

Synonym : *Platonia esculenta* (Arruda) Rickett & Stafleu

Family : Guttiferae

Vernacular names

Suriname : Geelhart / Manipau / Gerati
 Guyana : Pakuri / Mammee apple
 French Guiana : Parcouri / Matouni / Moussa
 Brazil : Bacuri / Pacuru / Bacuri acu
 Venezuela : Roble Maria

International trade name : Bacuri, Pakuri

Occurrence : Suriname, Guianas, Brazil, Tropical South America

Tree description

Bole length : bole 16 - 20 m; tree height 20 - 35 m
 Diameter : 0.45 - 1.00 m
 Log shape : straight, cylindrical; tree base swollen or with low thick root spurs

Wood description

Sapwood : distinct; beige to yellow
 Heartwood : yellow brown with yellow beige streaks and stripes
 Grain : straight
 Texture : medium to coarse

Technological characteristics

Physical properties

Green density	(g/cm ³):	1.10
Air dry density at 12% MC	(g/cm ³):	0.87
Tot. tangential shrinkage	(%) :	10.0
Tot. radial shrinkage	(%) :	6.2
Tot. volumetric shrinkage	(%) :	16.8

Mechanical properties

Bending strength at 12% MC	(N/mm ²):	179
Modulus of elasticity (MOE) at 12% MC	(N/mm ²):	18400
Crushing strength at 12% MC	(N/mm ²):	85

Processing

Sawing	: difficult; power required, blunting effect: slight
Drying	: with care; risk of distortion and checking more or less high; US kiln schedule T6 - D2 for 25-38 mm and T3 - D1 for 50 mm stock
Machining	: difficult; stellite tipped tools recommended
Gluing	: good
Nailing	: pre-boring necessary
Finishing	: good
Veneering	: pre-steaming before slicing

Natural durability

Decay fungi	: very good
Termites	: good
Marine borers	: moderate

Treatability (heartwood) : poor

End uses : interior and exterior joinery, flooring, stairs, marine construction, moulding, veneer.



Log shape

Pakuli - *Platonia insignis* C. Martius