

Practical

Lichen

Draw the following diagrams:

Sheet 1: Morphology of Lichen Thallus

- Crustose Lichen
- Foliose Lichen
- Fruticose Lichen

Sheet 2: Internal Structure of Lichen Thallus

- V.S. of heteromorous thallus
- V.S. of homoiomorous thallus

Sheet 3: Reproductive Structures in Lichens

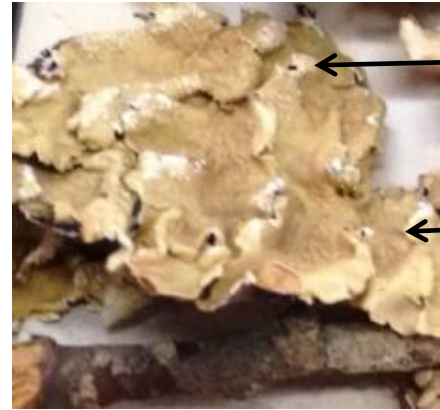
- W.m. of soredia
- V.S. of apothecium

Morphology of Lichen Thallus



Thallus firmly attached on rock surface

Crustose lichen growing on rock



Apothecia

Leaf-like thallus

Foliose lichen growing on bark



Twig

Tufted thallus

Pendulous thallus

Apothecia

Fruticose Lichen



Twig

Pendulous thallus

apothecia

Lichen

Sheet 2

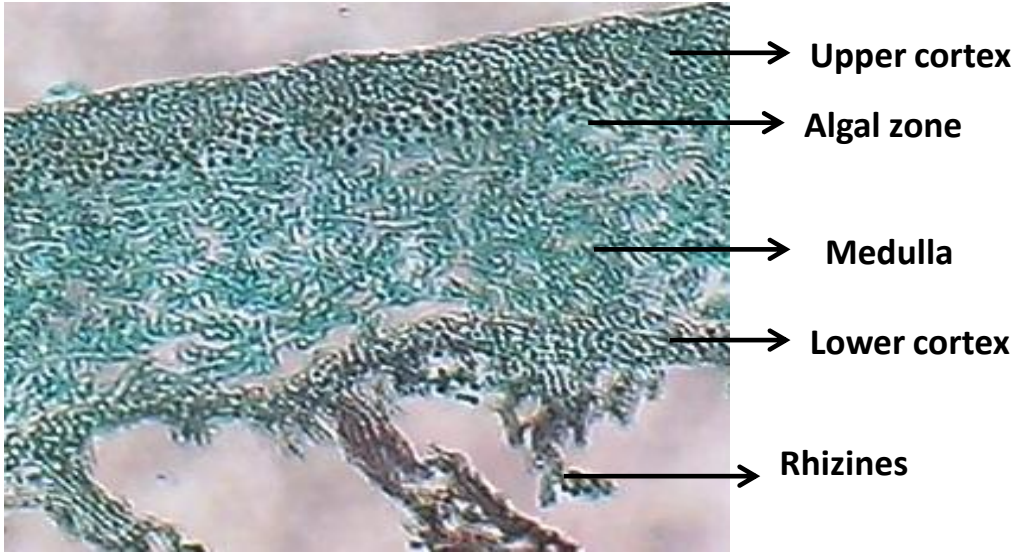
Internal structure of thallus

Draw only diagrammatic sketch for:

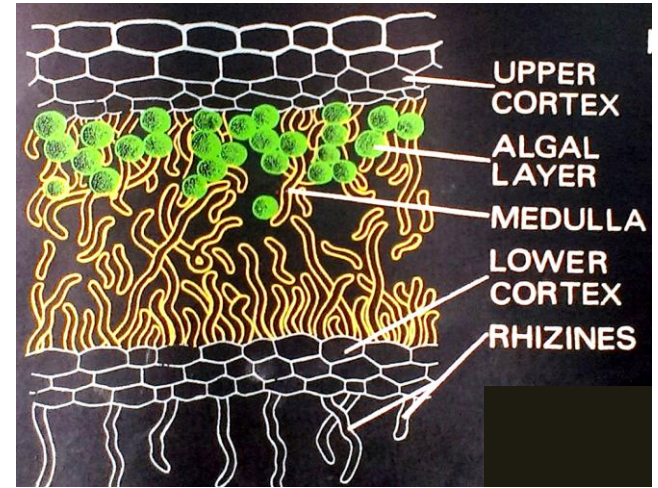
- 1) V.S. of heteromerous thallus**
- 2) V.S. of homoimerous thallus**

Lichen

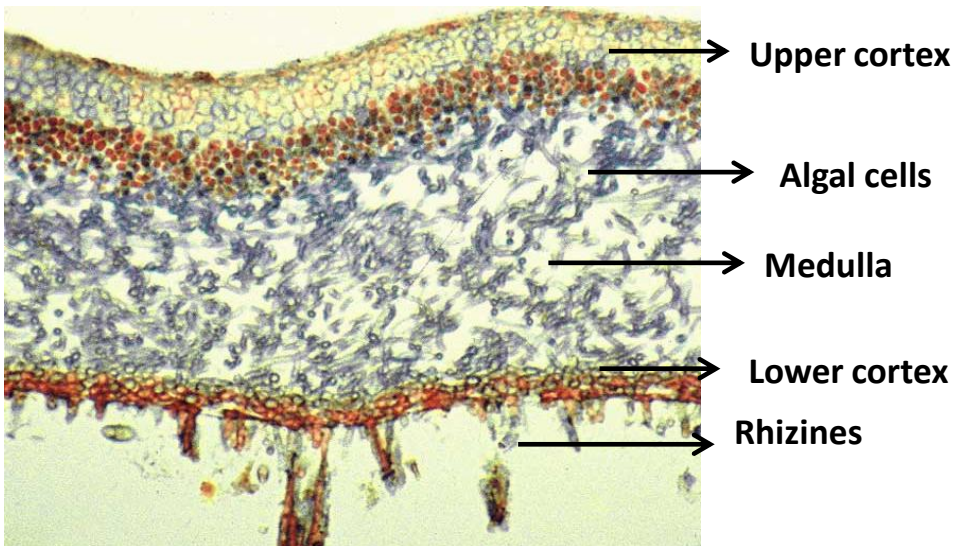
Internal structure of thallus



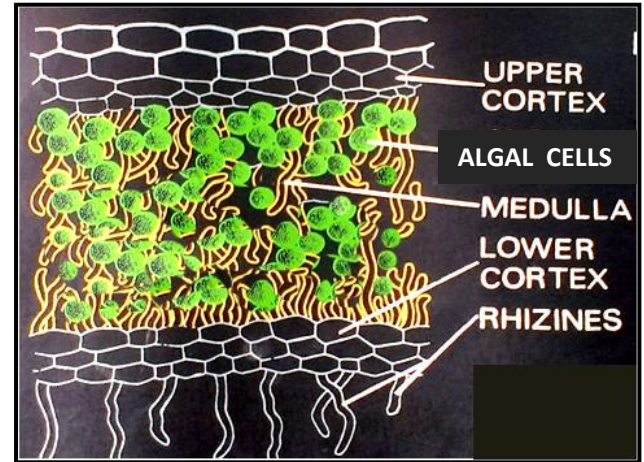
V.S. of heteromerous thallus (10X)



V.S. of heteromerous thallus
(Diagrammatic sketch)



V.S. of homoimerous thallus (10X)



V.S. of homoimerous thallus
(Diagrammatic sketch)

Lichen

Sheet 3

Reproductive structures

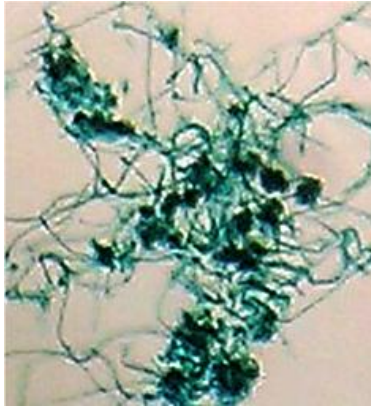
Draw only diagrammatic sketch for:

1) W.m. of soredia

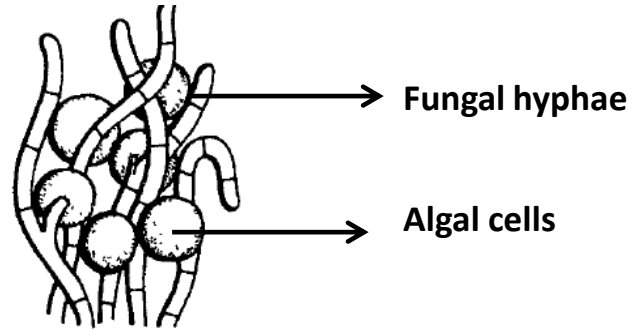
2) V.S. of apothecium
(Diagrammatic sketch)

Lichens

Reproductive structures



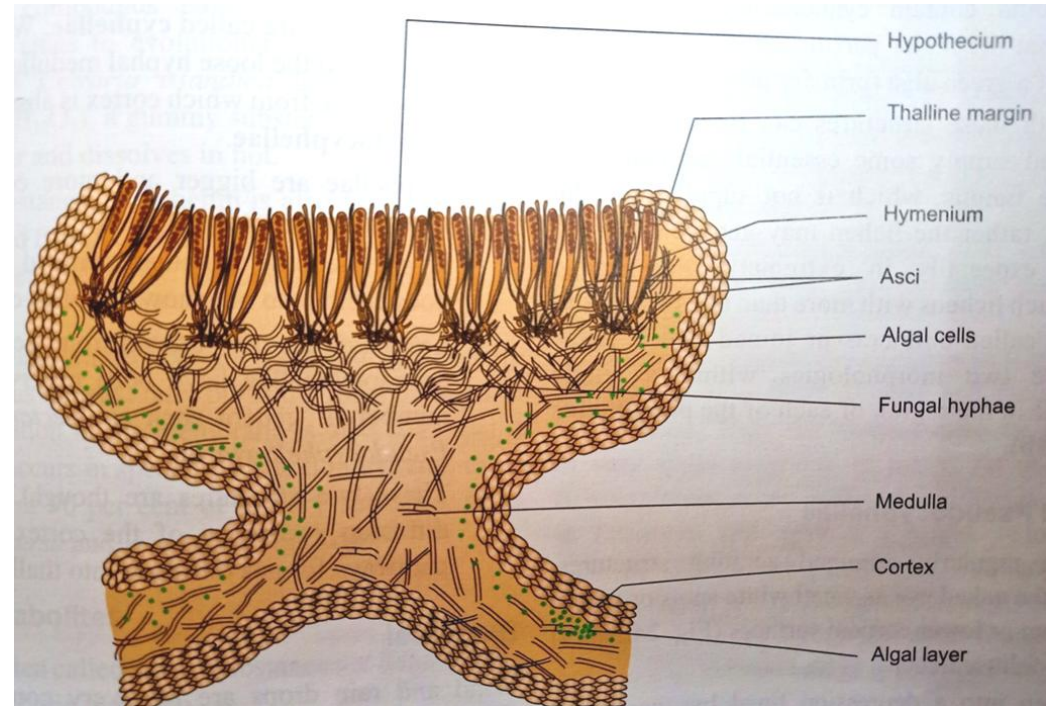
W.m. of soredia



W.m. of soredia



V.S. Lichen apothecium (10X)



V.S. Lichen apothecium
(Diagrammatic sketch)