



CRITICAL HABITAT OUTDOOR LAB

Team Members:

Materials – Get the following materials from your instructor/assistant:

- Laminated photo guide of critical habitat designations.
- Canoes with two paddles.
- Aqua View tube (one per team of four).
- You should have a pencil and lab book.
- Camera.
- Proper fitting life jackets and keep it on for the entire activity.

Directions – After getting the equipment:

- Assemble on dock for canoe assignment and instruction.
- Pair up in canoes paddle to the marker buoys.
- Survey each Critical Habitat area to determine type.
- Take a photo of each area and marker buoy.
- Mark lab sheet with types of critical habitat (some have multiple types).
- Paddle to other selected areas and repeat tasks.
- Return to canoe dock when complete.
- Clean out canoe and return equipment.
- Clean and dry Aqua View Tube and other equipment.
- Complete the Post Lab Work discussion/Critical thinking questions.
- Fill in lab sheets and check for completeness and sign your names.
- Have your instructor check, total and initial your points, putting them on the cover page of this lab manual.

*****These Summary Questions are for AFTER the Lab Work has been completed.*****

Describe your contributions to your groups work. (5 pts)_____

Short Essay Questions:

1. How did this activity impact you and your attitude toward how you will use the lakes in the future? (5 pts)_____

2. Your thoughts on why critical habitat designations are “Critical”? (5 pts)_____

**OUTDOOR CRITICAL HABITAT
SELECTION ANALYSIS MODULE LAB**

Directions: Paddle to critical habitat area, look on and into the water between the marker buoys using the Aqua View Tube for different types of habitat. For each site, select the proper description options (A, B, C, D) and mark in the ID space (there can be more than one). Take a picture of each of your sites.

CRITICAL HABITAT DESIGNATION DISCRIPTIONS

SITE NUMBER ID

(Use the laminated photo sheet for examples)

A. Submerged Aquatic Vegetation Bony #1 _____ (5 pts)_____
(underwater vegetation)

B. Emergent and Floating Vegetation Bony #2 _____ (5 pts)_____
(vegetation that is growing through the surface or floating)

C. Rush Beds Bony #3 _____ (5 pts)_____
(reed or grass like growing up from bottom usually clusters of brown spikelets)

D. Woody Habitat
(fishsticks, submerged trees)

Name the Organisms That Depend on Critical Habitat:

List the Names of 2 Mammals, Amphibians, Insects, Fish, Reptile or Birds that would be found in each of the 4 Critical Habitat Types: (Do not use more than once)

Critical Habitat Description Types (listed above)

C H TYPE:

Animals Listed

A. _____ **(5 pts)**_____

B. _____ **(5 pts)**_____

C. _____ **(5 pts)**_____

D. _____ **(5 pts)**_____

TOTAL CRITICAL HABITAT POINTS (50 pts)_____