



TREE SPECIES (SCIENTIFIC NAME)

Calliandra pittieri

COLOMBIAN COMMON NAME

Carbonero, quebrajacho, clavellino

TREE FAMILY

LEGUMINOSAE

AVERAGE LEAF SIZE (CM)

11cm × 7cm
Length Width

DISTRIBUTION

 NATIVE TO COLOMBIA

ELEVATIONAL RANGE (M)

100–2600m

TREE HEIGHT

MEDIUM (20–35M)



NATIVE TO

Region: Americas
Latin America: Colombia, Ecuador, Panama, Venezuela
Colombia: Antioquia, Boyacá, Caldas, Cauca, Cundinamarca, Huila, Nariño, Risaralda, Santander, Tolima, Valle del Cauca

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

 ARABICA

COFFEE IMPACT

 BENEFICIAL TO COFFEE

TREE MANAGEMENT

Propagated by cuttings and seeds.

CULTIVATION

 PLANTED
 NATURAL

TREE BENEFITS AND USES

FARMER USES




Livestock Forage, Fuelwood, Lumber, Medicinal, Ornamental, Product
Flowers are used for dye extraction. Used to make building posts and tool handles.

FARM SERVICES



Coffee Shade, Windbreak, Soil Improvement, Nitrogen Fixation, Carbon Capture, Water Protection
Used for water protection and decontamination

BIODIVERSITY BENEFITS

 **YES**
Attracts pollinators. Flowers are attractive to a variety of insects, nectarivorous birds, and nectarivorous bats. This tree provides food for a large number of insectivorous slender-billed birds, both resident and migratory.

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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/>; 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/>