

Go to: ebird.org (<http://ebird.org/content/ebird/>)

1. Click on the “Help” page.
 - a. Take a quick look at all it has to offer.
 - b. Click on “Entering Data”
 - c. Then click on “Understanding Observation Types” (read)
 - d. **List** the the observation types accepted by eBird, and circle the observation types have we made in class.

2. Click on the “Explore Data” along the top and then find “Explore Hotspots”.
 - a. What are the nearest “Hotspots” to AFSA?
 - b. What are the nearest “Hotspots” to your home?
 - c. Are there any birds near your home that you have never seen? List at least five.

3. From the eBird home page, click on “Explore Data” and then “Species Maps.”
 - a. Create a species map using your Focus Bird (from yesterday).
 - b. Get your teacher’s initial once you have this map: _____

4. From the eBird home page, click on “Explore Data” and then “Bar Charts.”
 - a. Create a bar chart (it includes a line graph) that includes both the bird from the previous question, and the Tennessee Warbler for Minnesota. (You will have to go to “change species” to add a second bird.) Get your teacher’s initial once you have this map: _____
 - b. In a complete sentence, describe when your Focus Bird species and Tennessee Warblers are in Minnesota?

5. From the eBird home page, click on “Explore Data” and click on “Species Maps.”
 - a. Create a map for the black-throated green warbler from June to July for the past ten years (June to July). Teacher initial: _____
 - b. Describe what this map shows.
 - c. Where is the black-throated green warbler found in July in Minnesota?
 - d. Now go back and make a winter map (Dec - Feb) for the black-throated green warbler. Teacher Initial: _____
 - e. Describe what this map shows.
 - f. Explain the meaning of these two graphs.
 - g. Propose two possible migration routes for the black-throated green warbler.
 - h. Referring to part g., is there a way you could test these hypotheses using eBird data? Try it.
6. Is it possible to create distribution maps using eBird that shows how a change in habitat or climate has affected species distribution? Explain.