

Sorus of *Adiantum* (Slide - Spot)

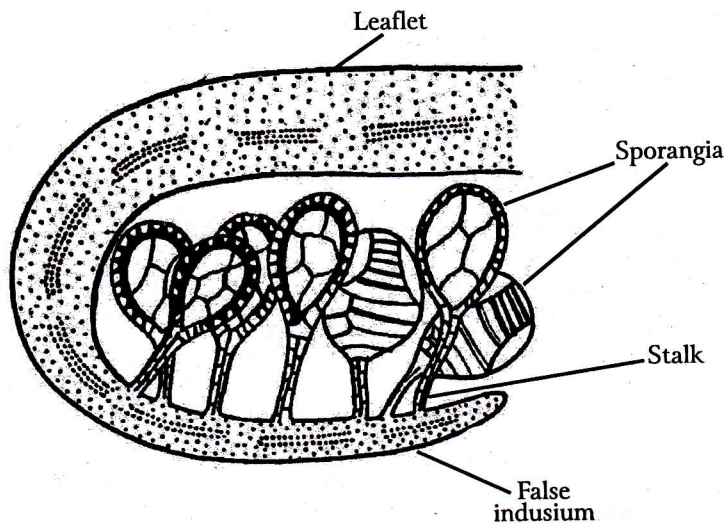


Fig. 23: *Adiantum* – Sorus
Showing Sporangia and False Indusium

1. On the underside of apical lobes of pinnae of *Adiantum* mature leaves (sporophylls) reddish brown bodies are borne, called sori.
2. Each sorus is a group of **sporangia**.
3. The sori are covered by a **false indusium** which is for protection of sporangia.
4. Each sporangium consists of a **capsule** and a lower **stalk**.
5. The capsule has a single layer of cells which consists of two portions. Thin walled portion is the **stomium** and thick cutinized region is called **annulus**.
6. By means of stomium capsule ruptures and spores are liberated out.
7. In sporangium spore-mother cells are present, which produce spores by reduction division.