

PERIGYNIUM

Meaning: Perigynium is a sheath-like structure that encases the ovary of certain plants, particularly in the sedge family, aiding in seed protection and identification.

1. The perigynium is a distinctive feature of many sedge species, providing protection for the developing seeds.
2. Botanists often examine the perigynium to help identify various types of Carex in their natural habitats.
3. In the field, the presence of a well-developed perigynium can indicate specific ecological conditions essential for plant growth.
4. The morphology of the perigynium varies widely among sedges, making it a key characteristic for classification.
5. Researchers have discovered that the shape and size of the perigynium can impact pollination success in certain plant species.

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