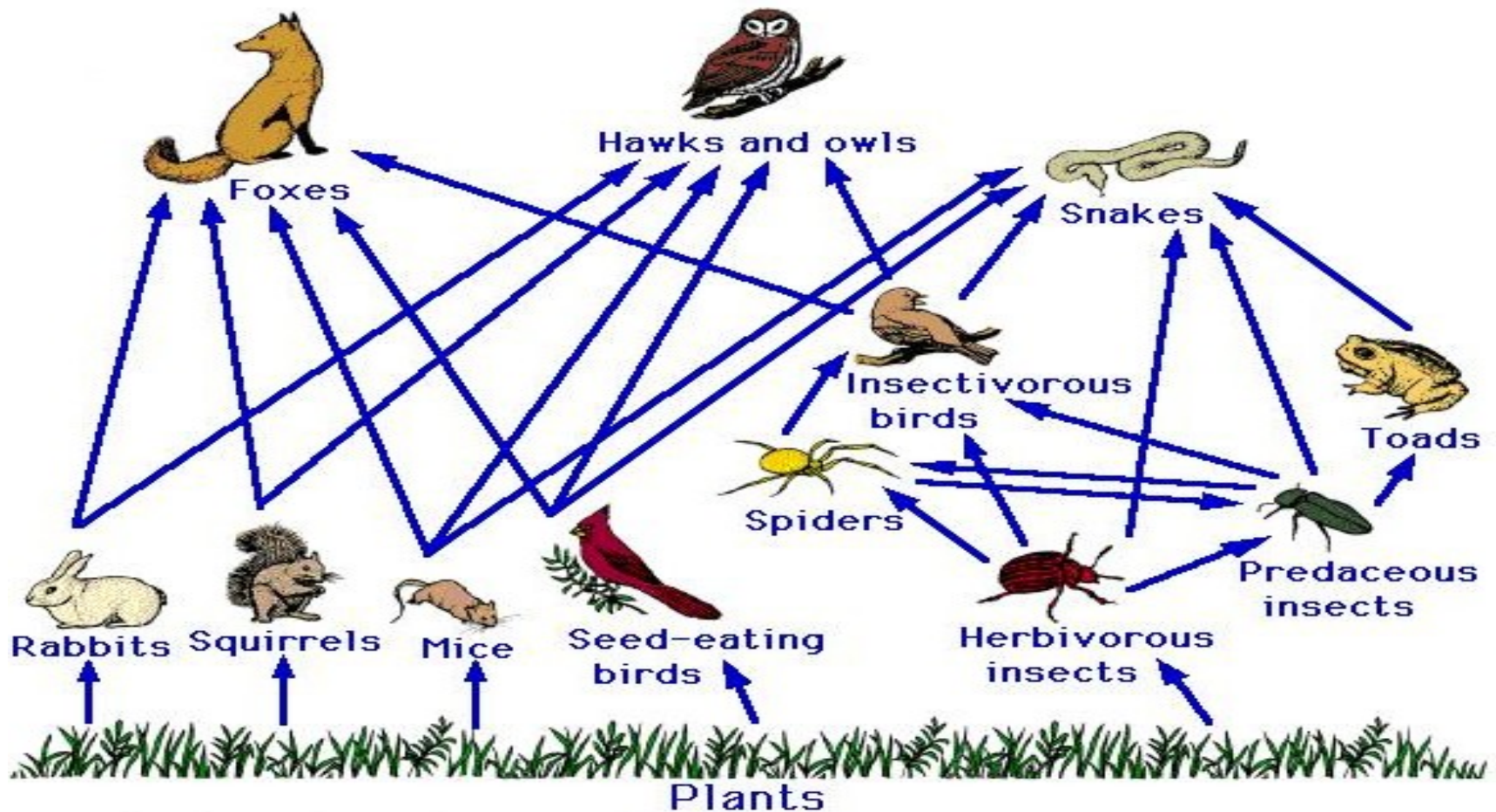
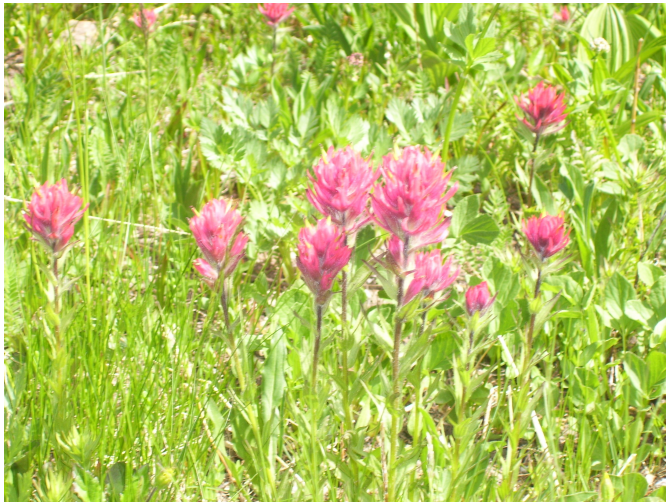


The fox gets energy from the rabbit.
The rabbit gets energy from the plant.



Producers

- Get energy from the sun using photosynthesis
 - Plants
 - Algae
 - Some bacteria



Consumers

- Eat other organisms
 - Primary consumers (herbivores)- eat only producers
 - Secondary consumers (carnivores)- eat primary consumers
 - Omnivores – eat both producers and consumers (plants and animals)
 - Scavengers – eats the leftovers from carnivores

Primary Consumer

- Eats producers
- Herbivore



Secondary Consumer

- Eat primary consumers
- Carnivores



Decomposers

- Get energy by breaking down dead organisms
 - Bacteria
 - Fungi



<http://www.faqs.org/photo-dict/phrase/621/bacteria.html>

Activities which are harmful to the environment

- Pollution
 - Water, air, and noise
- Exotic species
- Overpopulation
- Habitat destruction
- Deforestation
- Global Warming
- Depletion of resources



<http://www.gradebook.org/pollution4.gif>



<http://earthfirst.com/wp-content/uploads/2009/09/amazon-deforestation.jpg>

Activities which are helpful to the environment

- Restoration of natural environments
- Riverbank/coastal stabilization
- Recycling
- Channelization (rerouting rivers)
- Reintroduction of species
- Reduce
- Reuse

<http://besse.r.tsoa.nyu.edu/T-Shirts/per/recycle.JPG>



Renewable and Nonrenewable Resources

- **Renewable – can be replaced at the same rate it is used**
- **Nonrenewable- can not be replaced fast enough**

Renewable

- Geothermal energy (from the earth)
- Hydroelectric (water powered)
- Trees (although they can be cut down faster than they can be replaced)
- Windpower

Nonrenewable

- Coal
- Petroleum
- Natural gas

Recent events which have impacted the **Environment**

- Eruption of Eyjafjallajökull
- **Gulf Coast Oil Spill**



http://news.yahoo.com/nphotos/Iceland-volcano-erupts/ss/events/sc/041510icelandvolcano#photoViewer=/100517/ids_photos_india_wl/ra2776206444.jpg

http://news.yahoo.com/nphotos/slideshow/photo//100512/ids_photos_ts/r168370465.jpg/#photoViewer=/100512/ids_photos_ts/r1791644988.jpg

Eruption of Eyjafjallajökull

- Although it emitted a significant amount of CO₂ into the atmosphere, the fact that planes were grounded across Europe for an extended period of time, caused an actual reduction in the amount of CO₂ released into the atmosphere.

Some Effects of the Gulf Coast Oil Spill

- Birds
 - oil on their bodies prevents them from being able to fly
 - If they try to clean themselves, they can swallow the oil and be poisoned
- Seafood
 - Will effect crab, oyster and shrimp availability and prices
- Underwater Grass
 - Is being killed
- Sea Turtles
 - Eggs will not hatch or will be deformed
 - Turtles will try to eat the tarballs
 - Oil kills their food source



<http://www.kfdm.com/articles/oil-36329-bird-birds.html>

<http://www.nwf.org/News-and-Magazines/National-Wildlife/Animals/Archives/2010/Oil-spill-species.aspx>