

Taxonomy

⇒ Science of Classification

[Plants & Animals]

- "Father of taxonomy"

Carlous Linnaeus

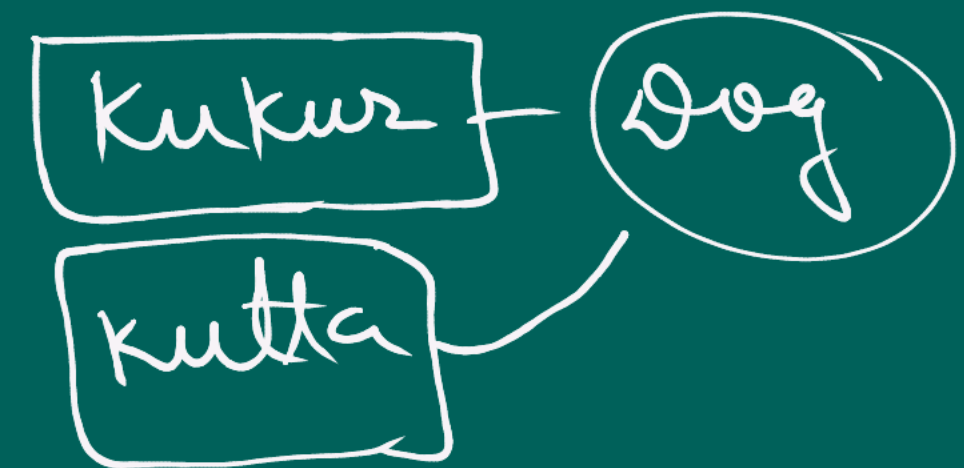
- "Systema Naturae"

4,400 species of Plants & Animals

Classification

Nomenclature - System of naming

✓ Binomial Nomenclature



Taxonomy - The branch of biology which deals about systematic position & naming of an organism is called taxonomy.

Basic terms :- or, non-cellular

Acellular :- The organism or structure not made up of cells is called acellular.
↓
Non or absent
a cell
a pen
Ex - Virus

Unicellular :- The organism or structure made up of only one cell is called unicellular.

Ex - Amoeba, Euglena etc.

multicellular :- The organism or structure made up of two or more than two cells is called multicellular.

Habitat :-

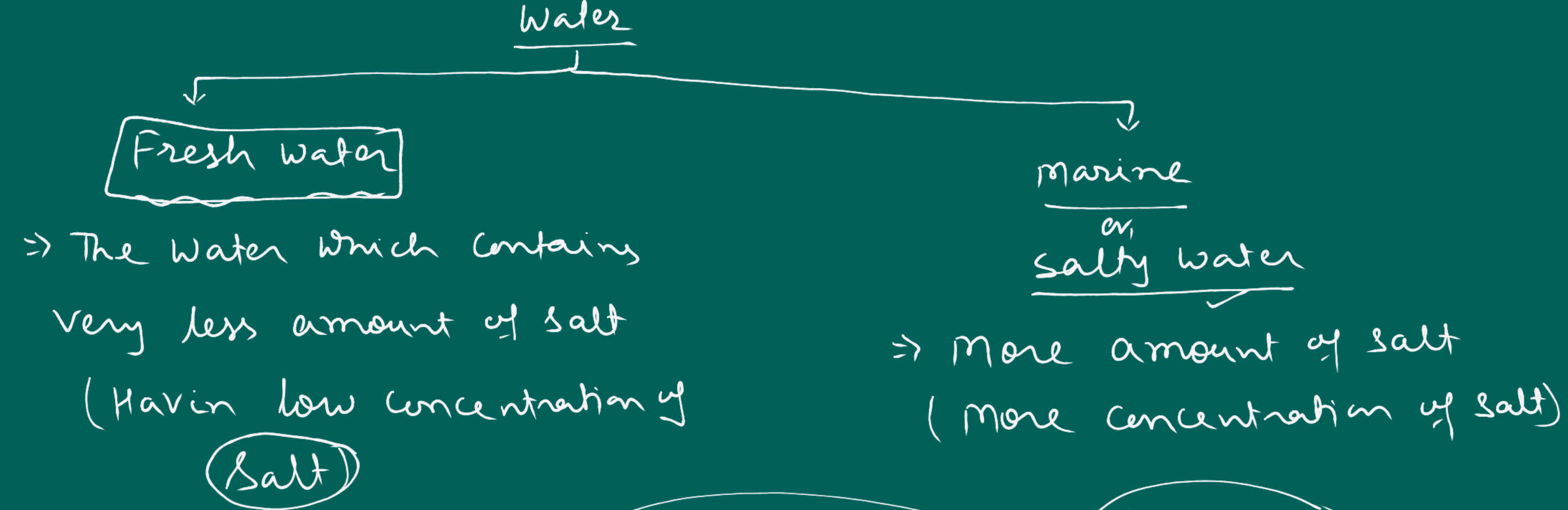
Terrestrial - land.

Aquatic - water.

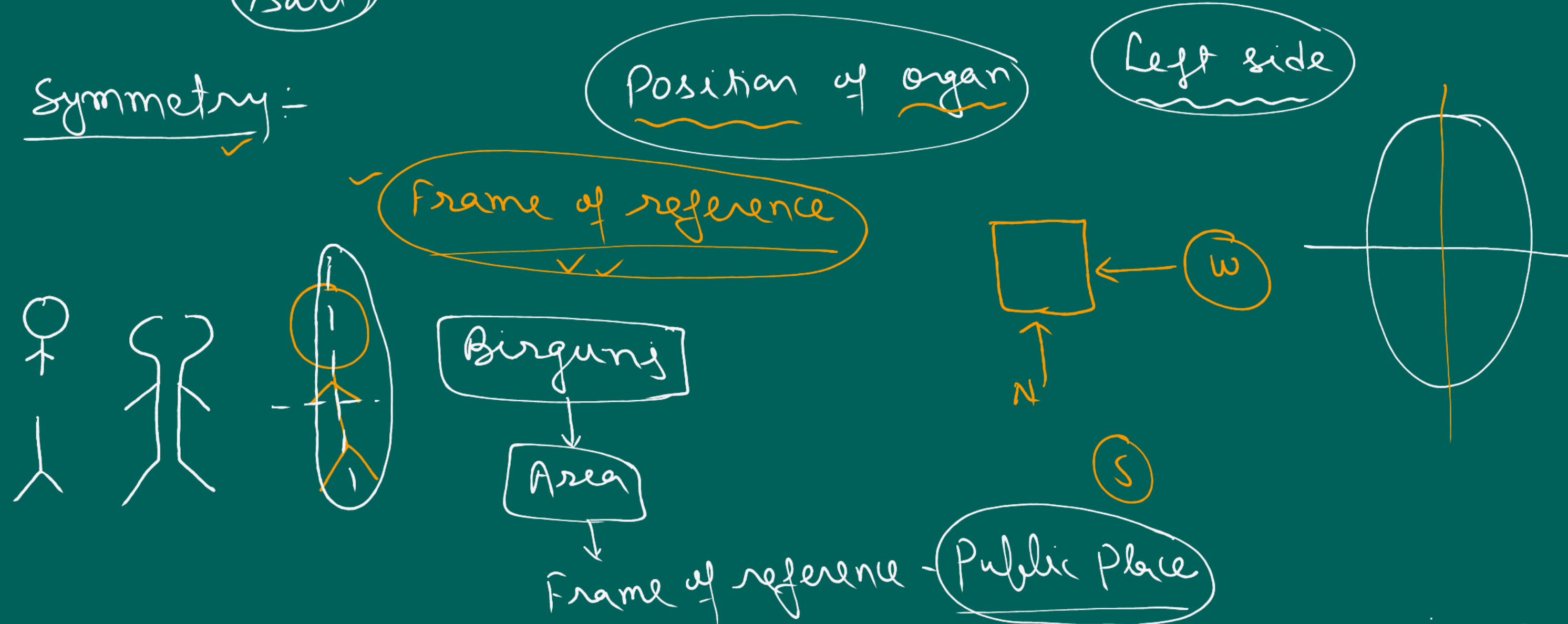
Arboreal - live on land & tree.

Aerial - can fly.

Amphibian - can live both on land & in water.



Symmetry:-



Two equal halves - one half must be mirror image
of another.

⇒ It is a method or process to find frame of reference or
axis of reference in an organism to know position or repetition of
organs or organelles.