

LAB E –Exercise (50 points)

Wetland Community Identification

Part I - Field

A. Take the following items with you into the field:

1. Your field notebook
2. Photocopy of the soil survey map that indicates the location (#1 - #6) of the wetland communities we will be visiting.

B. As we visit and discuss each wetland community, jot down notes in your field notebook re:

1. Site Number
2. Soil Mapping Unit symbol designated on your air photo from the corresponding site #
3. Hydrologic Indicators
4. pH of water
5. Vegetative Indicators

Part II – Office

A. Consult the Noble County Soil Survey that was provided to you for you for last week's soils lab as you fill out your *Wetland Community Data Sheet* that was distributed to you

1. Indicate the "Soil Type" (mapping unit) name for each of the sites listed by referring to your Soil Survey Book to interpret the mapping unit symbol.

B. Fill in any pertinent information for those columns that relate to the information gathered from your field visit.

C. Consult your copy of "Wetland Communities of Indiana" that was posted on Moodle for this lab.

1. Using the information collected in Part I., and information in Part II.A., above, indicate what you would judge to be the "Wetland Community Type" for each of the sites listed on your Wetland Community Data Sheet.

Turn in you completed Wetland Community Data Sheet, and Soil Survey Book at your 10/3 lab period.