

# Castilleae

The **Castilleae** are a tribe within the plant family Moraceae. It includes eight to 11 genera and 55–60 species including *Castilla*, the Panama rubber tree.

Members of the tribe are primarily Neotropical with two Afrotropical genera, one genus in New Guinea, and one in New Caledonia.<sup>[1]</sup>

The tribe's distinctive inflorescence is unisexual in monoecious species, with discoïd to urceolate receptacles with involucre bracts. Other characteristics of the group include septate wood fibers and self-pruning branches.<sup>[2]</sup>

## Castilleae and *Ficus*



Recent phylogenetic studies have highlighted a close sister relationship with the *Ficus* and have strongly supported the monophyly of the clade containing the Castilleae and *Ficus*.<sup>[2]</sup> The ancestral state of this clade and the origin of figs' distinctive inflorescence—the syconium—was disputed until recently, but new phylogenetic analyses suggest that the evolution of entomophily and of an involucre of bracts surrounding the flower primordia preceded the divergence of these two groups, estimated to have occurred at least 83 Mya.

## Genera

- *Antiaris*
- *Antiaropsis*
- *Castilla*
- *Helicostylis*
- *Maquira*
- *Mesogyne*
- *Naucleopsis*
- *Perebea*
- *Poulsenia*
- *Pseudolmedia*
- *Sparattosyce*<sup>[3]</sup>

## References

- Zerega, Nyree J. C.; Wendy L. Clement; Shannon L. Datwyler; George D. Weiblen (2005). "Biogeography and divergence times in the mulberry family (Moraceae)". *Molecular*

<b>Castilleae</b>	
	
<i>Castilla elastica</i>	
<b>Scientific classification</b> 	
Kingdom:	Plantae
<i>Clade</i> :	Tracheophytes
<i>Clade</i> :	Angiosperms
<i>Clade</i> :	Eudicots
<i>Clade</i> :	Rosids
Order:	Rosales
Family:	Moraceae
Tribe:	Castilleae C.C.Berg

- Phylogenetics and Evolution*. **37** (2): 402–16. doi:10.1016/j.ymp.2005.07.004 (<https://doi.org/10.1016%2Fj.ymp.2005.07.004>). PMID 16112884 (<https://pubmed.ncbi.nlm.nih.gov/16112884>).
2. Datwyler, Shannon L.; Weiblen, George D. (2004). "On the origin of the fig: phylogenetic relationships of Moraceae from *ndhF* sequences" (<http://www.amjbot.org/content/91/5/767.full>). *American Journal of Botany*. **91** (5): 767–777. doi:10.3732/ajb.91.5.767 (<https://doi.org/10.3732%2Fajb.91.5.767>). PMID 21653431 (<https://pubmed.ncbi.nlm.nih.gov/21653431>). Retrieved 18 September 2012.
  3. "Genera of *Moraceae* tribe *Castilleae*" (<https://archive.is/20120526195527/http://www.ars-grin.gov/cgi-bin/npgs/html/gnlist.pl?2409>). *Germplasm Resources Information Network*. United States Department of Agriculture. Archived from the original (<http://www.ars-grin.gov/cgi-bin/npgs/html/gnlist.pl?2409>) on 2012-05-26. Retrieved 2009-03-11.
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