



THE FORESTAL NUTRIENT CYCLE IN DIFFERENT CLIMATES

WORKSHEET 4



Work with a partner. Look at the pictures. Compare the two systems. Use the language support.

Percentage of nutrient substance ...

... in the tropical rainforest

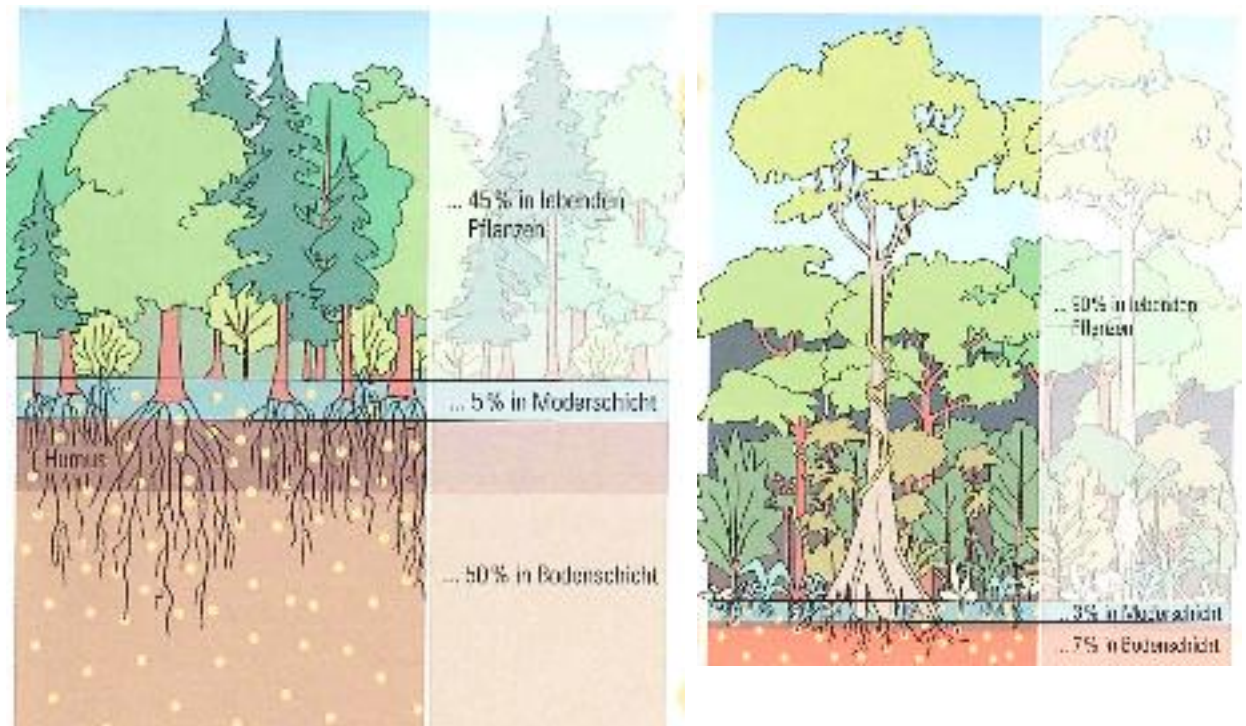
... in a central European forest

90% in living plants

45 % in living plants

3% in a layer of decomposing substance

7% in the soil



Language support



While in the rainforest there's ... % of ... in ..., in a central European forest, there's ...%.

In ... there's only ... % in ..., but in ... there's ... % in....

There's twice as much nutrient substance ... in ... than in ...

If you take away the living plants in a ... forest, you take away ... % of the nutrient substance.



() The problem with cutting down tropical rainforest is that it isn't able to recover. Can you imagine why? Why is central European forest able to recover? Discuss in groups, then report to the class.

Assessment

Learners give reasons why tropical forest cannot recover from being cut down.

Answers to Worksheet 4

Suggested answers

While in the rainforest there's 90 % of the nutrient substance in the living plants, in a central European forest, there's 45%.

In the rainforest there's only 5 % nutrient substance in the soil, but in a Central European forest there's 50 % in the soil.

There's twice as much nutrient substance living plants in rainforest than in a Central European forest

If you take away the living plants in a tropical forest, you take away 90 % of the nutrient substance.