

Community

- **Community**: A group of biotic things that interact with one another. All organisms in a community depend on all other organisms.



Who's in the Community

- All energy comes from the sun!



- Autotrophs: Plants and other organisms that use sunlight to make their own food. They are also call producers.



- Heterotrophs: Eat other organisms to get energy.

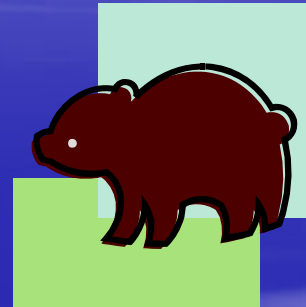


- Herbivores: Animals that eat only plants and are also called primary or first consumers.

- Carnivores: Animals that eat only other animals. Also called secondary consumers.



- Omnivores: Animals that eat both plants and animals. Can be either primary or secondary consumers.

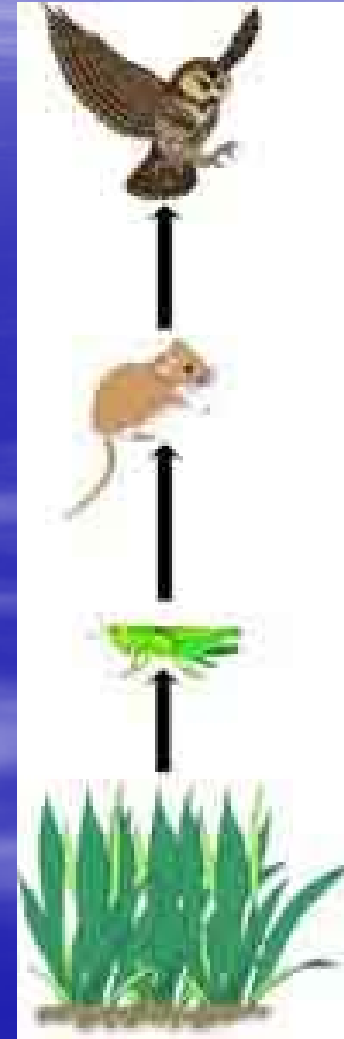


- Detritivores: Animals that only eat dead things. Also called decomposers, they break down dead organisms and return the nutrients to the soil.

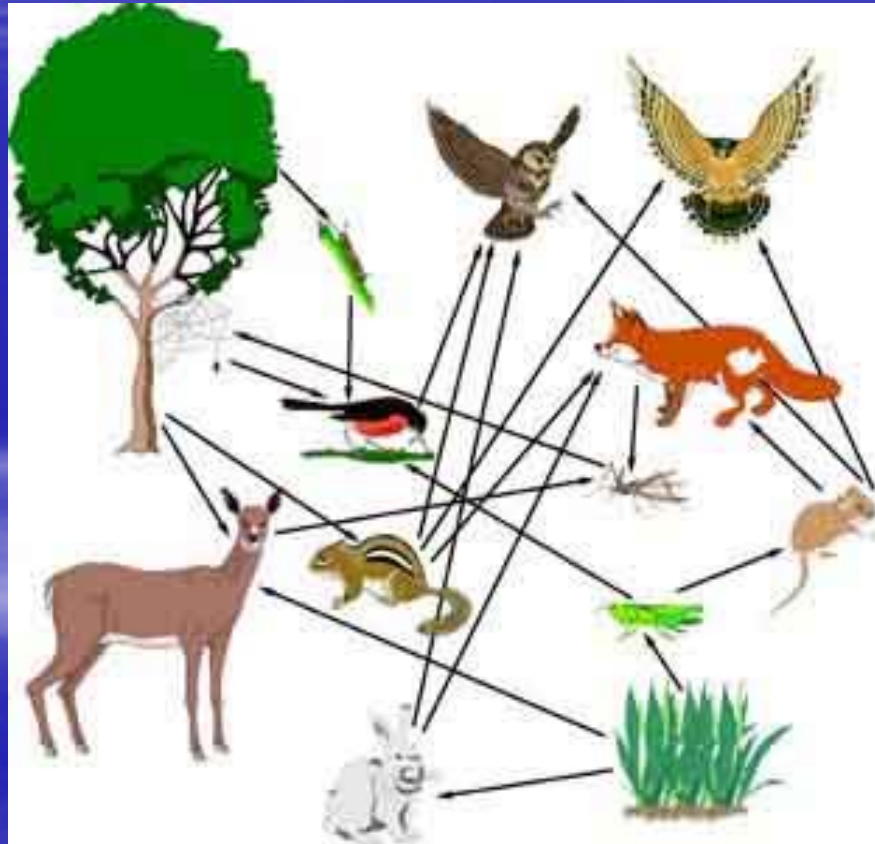


Energy Flow through a Community

- **Food Chain**: Shows how energy flows through an ecosystem.



- **Food Web**: Shows how animals eat a variety of food. Several food chains put together.



- **Food Energy Pyramid:**

Shows how energy decreases at each level as you go up.

- **Biomass Pyramid:**

Shows the decrease of matter in the food chain.

- **Numbers Pyramid:**

Shows how the numbers of the individuals decrease in a food chain.

