

**29. *Dimorphandra conjugata* (Splitg.) Sandw.** - dakama  
**29a. *Dimorphandra polyandra* Benoist**

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**Synonym (29a)** : *Dimorphandra hohenkerkii* Sprague & Sandw.

**Family** : Leguminosae (Caesalpinioideae)

**Vernacular names**

Suriname : Anjama / Akajuran  
Guyana : Dakama (*D. polyandra*) / Akayoran (*D. conjugata*)  
French Guiana : Aieoueko / Mora de Saint Laurant  
Brazil : Faveira-vermelha / Faveira-camurin

**International trade name** : Aieoueko, Fava-vermelha,

**Occurrence** : Suriname, Guianas, Brazil, Venezuela

**Tree description**

Bole length : bole 15 - 20 m; tree height 25 - 40 m  
Diameter : 0.45 – 0.75 m  
Log shape : straight with large and shallow furrows; tree base with root spurs or buttresses

**Wood description**

Sapwood : distinct, pale white  
Heartwood : dark red brown (*D. conjugata*), yellowish with darker streaks (*D. polyandra*)  
Grain : straight or slightly interlocked  
Texture : coarse

**Technological characteristics**

**Physical properties (29a)**

	<i>D. polyandra</i>
Green density	(g/cm <sup>3</sup> ): 1.05
Air dry density at 12% MC	(g/cm <sup>3</sup> ): 0.70
Total tangential shrinkage	(%) : 8.2
Total radial shrinkage	(%) : 4.5
Total volumetric shrinkage	(%) : 13.0

**Mechanical properties (29a)**

	<i>D. polyandra</i>
Bending strength at 12% MC	(N/mm <sup>2</sup> ): 119
Modulus of elasticity (MOE) at 12% MC	(N/mm <sup>2</sup> ): 12170
Crushing strength at 12% MC	(N/mm <sup>2</sup> ): 62

## Processing

Sawing	: easy; blunting effect: slight
Drying	: difficult; risk of distortion and checking: moderate to high
Machining	: easy
Gluing	: good
Nailing	: good
Finishing	: good

## Natural durability

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

**Treatability (heartwood)** : poor

**End uses** : interior and exterior joinery, general carpentry, glued laminated beams, furniture, boxes and crates.



Log shape

**Dakama** - *Dimorphandra conjugata* (Splitg.) Sandw.