

# DISTINCTIVE FLOWER, LEAF AND FRUIT MORPHOLOGY ASSOCIATED WITH POLYPLOIDY IN TROPICAL ORNAMENTALS

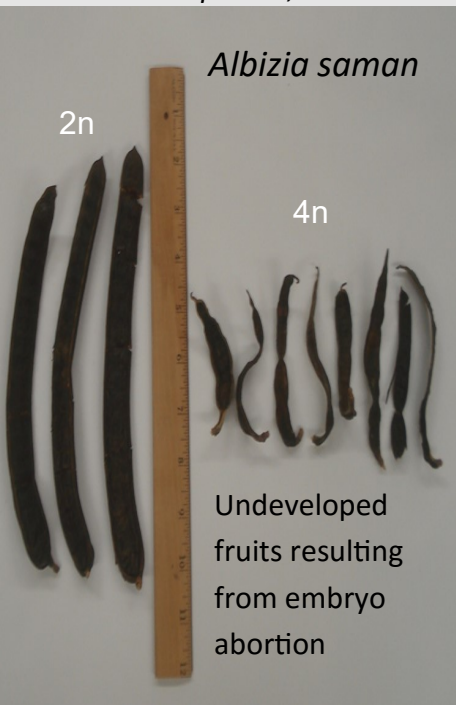
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*Marsdenia floribunda*, foliage below, flowers at right, fruits at far right.



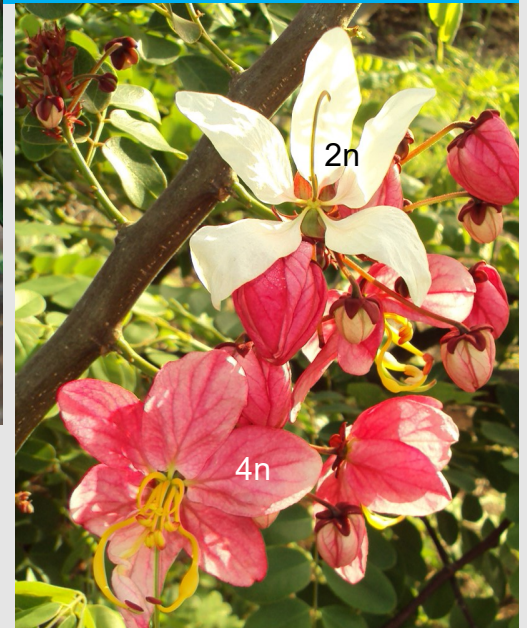
*Pachira aquatica*, above.



In many plants, polyploidy results in significant enlargement in cell size that in turn results in thicker, broader leaves, larger flowers with greater substance, rounder conformation, intensified coloration and larger fruits than their diploid counterparts. This poster illustrates some of these distinctive morphological comparisons for *Albizia saman*, *Cassia javanica*, *Delonix regia*, *Dracaena fragrans*, *Marsdenia floribunda* and *Pachira aquatica*.



*Delonix regia*, flowers above, seed pods and guard cells below.



*Cassia javanica*, flowers above, foliage below.



*Dracaena fragrans*, below, in TC.

