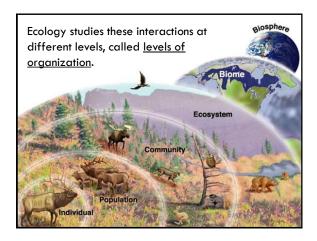
Introduction

 Life on earth is the result of <u>interactions</u> between <u>biotic</u> (living) and <u>abiotic</u> (non-living) factors.





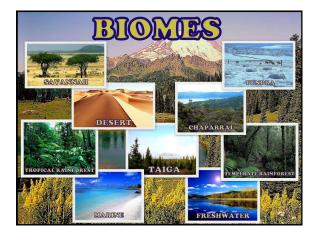
Level of Organization	Definition	Example
Species	individuals that can breed with one another	Bison
Population	all the individuals of the same species in an area	Bison herd
Community	all the different species in an area	Tawk, snake, bison, prairie dół, grass

Level of Organization	Definition	Example
Ecosystem	the community plus the physical factors in an area	Hawk, snake, bison, prairie dog, grass, stream, rocks, air
Biome	large area that has a particular climate and particular species of plants and animals	
Biosphere	the part of the earth that supports life	Biosphere

Biomes

- are classified based on the dominant <u>plants</u> and <u>animals</u> that live in a certain area
- Eg. The <u>Hot Desert</u> (yes there are cold deserts!) biome is characterized by:
 - > Vegetation such as cacti, small bushes, low grasses
 - Animals such as nocturnal reptiles, burrowing mammals





Biomes



- The types of plants and animals that can live in a certain area is determined by the <u>climate.</u>
- E.g. The warm <u>temperature</u> & lack of <u>precipitation</u> in a desert biome is what allows cacti to flourish.

