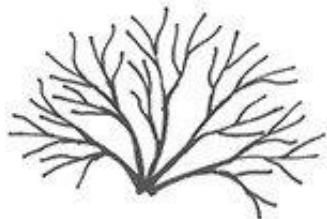
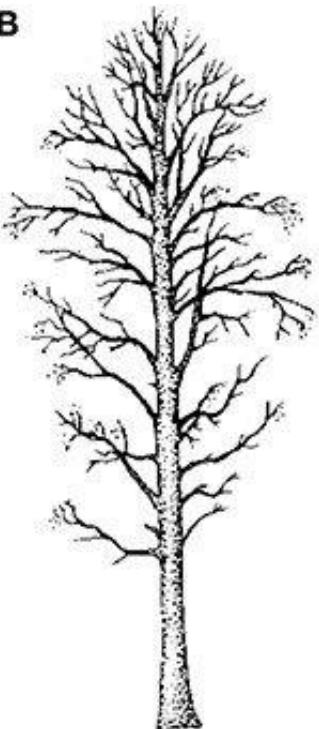
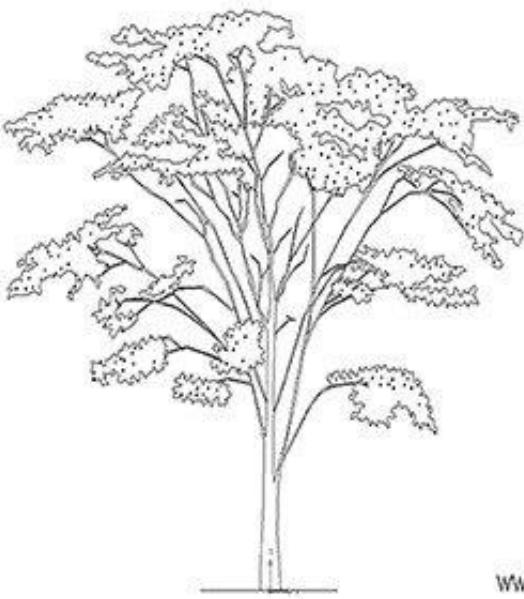
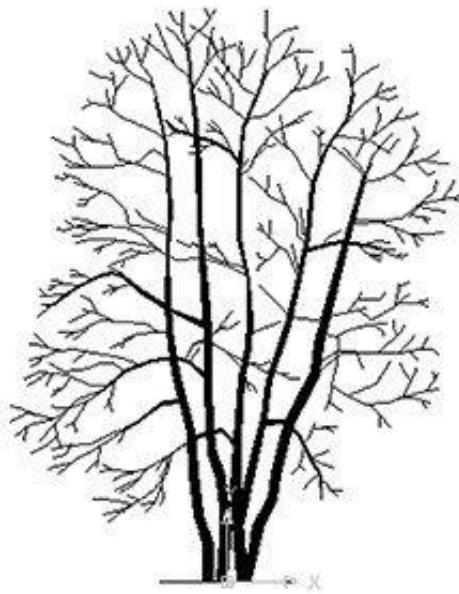




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# Trees and shrubs of the Municipality of Livingston, Izabal and their characteristics

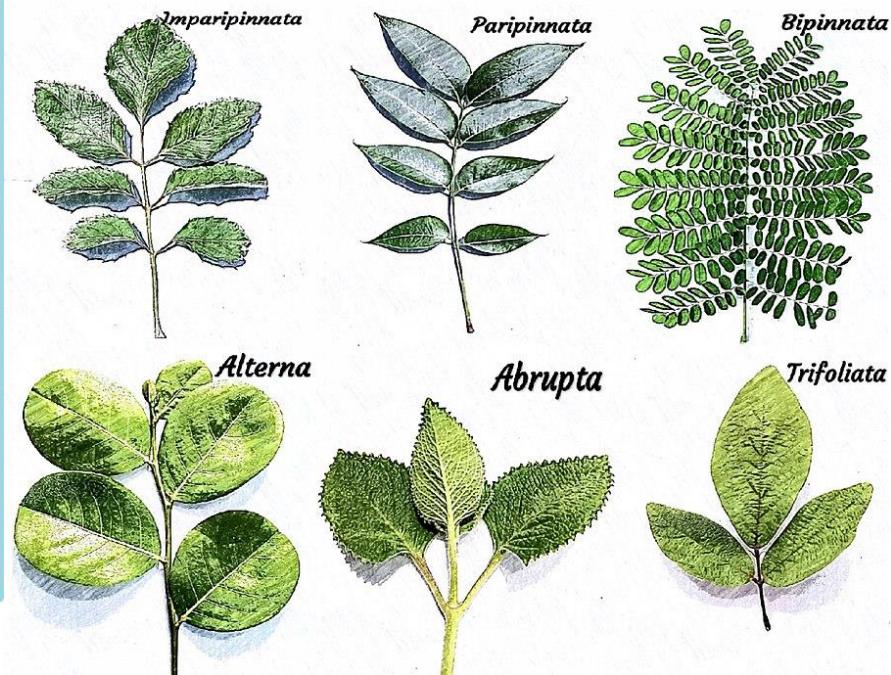
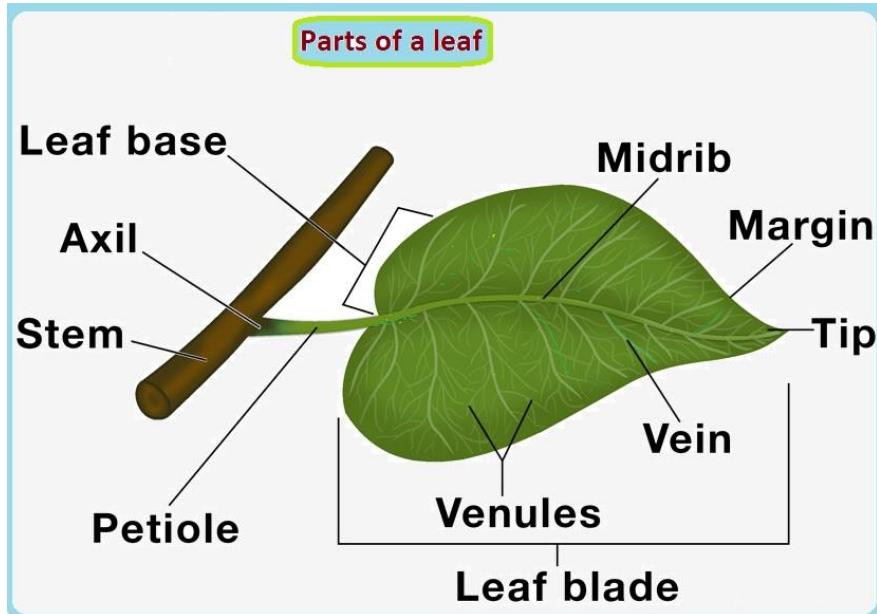
Researcher Samuel Herrera

**A****B****C****D**

Bushy and arborescent growth differentiated by the growth of structures such as stems and branches.

Both types of growth can have woody stems.

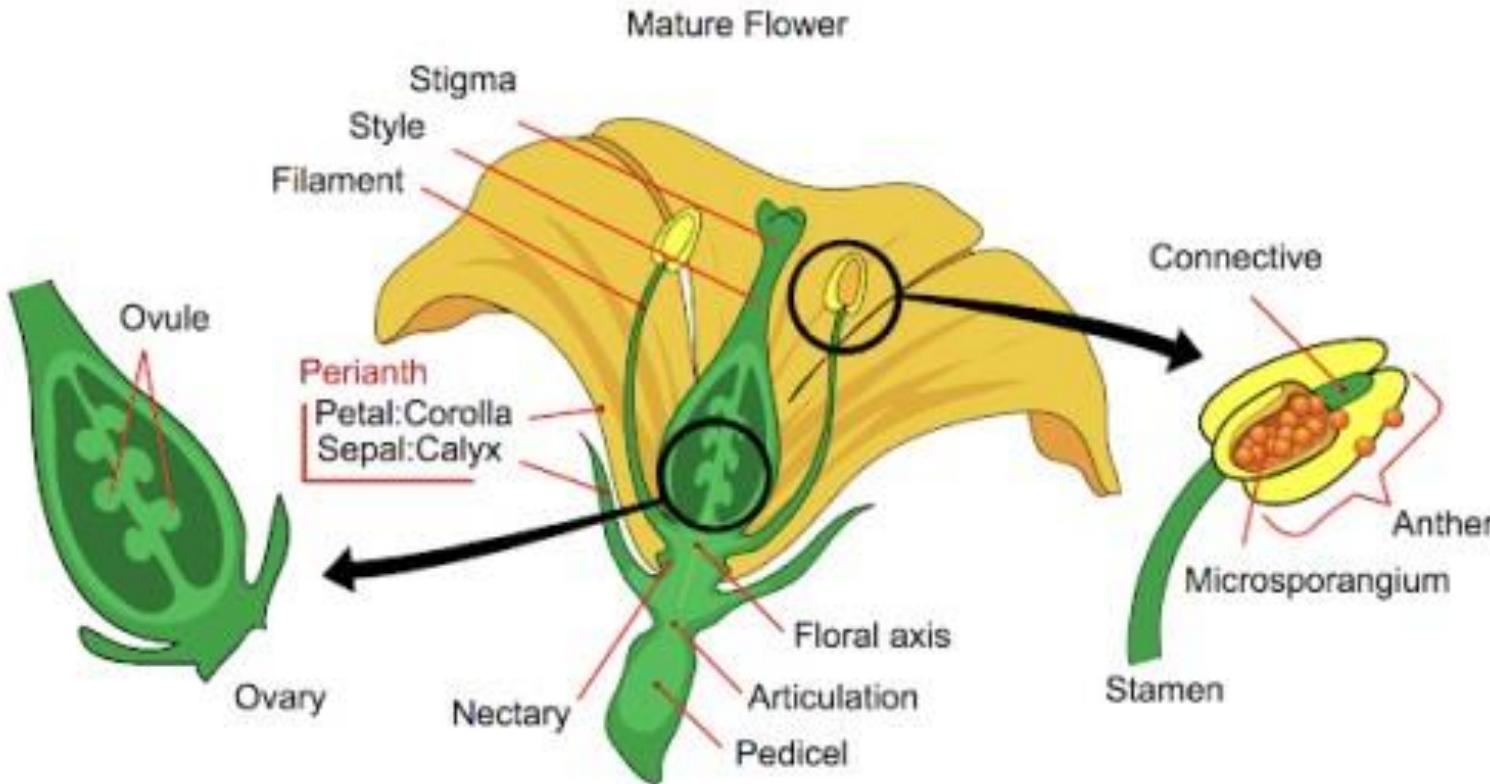
# Plant Morphology 101



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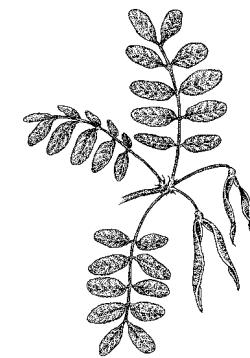
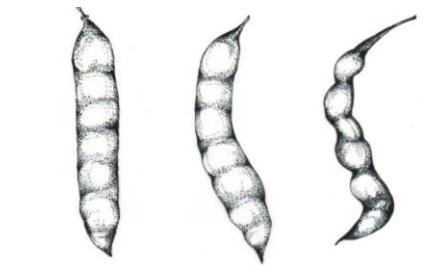


## PRINCIPALES TIPOS DE CORTEZAS DE ÁRBOLES SEGÚN LA TEXTURA

Arboles ornamentales / Tree bark /Types of barks

Lisa	Exfoliada	Escamosa	Fisurada
			
Surcada vertical	Surcada horizontal	Agrietada	Espinosa
			





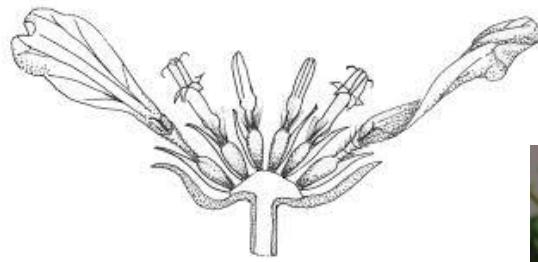
*Cojoba arborea* (L.) Britton & Rose - Frijolillo, cola de Coche  
**Fam. Fabaceae (Beans family)**



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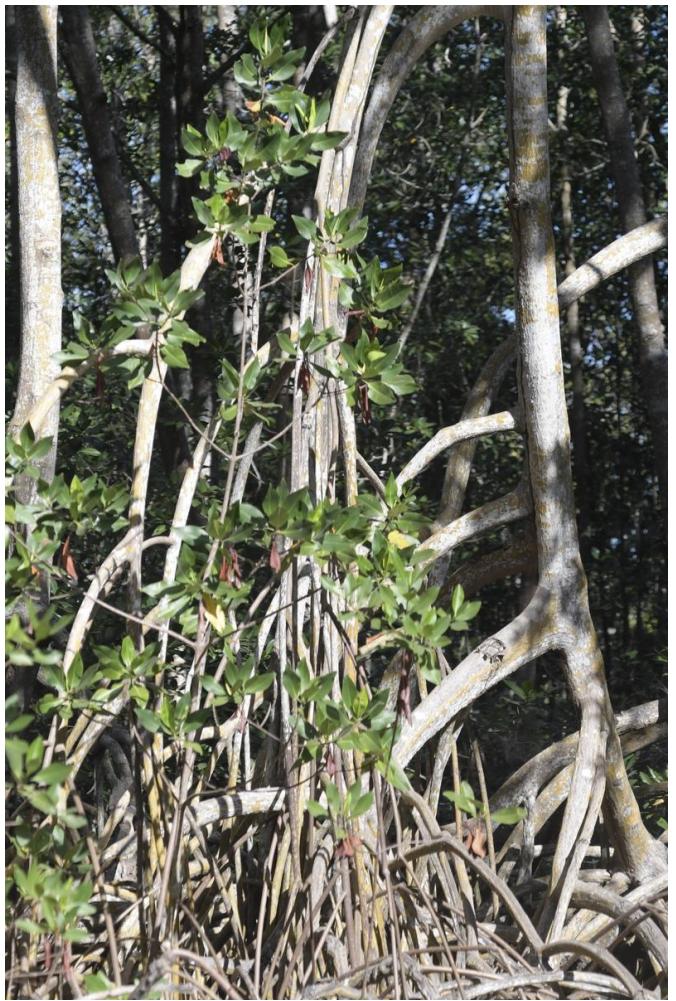
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*Zinnia elegans* L.

**Fam. Asteraceae** ( Sumflowers family)





*Rhizophora mangle* L - Mangle rojo

**Fam. Rhizophoraceae**  
( common name “mangrove”)



*Heliconia bourgaeana* Petersen –  
*Heliconia manchada*

**Fam. Heliconiaceae**  
( Common name " birds of paradise")

*Ceiba pentandra* (L.) Gaertn. –  
**Ceiba**

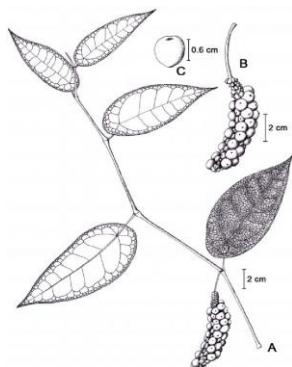
**Fam. Malvaceae**  
(Same family as cotton plant)





*Piper umbellatum* (L) – Piper

**Fam. Piperaceae**  
(Same family as pepper plant)



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# Other species of flora and fauna available on the web portal



<https://flaar-mesoamerica.org/rain-forests-rivers-lakes-bays-ocean-caves-canyons-livingston-the-caribbean-biodiversity-wonderland-of-guatemala/>



<https://flaar-mesoamerica.org/wp-content/uploads/2022/05>Listado-de-especies-documentadas-en-Livingston-May-2022-VH-VM.pdf>