



# Brown salwood

(*Acacia mangium*)

**Originated in Australia, Papua New Guinea and Indonesia. Introduced in numerous tropical regions for its wood (firewood, paper, etc.) or for reforestation of land.**

## Description

- The trunk can grow to a height of 30 metres with a diameter at the base of 50 centimetres
- Rough bark, with longitudinal furrows, ranging in colour from light grey-brown to brown
- Phyllodes (stems that have transformed into leaves) range from 11 to 27 cm in length and 3 to 10 cm in width, are dark green in colour, have a smooth pulvinus (a thick section at the base of the stem) 6 to 10 mm in length and longitudinal veins, generally 4 in number
- Inflorescence in loose off-shoots, between 5 and 12 cm long, small flowers white to yellowish in colour
- Long pods that curl when mature, 7 to 8 cm long and 0.3 to 0.5 cm wide
- Bright black seeds, oval to oblong in shape, 3 to 5 mm long and 2 to 3 mm wide, with a yellow to bright orange funiculus (stalk attaching to the ovary wall)

## Ecology and reproduction

- A pioneer species that grows in open areas (savannahs, plains), but also in forests
- It follows on fires and can tolerate a wide range of pH levels in the soil
- Rapid growth, up to 2.5 metres per year
- Hermaphroditic, self-pollinating plant, produces viable seeds starting at 18 to 20 months of age
- The trees flower from February to May in their original range

## Documentation

- Delnattte C. et Meyer J-Y. 2012. Plant introduction, naturalization, and invasion in French Guiana (South America). *Biol. Invasions*. 14: 915-297.
- CABI. 2018. *Invasive Species Compendium : Acacia mangium (brown salwood)*. <https://www.cabi.org/isc/datasheet/2325>
- Orwa C., Mutua A., Kindt R., Jamnadass R. and Anthony S., 2009. *Agroforestry Database: a tree reference and selection guide, version 4.0*. [http://www.worldagroforestry.org/treedb/AFTPDFS/Acacia\\_mangium.PDF](http://www.worldagroforestry.org/treedb/AFTPDFS/Acacia_mangium.PDF)

Author: Doriane Blottière, IUCN French committee, for the Resource Centre on invasive alien species in conjunction with the overseas IAS initiative. December 2018. Published by the French Biodiversity Agency.

### Classification

Order	Fabales
Family	Fabaceae
Genus	<i>Acacia</i>
Species	<i>A. mangium</i> (Willd, 1806)

