

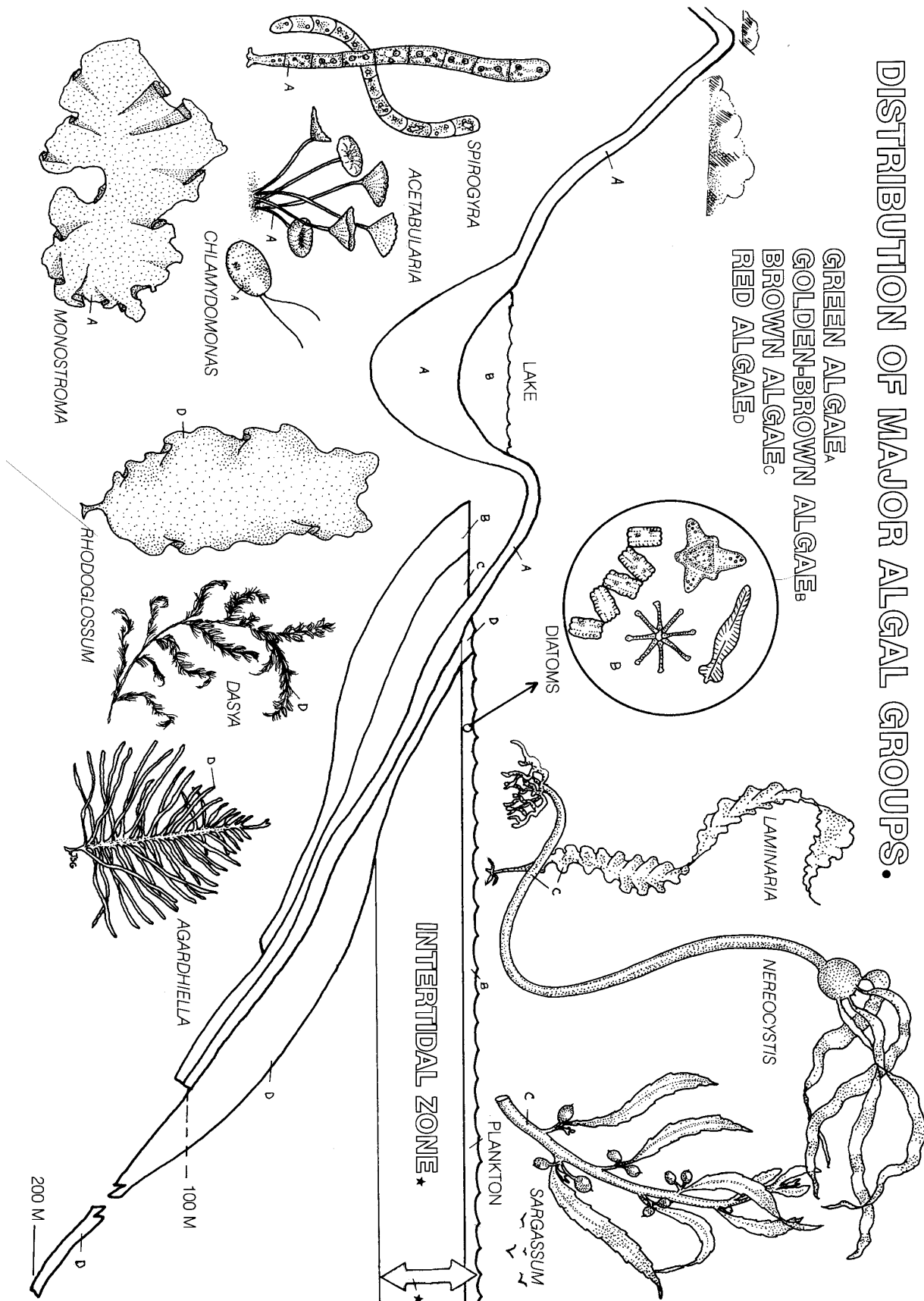
Algal Habitats

Name:

Period:

You will use colored pencils to color the diagram below when you follow the directions on the other page.

DISTRIBUTION OF MAJOR ALGAL GROUPS.



Algal Habitats

Name: _____

Period: _____

Follow the directions below to color code the diagram on the other page. Check off each box as you finish coloring that part of the diagram.

1. At the top of the diagram, find the title "DISTRIBUTION OF MAJOR ALGAL GROUPS". Carefully color in these letters with black . You will be coloring different bands in the diagram to learn where different types of algae can be found.
2. Color the label for "green algae" green . Next, find the band in the diagram labeled with an A. Color this band using green . Then, color in the examples of green algae (each labeled with an A) green .
3. Color the label for "golden brown algae" first with yellow, then lightly on top with brown . Next, find the 3 locations in the diagram labeled with a B. Color these 3 locations the same way you did the label, with yellow and then lightly with brown . Then, color in any examples of golden brown algae (each labeled with a B) with yellow and then lightly with brown .
4. Color the label for "brown algae" brown . Next, find the band in the diagram labeled with a C. Color this band using brown . Then, color in the examples of brown algae (each labeled with a C) brown .
5. Color the label for "red algae" red . Next, find the band in the diagram labeled with a D. Color this band using red , including the little piece in the bottom right corner. Then, color in the examples of red algae (each labeled with a D) red .

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Answer the questions below using your newly color-coded diagram.

1. Which color algae can be found in the most different habitats? _____
2. Which color algae can be found on both land and water? _____
3. What are the TWO colors of algae that can be found in fresh water? _____
4. What are the TWO colors of algae that can only be found in salt water? _____
5. Which color algae can be found on the surface of the ocean? _____
6. Which color of algae can be found deepest in the ocean? _____
7. Which color of algae requires the least amount of sunlight? _____
8. At what depth do all colors of algae *except one* stop growing? _____
9. Brown algae attaches to the ocean floor, then has to grow up towards sunlight. What is the maximum size you would expect brown algae to grow? _____
10. Imagine that you are looking through bottles that contain algae samples from Lake Erie. One of the bottles is labeled as *Dasya*. Has this algae been identified correctly? Explain why or why not.

