

# Species Survey: Freshwater Habitats

TEAM NAME: \_\_\_\_\_

DATE: \_\_\_\_\_



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Gulf of Maine  
Research Institute

## 1. PLACE

\* Without these data scientists can't use your observations.

Tell us where your study site is and what it looks like.

### STUDY SITE PHOTO \*

Check this box after you take the best wide-shot photo you can.

Take a photo that helps everyone see where you are doing your study. No faces. Just the scene, please.

### LOCATION OF STUDY SITE ON EARTH \*

Enter the geographic address of your study site in decimal degrees. Please triple-check your entry to make sure all digits are right.

Latitude: N

Longitude: W

Make sure you record your latitude and longitude in decimal degrees, like this:  
N 43.44712  
W -70.78105

### HABITAT \*

- In a pond or lake     On a wetland     In a developed area  
 In a stream or river     By water's edge

Choose the major habitat that best describes the place where you are doing your investigation. Where are the plants or animals you are looking for living?

## 2. FIELD NOTES

Use this space to tell us what happens while you are collecting data.

I am happy because...

Questions and problems I ran into...

I see, hear, and smell...

My drawings and sketches...

I am surprised by what I found or didn't find because...

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## 3. SPECIES

\* Without these data scientists can't use your observations.

Tell us how you are doing your study, what species you are looking for, and whether or not you find it.

### SAMPLING METHOD \*

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> Just looking around            | <input type="checkbox"/> Dock        |
| <input type="checkbox"/> Quadrat (user-placement)       | <input type="checkbox"/> Weed weasel |
| <input type="checkbox"/> Quadrat (randomized-placement) | <input type="checkbox"/> Trap        |
| <input type="checkbox"/> Transect                       | <input type="checkbox"/> Net         |
| <input type="checkbox"/> Time search                    | <input type="checkbox"/> Bucketscope |

Choose the method you are using to do your study.

### SAMPLING METHOD PHOTO \*

- Check this box after you take the clearest photo you can

Take a photo that helps everyone see the method you are using to collect data. No faces. Just show off your method.

### WHAT SPECIES ARE YOU LOOKING FOR? \*

Scientific name: \*

Common name: \*

### Did you find it? \*

- I think I found it       I think I did not find it

Write the scientific name and a common name of the species you are looking for.

### Back up your claim with evidence

Use written and photo evidence to prove that you either **found** or **did not find** the species you are looking for. The more evidence you provide, the stronger your case will be. Note: If you **did not find** it, prove that you looked carefully and explain how you ruled it out.

Written evidence 1 \*

- Photo evidence 1 \*: Take the clearest photo you can.

Written evidence 2

- Photo evidence 2: Take the clearest photo you can.

Written evidence 3

- Photo evidence 3: Take the clearest photo you can.

Give one good reason you think you found or did not find the species you are looking for. Use your species identification resources to help you write your evidence statement.

Take a photo that supports your written evidence.

Make a stronger case for your decision. Give a second reason that supports your claim.

Take a photo that supports your written evidence.

Make the strongest case possible. Give a third reason that supports your claim.

Take a photo that supports your written evidence.

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