

Synonym : *Symphonia gabonensis* **Pierre**

Family : Guttiferae

Vernacular names

Suriname : Mani / Manipau
 Guyana : Manni / Maitakin / Karamanni
 French Guiana : Manil / Manil marecage / Mataaki
 Bolivia : Breu amarilla / Azufre
 Brazil : Anani / Canadi / Mani
 Colombia : Machare / Azufre
 Peru : Brea-caspi / Azufre
 Venezuela : Mani / Paraman

International trade name : Anani, Canadi, Mani

Occurrence : Suriname, Guianas, Tropical South America and Tropical West Afrika (Gabon, Congo, Zaire)

Tree description

Bole lenght : bole 15 - 20 m; tree height 20 - 40 m
 Diameter : 0.35 - 1.00 m
 Log shape : straight, cylindrical and slender; tree stems in swamp areas develop stilroots with numerous elbow buttresses

Wood description

Sapwood : distinct, yellowish or gray
 Heartwood : beige brown with yellow, orange or green tinge
 Grain : straight, sometimes interlocked
 Texture : medium

Technological characteristics

Physical properties

Green density	(g/cm ³):	0.80 - 1.05
Air dry density at 12% MC	(g/cm ³):	0.71
Tot. tangential shrinkage	(%) :	9.7
Tot. radial shrinkage	(%) :	5.7
Tot. volumetric shrinkage	(%) :	15.6

* in West Africa: Ossol / Nianga / Muyanga / Tshilunga.

Mechanical properties

Bending strenght at 12% MC	(N/mm ²):	141
Modulus of elasticity (MOE) at 12% MC	(N/mm ²):	14100
Crushing strenght at 12% MC	(N/mm ²):	67

Processing

Sawing	: easy; blunting effect: moderate
Drying	: difficult; risk of distortion and checking more or less high; risk of casehardening; US kiln schedule T3 - C2 for 25-38 mm and T3 - C1 for 50 mm stock
Machining	: good but rough surfaces in planing and shaping
Gluing	: good
Nailing	: pre-boring recommended
Finishing	: good
Veneering	: peels and slices satisfactory

Natural durability

Decay fungi	: moderate
Termites	: poor
Marine borers	: moderate

Treatability (heartwood) : poor

End uses : interior and exterior joinery, carpentry, furniture, flooring, interior fittings, plywood, sleepers.



Log shape

Mataki - *Symphonia globulifera* L.f.