



TREE SPECIES (SCIENTIFIC NAME)

# *Bischofia javanica*

ENGLISH COMMON NAME

Java cedar

INDONESIAN COMMON NAME

Gadog, Gintungan (Javanese), Kerinjing (Sumatera), Sikkam

TREE FAMILY

**PYLLANTHACEAE**

AVERAGE LEAF SIZE (CM)

**5-14cm** × **3-9cm**  
Length Width

DISTRIBUTION



**NATIVE TO INDONESIA**

ELEVATIONAL RANGE (M)

**0-1800M**

TREE HEIGHT

**LARGE (> 35M)**



NATIVE TO

**Region:** Asia

Cambodia, Laos, Malaysia, Myanmar, Papua New Guinea, Philippines, Singapore, Thailand, Vietnam

**Indonesia:** Borneo, Java, Lesser Sunda Islands, Maluku Islands, New Guinea, Sulawesi, Sumatra

## COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



**ROBUSTA**

COFFEE IMPACT



**BENEFICIAL TO COFFEE**

REGENERATION



**REGENERATES NATURALLY**

CULTIVATION



**PLANTED**

TREE MANAGEMENT

Propagated by seed, natural seedlings, and stem cuttings. Seeds may be collected in large quantities (1 kg contains 61,500-90,000 dry seeds) and stored for up to 6 months. Germination starts 1-3 weeks after sowing. 70% of the seeds germinate in 5-6 weeks. Direct sowing in the field is not recommended due to heavy water requirements of young plants. For pure stands, space at 2 x 3 m or in alternating rows for mixed stands at 1 m x 3 m or 2.5 m x 5 m. Self prunes once the canopy closes after ~5 years. May develop forks as a result of attacks by top and twig-boring insects.

PREVALENCE



**COMMON IN COFFEE AGROFORESTRY**

## TREE BENEFITS AND USES

FARMER USES



**Food, Livestock Forage, Fuelwood, Lumber, Medicinal, Product**

The young soft leaves are cooked and eaten as a vegetable. The leaves and latex help treat ulcers, parasites, and dysentery. The wood is medium-weight and moderately hard, the heartwood is purplish-brown to reddish-brown and the sapwood is pale brown to pale reddish-brown, with the bark used for dyes and the wood used for versatile, general construction.

FARM SERVICES



**Coffee Shade, Reforestation**

BIODIVERSITY BENEFITS



**YES**

Preferred tree of epiphytes and host for orchids.

Last Updated: April 27, 2021

Image: <http://specimens.kew.org/herbarium/K000246702> The Herbarium Catalogue, Royal Botanic Gardens, Kew. Published on the Internet <http://www.kew.org/herbcat> [accessed on 10 12 2020].