CitSci Mobile App User Guide

**This user guide is based on an iPhone and could be different for an Android.

If you are trying the app for the first time:
1. Download CitSci at the app store
2. Log in using your citsci.org information (your website login)
3. Tap "Allow" for authorize access; you will then be taken back to the login screen even though you are already logged in. Just ignore the "login" button and focus on the options at the bottom of the screen.
4. Under "Select The Project," tap "Alaska Birds 'n' Bogs," then select the "Birds 'n' Bogs Wetland Survey Data" sheet on the next screen. This sets your project and datasheet as belonging to Birds 'n' Bogs and ensures that your data goes to the right place when you upload from the app. The screen will flash "saved" at the bottom.
5. Now click the button shaped like a home at the bottom left of the screen. This will take you to the start of the data entry process. There should be a "Home Welcome yourname" banner across the top next to the CitSci symbol. Below this should be listed the project and the datasheet for clarity.
6. Tap "Add Observation" (gray square in middle of screen) to access the data sheet screens.

To add an observation:
1. Once you have tapped "Add Observation," you will be taken to a data sheet screen. There are three data screens available via the options in the grey box below the green field with the Birds 'n' Bogs Wetland Survey Data sheet name in it: MAIN, SPECIES, and SITE DATA. Start by tapping the MAIN option.
2. Once you have arrived at the MAIN screen:
   - the Date field should populate automatically but if you tap that field, you can change it via the spin window that pops up.
   - You can leave the Search Time (minutes) field blank unless you feel like calculating your survey time from the start/stop times you have recorded. Otherwise we can do this during the post-processing period.
   - Select the lake/wetland you surveyed using the spin wheel that pops up when you tap the Location box.
   - Feel free to leave any comments here that affect your overall survey on this date (e.g., lots of dogs at the wetland today, huge influx of ducks observed, moose interrupted my observation period).
3. Next tap the SPECIES option in the gray box to be taken to the SPECIES screen.
4. At the SPECIES screen:
   - first select the species you want to enter data for using the spin wheel.
   - then enter the number of individuals of that species that you saw and heard. Remember, you should not count as heard individuals that you saw during your survey. I know this can be difficult, but do your best.

- Also note whether you could tell sex for any of the individuals you saw. If you had one male Rusty Blackbird and two female Rusty Blackbirds, you may want to enter these as separate observations rather than as 3 Rusty Blackbirds in one observation.
- Also note whether any banded birds were present (yes/no). If yes, please enter the band combination in the appropriate field by typing out the upper and lower sides of each leg as follows:
  - upper left: red over dark blue
  - lower left: metal
  - upper right: geolocator with spacer band below
  - lower right: no bands

5. Once you have entered your first species observation, tap "+ Report Another" to add new species data fields below the one you just entered info into.
6. When you are done entering species information, tap the SITE DATA option in the gray box at the top.
7. Once you are at the SITE DATA screen:
   - Enter your start/end times, whether this was a point or walking observation
     - point = stand in one place to observe; move less than ~50 feet during observation period
     - walking = start at one place and finish in another place; move more than ~50 feet during the observation period), and
   - Enter the distance walked if observation type = walking.
   - Also enter air temperature (F), cloud cover, wind speed, and precipitation category if you have that information.

8. Once you have entered data at all three data screens, tap "Save Observation" in the gray box at the bottom of the screen. The screen will flash "saved" at the bottom and you will be taken back to the home screen where you can tap "Add Observation" again.
9. **VERY IMPORTANT STEP:** When you are totally done for the day/survey period, you will have one or more observations saved at the home screen (reached by finalizing your observation via steps 1-8 above). The third option on this page, below Project and Datasheet, is "My Observations." If you tap this, you will be taken to a list of all the wetlands you have observed that day or period. You can then choose to upload one or upload all. **You need to do this to submit your data to the CitSci website**!!! You can also delete an observation that was erroneous by tapping "delete" and choosing the appropriate observation. Remember, you can also edit or delete an observation by going into the CitSci.org website and choosing the observation from the list at the Birds 'n' Bogs home page.
10. Once you have uploaded your observations, you can click the home button at the bottom left to go back out to the home screen. You can click out of the app here, or you can tap the little blue wheel at the bottom of the screen to get out to the login screen.

If you want you want try a different format for data entry you can select "**Style**" at the bottom right of the login screen. This format walks you through the data entry so you are prompted for all of the fields rather than having to tap each box on a datasheet screen like is described earlier. I find this format more cumbersome but you are welcome to use either format; they go to the same place!