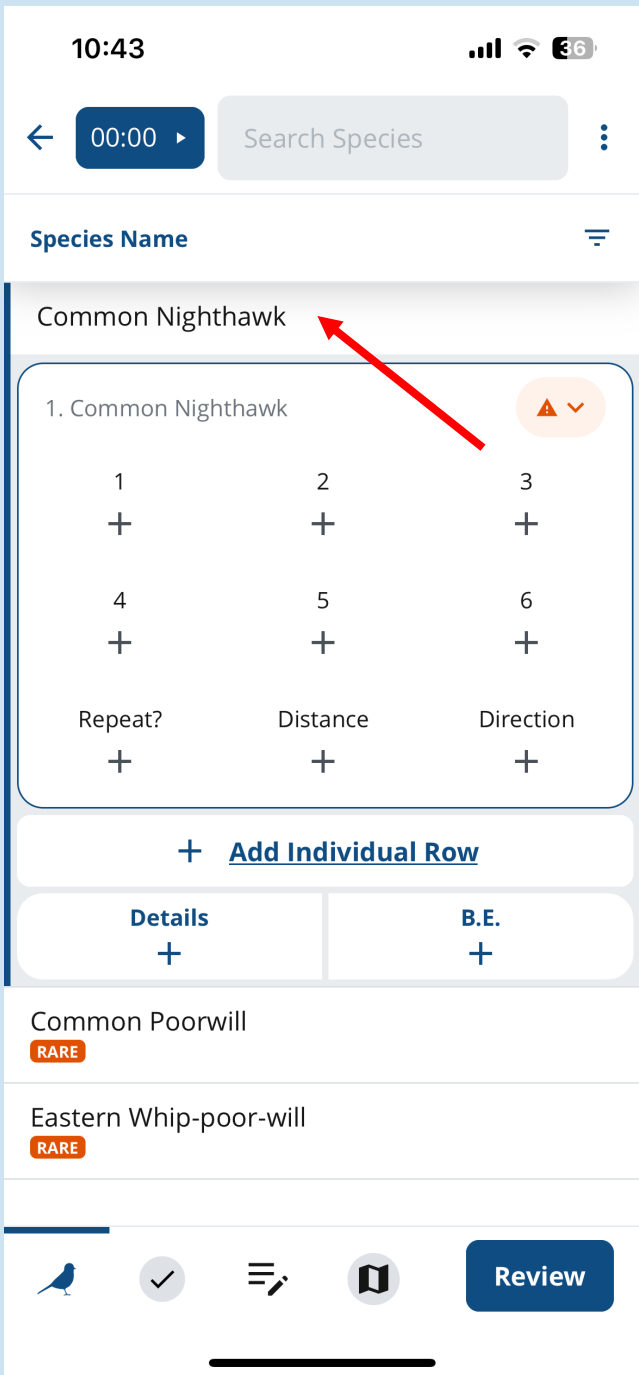
- Once you are ready to begin your survey and have selected your first station, you will see a Pre-Survey Question concerning the start temperature.
- Answer by tapping the answer box and typing the appropriate response, and then tapping 'Done'.
- Tap 'Start Checklist' at the bottom to continue.



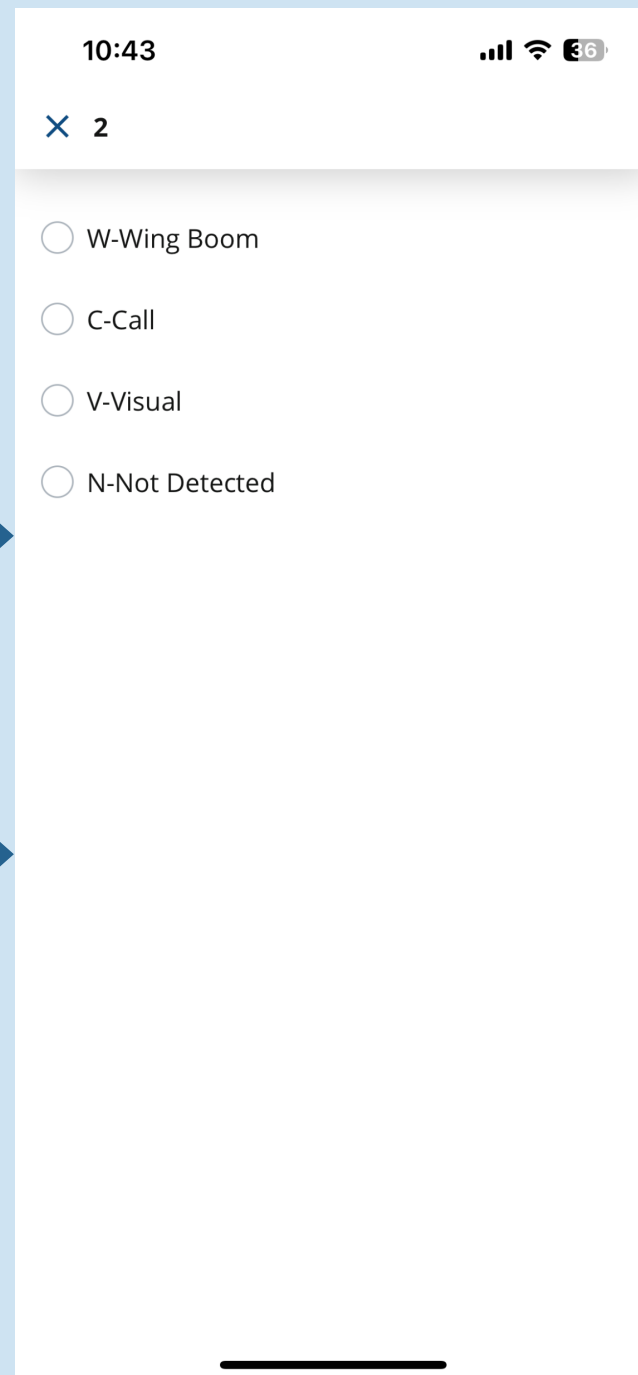
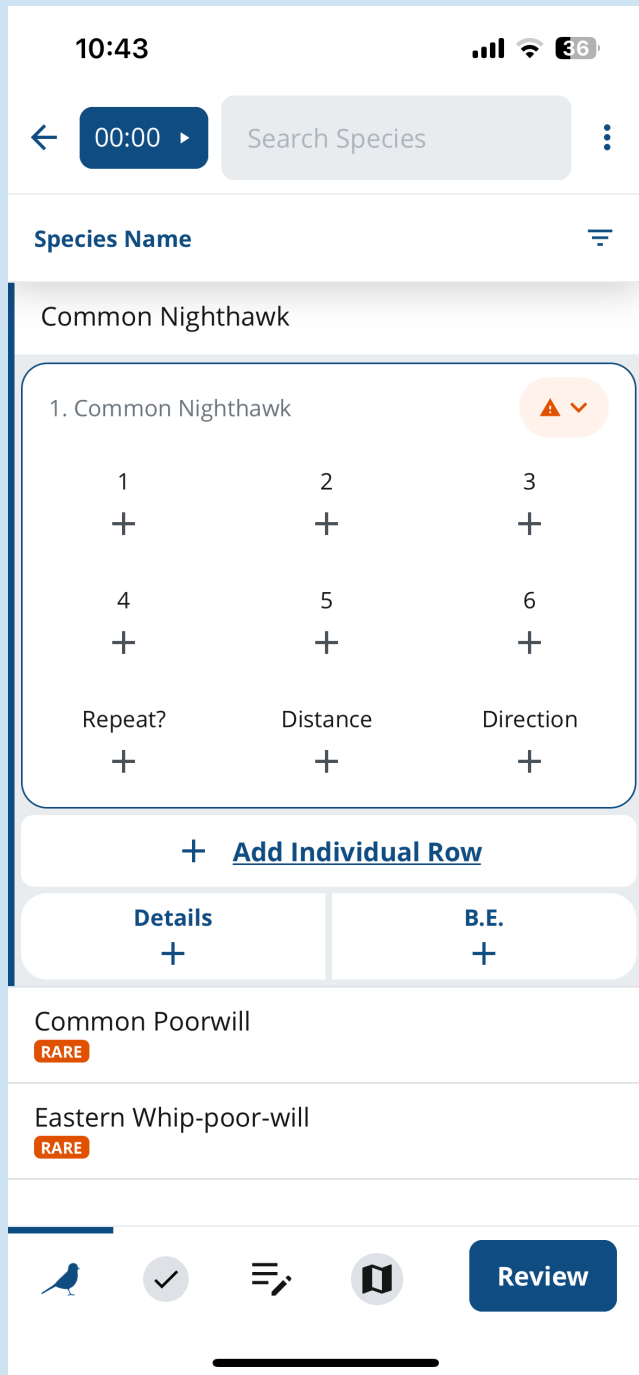
- The checklist screen lists all species included in the protocol for your region. This varies by region, as does the listing as 'Rare'.
- There is a timer in the upper left. Tap the timer to begin. Tap it again to reset if needed.



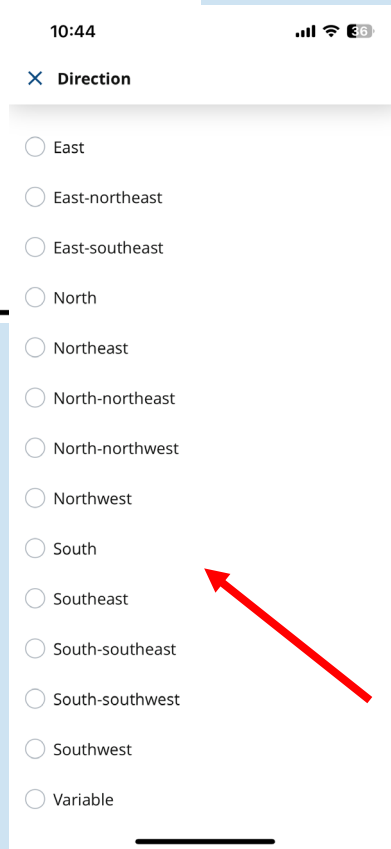
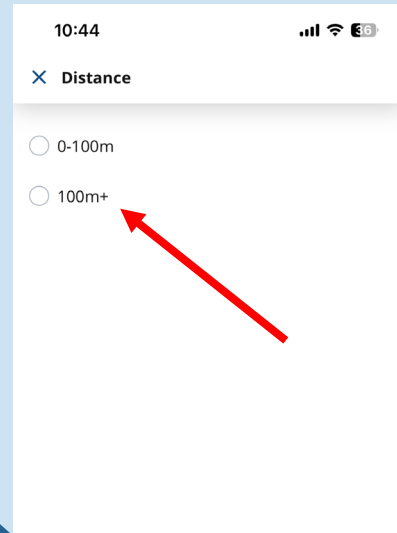
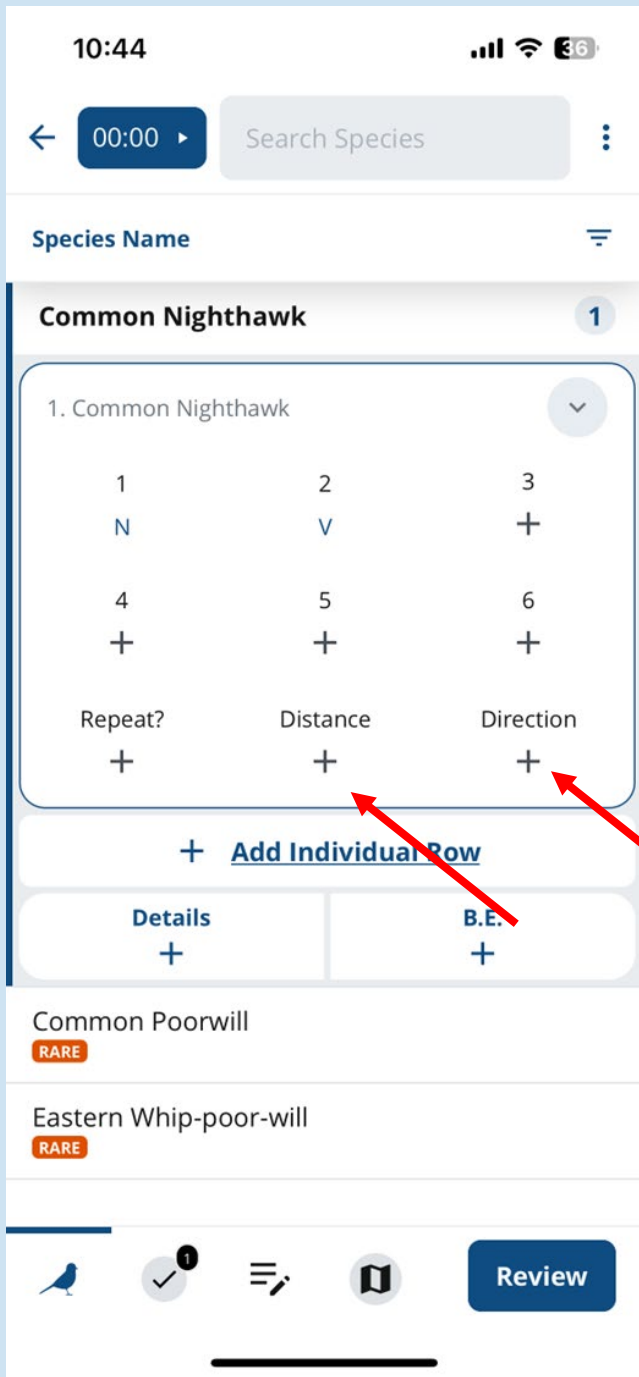
- There are four tabs at the bottom of the checklist screen:
 1. The bird icon shows your entire checklist.
 2. The check mark icon shows only the species you have observed.
 3. The list icon shows your post-survey questions.
 4. The map icon shows your position on the map.
- In most cases you will only need to view the entire checklist (bird icon).



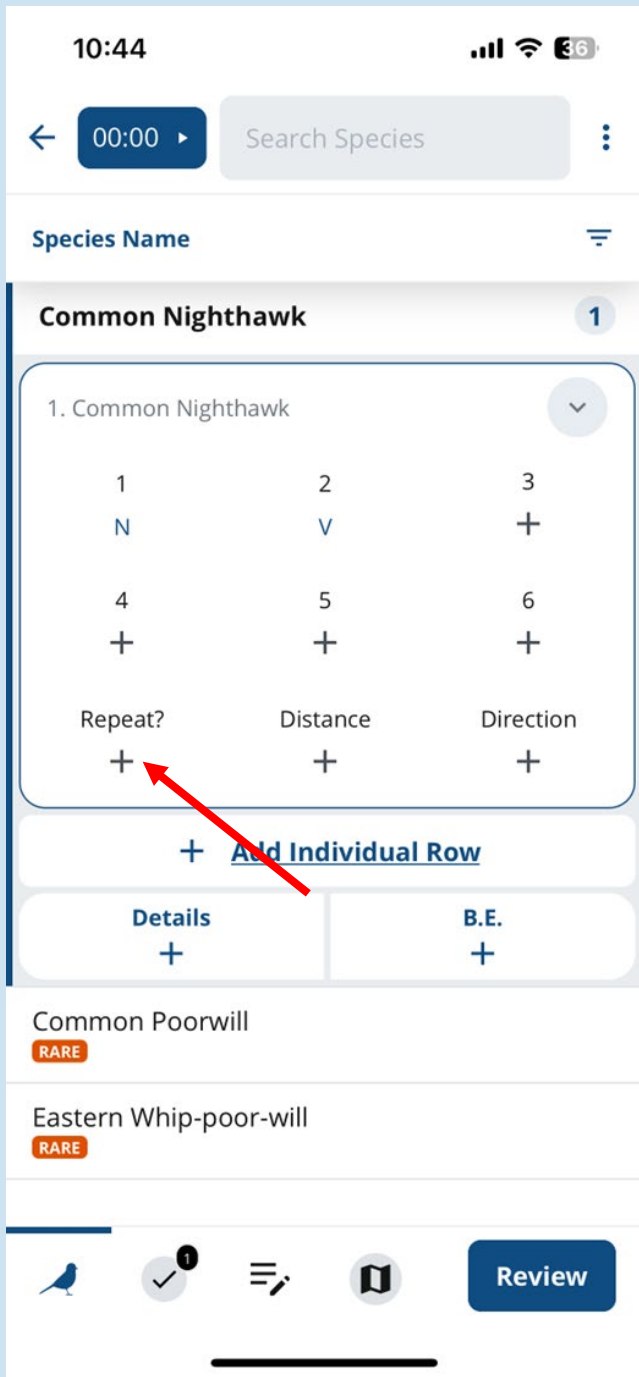
- When you encounter a nightjar on your survey, tap the species name to open an observation box



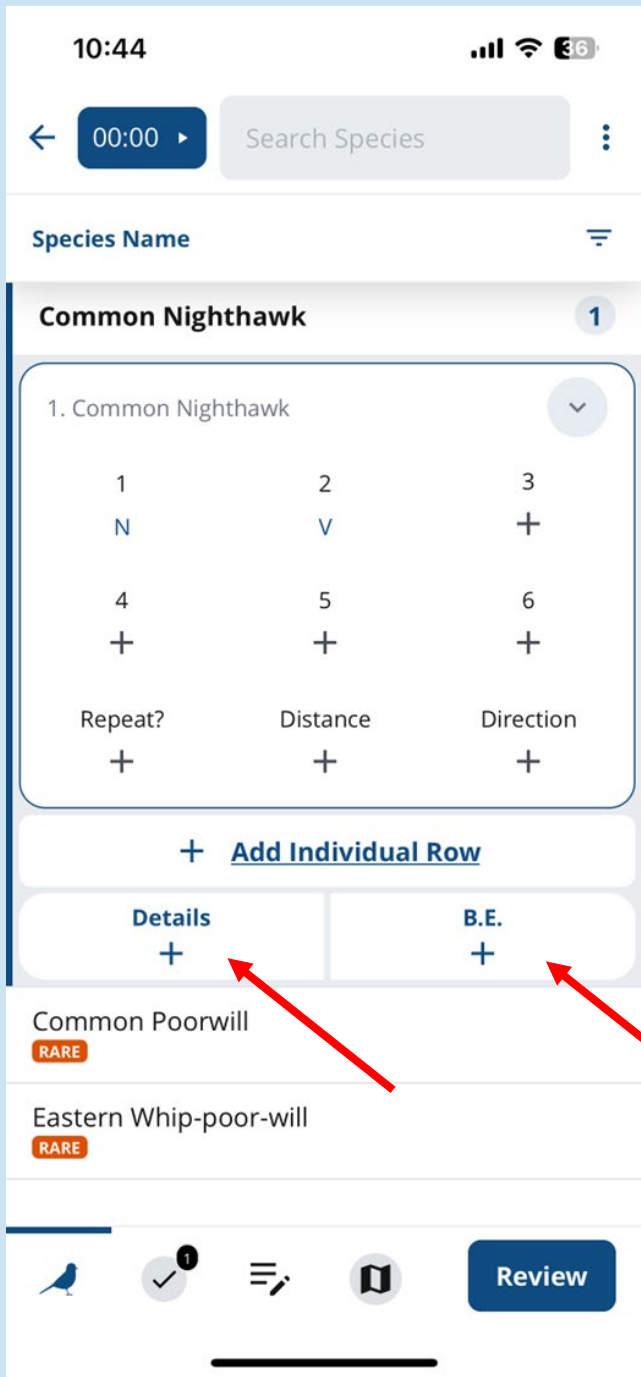
- Tap the ‘+’ symbol in the appropriate time interval to add the observation details for that individual.
- Select the highest detection category for the time period. This ranges from ‘N’ for not detected (which is the lowest), to ‘V’ if you saw the individual, to ‘C’ if you heard the individual, and, in the case of Common Nighthawks, ‘W’ if the individual performed a wing-boom.



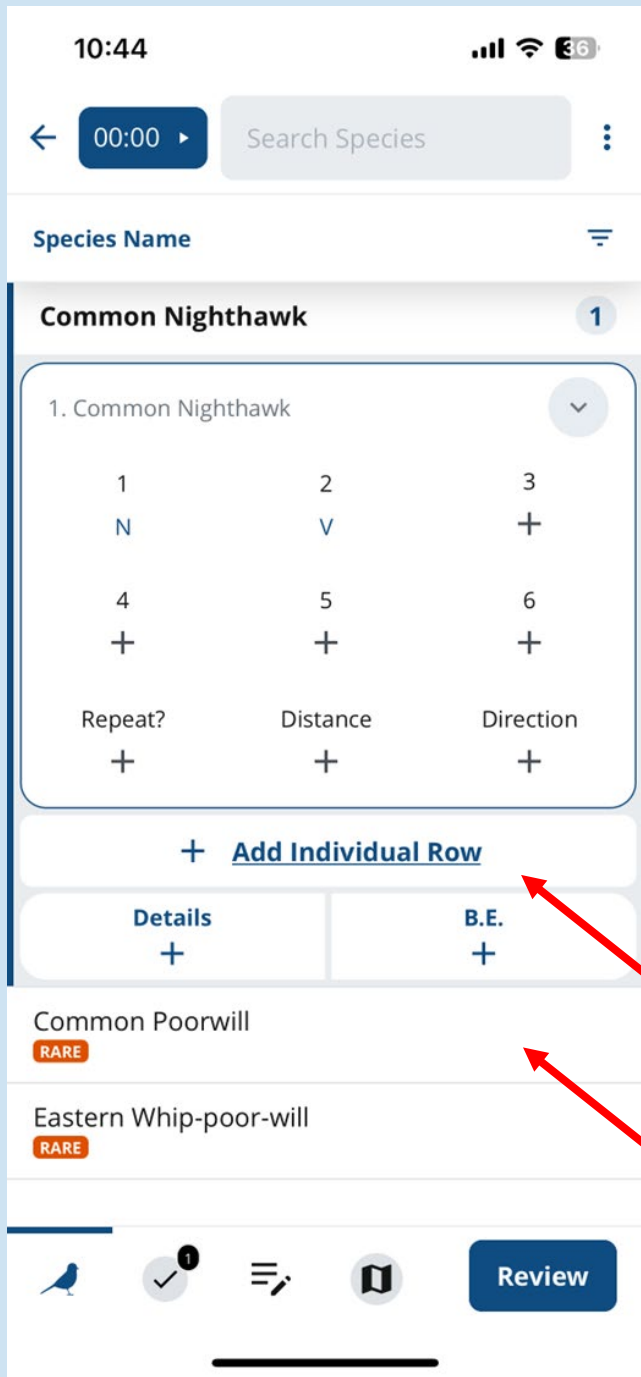
- Enter the distance and direction at which you detected the species by tapping the '+' sign under each heading and selecting the appropriate response.



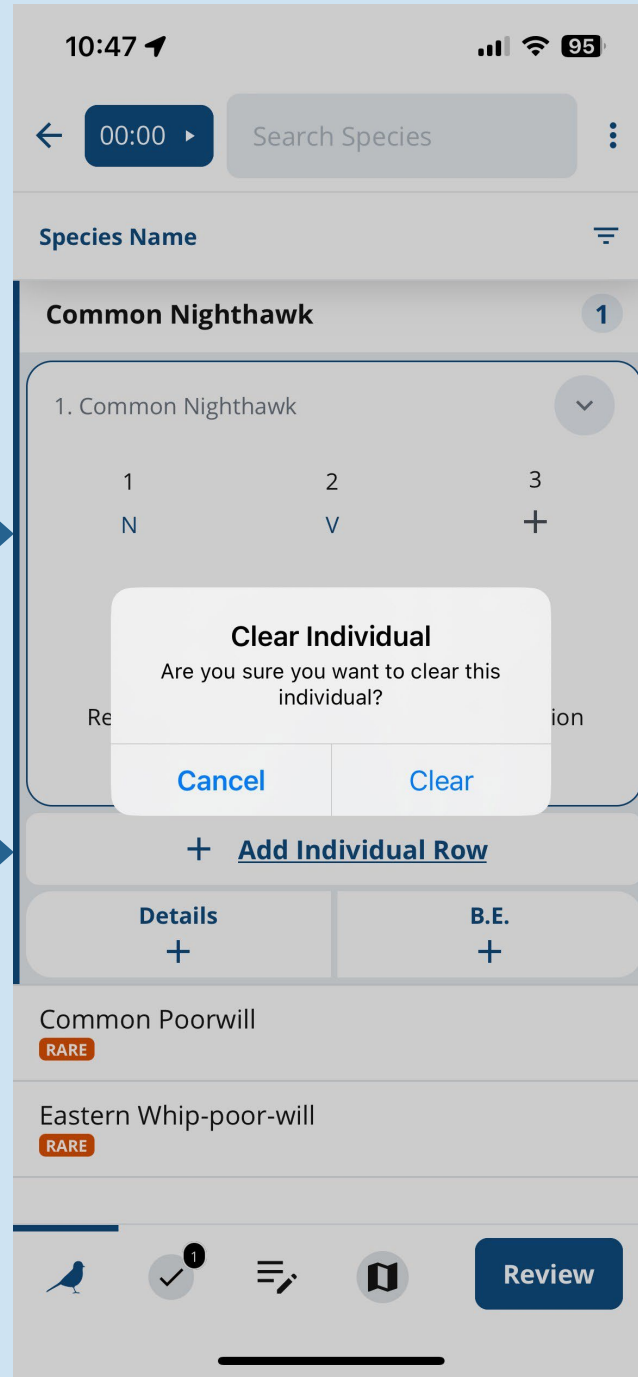
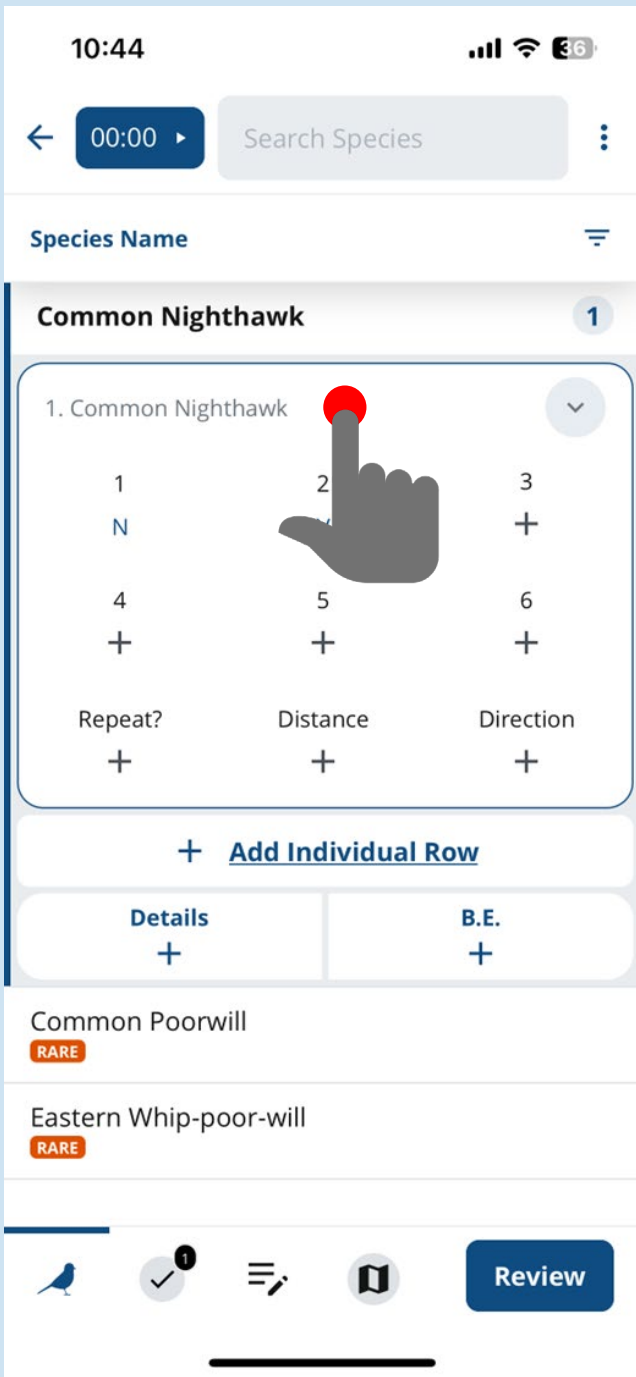
- If you believe you are hearing or seeing the same individual you detected at a previous station, tap the ‘+’ sign under ‘Repeat?’ and select the appropriate option.
- Please do not select this if you simply have an individual at the station that is repeatedly calling, or wing-booming in the case of the Common Nighthawk.



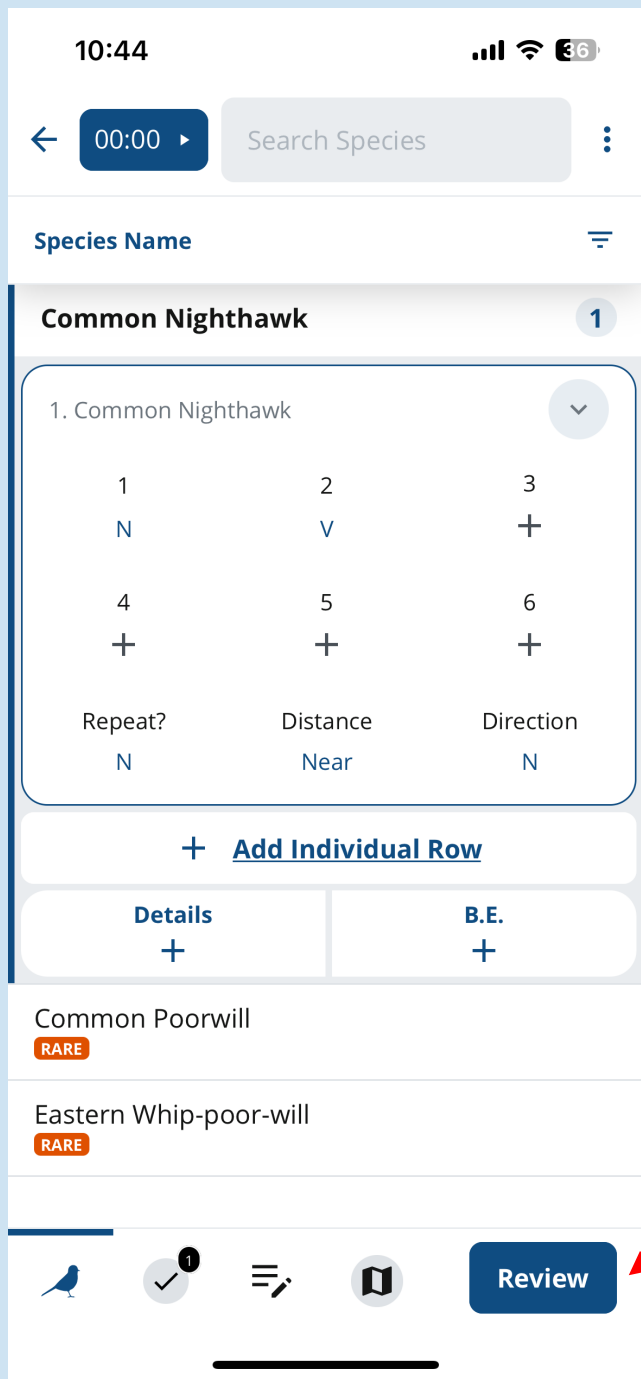
- You may enter any additional details you feel are relevant by tapping the 'Details' box. If the species you detect is rare for your region, this is also where you will be asked to provide additional information.
- There is a box to enter breeding evidence, abbreviated 'B.E.'. Entering breeding evidence information is optional.



- If you detect more than one individual of the same species at a station, add additional individuals by tapping 'Add Individual Row'. Do not enter multiple individuals in the same box as these will be counted as one individual.
- If you detect an additional nightjar of a different species, simply tap the name of that species.



- To delete an observation, press and hold on the top of the observation box until a prompt appears.
- Tap 'Clear' to confirm that you want to delete the observation.



- When you have finished your station, tap 'Review'.

10:44 📶 36

← Post-Station Questions ⋮

Moon

Y ▾

Cloud Cover Start (x/10)

2 ▾

Wind Speed Start

4-Moderate ▾

Wind Direction

North ▾

Noise Level

Moderate, some interference with broadcast and/or listening. ▾

Traffic Count

2 +

Next

10:44 📶 36

← Post-Station Questions ⋮

ROUTE

ARKELL-STATION1

Date *

May 18, 2023 📅

Start Time *

10:42 AM ▾

Duration (fixed)

6 mins

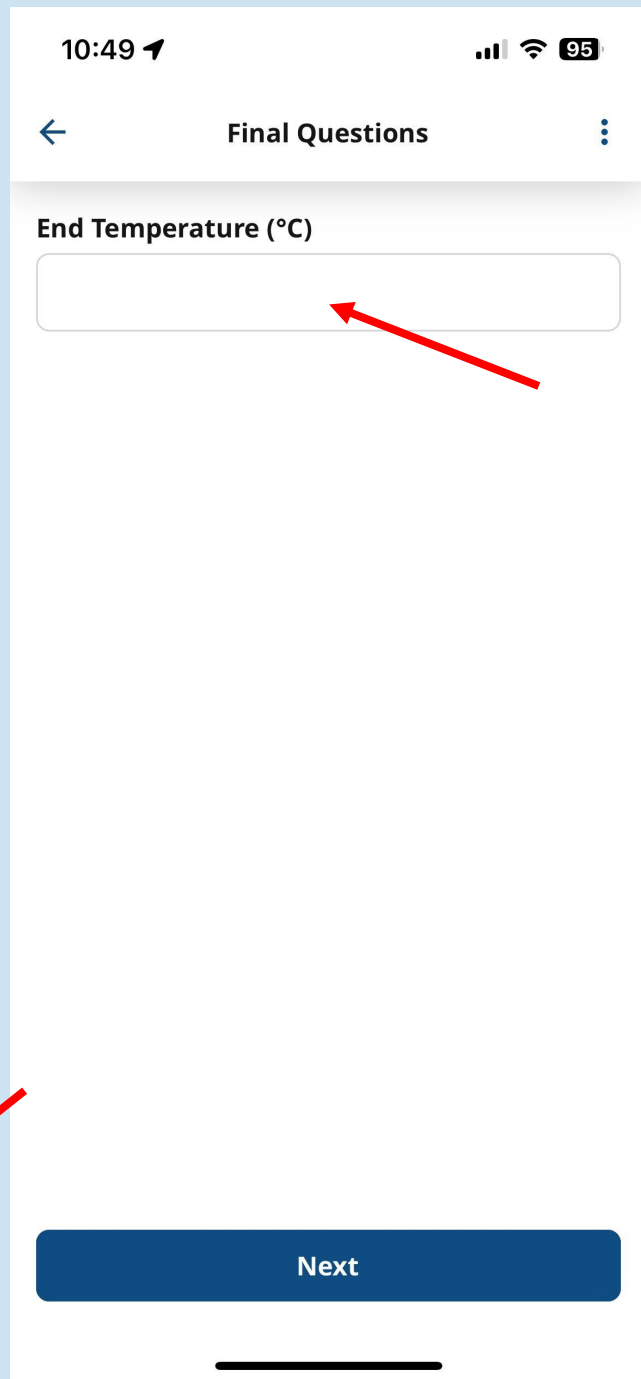
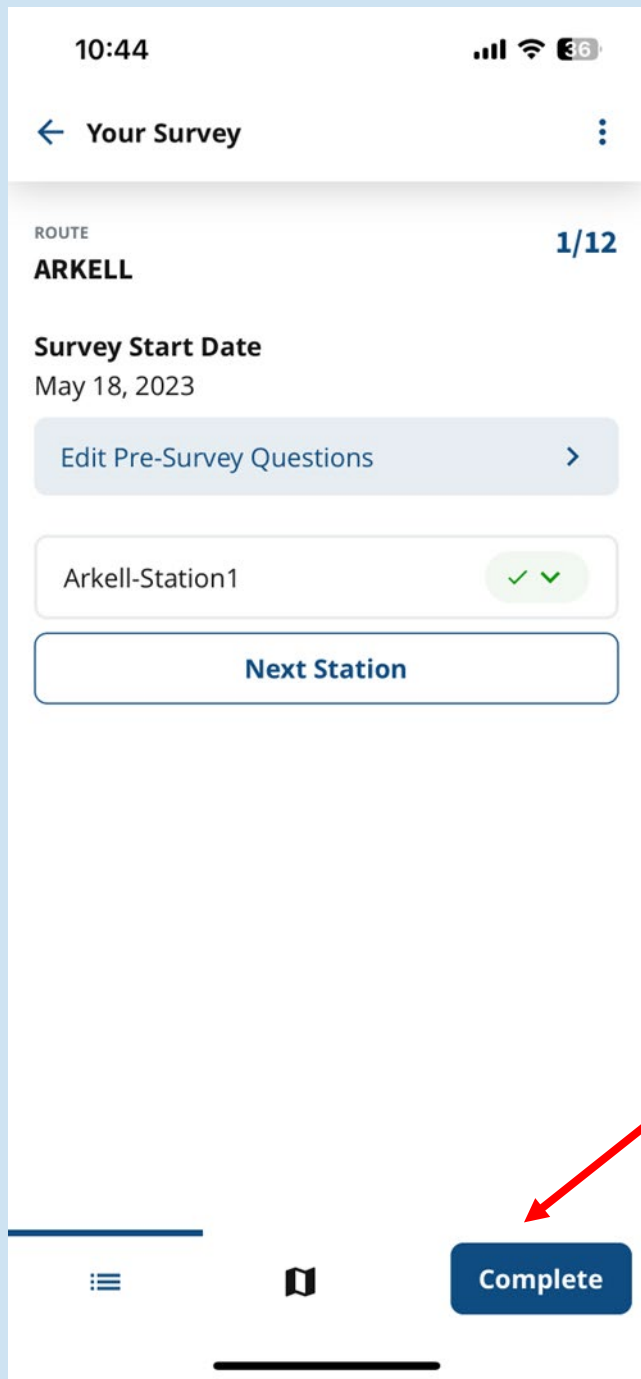
Observation Type *

Stationary

Comments

Save

- Answer your post-station questions by tapping each box and typing or selecting the appropriate response.
- Tapping the ‘+’ symbol beside some boxes increases the number in the box by one.
- Tap ‘Next’, review your effort information, and tap ‘Save’.



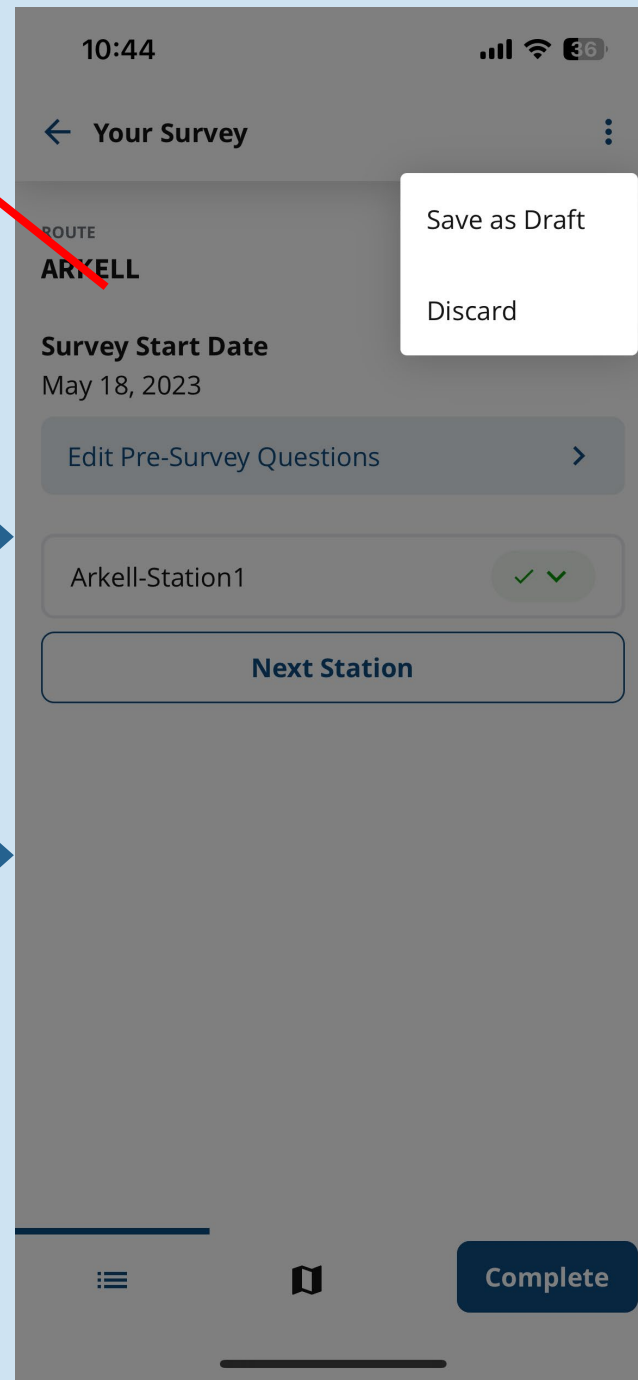
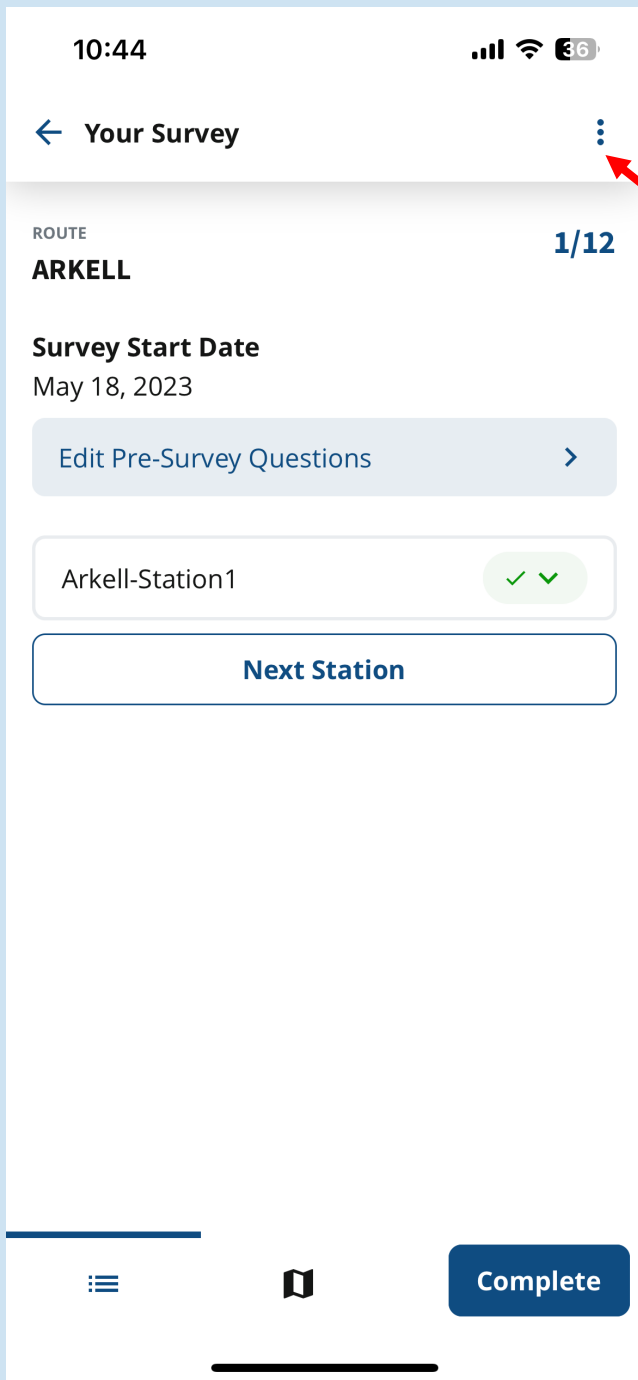
- Your station is now complete! Begin your next station by tapping 'Next Station' and repeating the process.
- When all stations are complete, tap 'Complete' to submit your survey data.
- The 'Final Questions' section will prompt you for the temperature at the end of your survey. Answer by tapping the answer box and typing the appropriate response, and then tapping 'Done'.

Section 6:

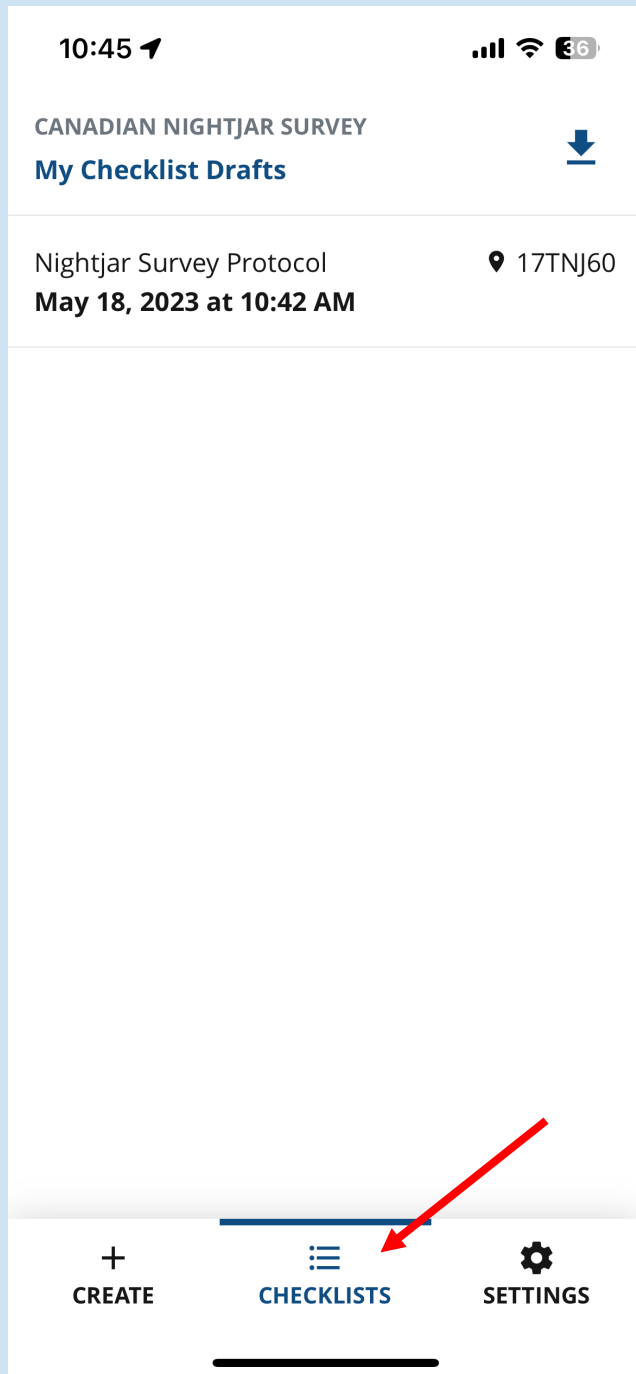
Saving Drafts & Working Offline



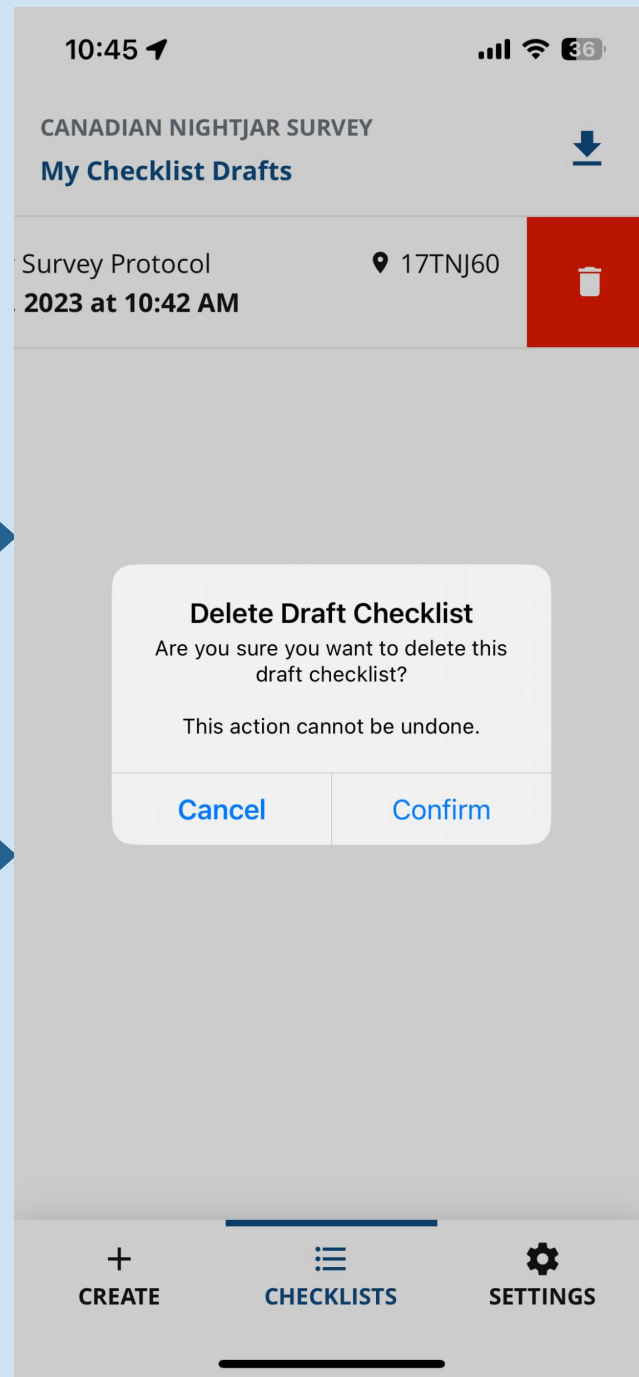
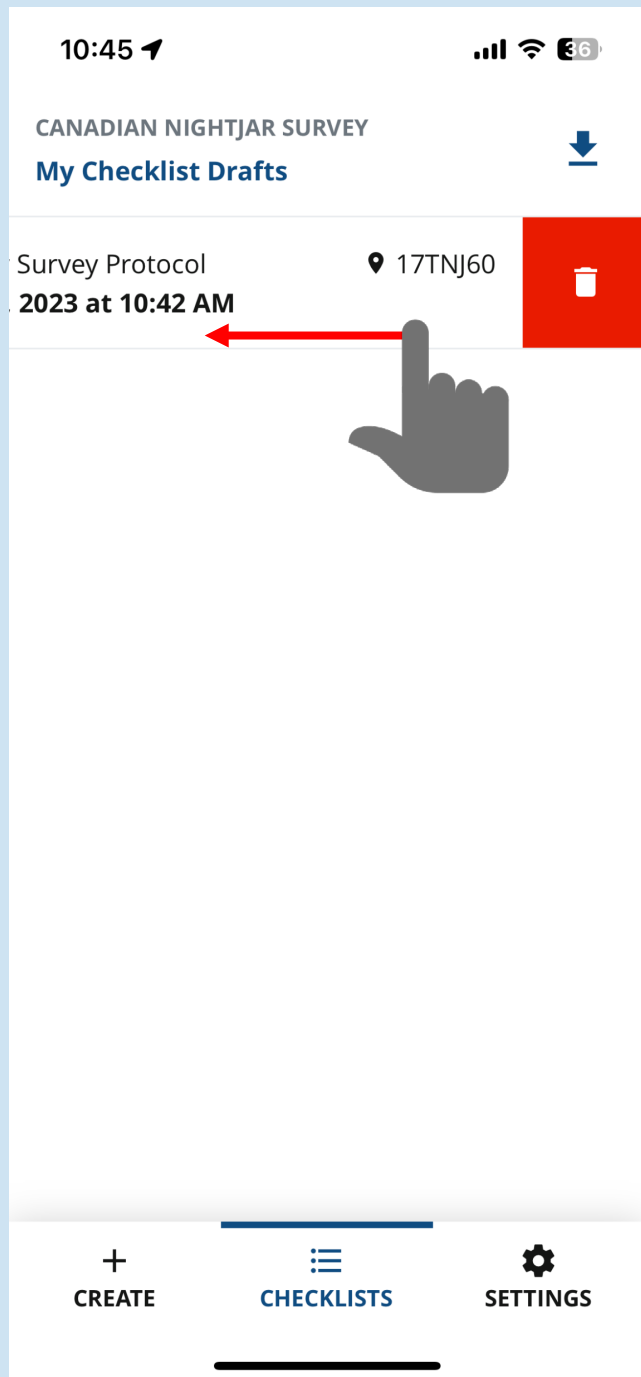
- If you have already signed in and selected your project ([see Section 3](#)) you can complete your survey in the app even with no access to cellular data.
- When your survey is complete, you will need to save it as a draft and submit it later when you again have access to Wi-Fi or data.



- You may save a draft of your survey at any time by tapping the three dots in the upper right corner and selecting 'Save as Draft'.
- Tapping 'Discard' will delete your current survey and return you to the 'Create' tab.



- You can access your saved drafts by tapping the 'Checklists' tab.
- To resume or submit a saved checklist, simply tap it in the list above.



- To delete a draft that you no longer need, swipe left on the draft to expose the trash can icon.
- Tap the trash can icon, then tap 'Confirm' when prompted.



- You are now ready to conduct your North American Nighthawk Survey using the NatureCounts app!
- If you have difficulties or questions when using the NatureCounts app, don't hesitate to contact the project coordinator for assistance.
- Have a great evening surveying!