



The Forest Biome

Name _____

Life in the Forest

1) There are three different types of forests: _____, _____, and _____.

2) Tropics: _____; North: _____; Between _____.

3) The four characteristics of temperate forests include: _____; _____
_____; _____; _____.

4) The three main types of temperate forests include: _____;
_____;

5) _____: leaf-shedding.

6) The five zones of the temperate deciduous forest include:

- _____: Tree Stratum Zone
- _____: Small Tree & Sapling Zone
- _____: Shrub Zone
- _____: Herb Zone
- _____: Ground Zone



7) The taiga forest is also called _____ or _____ forest.

8) Taiga forests are found across _____ America, Europe, _____, and along the border of the _____ tundra.

9) Taiga forests were once covered with _____. After they receded, _____ were left. These turned into _____.

10) Winters are _____ and _____.

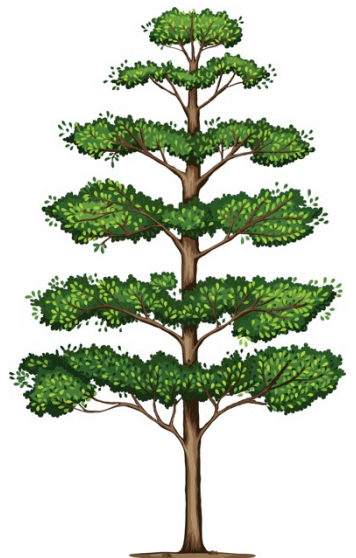
11) Summers are _____, _____, and _____.

12) _____ makes winter days frigid.

13) Winter days are _____, while summer days are _____.

14) Yearly precipitation in the taiga forest is _____ to _____ inches.

15) Precipitation in the taiga forest comes from both _____ and _____.



Who Lives in the Forest?

1) Animals of the temperate forest include: _____ bears, mountain _____, deer, squirrels, _____, fox, _____, porcupines, wolves, _____, and hawks.

2) Many of the animals eat _____.

3) Animals of the temperate forest adapt to the environment in the following ways

- _____
- _____
- _____
- _____ and _____ eggs



4) Animals of the taiga forest have _____ fur.

5) Animals that cannot survive in the frigid winters _____ to warmer areas.

6) Animals of the taiga forest include: _____, jays, ermine, moles, _____, _____, _____, snowshoe _____, grizzly bears, lynxes, and _____.



Plants of the Forest

- 1) The temperate forest grows in _____.
 - Top Layer: _____
 - Middle Layer: _____
 - Bottom (Third) Layer: _____

- 2) Many plants _____ their leaves and rely on _____ during the winter.

- 3) During the summer, the leaves of the deciduous trees are _____.

- 4) Leaves turn red, orange, and yellow due to the break down of _____.

- 5) The most common tree in the taiga forest are _____.

- 6) _____: cone-bearing. Also known as _____; they include: _____, spruces, and _____.

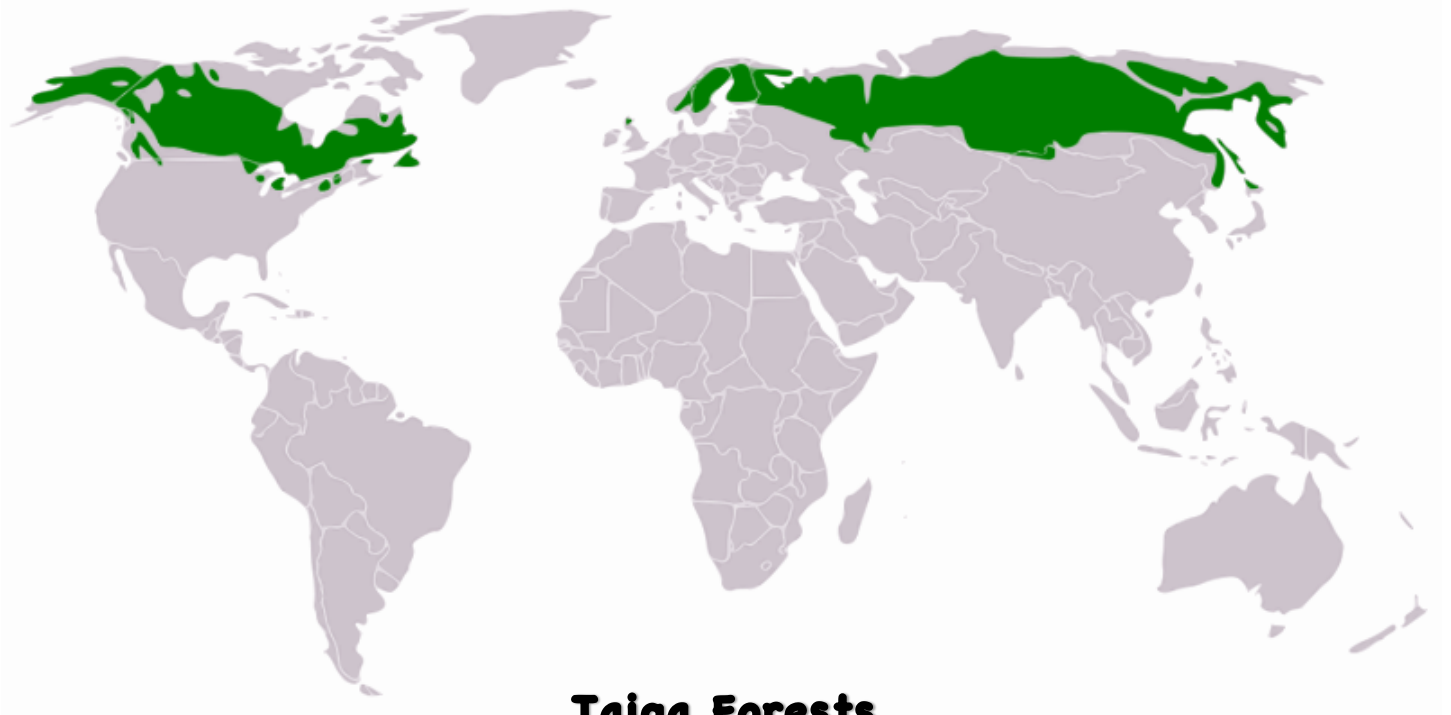
- 7) _____ trees include: _____, birch, and _____.

- 8) Soil in the taiga forest is _____, _____, and thin.

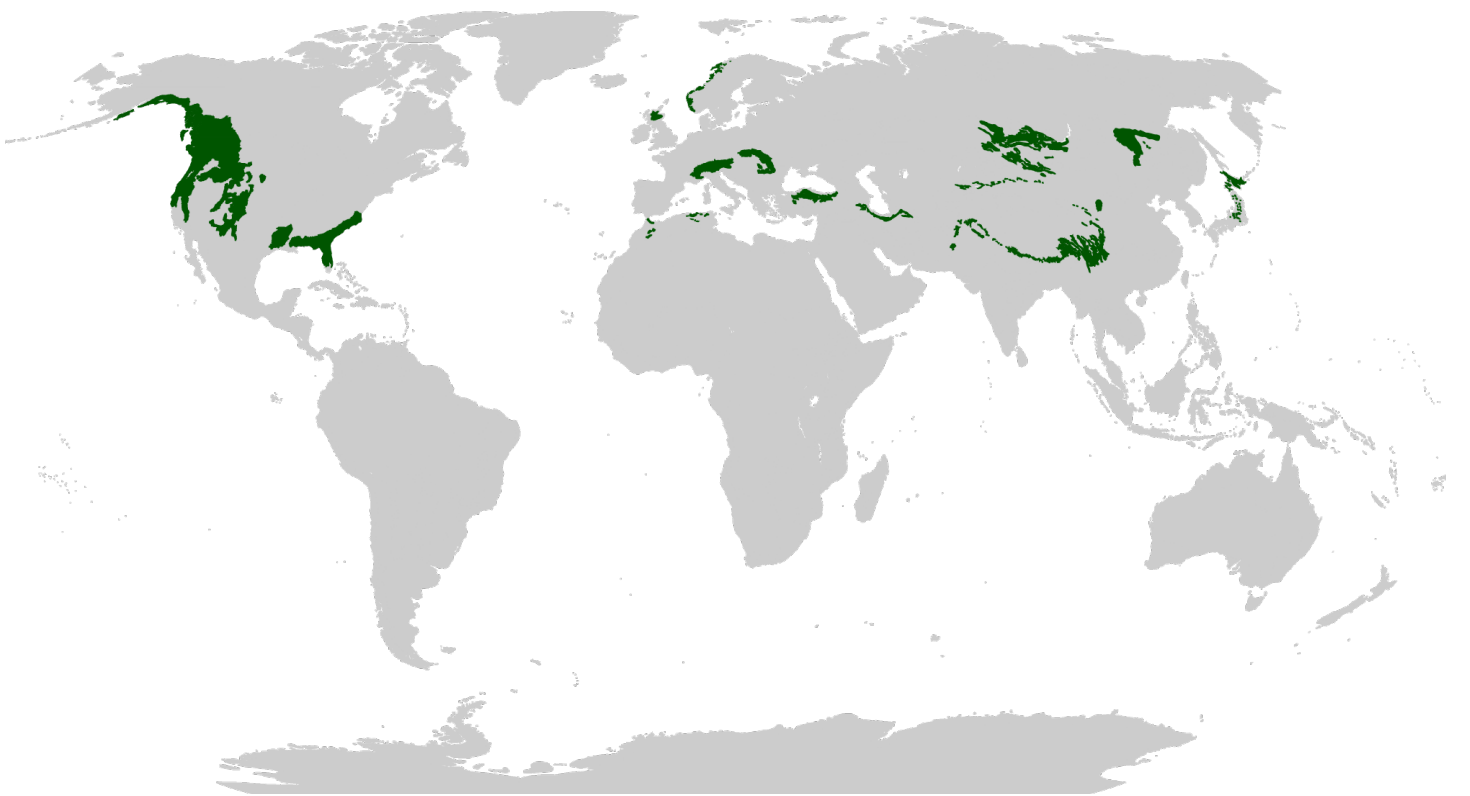
- 9) Pine needles help to keep _____ in the tree.



Forests of the World



Taiga Forests



Temperate Coniferous Forests

Life in the Forest

- 1) There are three different types of forests: **rainforests**, **temperate**, and **taiga**.
- 2) Tropics: **rainforests**; North: **taiga**; Between **temperate**.
- 3) The four characteristics of temperate forests include: **temperature**; **four seasons**; **rain**; **fertile soil**.
- 4) The three main types of temperate forests include: **coniferous**; **broad-leafed**; **mixed coniferous and broad-leafed**.
- 5) **Deciduous**: leaf-shedding.
- 6) The five zones of the temperate deciduous forest include:
 - **First**: Tree Stratum Zone
 - **Second**: Small Tree & Sapling Zone
 - **Third**: Shrub Zone
 - **Fourth**: Herb Zone
 - **Fifth**: Ground Zone
- 7) The taiga forest is also called **coniferous** or **boreal** forest.
- 8) Taiga forests are found across **North** America, Europe, **Asia**, and along the border of the **Arctic** tundra.



9) Taiga forests were once covered with **glaciers**. After they receded, **depressions** were left. These turned into **lakes**.

10) Winters are **cold** and **long**.

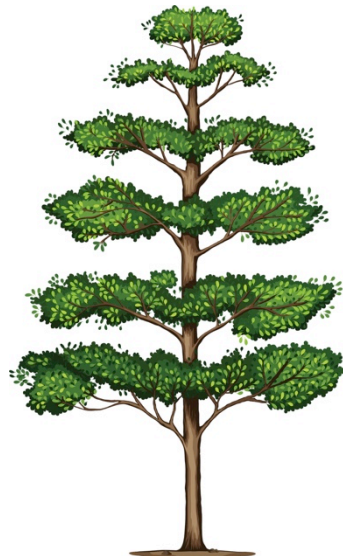
11) Summers are **short, mild,** and **wet..**

12) **Arctic air** makes winter days frigid.

13) Winter days are **short**, while summer days are **long**.

14) Yearly precipitation in the taiga forest is **10** to **30** inches.

15) Precipitation in the taiga forest comes from both **snow** and **rain**.



Who Lives in the Forest?

1) Animals of the temperate forest include: **black** bears, mountain **lions**, deer, squirrels, **turkeys**, fox, **skunks**, porcupines, wolves, **raccoons**, and hawks.

2) Many of the animals eat **nuts**.

3) Animals of the temperate forest adapt to the environment in the following ways

- **Staying active**
- **Migration**
- **Hibernation**
- **Die** and **lay** eggs



4) Animals of the taiga forest have **thick** fur.

5) Animals that cannot survive in the frigid winters **migrate** to warmer areas.

6) Animals of the taiga forest include: **squirrels**, jays, ermine, moles, **deer**, **elk**, snowshoe **hares**, grizzly bears, lynxes, and **wolverines**.



Plants of the Forest

- 1) The temperate forest grows in **layers**.
 - Top Layer: **canopy**
 - Middle Layer: **understory**
 - Bottom (Third) Layer: **forest floor**

- 2) Many plants **lose** their leaves and rely on **sap** during the winter.

- 3) During the summer, the leaves of the deciduous trees are **broad**.

- 4) Leaves turn red, orange, and yellow due to the break down of **chlorophyll**.

- 5) The most common tree in the taiga forest are **coniferous trees**.

- 6) **Coniferous**: cone-bearing. Also known as **evergreens**; they include: **pin**es, spruces, and **firs**.

- 7) **Deciduous** trees include: **oak**, birch, and **willoq**.

- 8) Soil in the taiga forest is **rocky, acidic**, and thin.

- 9) Pine needles help to keep **water** in the tree.

