

# SEED COAT STRUCTURE IN BIGNONIACEAE

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**Abstract:** The Bignoniaceae, or Trumpet Creeper Family, is a family of flowering plants has remain neglected so far. There is very little work on the seed structure. Seed structure is often neglected by many authors in taxonomic works. Several botanists have emphasized the importance and utility of seed anatomy in solving the taxonomic and phylogenetic problem. The microscopic characters of the seed have not been exploited fully in understanding the taxonomy and phylogeny of the angiosperms families. The studies of seed coat structure have positively shown the great utility in relation to taxonomy and phylogeny of the Bignoniaceae.

**Key words:** Bignoniaceae, Tabebuia Taxonomy, Phylogeny, Angiosperms, Catalpa ovata

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