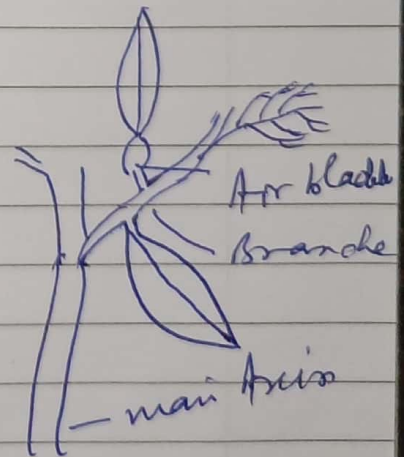
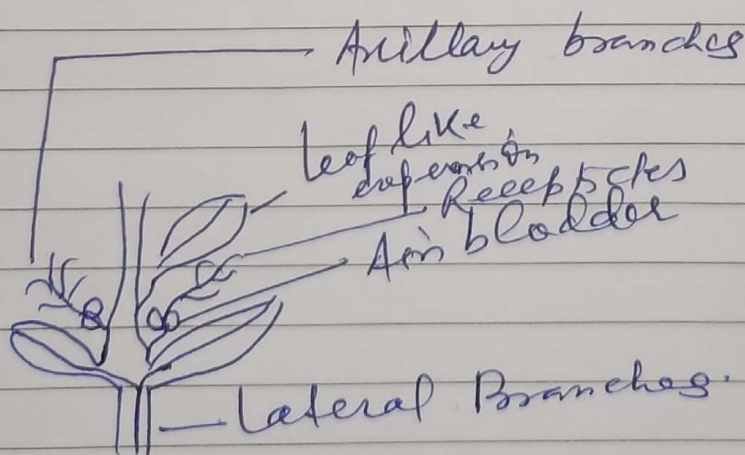


Sargassum (Phaeophyceae)

DATE

--	--	--	--	--	--

- 150 species
- 16 species found in India
- Very common in Africa, South America, Australia etc.
- = In west America, a part of the Atlantic ocean becomes densely occupied by Sargassum & the region is called Sargasso sea.
- = Free floating
- plant body diploid (2n), erect, branched thallus which differentiated into a basal holdfast and an expanded, leafy, cylindrical main axis.
- Hold fast - discoid and serves the function of Anchorage with Substratum.
- Main Axis - Erect, cylindrical, primary laterals are also called long shoot due to its unlimited growth.
- ostioles → dots present on both side of leaf. also called Cryptostomata



DATE

--	--	--	--	--	--	--	--	--	--

= Primary laterals bear flat, expanded structures called secondary laterals or leaves

= the leaves are replaced by many spherical ~~tetrads~~ hollow bodies call air bladder.

= Ruppelia bears many fertile flask shaped structures called conceptacles which bears sex organs.

Amo (Anatomy)

Circular & differentiate in to three regions — Outer meristem — Single ^{strat} layer
— Middle cortex
— Inner most medulla