

# 1-1 INTERACTIONS OF LIVING THINGS

name \_\_\_\_\_ hr \_\_\_\_\_

1] Looking at the picture on page 4, list at least 5 items for each category. You may have to think about what could be there, because you may not be able to see it in the picture.

|   | ABIOTIC |    | BIOTIC |
|---|---------|----|--------|
| 1 |         | 6  |        |
| 2 |         | 7  |        |
| 3 |         | 8  |        |
| 4 |         | 9  |        |
| 5 |         | 10 |        |

2] Looking at the text and the picture on page 5, complete this matching list.

|            |  |
|------------|--|
| Organism   | A] All ecosystems in the entire world  |
| Population | B] Many different kinds of populations living in the same area                   |
| Community  | C] Just one organism of a certain type   |
| Ecosystem  | D] All the living populations plus all the non-living stuff located in one place |
| Biosphere  | E] A group of individuals all of the same species that live together             |

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3] Name at least 10 organisms that all live in the same community in the Ithaca area. You may not write the names of humans.

- |   |    |
|---|----|
| 1 | 6  |
| 2 | 7  |
| 3 | 8  |
| 4 | 9  |
| 5 | 10 |

4] How does the periwinkle snail use cordgrass?

- 1
- 2

5] How does the seaside sparrow use cordgrass?

6] How does the little marsh crab use cordgrass?

7] If humans sprayed a weed killer on the cordgrass, how would it change the ecosystem? Discuss with your neighbors. Write about at least 4 changes that would happen.

|   |
|---|
| 1 |
| 2 |
| 3 |
| 4 |

8] If the periwinkle snail, marsh crab, and other animals became extinct, how would this affect the cordgrass population?

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9] If humans had an oil spill in a river that lead to the salt marsh on page 6, predict the results on the ecosystem.