

Synonym : *Andira aubletii* Benth.

Family : Legumimosae (Caesalpinioideae)

Vernacular names

Suriname : Bruinhart
 Guyana : Brownheart / Sarebebeballi / Partridge wood
 French Guiana : Wacapou
 Brazil : Acapu

International trade name : Acapu, Wacapou

Occurrence : Suriname, Guianas, Brazil

Tree description

Bole length : bole 15 - 18 m; tree height 25 - 30 m
 Diameter : 0.40 - 0.85 m
 Log shape : straight, more or less fluted trunk and small buttresses

Wood description

Sapwood : distinct, yellowish cream
 Heartwood : dark brown or reddish brown
 Grain : straight, sometimes slight wavy or roey
 Texture : coarse

Technological characteristics

Physical properties

Green density	(g/cm ³):	1.10
Air dry density at 12% MC	(g/cm ³):	0.91
Tot. tangential shrinkage	(%) :	6.9
Tot. radial shrinkage	(%) :	4.9
Tot. volumetric shrinkage	(%) :	13.5

Mechanical properties

Bending strength at 12% MC	(N/mm ²):	208
Modulus of elasticity (MOE) at 12% MC	(N/mm ²):	16080
Crushing strength at 12% MC	(N/mm ²):	83

Processing

Sawing	: difficult, power required; blunting effect: moderate
Drying	: moderately difficult; slow and careful. US kiln schedule T7 - B3 for 25-38 mm stock
Machining	: difficult; special tools recommended
Gluing	: with special precautions
Nailing	: pre-boring necessary
Finishing	: good
Veneering	: slices well

Natural durability

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

Treatability (heartwood) : poor

End uses : joinery, flooring, cabinet work, furniture, stairs, decorative trim, sleepers, post and poles, marine constructions.



Log shape

Broinati - *Vouacapoua americana* Aublet