






Mangroves around the world

A presentation put together by Rumaisa





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What are mangroves?

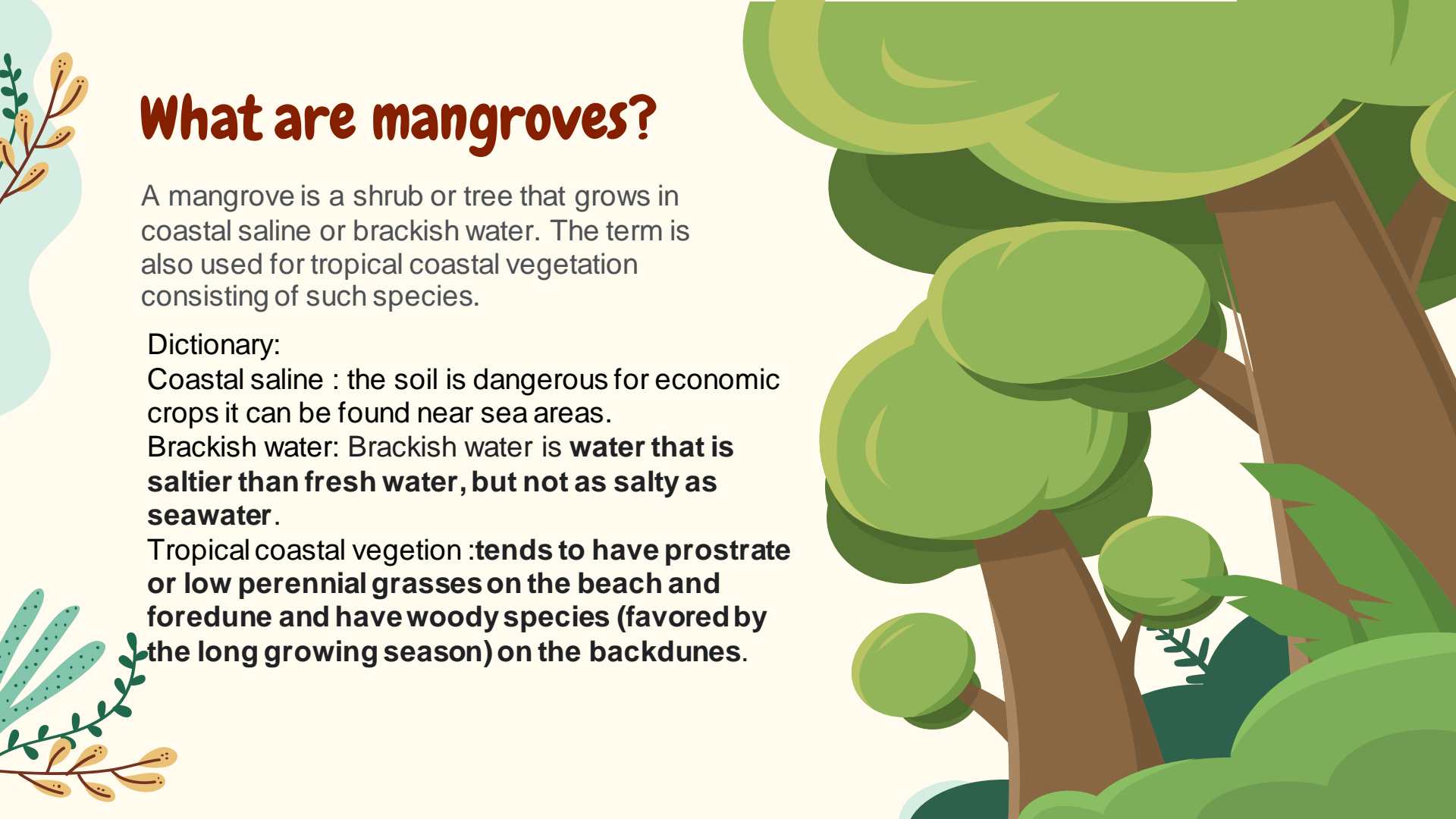
A mangrove is a shrub or tree that grows in coastal saline or brackish water. The term is also used for tropical coastal vegetation consisting of such species.

Dictionary:

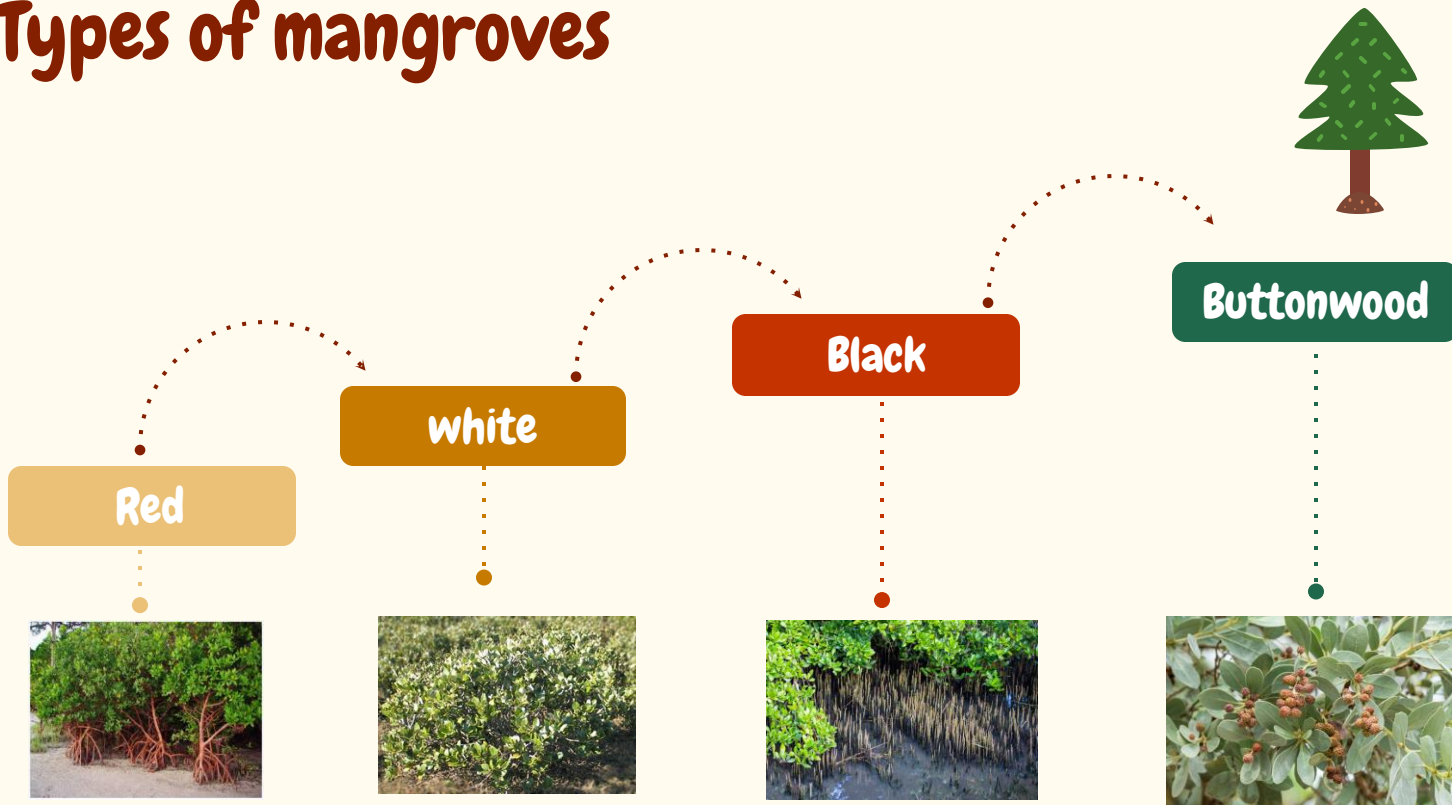
Coastal saline : the soil is dangerous for economic crops it can be found near sea areas.

Brackish water: Brackish water is **water that is saltier than fresh water, but not as salty as seawater**.

Tropical coastal vegetation : **tends to have prostrate or low perennial grasses on the beach and foredune and have woody species (favored by the long growing season) on the backdunes.**



Types of mangroves



Benefits of mangroves



1.

They help prevent erosion



2.

They sequester a lot of carbon



3.

They act as natural barriers against rising tides



4.

They protect over 300 speices

Dictionary:

Erosion: refers to displacement of solids such as water , wind and ice.

What environment do mangroves live in

Mangroves are tropical plants that are adapted to **loose, wet soils, salt water and being periodically submerged by tides**. Four major factors appear to limit the distribution of mangroves: climate, salt water, tidal fluctuation and soil type. There are more than 50 species of mangroves found throughout the world.

Dictionary:

Tidal fluctuation :Tidal range is the difference in height between high tide and low tide. Tides are the rise and fall of sea levels caused by gravitational forces exerted by the Moon and Sun and the rotation of Earth. Tidal range depends on time and location.



Are mangroves endangered?



Despite their ecological and economic importance, **mangroves are under threat worldwide**. Over the past 50 years, aquaculture and commercial fish farming has destroyed a third of the world's mangrove forests. In some regions of the world such as the Philippines the loss has been up to 80 percent.

What can we do to help the endangered mangroves?



1.

Participate in a Mangrove Cleanup.



2.

Protect Existing Mangroves.



3.

Help Plant Mangroves



4.

Reduce Single-Use Plastic Consumption



Thank
you

