

Chapter 5

Natural vegetation and wildlife

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INTRODUCTION

- India is one of the 12 mega biodiverse countries in the world in plant and animal diversity.
- **In-plant diversity**
- 10th place in the world and 4th is in Asia with having approximately 47,000 plant species in India.
- Approx. 15000 flowering plants comprise 6 % of the world total number of flower plants.
- **In animal diversity**
- Approx. 90,000 animal species with a rich variety of fish in fresh as well as in marine water
- Natural vegetation;
- It refers to plant communities which are grown naturally without the help of human and left undisturbed by human over a long period of time. It is also known as virgin vegetation.
- The virgin vegetation, which are purely Indian are known as endemic or indigenous species but those which have come from outside India are termed as exotic plants.
- **Flora**
- Flora word is used to denote plants of the particular region over the period.
- **Fauna**
- The species of animals are referred to as fauna.

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THE HUGE DIVERSITY OF FLORA AND FAUNA IS DUE TO THE FOLLOWING FACTORS:

Relief: land, soils

Land:

- Different type of vegetation is found in mountain, plateau, and plain areas.
- Fertile land is used for agriculture.
- Rough terrain is for grassland and woodland.
- Different types of vegetation are found in different soil.
- Sandy soils: cactus, thorny bushes vegetation.
- Wet, marshy, deltaic soils: Mangrove vegetation.
- Hillslope with a depth of soils: Conical trees.

Climate:

Three major deciding factors: Temperature, Photoperiod (sunlight), Precipitation

Temperature:

Based on the temperature tropical, subtropical, temperate, and alpine vegetation are grown.

Tropical: Mean temp. More than 24° C. , Mean temp. In January: more than 18° C

Subtropical: 17 to 24, 10 to 18 c

Temperate: 7 to 17° C, -1 to -10 C

Alpine: -7C, Less than -1 c

Photoperiod:

Due to the larger duration of sunlight in the summer season, the tree is grown faster.

Precipitation:

Dense vegetation is grown in heavy rainfall areas.

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In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Notes Of Ch 5 Natural Vegetation And Wildlife Class 9th**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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