both taxa having dichogamous flowers, confirm this view. However in Bambusa spp, where the two sexes mature simultaneously, the above observation is not acceptable. Being homogamous, these taxa may have a high rate of self-pollination7, as inferred in the case of B. bambos (= B. arundinacea)21 or perhaps, Bambusa spp represent an intermediate condition among woody bamboos where wind pollination and insect pollination co-exist.

The present study is in agreement with the division of the bamboos into two groups22: (1) the species in which the androecium and gynoecium mature at the same time, i.e. Bambusa-type, and (2) the protogynous species in which the gynoecium matures prior to the androecium, i.e. Dendrocalamus-type. We propose a further grouping based on floret opening in the Bambusa type, i.e. (1) species in which floral glumes are widely separated (e.g. B. bambos, Bambusa sp.), and (2) those in which floral glumes are not widely separated as in B. vulgaris. We also propose to refer to these as open florets in the former and tubular (closed) florets in the latter case.

The present study poses a few interesting questions also. Why is it that the bees do not visit the stigmas? Is there any chemical or physical deterrent which prevents these bees from such visits? Further studies are required in these directions and also to confirm the role of bees in bamboo pollination and the suspected co-existence of self-pollination, anemophily and hymenopterophily in taxa such as Bambusa.


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Erratum

Induction of in vivo somatic embryos from tea (Camellia sinensis) cotyledons

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Figure 2 b of microtome is of Kangra Jat origin of somatic embryo but not UPASI-9 and the same did not occur in moist sterile and sand. We regret the error.

Authors