

# **VEGETATION**

Sagareshwar is an undulating hilly track with a very small plateau at the top. On this top and on the slopes there is relatively less and stunted vegetation. The vegetation of study area is dry mixed deciduous and thorn forests.

**Dry mixed deciduous forest:**

The main natural dominant species seen on the top and slopes are *Anogeissus latifolia*, *Boswellia serrata*, *Buchanania cochinchinensis*, *Butea monosperma*, *Capparis grandis*, *Capparis divaricata*, *Cassia fistula*, *Dolichandrone falcata*, *Erythrina suberosa*, *Eugenia jambolana*, *Morinda pubescens*, *Terminalia elliptica* and *Woodfordia fruticosa*.

**Thorn forests:**

The common species are *Acacia chundra*, *Balanites aegyptiaca*, *Cassia auriculata*, *Dichrostachys cinerea*, *Canthium coromandelicum*, *Carissa carandus*, *Maytenus senegalensis*, *Rhus sinuata* and *Ziziphus mauritiana*,

Twiners such as *Cocculus hirsutus*, *Combretum albidum*, *Gymnema sylvestre*, *Wattakaka volubilis* occur in this area.

**Grasses:**

Some of the common grasses include *Apluda mutica*, *Aristida funiculata*, *Chrysopogon fulvus*, *Cymbopogon martinii*, *Dichanthium foveolatum*, *Dichanthium pertusum*, *Heteropogon contortus*, *Lophopogon tridentatus*, *Melanocenchris jacquemonti*, *Microchloa indica*, *Sehima sulcatum* and *Themada quadrivalvis*.

**Medicinal plants:**

Some of the important medicinal plants found in the sanctuary are *Abrus precatorius*, *Andrographis paniculata*, *Clerodendrum serratum*, *Bauhinia racemosa*, *Cardiospermum helicacabum*, *Celastrus paniculata*, *Gloriosa superba*, *Gymnema sylvestre*, *Hemidesmus indicus*, *Morinda pubescens*, *Plumbago zeylanica* and *Rhus sinuata*.

**Endemic plants:**

The plants endemic to peninsular India found in the sanctuary are *Argyreia cuneata*, *Iphigenia pallida*, *Lophopogon tridentatus*, *Oropetium roxburghianum* and *Sehima sulcataum*.

**Economically important plants:**

*Anogeissus latifolia*, *Boswellia serrata*, *Buchanania cochinchinensis*, *Celastrus paniculata*, *Morinda pubescens*, *Semecarpus anacardium* and *Tectona grandis* are economically important plants found in the sanctuary.

**Plantation:**

In the sanctuary plantations were undertaken with the objectives of soil and moisture conservation, fodder development and improvement of habitat. Planted species were *Acacia nilotica*, *Azadirachta indica*, *Cassia fistula*, *Cassia siamea*, *Dalbergia sisoo*, *Delonix regia*, *Emblica officinalis*, *Eucalyptus globosus*, *Gliricidia sepium*, *Limonia acidissima*, *Tamarindus indica*, *Tectona grandis*, *Pongamia pinnata* and *Semecarpus anacardium*.