

103. <i>Vatairea guianensis</i> Aublet	- gerikabisi
103a. <i>Vatairea paraensis</i> Ducke	
103b. <i>Vataireopsis speciosa</i> Ducke	- djongokabisi

Synonym (103) : *Vatairea surinamensis* **Kleinh.**

Family : Leguminosae (Papilionoideae)

Vernacular names

Suriname	: Gele Kabbes / Arisuru
Guyana	: Arisauro / Arakaka / Yaksaru
French Guiana	: Inkassa / Yonko
Brazil	: Angelim / Faveira / Faveira amarela / Aracuy
Venezuela	: Amargoso

International trade name : Arisauro

Occurrence : Suriname, Guianas, Brazil, Venezuela, Central America

Tree description

Bole lenght	: bole 15 - 20 m; tree height 20 - 35 m
Diameter	: 0.30 - 0.90 m
Log shape	: straight cylindrical; tree base with low root spurs or narrow high buttresses

Wood description

Sapwood	: distinct, whitish-greyish or brownish yellow
Heartwood	: yellow but becomes orange brown to dark brown on exposure; oily appearance
Grain	: straight to strongly interlocked
Texture	: coarse to very coarse

Technological characteristics

Physical properties (103, 103a)

	<i>V. guianensis</i>	<i>V. paraensis</i>
Green density	(g/cm ³): 1.09	1.07
Air dry density at 12% MC	(g/cm ³): 0.83	0.74
Tot. tangential shrinkage	(%) : 9.3	7.4
Tot. radial shrinkage	(%) : 5.7	3.4
Tot. volumetric shrinkage	(%) : 16.0	8.6

Mechanical properties (103, 103a)

	<i>V. guianensis</i>	<i>V. paraensis</i>
Bending strenght at 12% MC	(N/mm ²): 146	101
Modulus of elasticity (MOE) at 12% MC	(N/mm ²): 17940	12357
Crushing strenght at 12% MC	(N/mm ²): 87	48

Processing

Sawing	: easy; blunting effect: slight
Drying	: moderate; slight risk of distortion
Machining	: easy to moderate; plains poor
Gluing	: good
Nailing	: good
Finishing	: good
Veneering	: good

Natural durability

Decay fungi	: moderate to good
Termites	: poor
Marine borers	: poor

Treatability (heartwood) : poor

End uses : interior and exterior joinery, general carpentry, furniture, sleepers.



Log shape

Gerikabisi - *Vatairea guianensis* Aublet