

Species & Habitat Survey: Upland 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.

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

* Latitude: N

* Longitude: W

HABITAT *

* In a forest In a field In a developed area

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.

* Bug biodiversity (fill in after you collect your bug traps)

4. HABITAT

Tell us more about the habitat you are studying.

HOW MUCH OF YOUR STUDY SITE IS COVERED BY TREES?

Tree canopy cover
 Less than 1/4 covered Between 1/2 and 3/4
 Between 1/4 and 1/2 3/4 - Completely covered

Look up. Estimate how much of your study site is covered by trees. Choose the best fraction range.

HOW WET IS THE SOIL?

Soil moisture
 Dry Moist (a little wet) Saturated (very wet) Inundated (under water)

Stick a finger in the ground. Give us an idea of how dry or wet the soil is.

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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 *

- Quadrat (user-placement) Transect
Quadrat (randomized-placement) Time search

Other: []

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: * Fallopia Japonica

Common name: * Japanese Knotweed

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 *

[]

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.

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

Take a photo that supports your written evidence.

Written evidence 2

[]

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

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

Take a photo that supports your written evidence.

Written evidence 3

[]

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

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

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3. SPECIES CONTINUED

Additional species observations

If you found the species you are looking for, please tell us more about it.

HOW MANY ARE THERE?

Count them.

1-10 10-20 20-50 50+

Carefully count how many of this species is in your study area. For plants, count main stems. For animals, count each individual. Only count what is in the study area you defined. Choose the best number range.

For quadrat studies only. If there are too many individuals to count, estimate how much area they cover altogether. Choose the best fraction range.

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