



TREE SPECIES (SCIENTIFIC NAME)

# Simira williamsii

PERU COMMON NAME

Pucaquiro

TREE FAMILY

**RUBIACEAE**

AVERAGE LEAF SIZE (CM)

Unknown

ELEVATIONAL RANGE (M)

Unknown

TREE HEIGHT

**SHRUB (1-10M)**



DISTRIBUTION



**NATIVE TO PERU**

NATIVE TO

**Region:** Americas

**Latin America:** Brazil, Peru

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



**ARABICA**

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Planted by seeds. It develops in tropical humid forests, associated with coffee and banana. Once the seeds have developed in the germinating beds, move to bags with substrate. Make a small hole in the central part of the bag and place the bare root of the seedling, pressing to remove empty spaces.

CULTIVATION



**PLANTED**



**NATURAL**

PREVALENCE

Unknown

## TREE BENEFITS AND USES

FARMER USES



### Firewood, Lumber, Medicinal, Product

It is used for the construction of houses and fences, manufacture of parquet, structures (beams, joists and columns), joinery, decorative sheets, tool handles, crafts and electric fences. The bark is used for the treatment of a variety of inflammatory diseases.

FARM SERVICES



### Coffee Shade, Reforestation

Reforestation: considered a pioneer species

BIODIVERSITY BENEFITS

No

Last Updated: August 15, 2023

Solis R, Vallejos-Torres G, Arévalo L, Marín-Díaz J, Ñique-Alvarez M, Engedal T, Bruun TB (2020). Carbon stocks and the use of shade trees in different coffee growing systems in the Peruvian Amazon. The Journal of Agricultural Science 1–11. <https://doi.org/10.1017/S002185962000074X>;

Soria Torres, E. M. (2006). Trabajabilidad de la madera de Pucaquiro (*Sickingia williamsii*), proveniente de bosques secundarios de la zona de San Martín-Perú.;

Capasso, A., Aquino, R., Tommasi, N., Piacente, S., Rastrelli, L., & Pizza, C. (2002). Neuropharmacology activity of alkaloids from South American medicinal plants. Current Medicinal Chemistry-Central Nervous System Agents, 2(1), 1-15.;

Rengifo Gonzales, L. (2011). Efecto de sustratos con micorrizas vesículo arbusculares en el crecimiento inicial de cuatro especies forestales en fase de vivero.

Tarapoto, Parodi Ramirez, Y. G. (2013). Evaluación Taxonómica de Especies Forestales Pioneras y su Valor Ambiental en el Área Recuperada del Centro de Producción e Investigación Pabloyacu, Moyobamba 2012.