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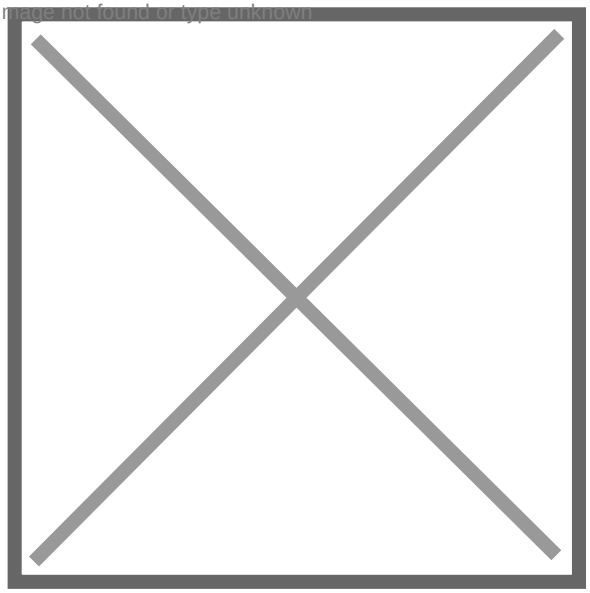
Product Name :

Plant Life Cycle Pteridophyta

Product Code :

SCL475/0200

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Description :

Plant Life Cycle Pteridophyta (Product Code: SCL475/0200) is a laminated wall chart used to teach the life cycle of ferns and fern allies in school and college botany classes. It gives students one large 75 x 100 cm polyart reference for a sequence that small textbook diagrams make hard to picture: a leafy, long-lived sporophyte alternating with a tiny, free-living gametophyte. The chart is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Chart (wall chart)
Topic	Plant life cycle — Pteridophyta (ferns and fern allies)
Material	Polyart
Size	75 x 100 cm
Finish	Laminated
Used in	Schools and laboratories
Product code	SCL475/0200
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Pteridophyta Life Cycle Chart Used For?

In a plant kingdom unit the pteridophyte life cycle is normally taught straight after the bryophytes, because the two groups make a clear contrast. In mosses the gametophyte is the main plant; in ferns the dominant generation is the diploid sporophyte, with true roots, stems and leaves. Teachers use the chart while explaining the cycle in order: sporangia, grouped in sori on the underside of the fronds, release spores formed by meiosis; a spore germinates into a small, flat prothallus; antheridia and archegonia develop on the prothallus; and a swimming sperm fertilises the egg so that a young sporophyte grows up out of the gametophyte.

The lesson comes alive with a real fern frond on the bench. Students can find the brown sori with a hand lens and then locate the same structures on the wall. A good discussion question is why fern fertilisation still needs a film of water, and how that keeps most ferns in damp, shaded places. Hung next to the bryophyte, gymnosperm and angiosperm life-cycle charts, it helps a school put together a complete set of botany lab equipment for teaching how land plants became less dependent on water.

OEM Manufacturer

The Plant Life Cycle Pteridophyta chart is manufactured by **Jain Scientific Equipments Private Limit**ts teach...ala, Harya...r additi...