

Results of deforestation

The ecosystem...

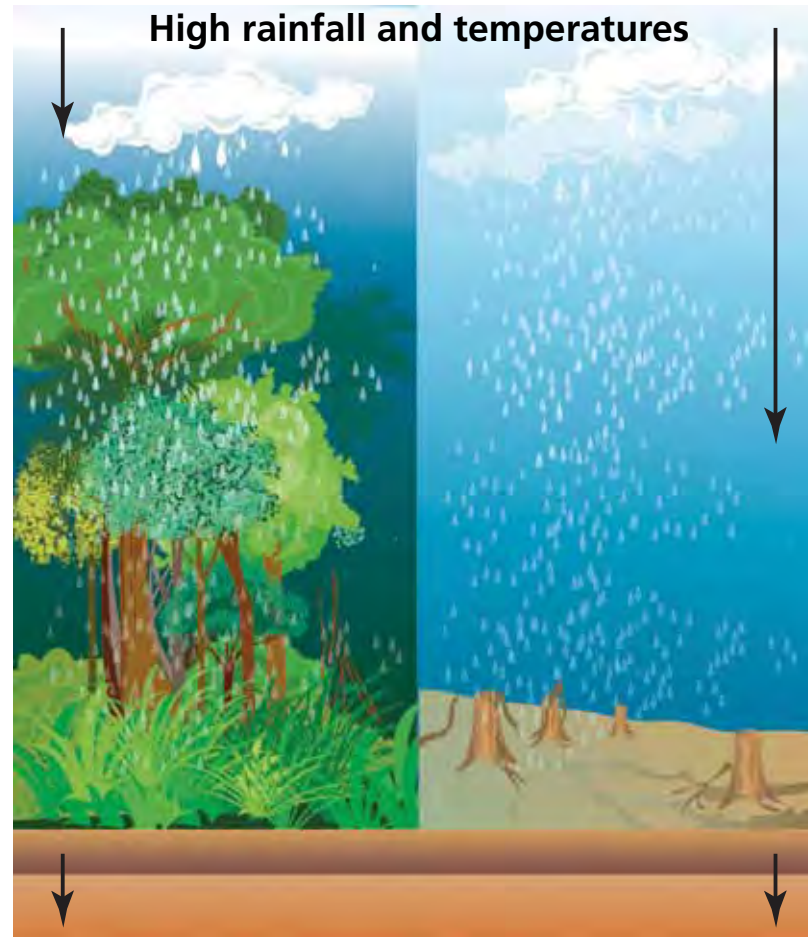
Precipitation intercepted.

Canopy provides
1

2 reduces
amount of water in the ground.

Bacteria turn plant litter into
3

4
is limited



...destroyed.

Heavy rain causes
5

Hardened soil increases
6
by surface water.

More groundwater means swollen
rivers and 7

Soil becomes barren and eventually
8

Heavy leaching occurs.

Results of deforestation

The ecosystem...

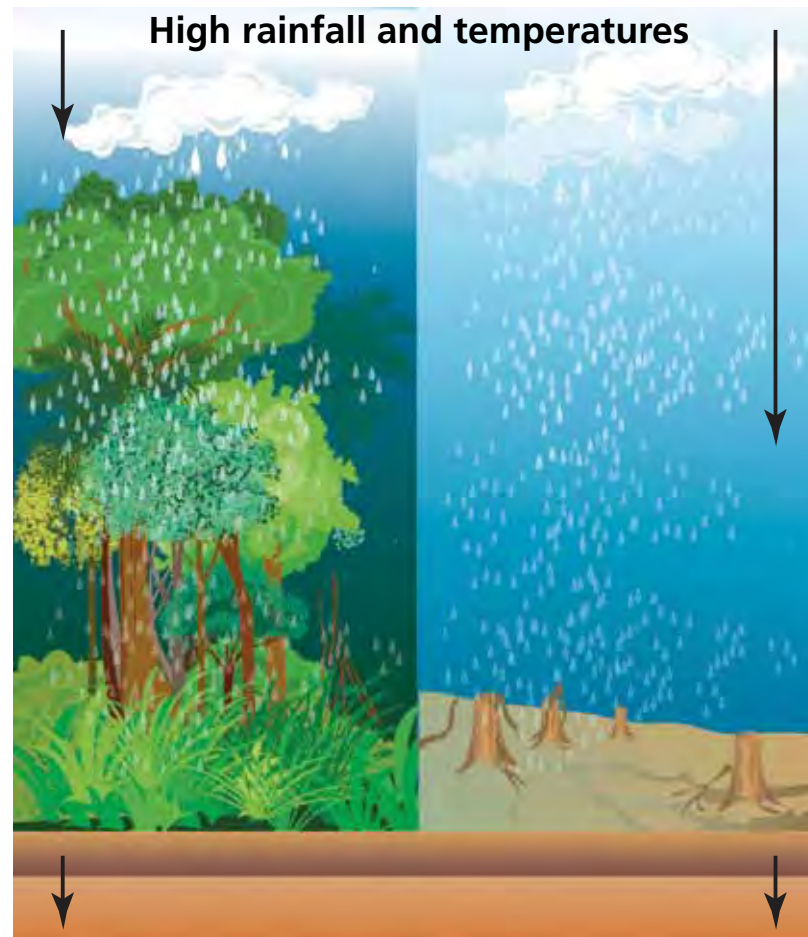
Precipitation intercepted.

Canopy provides shade.

Transpiration reduces amount of water in the ground.

Bacteria turn plant litter into humus.

Leaching is limited.



...destroyed.

Heavy rain causes erosion.

Hardened soil increased gully erosion by surface water.

More groundwater means swollen rivers and flooding.

Soil becomes barren and eventually desertified.

Heavy leaching occurs.