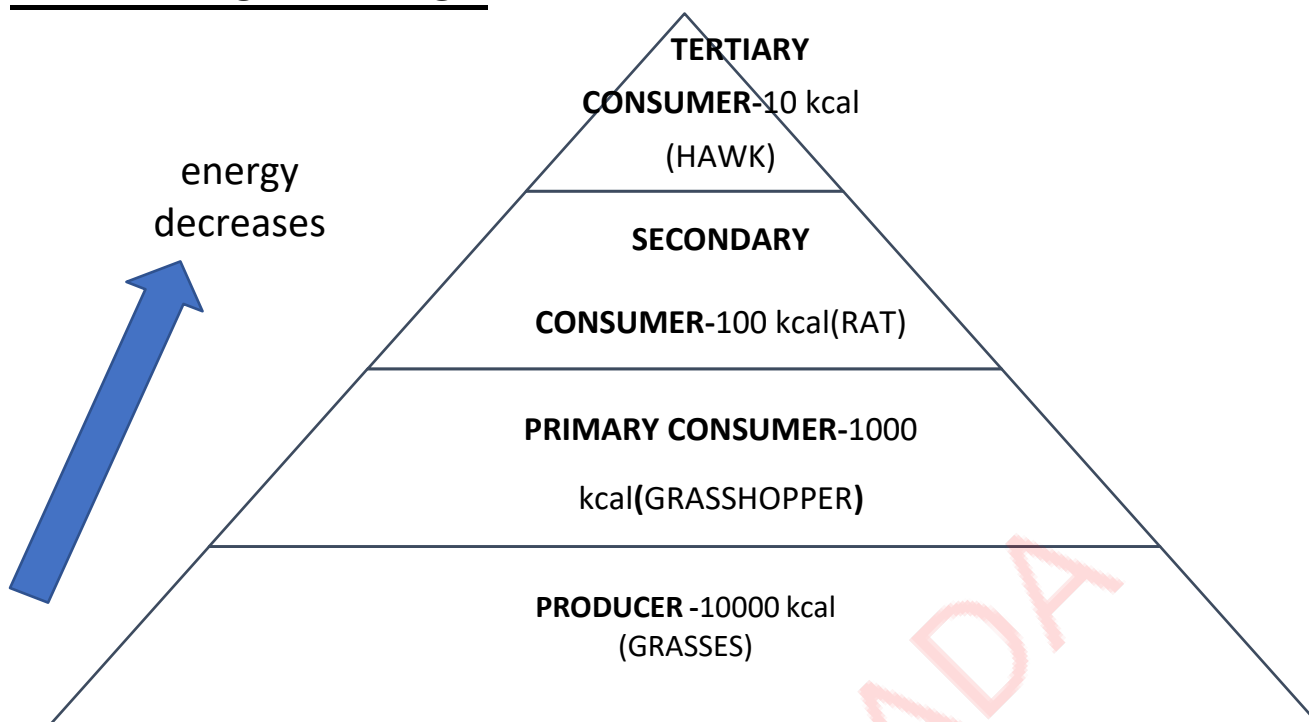


PYRAMID OF ENERGY



UPRIGHT PYRAMID

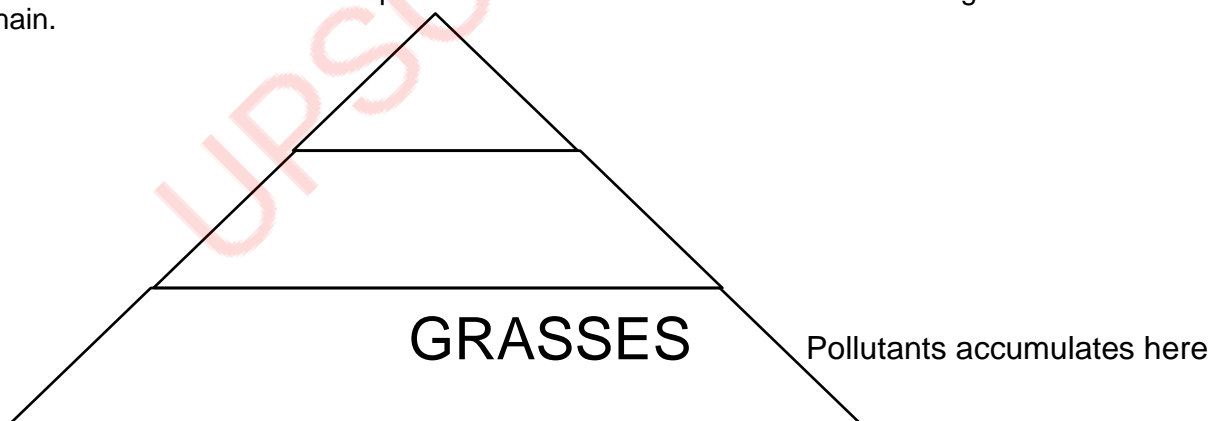
- At each trophic level **energy is lost**. So it is **always upright**.
- Energy is lost because at each level some energy is utilised for metabolism.

POLLUTANTS & TROPHIC LEVEL

Pollutants especially nondegradable ones move through the various trophic levels in an ecosystem.

Movement of these pollutants involves two main processes:

- (a) **Bioaccumulation:** increase of pollutant from the environment to first level organisms in a food chain.



- (a) **Biomagnification:** tendency of pollutants to concentrate as they move from one trophic level to the next.

In order for biomagnification to occur, the pollutant must be long lived, mobile, soluble in fat, biologically active