



Grassy Waters Preserve

in partnership with the

School District of Palm Beach County

Field Research Ranger

So you want to earn your Field Research Ranger badge?

Follow these steps to pass the Grassy Waters Preserve checkpoint:

Step 1: Get out in the field!

- Head outside to a local park, natural area, or your own backyard.

Step 2: Make observations!

- What type of habitat are you in? What resources are available? What types of animals are successfully surviving here, and why?

Step 3: Use your imagination!

- Using your observations plus your imagination, complete the worksheet below.

Step 4: Submit your work!

- Submit your completed worksheet to grassywaters@wpb.org to earn credit towards your Field Research Ranger badge.



Grassy
Waters
Preserve

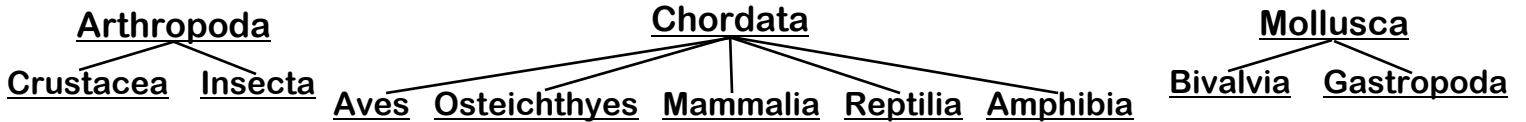
Imagine a new fictional animal that could survive in the habitat you visited.

(Hint: you can combine features of animals that are already living in your habitat, or be completely unique)

Draw your animal below, and give it a species name.

My Animal's Name: _____

Which *phylum* and *class* would your animal be classified under?



Describe your animal's *ecological niche*.

What is its *trophic level*? Describe its *food web*.

What *adaptations* help it survive? Label physical adaptations on your drawing.

What *symbiotic relationships* does it have with other organisms?

What human impacts threaten your animal, and what actions would need to be taken to protect it?
