



TREE SPECIES (SCIENTIFIC NAME)

# *Sapium marmieri*

PERU COMMON NAME

Shiringa arana, Caucho masha, Palo leche

TREE FAMILY

**EUPHORBIACEAE**

AVERAGE LEAF SIZE (CM)

**11.5cm × 6cm**

Length Width

DISTRIBUTION



**NATIVE TO PERU**

ELEVATIONAL RANGE (M)

**300–600m**

TREE HEIGHT

**SMALL (10–20M)**



NATIVE TO

**Region:** Americas

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

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



**ARABICA**

COFFEE IMPACT



**BENEFICIAL TO COFFEE**

TREE MANAGEMENT

The latex is poisonous. Has a low incidence of pests.

CULTIVATION



**PLANTED**



**NATURAL**

PREVALENCE



**COMMON IN COFFEE AGROFORESTRY**

## TREE BENEFITS AND USES

FARMER USES



**Lumber, Medicinal, Product**

It is moderately easy to work with and used for purposes such as moldings, furniture, veneers and plywood, also in drawers and pulp for paper. Latex can be used to produce lower quality rubber. The abundant milky sap is very poisonous. Known as 'Gaucho Mashan', it is used as a powerful purgative. It is taken orally, usually by mixing a small amount in water.

FARM SERVICES



**Coffee Shade, Soil Improvement**

Coffee Shade: provides sparse shade.

Soil Improvement: total leaf fall occurs in dry season which provides nutrients to the soil

BIODIVERSITY BENEFITS



**YES**

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

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Tropical Plants Database, Ken Fern. [tropical.thefems.info](https://tropical.thefems.info/). 2022-06-23. [tropical.thefems.info/viewtropical.php?id=Sapium+marmieri](https://tropical.thefems.info/viewtropical.php?id=Sapium+marmieri);

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