

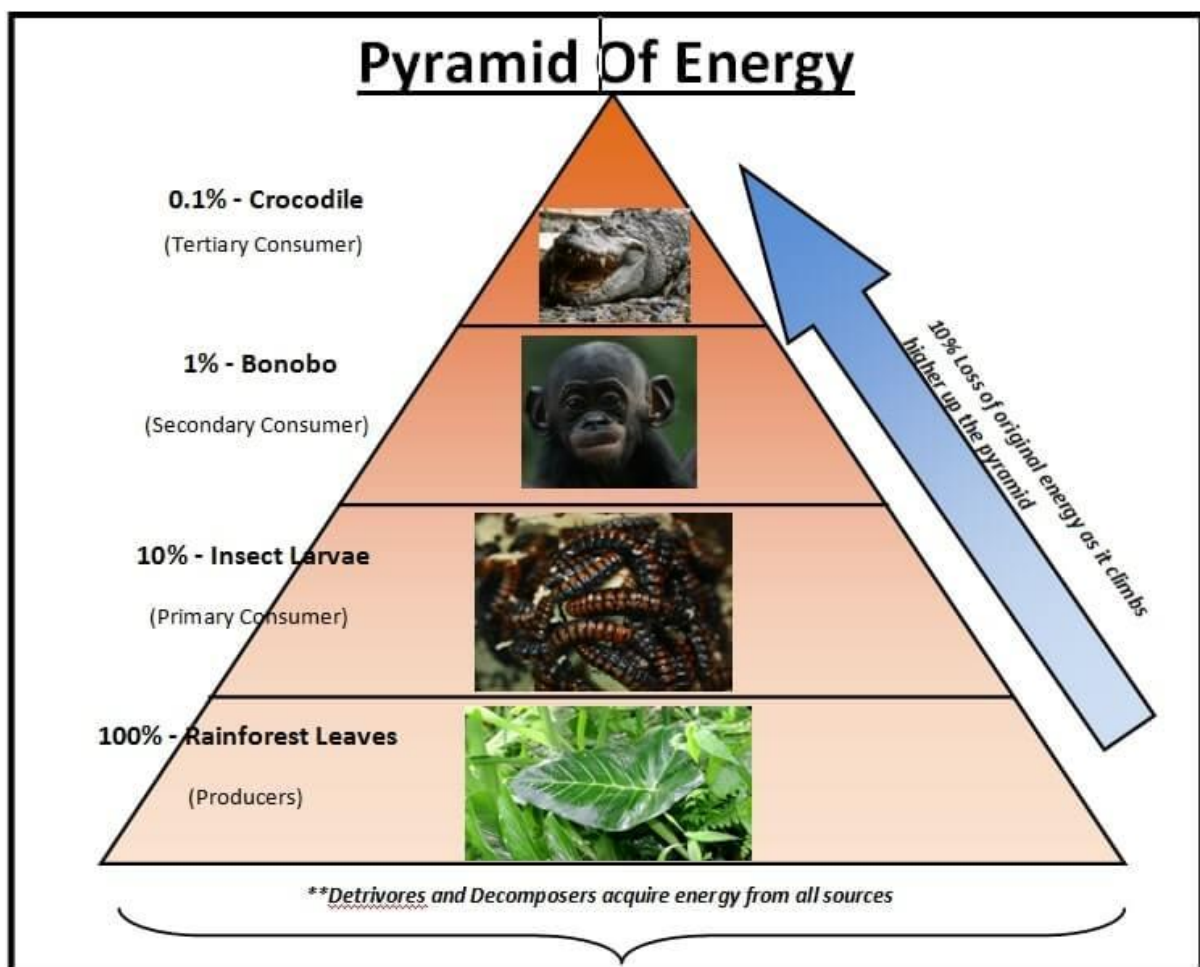
# Notes

Ecological diversity is the variation in eco system found in a region or over the whole planet.

Ecological pyramids: there are three types of ecological pyramids

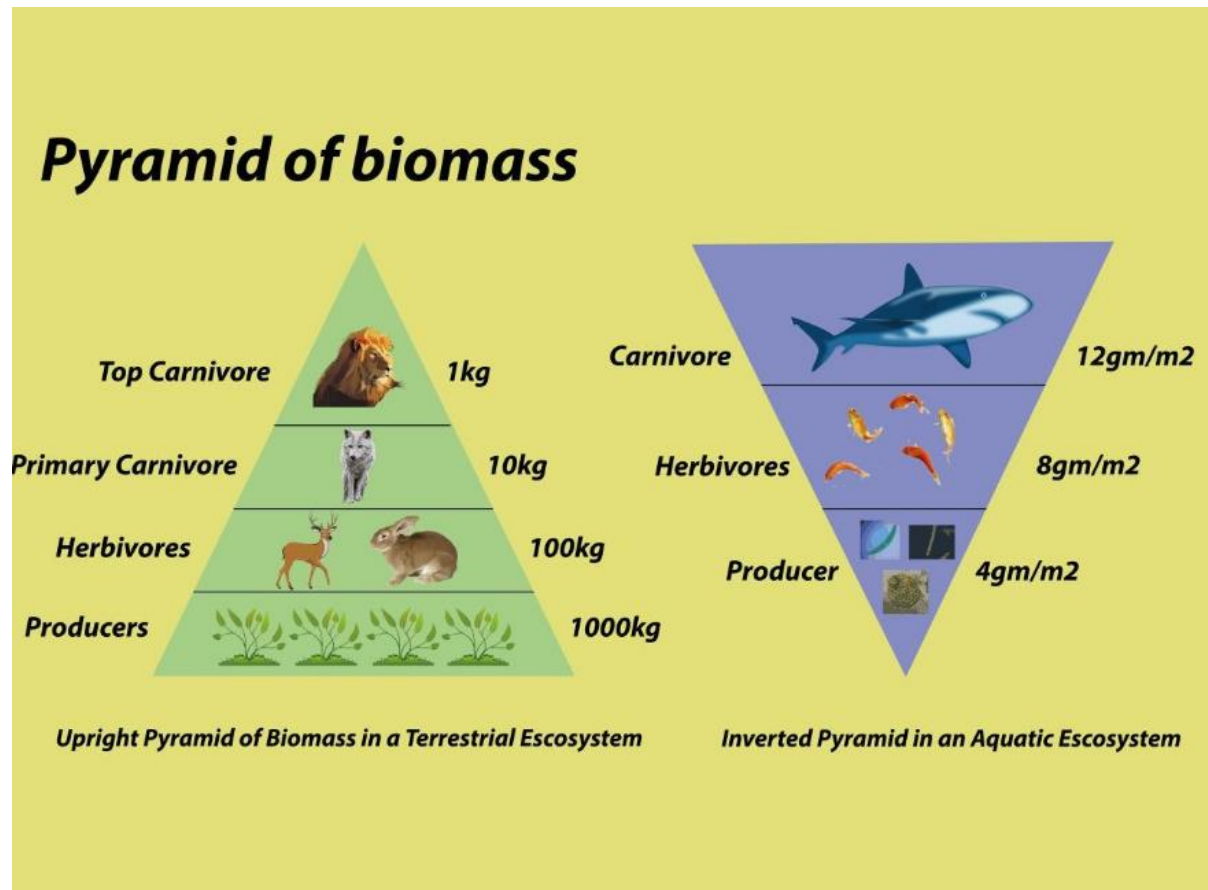
- Energy pyramid
- Biomass pyramid
- Pyramid of Numbers

## Energy pyramid:



Only part of energy that is stored in one trophic level is passed on to the next level. The diagram shows the relative amount of energy available at each trophic level. Organisms use energy for life processes

## Biomass pyramid:

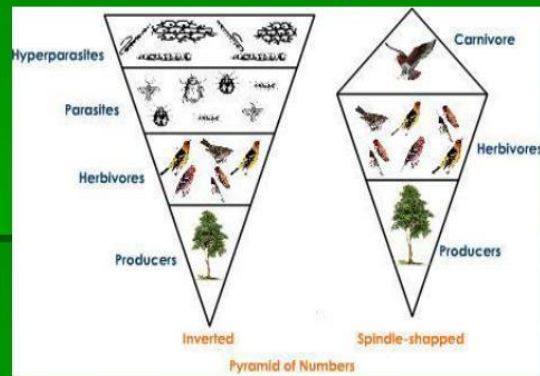
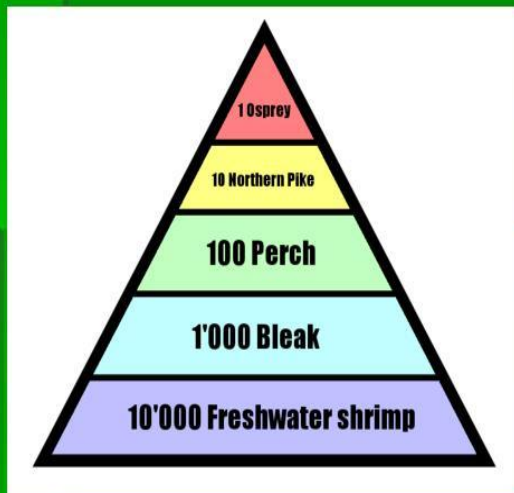


Biomass is the total dry mass of one animal or plant species in a food chain or food web. A pyramid of biomass **shows the biomass at each trophic level, rather than the population.**

## Pyramid of numbers:

# Pyramid of numbers

- Shows number of organisms at each trophic level per unit area of ecosystem



Pyramid shaped is the most common, but sometimes the shape may be inverted or spindle shaped

