

<b>74. <i>Peltogyne venosa</i> (Vahl) Benth.</b>	- popo-ati
<i>ssp. venosa</i>	
<b>74a. <i>Peltogyne pubescens</i> Benth.</b>	- alastan

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**Synonyms (74, 74a)** : *Peltogyne confertiflora* **Benth.**, *Peltogyne paniculata* (**Benth.**)  
M.F. Silva

**Family** : Leguminosae (Cesalpinioideae)

**Vernacular names**

Suriname	: Purperhart / Alastan / Simirirang
Guyana	: Purpleheart / Koroboreli / Karawai
French Guiana	: Amarante / Bois violet
Brazil	: Pau roxo / Ipê roxo / Guarabu
Bolivia	: Morada
Colombia	: Tananeo
Venezuela	: Zapatero / Marado / Algarrosito

**International trade name** : Amarante

**Occurrence** : Suriname, Guianas, Brazil, Tropical South America

**Tree description**

Bole length	: bole 18 - 27 m; tree height 25 - 50 m
Diameter	: 0.45 - 0.90 m
Log shape	: straight, cylindrical; tree base buttressed

**Wood description**

Sapwood	: clearly distinct; pale pink to grey white
Heartwood	: brown beige when freshly cut, but turns in deep purple upon exposure to light and darkens to dark brown
Grain	: usually straight
Texture	: medium to fine

**Technological characteristics**

**Physical properties (74)**

		<i>P. venosa</i>
Green density	(g/cm <sup>3</sup> ):	1.20
Air dry density at 12% MC	(g/cm <sup>3</sup> ):	0.84
Tot. tangential shrinkage	(%) :	6.7
Tot. radial shrinkage	(%) :	4.6
Tot. volumetric shrinkage	(%) :	11.3

## Mechanical properties (74)

	<i>P. venosa</i>
Bending strength at 12% MC	(N/mm <sup>2</sup> ): 155
Modulus of elasticity (MOE) at 12% MC	(N/mm <sup>2</sup> ): 16880
Crushing strength at 12% MC	(N/mm <sup>2</sup> ): 79

## Processing

Sawing	: difficult; power required; blunting effect: moderate
Drying	: easy; risk of distortion and checking slight; US kiln schedule T6 - D2 for 25-38 mm and T3 - D1 for 50 mm stock
Machining	: moderately difficult
Gluing	: good, but with care
Nailing	: pre-boring recommended
Finishing	: good
Veneering	: slices well

## Natural durability

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

**Treatability (heartwood)** : poor

**End uses** : interior and exterior joinery, cabinet work, furniture, stairs, flooring, tool handles, billiard cue butts, carving, turnery, marquetry, laminated beams, sliced veneer.



Log shape

**Popo-ati / Alastan - *Peltogyne venosa* (Vahl) Benth. ssp. *venosa***