

**27. *Couratari guianensis* Aublet** - ingipipa  
**27a. *Couratari gloriosa* Sandw.**  
**27b. *Couratari multiflora* (J.E. Smith) Eyma**

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**Synonym (27)** : *Couratari pulchra* Sandw.

**Family** : Lecythidaceae

**Vernacular names**

Suriname : Kaliu ulemaliti  
 Guyana : Fine leaf wadara / Marimari (*C. multiflora*) / Wadara  
 (*C. guianensis*, *C. gloriosa*)  
 French Guiana : Couatari / Inguipipa  
 Brazil : Imbirema / Tauari (*C. guianensis*)  
 Venezuela : Cachimbo / Tabari / Tampipio

**International trade name** : Tauari

**Occurrence** : Suriname, Guianas, Brazil, Venezuela, Colombia and Central America

**Tree description**

Bole length : bole 15 - 30 m; tree height 30 - 40 m  
 Diameter : 0.60 – 1.20 m  
 Log shape : straight, cylindrical; tree base with some high and straight buttresses

**Wood description**

Sapwood : not distinct, yellowish white  
 Heartwood : cream white to light beige or yellowish brown grayish brown  
 Grain : straight or uniformly interlocked  
 Texture : medium to coarse

**Technological characteristics**

**Physical properties (27, 27b)**

	<i>C. guianensis</i>	<i>C. multiflora</i>
Green density	(g/cm <sup>3</sup> ): 1.10	0.86
Air dry density at 12% MC	(g/cm <sup>3</sup> ): 0.62	0.73
Total tangential shrinkage	(%) : 7.3	7.0
Total radial shrinkage	(%) : 4.1	3.4
Total volumetric shrinkage	(%) : 12.0	11.5

### Mechanical properties (27, 27b)

	<i>C. guianensis</i>	<i>C. multiflora</i>
Bending strength at 12% MC	(N/mm <sup>2</sup> ): 96	107
Modulus of elasticity (MOE) at 12% MC	(N/mm <sup>2</sup> ): 11900	15300
Crushing strength at 12% MC	(N/mm <sup>2</sup> ): 51	62

### Processing

Sawing	: easy; blunting effect: moderate to high (silica content 0.8%); satellite tipped blade recommended
Drying	: easy
Machining	: easy with tungsten carbide tipped tools
Gluing	: good
Nailing	: moderate holding
Finishing	: good
Veneering	: after pre-steaming, peels and slices easy

### Natural durability

Decay fungi	: poor
Termites	: poor
Marine borers	: poor

**Treatability (heartwood)** : good

**End uses** : interior and exterior joinery, flooring, furniture, moulding, boxes and crates, toys.



Log shape

**Ingipipa** - *Couratari guianensis* Aublet