

Ecology and the Boreal Forest Review Questions

What are five products that can be produced from trees?

- a.....
- b.....
- c.....
- d.....
- e.....

What is the understory of a forest?

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How can deadwood become a fire hazard for large forest trees?

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How do understory plants compete with large timber trees?

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Why does the loss of valuable topsoil continue to be a problem in forest areas?

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How can the loss of trees affect the life cycle of fish?

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What is succession?

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.....

What are three ways that seeds are spread onto a forest site?

a).....

b).....

c).....

What is a “climax forest”?

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Why is photosynthesis an important process for trees in the forest?

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Why is decomposition in the forest an important process?

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What is the difference between a “biome”, a “habitat” and a “niche”?

Biome is.....
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Habitat is.....
.....

Niche is.....
.....

Explain two circumstances which must happen before a tree can reproduce.

a.....

b.....

Why is the “rate of growth” of trees important in the forest?

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What is the difference between a “sprout” and a “sucker” as means of reproduction?

sprout.....

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sucker.....

.....

What are 3 advantages of “vegetative reproduction”?

1.....

2.....

3.....

Why are “self-pruning” and “self-thinning” important processes on the forest site?

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Explain:

a. moisture tolerant trees

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b. shade intolerant trees

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Name 5 “abiotic factors” within a forest ecosystem:

1.....

2.....

3.....

4.....

5.....

