

DICHOGAMOUS

Meaning: Dichogamous refers to a reproductive strategy in which the male and female gametes of a plant mature at different times, facilitating cross-pollination and reducing the likelihood of self-fertilization.

1. Many flowering plants exhibit dichogamous reproduction, where male and female gametes mature at different times.
2. In a dichogamous species, the timing of pollen release can prevent self-fertilization and promote cross-pollination.
3. The researchers studied the dichogamous nature of the plant to understand its mating system and genetic diversity.
4. Dichogamous mechanisms are essential in ensuring genetic variation among plant populations.
5. Some plants have evolved dichogamous strategies to adapt to their specific pollinator interactions.

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