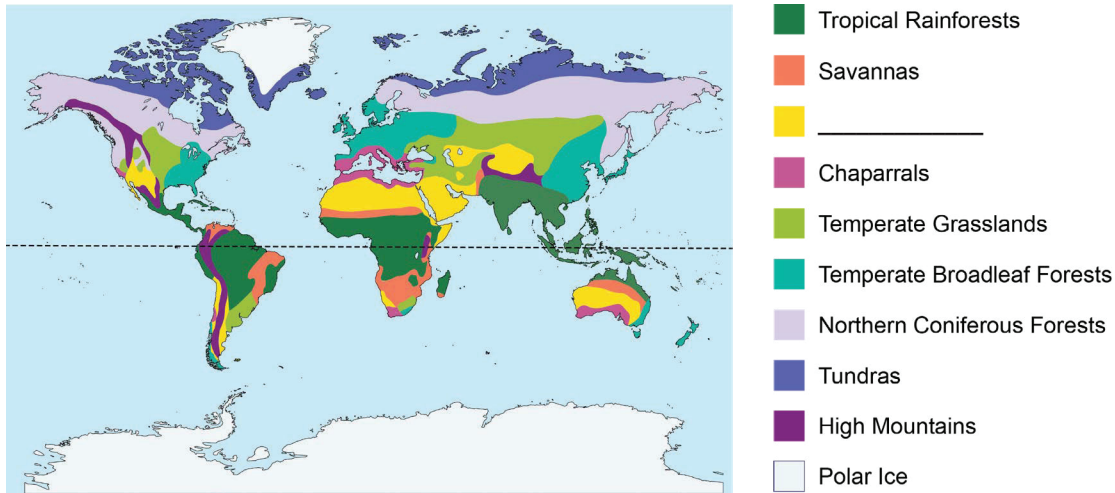


## TOPIC: INTRODUCTION TO TERRESTRIAL BIOMES

### Introduction to Terrestrial Biomes

- ◆ **Biome:** large area on Earth with distinctive \_\_\_\_\_, dominant plants (*flora*) & typical animals (*fauna*).
  - **Terrestrial Biomes:** found on \_\_\_\_\_ and characterized by climate & vegetation.
  - Each biome hosts \_\_\_\_\_ ecosystems, so same biomes across the globe are similar but NOT identical.
  - **Ecotone:** a transitional zone between two or more biomes with \_\_\_\_\_ characteristics of each.



### EXAMPLE

Which of the following is considered a biome?

- a) Miami beach.
- b) A giant sequoia tree.
- c) A public park.
- d) The desert.

### PRACTICE

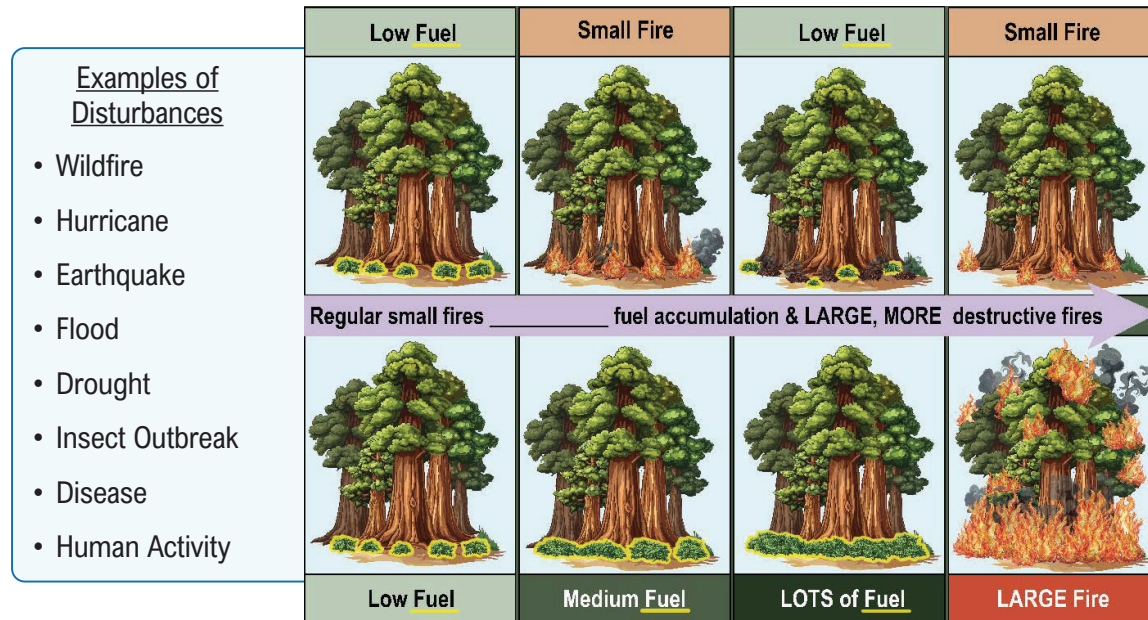
Which of the following statements is correct?

- a) All biomes can be found at high latitudes.
- b) All biomes can be found at tropical & subtropical latitudes.
- c) Each biome can be found on multiple different continents.
- d) Each biome is exclusive to one continent.

## TOPIC: INTRODUCTION TO TERRESTRIAL BIOMES

### Disturbances Make Biomes Dynamic

- ◆ **Disturbance:** short-lived event that \_\_\_\_\_/disrupts the structure & function of an ecosystem.
  - Influences resource availability, & therefore species \_\_\_\_\_.
- ◆ Some biomes have regular/predictable disturbances (a *disturbance regime*) that the community \_\_\_\_\_ on.



### EXAMPLE

Which of the following would NOT be considered a disturbance to a community?

- |                         |                            |
|-------------------------|----------------------------|
| a) A prolonged drought. | c) A day with no rainfall. |
| b) A flash flood.       | d) A hurricane.            |

### PRACTICE

Which of the following is least likely to be influenced by a single disturbance to an ecosystem?

- |                                           |                                        |
|-------------------------------------------|----------------------------------------|
| a) The amount of annual precipitation.    | c) The abundance/dispersal of animals. |
| b) The abundance/dispersal of vegetation. | d) Cleanliness of water.               |