

CHAPTER 07

Different Ecosystems

Mangrove in ecosystem:

- These are one of the most productive ecosystems on the earth.
- These derive minerals from terrestrial, fresh water and tidal salt waters.
- Mangroves serves as an important feeding, nourishing and breeding ground for variety of organisms.

Ex. Coringa mangrove, is situated in south of Kakinada.

Biotic and abiotic components of mangroves:

Biotic components:

Producers – Spirogyra, Ulothrix, BGA

Consumers – Shrimp, Crab, Hydra

Decomposers – Detritus feeding bacteria

Abiotic components:

Marine and fresh water, Temperature, Sunlight etc.