

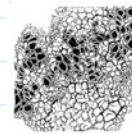
HETEROTROPHIC NUTRITION IN PLANTS

SYMBIOTIC NUTRITION

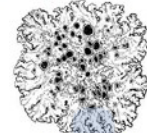
→ mutual Nutrition pattern between two different species.
Both get benefits.

LICHENS

→ Pioneers of Succession



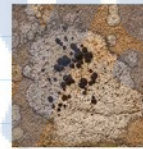
crustose



foliose



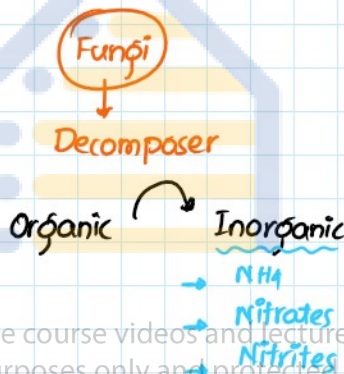
fruticose



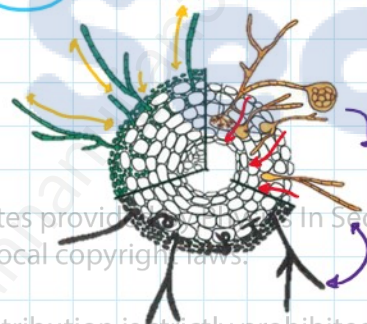
MYCORRHIZAE

→ Association b/w Fungi & roots of Plants.

→ 80-90% vascular plants → mycorrhizal association



Ecto



Endo

Penetration into the cytoplasm of cell.

Spores

Hyphae (Extension of mycelium)

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LEGUMINOUS PLANTS

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Root Nodules

Nitrogen Fixing Bacteria



N₂-Fixing Bacteria.