



TREE SPECIES (SCIENTIFIC NAME)

Myrcianthes leucoxyla

COLOMBIAN COMMON NAME

Arrayán, Arrayán blanco, Arrayán Large, Guayabón, Mortiño, Palo blanco

TREE FAMILY

MYRTACEAE

AVERAGE LEAF SIZE (CM)

5cm × **3cm**
Length Width

DISTRIBUTION

 **NATIVE TO COLOMBIA**

ELEVATIONAL RANGE (M)

2650–3200m

TREE HEIGHT

SHRUB (1–10M)



NATIVE TO

Region: Americas

Latin America: Colombia, Venezuela

Colombia: Boyacá, Cundinamarca, Santander, Tolima

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

 **ARABICA**

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Propagated by seeds. requires large amounts of sunlight.

CULTIVATION

 **PLANTED**

 **NATURAL**

TREE BENEFITS AND USES

FARMER USES



Lumber, Medicinal, Product

Used to adorn and decorate spaces. Used as a wound healer, purgative, and for treating colds. Its resin is used as incense. Used for tool making.

FARM SERVICES



Coffee Shade, Soil Improvement, Erosion Control, Reforestation, Carbon Capture, Water Protection

Shade. Capture and storage of atmospheric carbon. Establishment of living fences. Used for water protection and decontamination. Soil conservation and recovery of degraded areas, provides biomass.

BIODIVERSITY BENEFITS

 **YES**

Attracts seed dispersers, Attracts pollinators. Fruits are consumed by birds like thrushes and flowerpiercers, and its flowers are visited by bees and flies.

Last Updated: February 20, 2025

Plants of the World Online (POWO). (2024). Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet. Retrieved from <http://www.plantsoftheworldonline.org/>; International Union for Conservation of Nature (IUCN). (2024). IUCN Red List. Published on the Internet. Retrieved from <https://www.iucnredlist.org/>; Fern, Ken (2024). Tropical Plants Database. Published on the Internet. Retrieved from <https://tropical.theferns.info/>; Universidad EIA. (2024). Catálogo virtual de Flora del Valle de Aburrá. Published on the Internet. Retrieved from <https://catalogofloravalleaburra.eia.edu.co/>; World Flora Online. (2024). World Flora Online. Published on the Internet. Retrieved from <https://www.worldfloraonline.org/>; Universidad Nacional de Colombia. (2024). Nombres Comunes de las Plantas de Colombia. Published on the Internet. Retrieved from <http://www.biovirtual.unal.edu.co/nombrescomunes/es/>; Global Biodiversity Information Facility (GBIF). (2024). GBIF. Published on the Internet. Retrieved from [https://www.gbif.org/es/Sistema de Información sobre Biodiversidad de Colombia \(SIB\) \(2024\). Catálogo de la Biodiversidad. Published on the Internet. Retrieved from: <https://catalogo.biodiversidad.co/>; Acero, LE \(2005\). Plantas útiles de la cuenca del Orinoco. BP Exploration Company \(Colombia\) Limited, Ecopetrol y Corporinoquia](https://www.gbif.org/es/Sistema de Información sobre Biodiversidad de Colombia (SIB) (2024). Catálogo de la Biodiversidad. Published on the Internet. Retrieved from: https://catalogo.biodiversidad.co/)