



TREE SPECIES (SCIENTIFIC NAME)

Richeria grandis

TREE FAMILY

PHYLLANTHACEAE

AVERAGE LEAF SIZE (CM)

16.56cm × **8.21cm**
Length Width

DISTRIBUTION

 **NATIVE TO PERU**

ELEVATIONAL RANGE (M)

850–1500m

TREE HEIGHT

SMALL (10–20M)



NATIVE TO

Region: Americas

Latin America: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, Guyana, Panama, Peru, Venezuela

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

 **ARABICA**

COFFEE IMPACT

 **BENEFICIAL TO COFFEE**

TREE MANAGEMENT

Planted by seeds and cuttings in nursery. Plant fresh seeds in a partially shaded nursery. A germination rate of more than 50% can be expected, and the seeds sprout within 100-120 days. The species is an aluminum accumulator and is capable of accumulating 15,000 ppm of aluminum. The plant was able to tolerate potentially toxic levels of aluminum primarily by depositing the metal on its leaf walls. It has a low incidence of pests.

CULTIVATION

 **PLANTED**

 **NATURAL**

PREVALENCE

Not Common in Coffee Agroforestry

TREE BENEFITS AND USES

FARMER USES



Lumber, Medicinal

Used locally to make items such as broom handles, boxes and small artifacts.

FARM SERVICES



Coffee Shade, Soil Improvement

Coffee Shade: provides sparse to medium shade

Soil Improvement: the species is an aluminum accumulator and is capable of tolerating potentially toxic levels of aluminum

BIODIVERSITY BENEFITS

 **YES**

It houses insects in leaves and bark that are consumed by insectivorous bird species.

Last Updated: December 30, 2022

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