

PLANTS

- a. Floating plants – float freely on water e.g. *Pistia*, *Lemna* *Salvinia*
- b. Submerged Vegetation – Plants completely under water e.g. *Ceratophyllu*, *Utricularia*
- c. Rooted vegetation – Have roots at the bottom but leaves appear on the surface of water e.g. grasses and sedges

Discuss the relationship among the FW organisms. The relationship is mainly on feeding and hence called trophic relationship. Illustrate this in class.

These organisms also affect physic-chemical parameters of the water. The full discussion of this effect starts with phytoplankton which forms the base of the food. Higher plants tend to cover the water and therefore reduced illumination. Nekton activities in the system affect the gases and stir up the bottom when feeding thus turbidity will increase.

Secondly, we discuss how physico-chemical properties or features of FW can influence biotic aspect (i.e. the life forms). This situation in the water body becomes dynamic until stability may nearly be reached but it is never attained.

CAUTION!!!

References and textbooks would be recommended during introductory lecture. Inter-net lectures are incomplete for your excellent performance in my examination. Therefore, attend my class regularly and punctually for your good.