

**75. *Pithecellobium corymbosum* (Rich.) Bentham**

- busitamarin

**75a. *Pithecellobium racemosum* Ducke**

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**Synonyms (75, 75a)** : *Hydrochorea corymbosa* (Rich.) Barneby & Grimes,  
*Marmaroxylon racemosum* (Ducke) Killip

**Family** : Leguminosae (Mimosoideae)

**Vernacular names**

Suriname : Bostamarinde / Gevlamde bostamarinde / Amandra bali  
Guyana : Manariballi / Chiti / Örukorong /Tureli  
French Guiana : Kioudou  
Brazil : Angelim pintado / Inga rassa

**International trade name** : Angelim-rajado, Angico-rajado

**Occurrence** : Suriname, Guianas, Brazil

**Tree description**

Bole lenght : bole 15 - 20 m; tree height 20 - 35 m  
Diameter : 0.40 - 0.65 m  
Log shape : moderately straight; tree base: swollen and buttressed

**Wood description**

Sapwood : distinct, pinkish red  
Heartwood : reddish brown  
Grain : wavy and interlocked  
Texture : coarse

**Technological characteristics**

**Physical properties (75)**

Green density	(g/cm <sup>3</sup> ):	<i>P. corymbosum</i> 0.85 - 0.90
Air dry density at 12% MC	(g/cm <sup>3</sup> ):	0.65
Tot. tangential shrinkage	(%) :	6.9
Tot. radial shrinkage	(%) :	3.7
Tot. volumetric shrinkage	(%) :	10.8

**Mechanical properties (75)**

Bending strenght at 12% MC	(N/mm <sup>2</sup> ):	<i>P. corymbosum</i> 76
Modulus of elasticity (MOE) at 12% MC	(N/mm <sup>2</sup> ):	10100
Crushing strenght at 12% MC	(N/mm <sup>2</sup> ):	43

## Processing

Sawing	: easy; blunting effect: slight
Drying	: easy; risk of distortion and checking: slight to moderate
Machining	: moderate, due to interlocked and raised grains
Gluing	: good
Nailing	: good
Finishing	: good, filler required
Veneering	: slices well

## Natural durability

Decay fungi	: moderate
Termites	: moderate
Marine borers	: poor

**Treatability (heartwood)** : poor to moderate

**End uses** : interior and exterior joinery, general carpentry, furniture turnery, veneer.



Log shape

**Busitamarin** – *Pithecellobium corymbosum* (Rich.) Bentham