Cycle of Renewal
in the Westside Lowland Forest

Producers
(Organisms that store the sun’s energy)

Green Plants
Algae, moss, ferns, horsetail, conifers, all flowering plants.

Primary Consumers
(Animals that eat producers)

Herbivores & Plant Parasites
Vertebrate Grazers and Seed Eaters: Deer, elk; mice, beavers, moles, rabbits, squirrels; seed and fruit-eating birds.
Invertebrate Grazers and Seed Eaters: Herbivorous insects such as bees, butterflies, aphids.
Parasites on Plants: Fungi, bacteria, parasitic flowering plants, insect galls, nematode worms, some protozoa.

Secondary Consumers
(Animals that eat other animals)

Carnivores, Animal Parasites & Omnivores (which feed on plants and animals)
Vertebrate Carnivores: Coyotes, bats, bobcats, weasels, mole shrews; many birds (owls, flickers, hawks, warblers), etc.
Invertebrate Carnivores: Many insects such as beetles and wasps.
Vertebrate Omnivores: Black bears, raccoons, crows, etc.
Animal Parasites: Worms, bacteria, etc.

Decomposers
(Organisms that feed by breaking down dead organic matter)

Bacteria, Fungi, Invertebrates
Bacteria: numerous
Fungi: Bracket, cup, spore fungi, lichens, chanterelles, gilled mushrooms, slime molds, water molds, etc.
Invertebrates: Banana slugs, snails, millipedes, termites, grubs, pill bugs, etc.