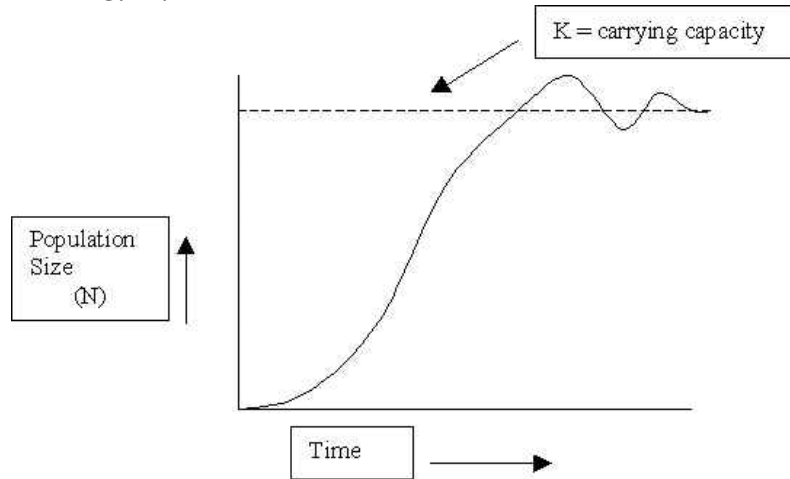


Swidden Fallow Agriculture Notes

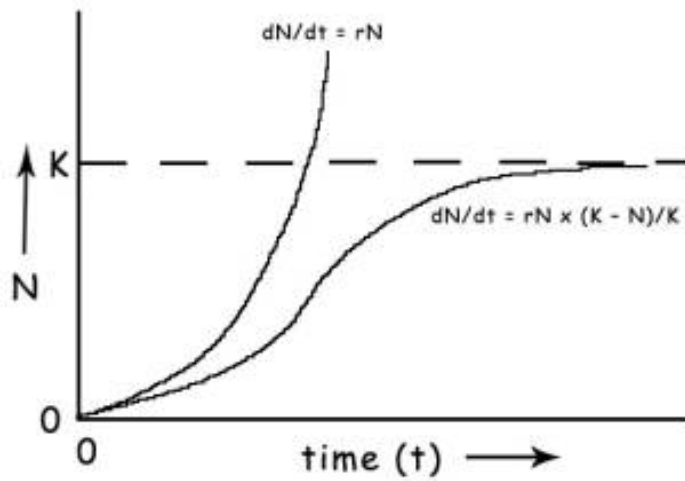
Botany: Forest Dynamics

K strategy reproduction



Longer lives, larger seeds, ability to withstand adverse conditions, live in specialized habitats, later successional, develop natural toxins and fungicides

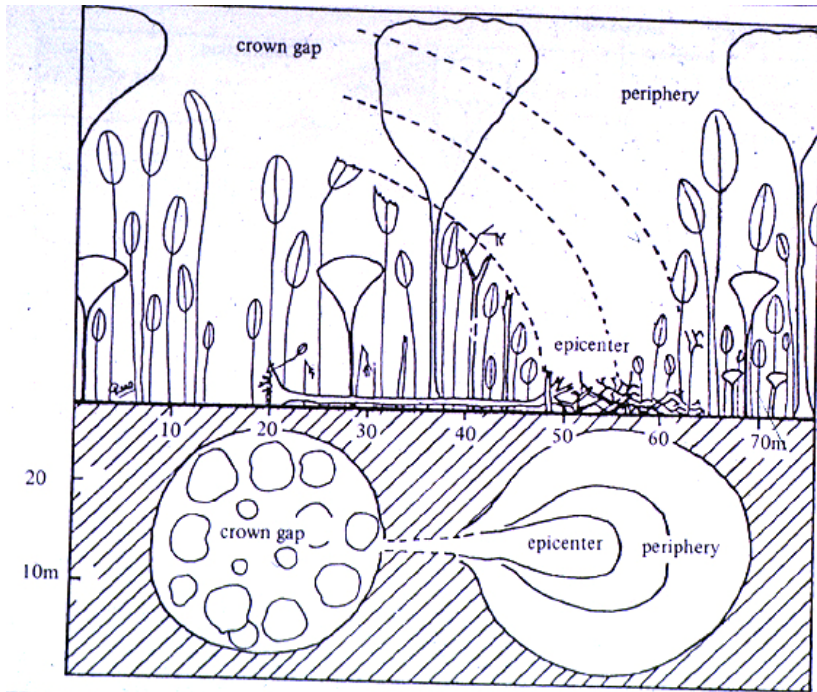
r strategy reproduction



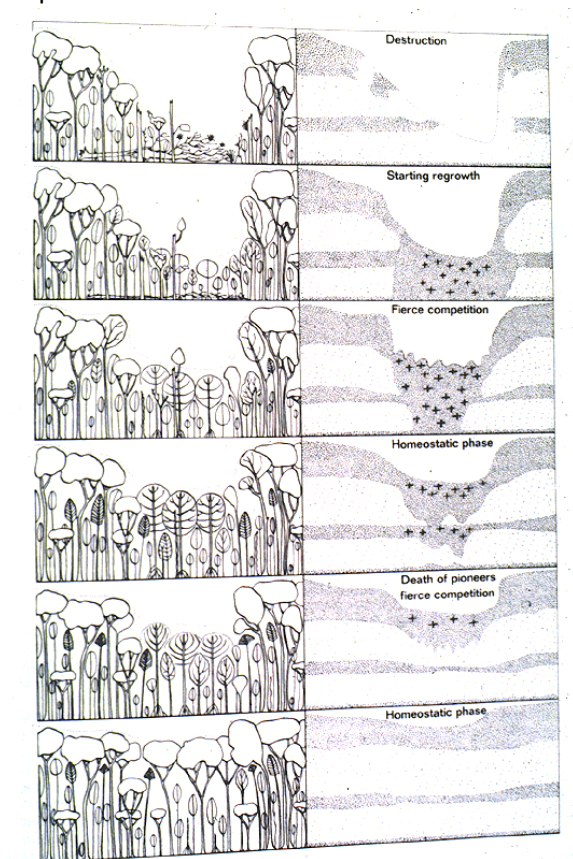
Short lives, many small seeds (sometimes with niche environments for seeds), vegetative reproduction, early successional species; in tropical forests r strategy plants may have disposable leaves

1. More likely to root or stump sprout when young
2. Shift energy to seed production when wounded or dying
3. Competition in growth, plants grow to eliminate competition
4. Most species have some form way to deter insects
5. Species diversity is "kind of" avoidance strategy

A chablis



Gap fill



How people use rainforests.

1. Habitat for people.
2. Land clearing for agriculture
3. Grazing for cattle and other livestock
4. Fuelwood
5. Non-timber products

Efe

Diet / protein

Clothing

1. Men clear fields

2. Women plant manioc (cassava), plantains and bananas

3. Men lightly burn fields

4. Women plant peanuts, corn, squash, sugar cane, other plants

5. Women weed/tend the fields, men drink libondo palm wine

6. Women continuous intensive harvest over 15 months.

7. Less intensive harvest to 3 years.

8. Minimal harvest for many years (Efe hunt in areas filling in.

Other groups.

Heart disease.

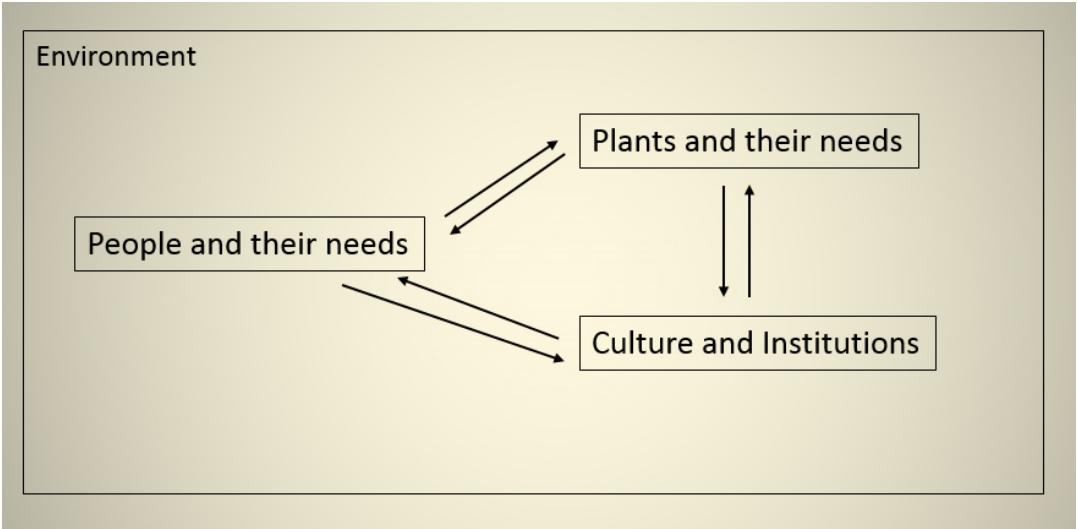
Trobriand Islands



Pa Pae, Thailand

Fuelwood

THE BIG PICTURE



Dual Subordination.