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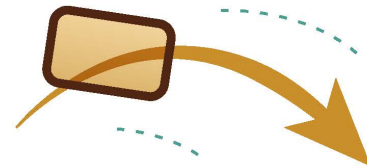
NATURE STUDIES AUGMENTED REALITY BOOK

DEAR INQUIRER,

With the help of this test page you can try the augmented reality experience for free. We have brought one of our 40 topics as a sample, so you can get an idea of what awaits you in the book.

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CLIMBING THROUGH CLIMATES!

In mountainous areas, the temperature, pressure, and oxygen content of the air decrease with increasing altitude, while precipitation, daily heat fluctuations, and solar irradiance increase.

ALTITUDINAL ZONES

In **mountain regions**, temperatures are lower all year round, and the annual rainfall is high. With increasing altitudes, corresponding climate zones form. Climatically adapted vegetation demonstrates the **leveling** process.



WHERE ARE THE BOUNDARIES?

One of the most important boundaries separating the zones is the **forest boundary**; there is no contiguous forest above it. The upper limit of solitary trees is marked by the **tree line**. Above the **snow line** is the realm of eternal snow. Between the tree line and the snow line lies the **frost line**.



THE MOUNTAINS OF THE TEMPERATE ZONE

The altitudinal belts of the temperate zone are well illustrated by the **Alps**. Between 500-800 metres, the **typical vegetation** is deciduous forest. Up to 1500 m, beech and pine forests are characteristic, followed by pine forests with dwarf shrubs and rhododendrons. Above the forest boundary (timberline / tree line), dwarf shrubs, mosses and lichens occur up to 2800 m, where the realm of eternal frost begins.



THE TROPICAL ZONE

The altitudinal belts of the mountain ranges of the tropical zone are illustrated by the **Andes** with one of the most complete sets of zones.



TEST YOUR KNOWLEDGE

1. Complete the text.
high, vegetation, lower, zones

Temperatures in the mountain areas are year-round , and the annual precipitation is than in the surrounding climatic zone. With increasing altitude, the corresponding climatic are formed. Levelling is represented by the climate-adjusted

2. Write the names of the boundaries separating the zones!

Forest line
Tree line
Snow line
Frost line

