

DATA SHEET

Determine the plants in each 8'x8' area. Estimate the percentage of each plant of the entire area. What are some other key living or non-living features or each space? How would you compare or contrast each area?

Remember your group is responsible for a visual summarization of the collective quadrants and each person is responsible for a laboratory write-up. Do not forget to rotate roles for each area. One role is as the 'recorder' to write down what, how much, and where each plant was found in each area. One role is of the 'estimator' to gauge how much of each flora or fauna was found in each area. Additional roles can be of the 'explorer(s)' to find various flora and fauna in each area.

Also, utilize field guides as well as any use technology you would prefer. There is a consequence for not keeping on task and missusing technology. Lastly, please remember it is your choice to use technology. Be careful!

QUADRANT #1

NOTES: _____

QUADRANT #2

NOTES: _____


QUADRANT #3

NOTES: _____

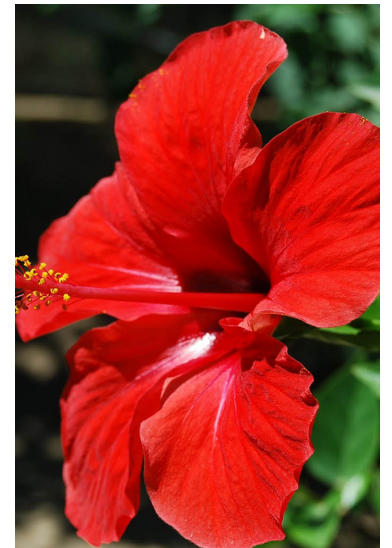
Use the back of this page for additional notes.

GUIDE TO EMERGENT PLANTS

You will be given pictures of plants to identify with this key. Begin at number 1 and choose the phrase that best describes the plant you wish to identify. Then move to the number indicated and choose again. When you come back to a name, you've found the plant. If neither one of the pair of phrases fits the plant, either go back to the last choice and make another or go back to number one and start over.

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1.
 - Plant is a grass or is grasslike: Go to 2.
 - Plant is not grasslike, but is a flowering, soft (herbaceous) plant: Go to 5.
 2.
 - Plant is a grass (has hollow, jointed stem): Go to 3.
 - Plant is grasslike (does not have a jointed stem): Go to 4.
 3.
 - Leaves stick out of both sides or the stem, "head" bushy or feathery: *Phragmites*.
 - Very long leaves grow up from water, "head" sparse and droopy: *Wild rice*.
 4.
 - Plant is a sedge (stem has edges, is triangular): *Bulrush*.
 - Plant is a rush (stem is round, no edges): *Soft rush*.
 - Plant is not a sedge or a rush: Go to 5 or 1.
 - Leaves more "fleshy", has brown hot dog at the end: *Cattail*.
 5.
 - All or most leaves grow up from the bottom of the stem: Go to 6.
 - Leaves arranged along stem: Go to 8.
 6.
 - Leaves long and narrow: Go to 7.
 - Leaves arrow shaped: *Duck potato*.
 - Leaves wild and rounded: *Skunk cabbage*.
 7.
 - Leaves feel flat; blue or violet flower: *Iris*.
 8.
 - Leaves simple and alternately arranged: Go to 9.
 - Leaves simple and oppositely arranged or needlelike not included in this key.
 9.
 - Leaves edges toothed: Go to 10.
 - Leaf edges not toothed, leaf arrow-shaped, stems prickly: *Tearthbrush (not pictured)*.
 10.
 - Plant soft and nearly droopy, small orange or yellow flower: *Jewelweed*.
 - Plant more erect, some stems woody, leaves pointier, almost lobed, large white, pink, or red cup-shaped flowers: *Hibiscus*.

WHO AM I? EMERGENT PLANT EDITION



EXIT TICKET

What are some of the major responsibilities for the estimator? _____

What are some of the major responsibilities for the recorder? _____

What are some of the major responsibilities for the explorer? _____

What must you do tomorrow to participate in tomorrow's field excursion?

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