

Nature facts (Sub types of forest)

a) Coniferous forest —

Coniferous forest has coniferous trees, which means trees have needle-like leaves along with a waxy layer to reduce water loss. Coniferous forests have trees such as pines, spruces, and firs. These trees bear cones instead of flowers, and within the cone there are seeds. Coniferous forests are found in North America, Europe, and Asia, in the Northern Hemisphere, at high latitudes. These forests experience long, severe winters with cold temperatures and short, cool, and moist summers.

b) Deciduous forest –

Deciduous forest trees lose their leaves once a year. The process of shedding leaves helps to survive extreme weather conditions. There are four seasons in this region where deciduous forests exist. The deciduous forests are again subclassified as a) temperate deciduous forests and b) tropical deciduous forests.

Temperate deciduous forests are found in the Northern Hemisphere, including North America, Europe, and parts of Asia. In the temperate forest, leaves change their color in autumn and fall off in winter.

Tropical deciduous forests are also known as monsoon forests. There are two seasons, a long summer season and a monsoon season. Tropical deciduous forests developed in regions such as India, Northern Australia, and Central America.

c) Evergreen forests —

In evergreen forests, green leaves remain on the tree for the entire year. Evergreen forests are distinguished by a continuous canopy, high rainfall, consistent temperatures, and overgrown vegetation. Evergreen forests are located near the equator and in areas with heavy rainfall. Evergreen forests are subdivided into tropical evergreen forests, temperate evergreen forests, and Mediterranean woodlands.

Tropical evergreen forests — there is heavy rainfall in the tropical evergreen rainforest. There is a lush green, closely packed, and a tall tree.

Temperate evergreen forests are defined by coniferous and holly trees. These trees can survive in cold and warm conditions. They are located in areas with a short dry season, high altitude, and regular rainfall.

Mediterranean Woodlands – Mediterranean Woodlands are located in the Mediterranean climate region, some parts of Australia, and South Africa as well.

d) Mangrove forests –

The trees that are located in mangrove forests are able to survive in environments such as saltwater, coasts, estuaries, and lagoons. They play an important role in coastal protection and carbon sequestration. These forests provide timber and food to people who reside in coastal regions. The Sundarbans, Bhitarkanika, and the Godavari-Krishna delta are examples of mangrove forests.

e) Montane forest –

Montane forests are located at high altitudes on mountains. Montane forests are defined by cooler temperatures, rugged terrain, and high humidity. They are important for watershed protection, soil stability, and carbon sequestration.

e) Thorn forest –

Thorn forests are defined by low water-requirement trees in areas with low rainfall. Thorn forests are found in [Southwestern North America](#), [Africa](#), [South America](#), India, and [Australia](#). Plants that are present in thorn forests, have long roots, small, and thick leaves.

References –

- <https://www.geeksforgeeks.org/social-science/coniferous-forests-temperature-climate-location-facts/>
- <https://www.geeksforgeeks.org/social-science/tropical-deciduous-forests/>
- [https://en.wikipedia.org/wiki/Temperate deciduous forest](https://en.wikipedia.org/wiki/Temperate_deciduous_forest)
- [Coniferous Forest](#)
- <https://www.britannica.com/science/temperate-forest#ref591903>
- <https://www.geeksforgeeks.org/social-science/temperate-evergreen-forests/>
- <https://www.geeksforgeeks.org/social-science/tropical-evergreen-forests/>
- <https://earthobservatory.nasa.gov/biome/biotemperate.php>
- <https://www.britannica.com/science/temperate-forest>
- <https://www.britannica.com/plant/Mediterranean-vegetation>
- [https://en.wikipedia.org/wiki/Mediterranean forests, woodlands, and scrub](https://en.wikipedia.org/wiki/Mediterranean_forests,_woodlands,_and_scrub)
- [https://en.wikipedia.org/wiki/Mangrove forest](https://en.wikipedia.org/wiki/Mangrove_forest)
- <https://en.wikipedia.org/wiki/Estuary>
- [Montane Forests](#)
- <https://www.geeksforgeeks.org/social-science/montane-forests-of-india/>