

ENDEMIC SPECIES / ENDEMICISM

which species found in a particular area:
Area:



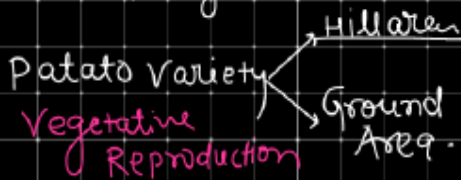
SPECIES

Ecades / Ecophene

Different population of same species living in different environment.

- ① Genetically similar but morphological dissimilar.

eg-



⇒ Variations → Unstable

Ecotype

Same species + Morphologically same

Genetically variation

Human



Variation - stable

COMMUNITY

Biotic community - { Animal community
+ plant community
+ Microbial community }

not population

Community

papa → Theoph

Species diversity

Types of Area,
Size of Area

Type of Soil

- Water holding capacity
- Particle

Altitude

Latitude

- Climate → Temp.
- light
- Rain

Dominance

Highest NO. of SPECIES
+ nt

eg → Rajasthan

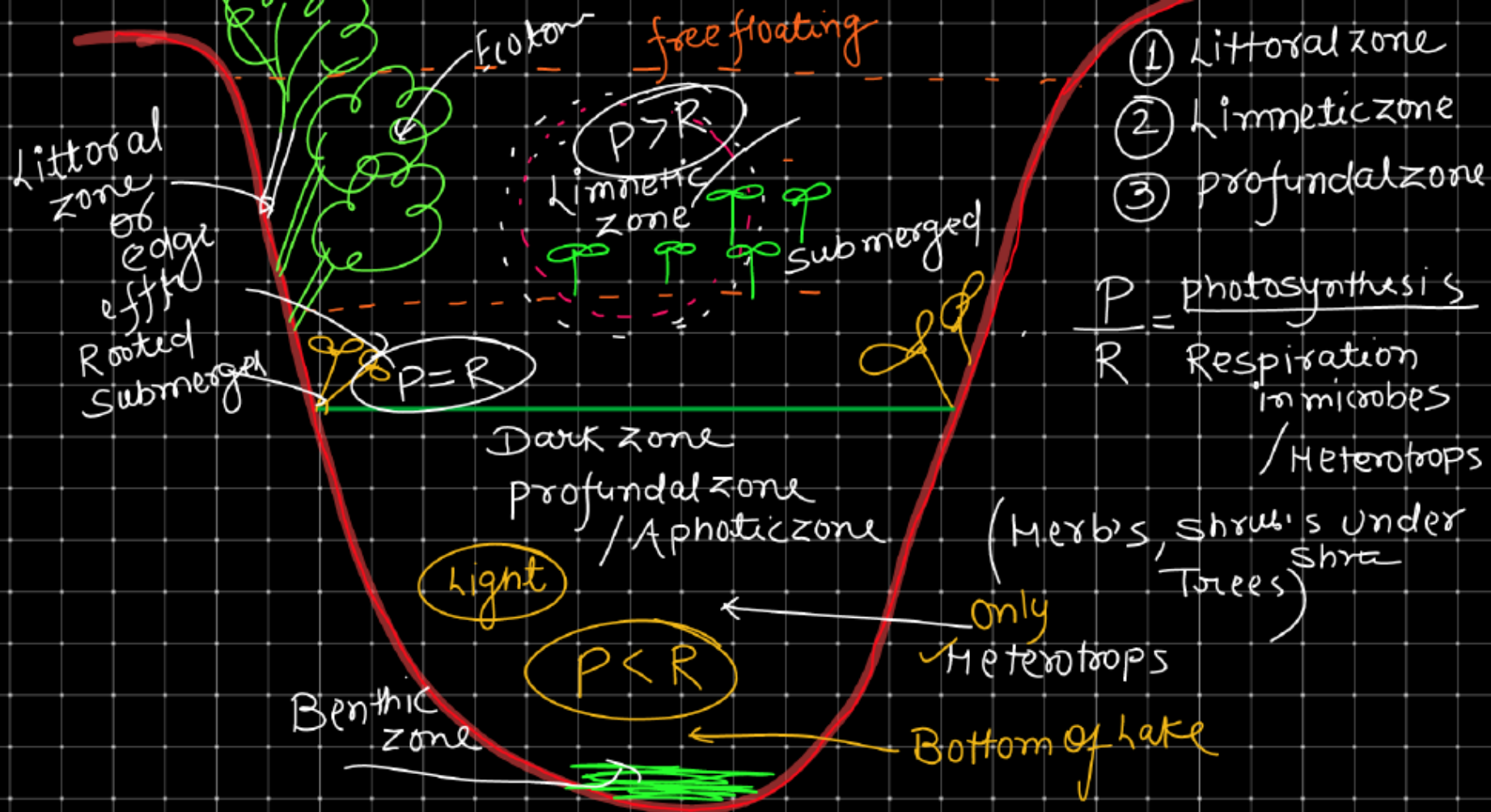
Littoral zone

Stratification

Herbs Shrubs
Trees
+
Undershubs

Limnetic zone

profundal zone



- ① Littoral zone
- ② Limnetic zone
- ③ profundal zone

P = photosynthesis
 R = Respiration in microbes / Heterotrophs

(Herb's, shrubs under trees)

only Heterotrophs

Bottom of lake