

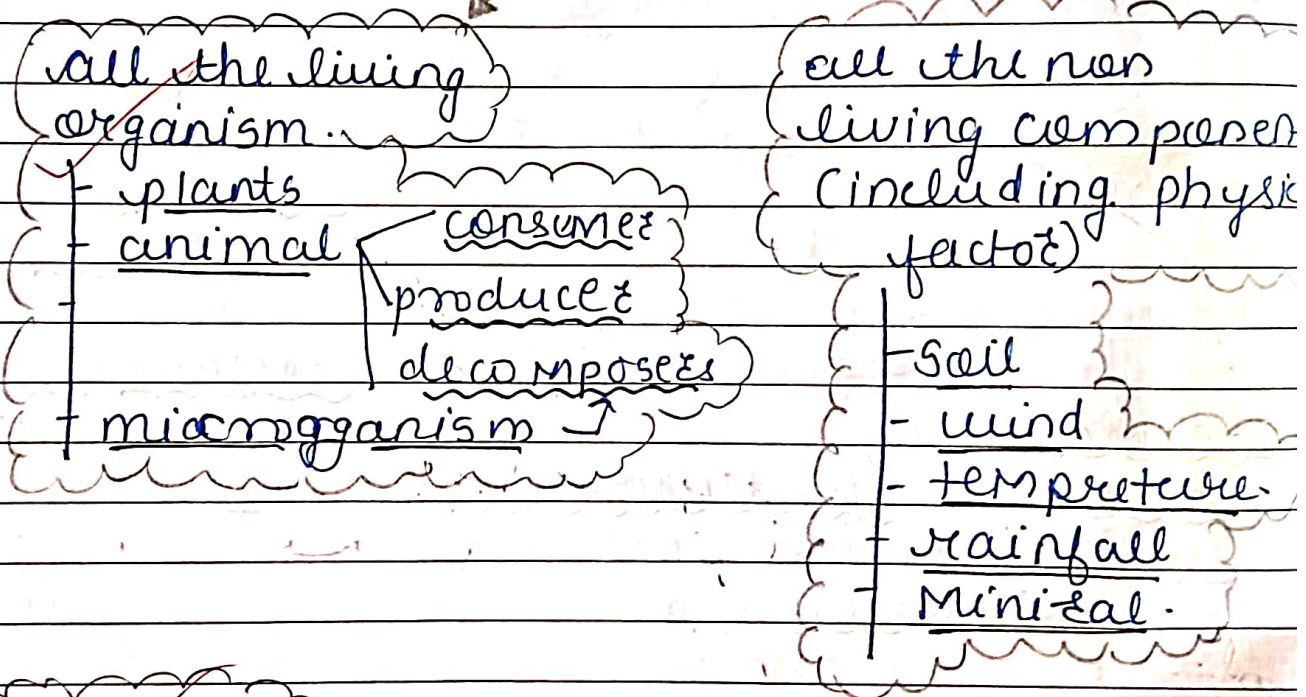
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Date : _____

chapter no: 13 Our Environment

* Ecosystem

- all the interacting (Interdependant) organism in an area together with the non-living constituents of the environment form an ecosystem
- it comprises of biotic and abiotic component



* Ecosystem *

terrestrial/
land
ecosystem

living
on
land

aquatic/
pond
ecosystem.

living
in
water

complex organic matter → "carbohydrate" Date: _____

* Biotic components

Producers

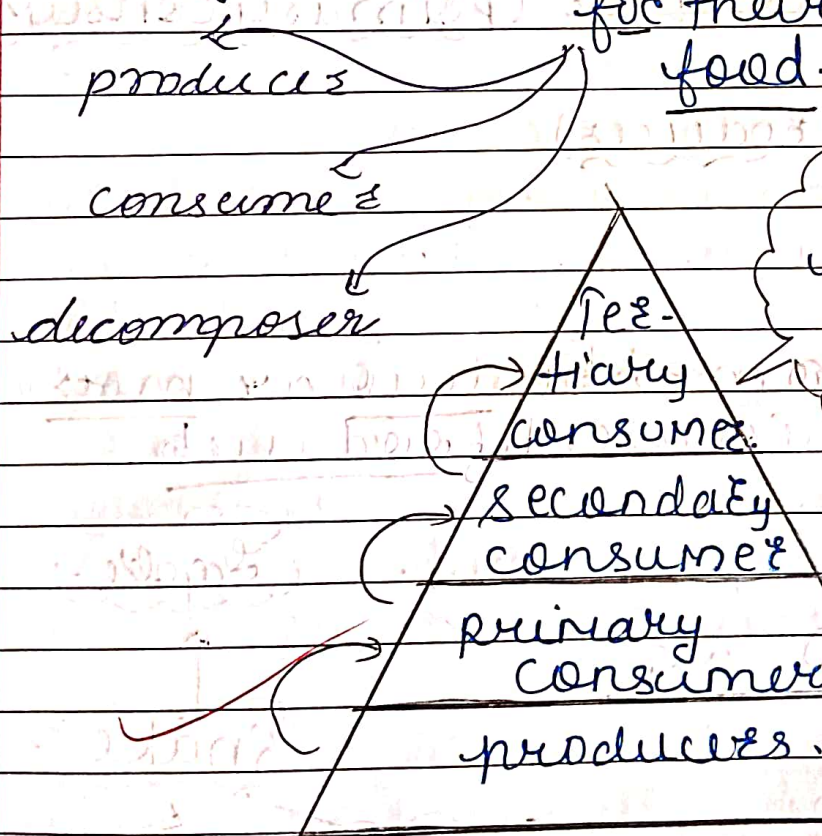
The producers are one who makes organic matter ^{from} inorganic using radiant energy.

Consumers

The consumer are the one who are depend on product for their food.

Decomposers

decomposers are one who decompose dead and decaying matter.



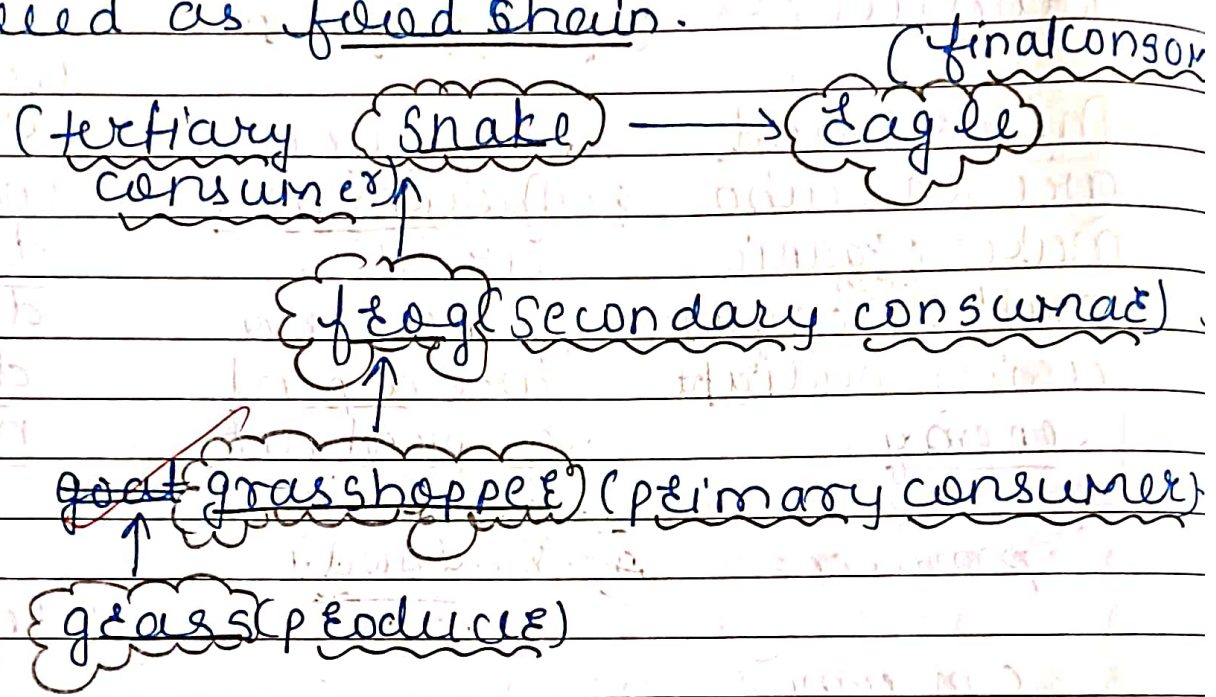
"Note"

the trophic level is always unidirectional.

A trophic / Energy levels

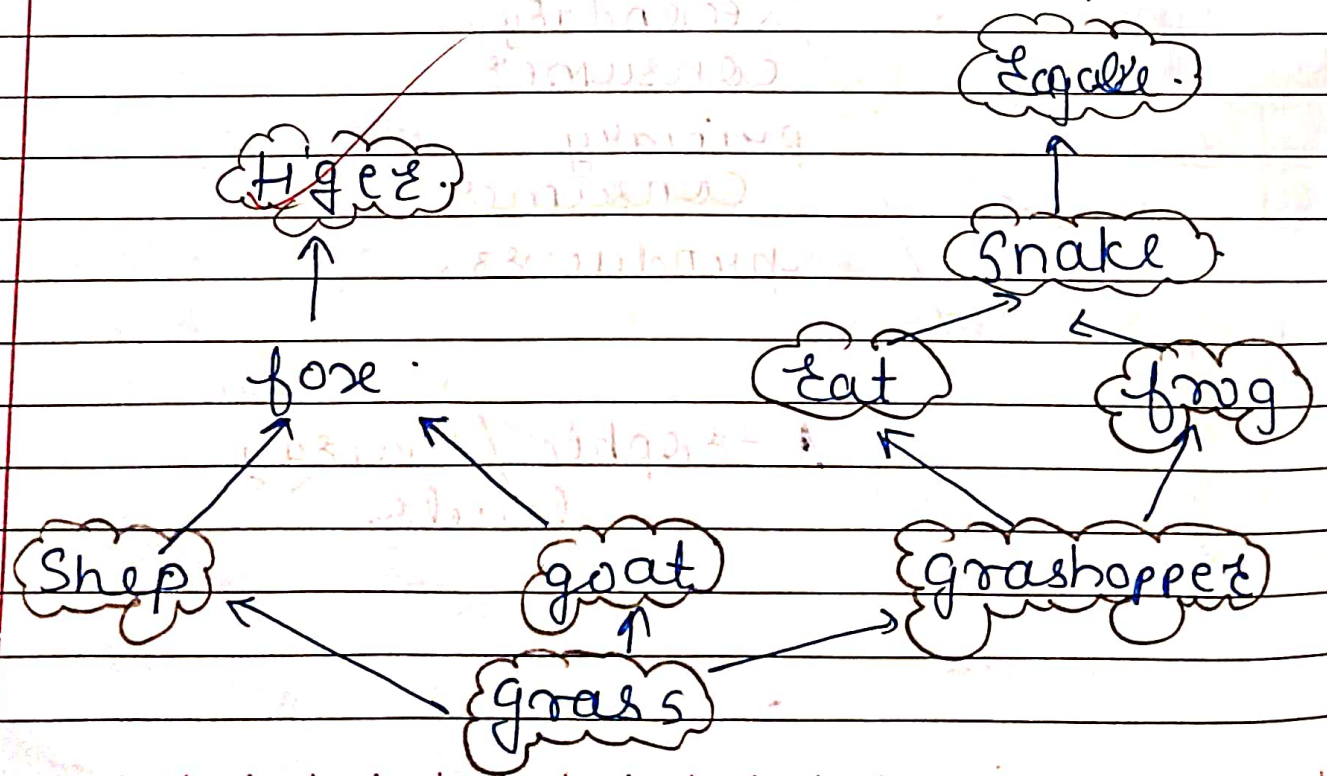
* Food chain *

The interdependence of the organism (Biotic components) in the ecosystem is called as food chain.



* Food web *

The web formed by lines or more for chain are is called food web.



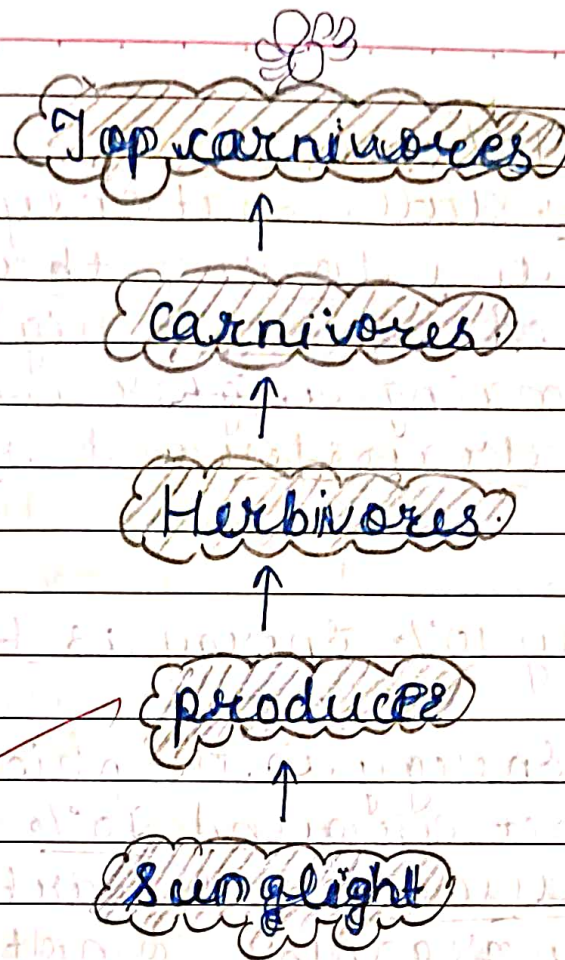


diagram showing flow of energy in ecosystem

* EXTRA QUESTION *

Q1) what is biomagnification?

Ans: Bio magnification happens when toxic chemicals like DDT which remain in environment are consumed indirectly by organism through food when a organism in the higher food chain consumes the lower organism the chemical can get accumulated in higher organism