Coniferous Forest
Locations of coniferous forest

North America

Canada

Europe

Asia
Most significant Producer- Conifer trees

- Coniferous trees can be small bushes or one-hundred meters high redwood tree
- Grow up instead of out and are cone shaped
Producer-Mosses

- Moss is miniature plants that look like green carpet
- It gets confused for one plant when it’s many plants growing together
Producer-Fireweed

- Produces large quantities of pollen in winter and early spring
- It is frequented by honey bees
Producer-Grass

- Rice, corn, and oats come from grass.
- Most livestock eat grass
Ferns drop billions of spores during their lifetime, but very few ever land in a spot suitable for growth.
Consumer-Mice

- Mice are herbivores
Consumer-Chipmunks

- Chipmunks are the smallest member of the squirrel family
- They feed on nuts, berries, seeds, and grains
Consumer-Owls

❖ Owls are nocturnal

❖ Most owls hunt insects, small mammals, and other birds
Consumer-Foxes

- They usually live in forested areas, mountains grasslands, and deserts
- Foxes are omnivores
- They live short lives-3 years
Consumer-Weasels

- They are small sized carnivorous mammals
- Smallest carnivorous mammals in the world
Consumer-Wolves

- Their pack size is usually 2 to 30.
- They eat deer, moose, caribou, elk, bison, and musk ox
Lynx are related to tigers, lions, domestic cats, and jaguars.
Consumer-Small birds

- There are around 10,000 different species worldwide.
- Birds have hollow bones which helps them fly.
A food chain in the Coniferous forest:

Fireweed → Chipmunk → Weasel → Lynx
Climate

*Winters are cold and long; the summers are short and cool.
Seasons

Coniferous forest regions have 4 well-defined seasons.
Yearly Rainfall

Yearly rainfall is 20 mm- 62mm per year.
Temperature in Coniferous forest

The temperature is -40 degrees celsius to 20 degrees celsius.
Disturbances

**Logging is the biggest threat.**
- Trees are replanted after logging but usually only one kind of tree and this creates a monoculture, no biodiversity.
- Deforestation leads to soil erosion and destroys wildlife habitats.
- Land is being cleared for ski slopes, landfills, housing and new roads.
Who is it hurting?

All organisms that live in the forest are affected because they are losing habitat, places to live and hunt in.
Vocab

Clear cutting
Deforestation
Coniferous