



TREE SPECIES (SCIENTIFIC NAME)

Virola duckei

PERU COMMON NAME

Cumala

TREE FAMILY

MYRISTICACEAE

AVERAGE LEAF SIZE (CM)

Unknown

ELEVATIONAL RANGE (M)

350–2000M

TREE HEIGHT

LARGE (> 35M)



DISTRIBUTION



NATIVE TO PERU

NATIVE TO

Region: Americas

Latin America: Bolivia, Brazil, Colombia, Ecuador, Peru, Venezuela

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

Has a low incidence of pests.

CULTIVATION



NATURAL

PREVALENCE

Not Common in Coffee Agroforestry

TREE BENEFITS AND USES

FARMER USES



Food, Firewood, Lumber, Medicinal, Ceremonial

Used for construction. Source of a psychoactive sap and used as a hallucinogen by some Indigenous peoples. Sap used to treat fungal infections.

FARM SERVICES



Coffee Shade, Soil Improvement

Coffee Shade: provides medium to sparse shade in a conical shape when young and in a cup shape when mature

BIODIVERSITY BENEFITS

✓ YES

It houses arthropods in leaves, flowers and bark that serve as food for many insectivorous birds. The fruits are eaten by forest animals.

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Encyclopedia of Life. Accessed 27 June 2022. Available from <http://eol.org>;

Virola duckei A.C.Sm. in GBIF Secretariat (2021). GBIF Backbone Taxonomy. Accessed on 2022-06-27. Checklist dataset <https://doi.org/10.15468/39omei>;

Bennett, B. C., and Rocío Alarcón. "Osteophloeum platyspermum and *Virola duckei* (myristicaceae): newly reported as hallucinogens from Amazonian Ecuador." *Economic Botany* 48.2 (1994): 152-158. Gradstein, S.R. 2022-7-12.;

Virola duckei A.C.Sm. En Bernal, R., S.R. Gradstein & M. Celis (eds.). 2015. Catálogo de plantas y líquenes de Colombia. Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá. <http://catalogoplantasdecolombia.unal.edu.co>;

Mendoza, A. L. M., & Guerrero, M. H. (2010). Catálogo de los árboles y afines de la Selva Central del Perú. *Amaldoa*, 17, 203-242.