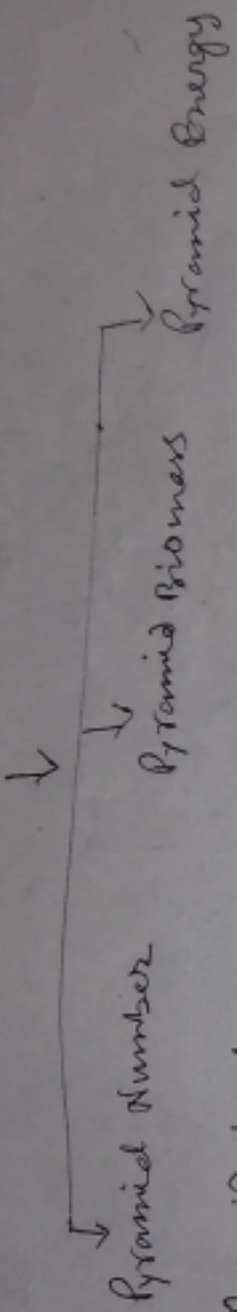


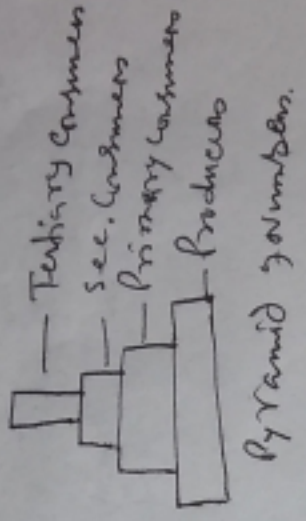
Ecological Pyramid :- An Ecological Pyramid is a graphical representation of the relationship between the different living organisms at different trophic levels. It was given by G. Evelyn Hutchinson and Raymond Lindeman.

Types of Ecological Pyramids



Pyramid Numbers :- In this type of ecological pyramid, the number of organisms in each trophic level is considered as a level in the pyramid. The pyramid of numbers is usually upright except for some situations like that of the detritus food chain, where many organisms feed on one dead plant or animal.

Pyramid Biomass



Pyramid Biomass :- In this particular type of ecological pyramid, each level takes into account the amount of biomass produced by each trophic level. The pyramid of biomass is also upright except for the that observed in oceans where large numbers of zooplankton depends on a relatively smaller number of phytoplankton.

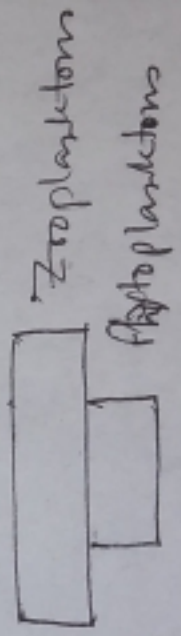


Fig. Pyramid of biomass in oceans.

Pyramid Energy :-

Pyramid of energy is the only type of ecological pyramid, which is always upright as the energy flow in a food chain is always unidirectional. Also, with every increasing trophic level, some energy is lost into the environment.

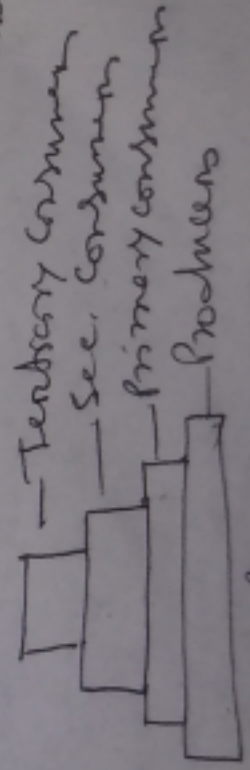


Fig. Pyramid energy.