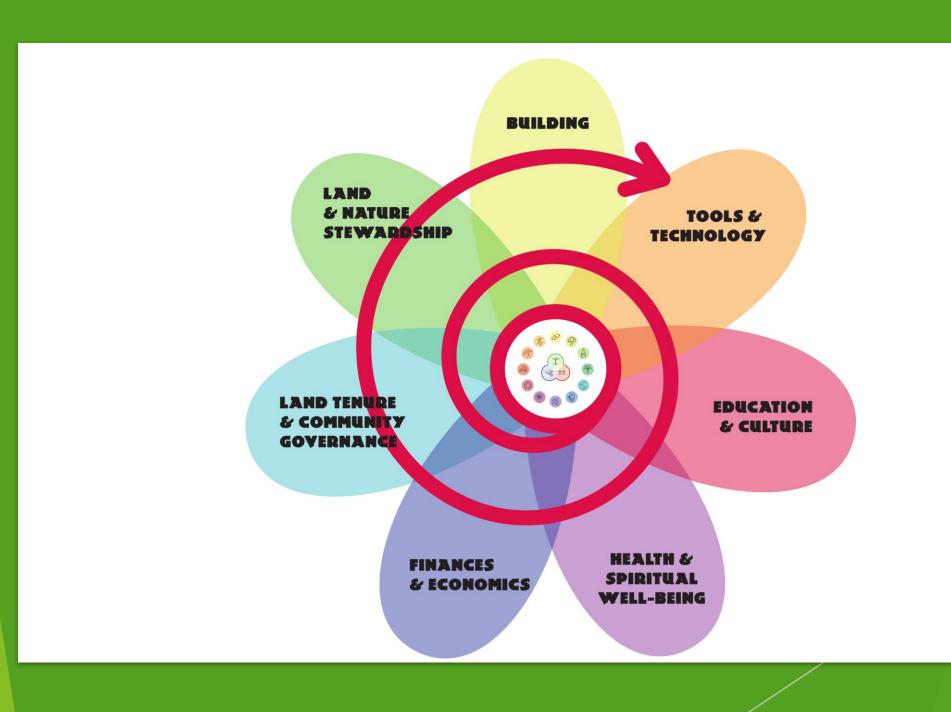


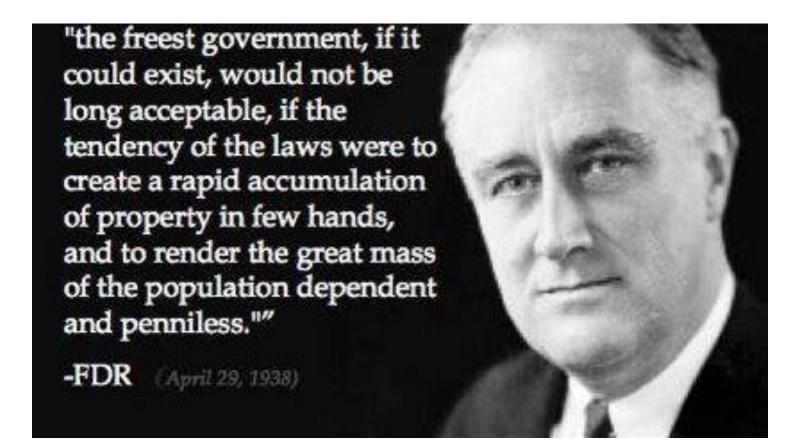






The foot of a mosquito

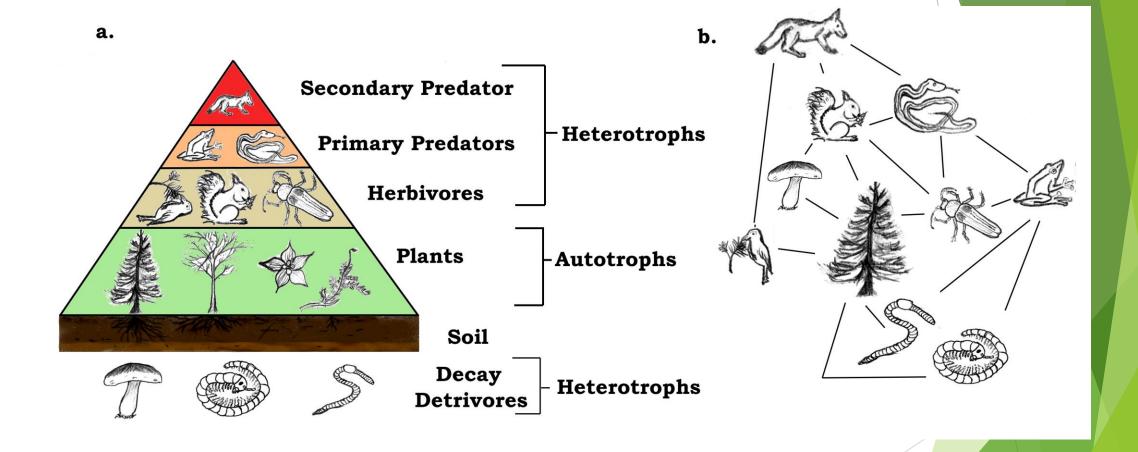


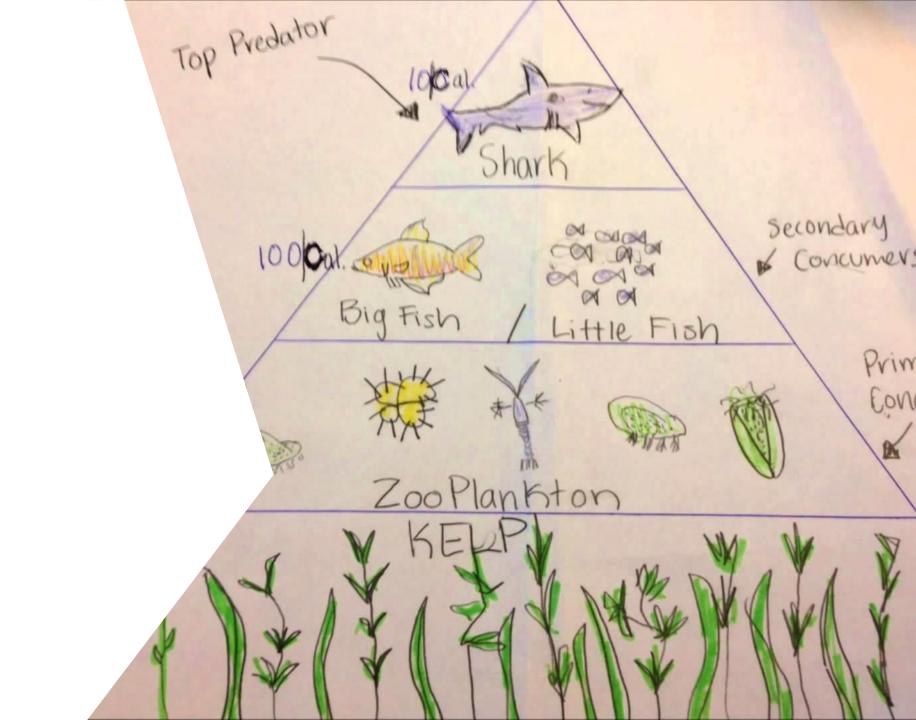


Numbers:

Shows the relative number of individual organisms at each trophic level.

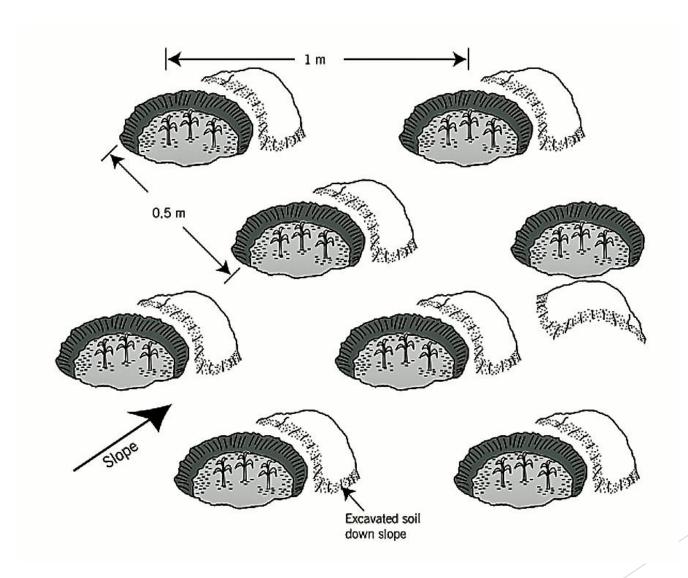


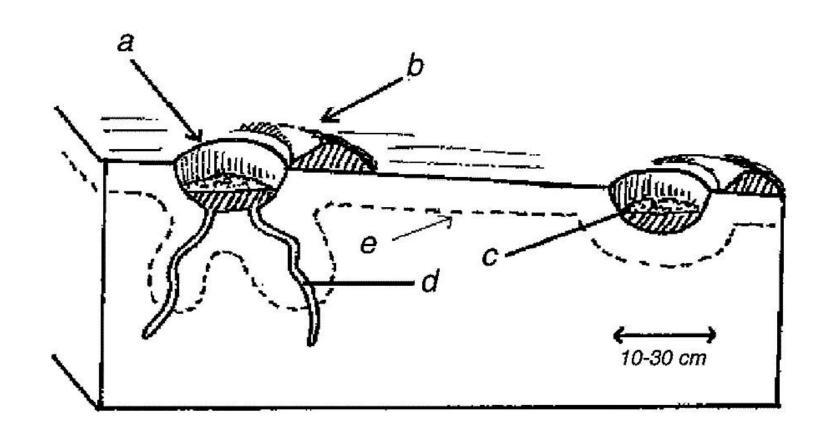












a: planting pit

b: earth ridge

c: manure in the pit

d: termite tunnels

e: soil moisture profile

Tephrosia Vogelli

- Fast growing
- Nitrogen fixing
- Landscape regeneration
- Edible seeds
- Soil shading
- Soil building





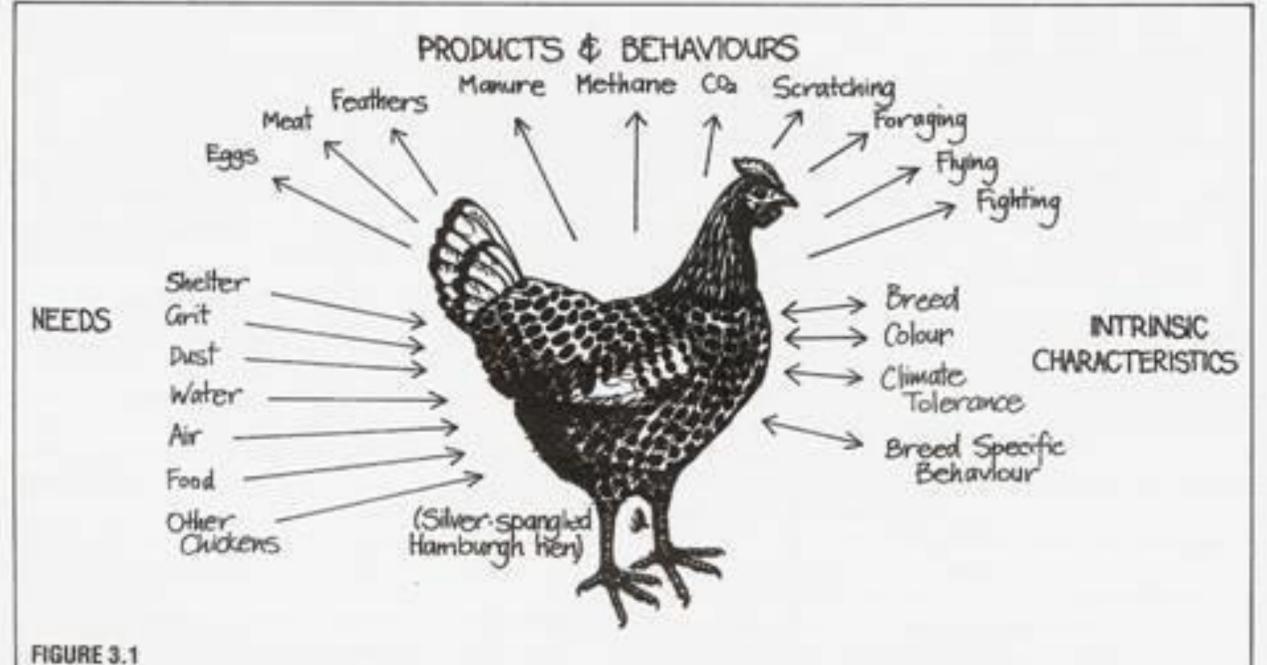
Leucaena species

Leucaena species are grown for their variety of uses, including as green manure, a charcoal source, livestock fodder, and for soil conservation. The seeds (jumbie beans) can be used as beads. Leucaena planted for firewood on an area of 120 km2 (46 sq mi) will yield an energy equivalent of 1 million barrels of oil per year. Anthelmintic medicines are made from extracts of Leucaena seeds in Sumatra, Indonesia.[4]

Some species (namely Leucaena leucocephala) have edible fruits (as unripe) and seeds. The seeds of Leucaena esculenta (in Mexico called guaje or huaje) are eaten with salt in Mexico. In other species high levels of mimosine may lead to hair loss and infertility in non-ruminants.[4]





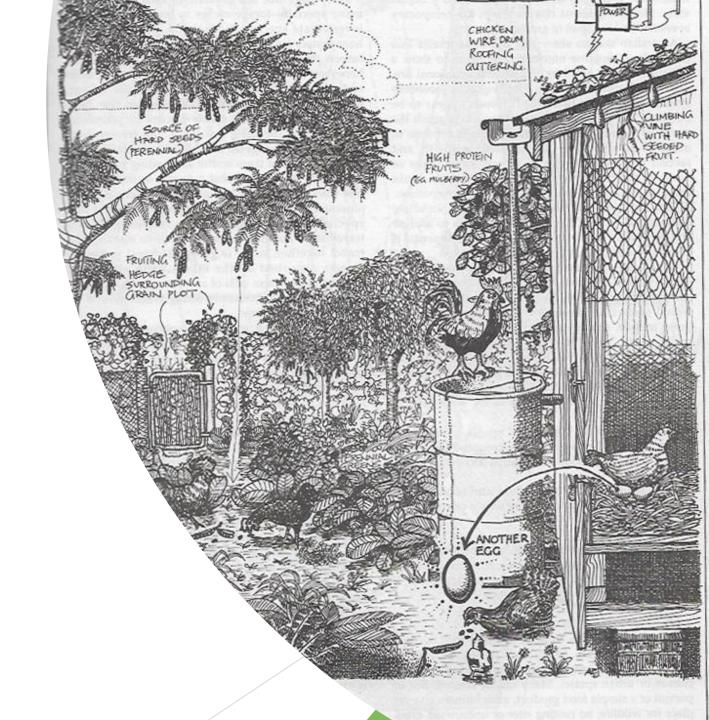


PRODUCTS AND BEHAVIOURS OF A HEN.

Analysis of these inputs and outrads are critical to self-possession

design. A deficit in inputs creates work, whereas a deficit in output

A Chicken system



One of the teachers (patrons) with permaculture club kids excavating nutritious soils to be mixed with biochar for planting trees in front of the school compound.

The kids are so passionate about the project.

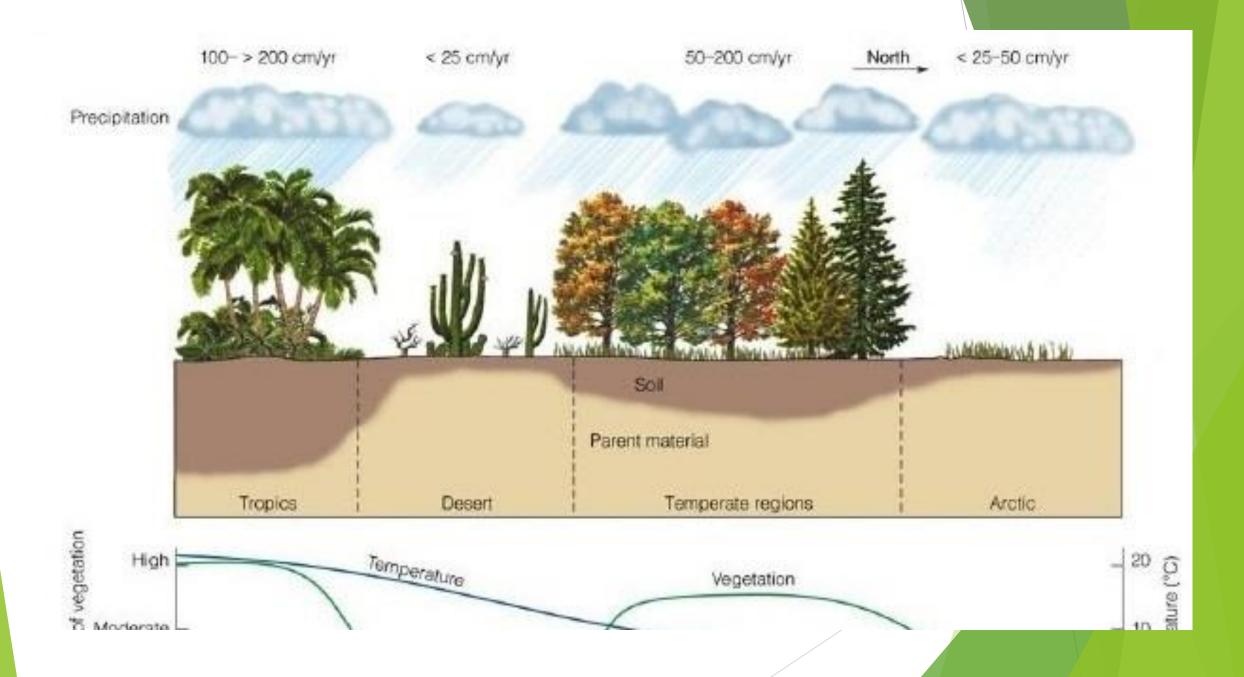


Permaculture in Practice at Nyero School.
With 35 farmers, 60 primary school children 13 teachers, 16 NGO field staff.
We opened a school permaculture garden where we are planting banana circles and intend to have a food forest for the school. kids are also planting trees all around the school compound. We dug swales, made biochar and planted shade trees as part of a new school food forest.



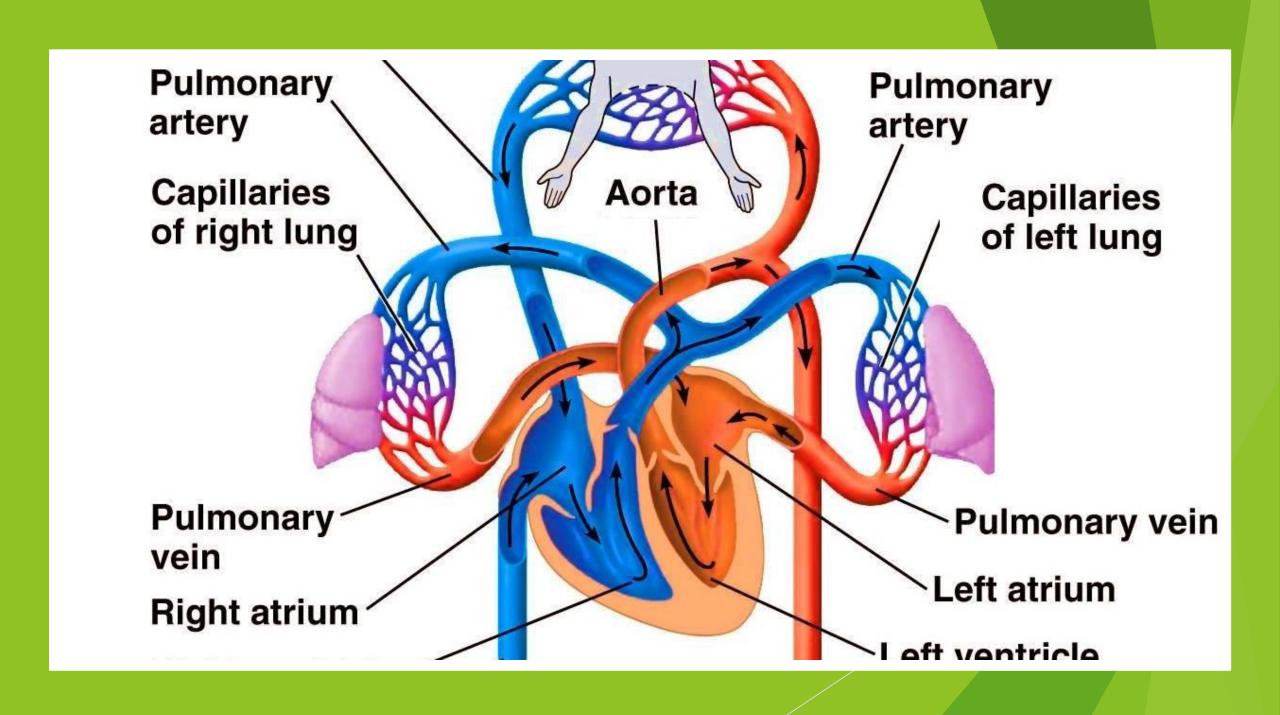
3 sisters:
 Maize
 Beans
 Squash



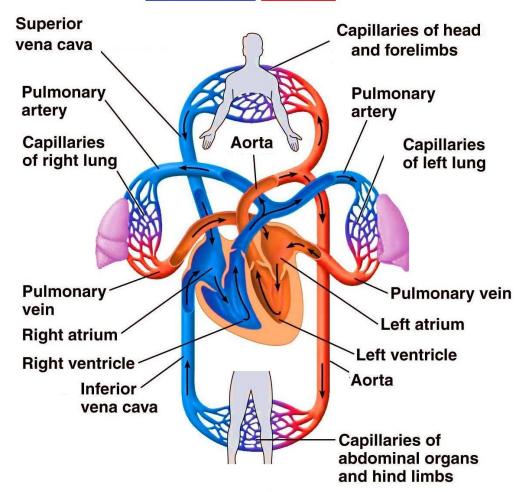


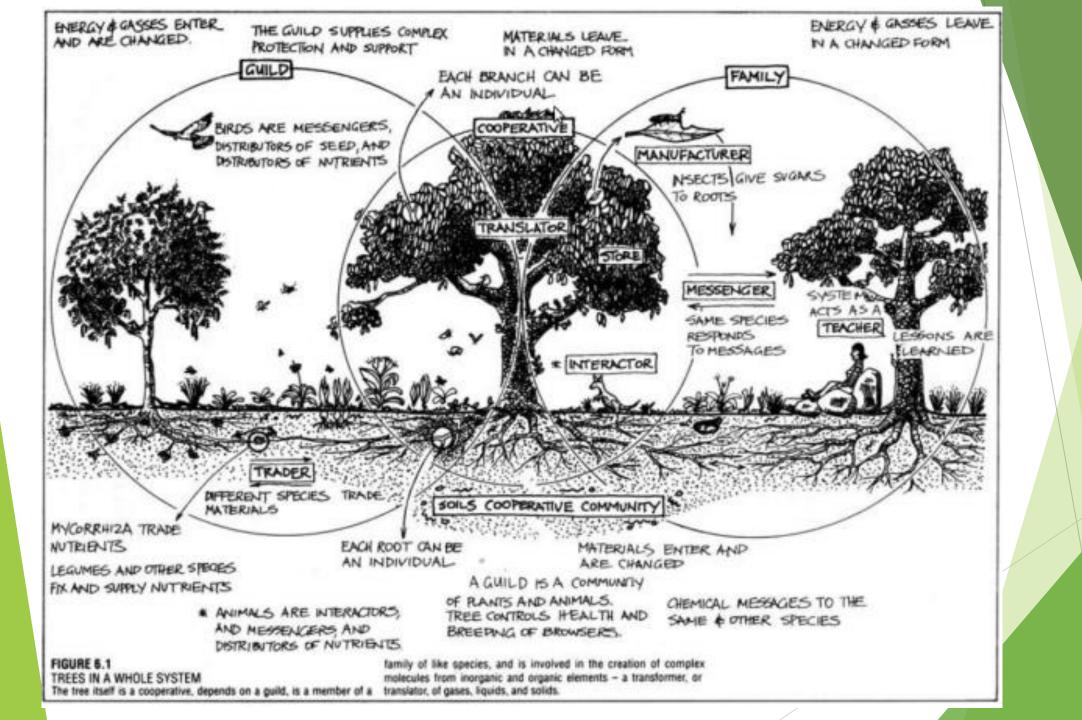


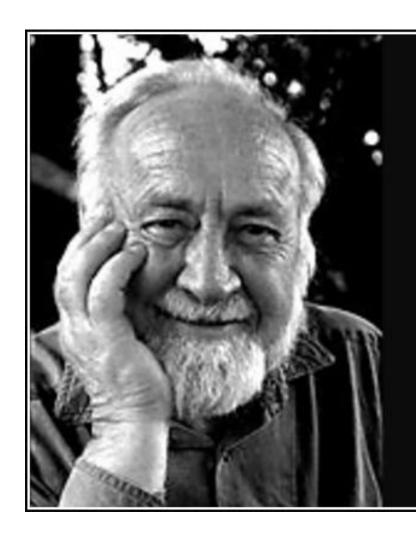




Circulatory System







If we lose the forests, we lose our only teachers.

— Bill Mollison —

AZ QUOTES