

# TARARA

## SPECIES IDENTIFICATION

<b>SCIENTIFIC NAME</b>	<i>Centrolobium microchaete</i> (Martius ex Bentham) Lima
<b>FAMILY</b>	LEG. PAPILIONOIDEAE
<b>COMMERCIAL NAME</b>	Arariba
<b>OTHER NAMES</b>	Araribá-amarelo (Brazil), Balaustre, Guayacan hobo (Colombia)
<b>DISTRIBUTION AREA</b>	Semideciduos forests. Departments of La Paz and Santa Cruz
<b>REGION AND FREQUENCY</b>	Very frequent in la Chiquitanía, Bajo Paraguá and Guarayos

## TREE DESCRIPTION

### TREETOP

<b>TRUNK</b>	Trunk with prominent buttresses, commercial heights up to 30 m
<b>BARK</b>	Light gray Color

## GENERAL CHARACTERISTICS

<b>SAPWOOD COLOR</b>	Yellowish	<b>HEARTHWOOD COLOR</b>	Red orange
<b>ODOR</b>	Peculiar, similar to roble	<b>TASTE</b>	Indistinct
<b>LUSTER</b>	Medium to bright	<b>GRAIN</b>	Straight to irregular
<b>STRIPED</b>	Dark	<b>TEXTURE</b>	Fine to medium

## ANATOMIC DESCRIPTION

### ANNUAL GROWTH RINGS

<b>Visibility</b>		<b>Average Number</b>	
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### PORES

<b>Visibility</b>	Visible at sight	<b>Porosity</b>	
<b>Type</b>	Solitaries and radial multiples	<b>Shape</b>	Round, containing resin

### PARENCHYMA

<b>Visibility</b>	Visible at sight	<b>Quantity</b>	Scarce
<b>Type</b>	Paratraqueal with centric vessels		

### RADIUS

<b>Visibility</b>	With magnifying glass 10 x	<b>magnifying Contrast</b>	Present
<b>Stratification</b>	Present		

## PHYSICAL PROPERTIES

MOISTURE CONTENT (GREEN LUMBER)	%
BASIC DENSITY	0,58 g/cm <sup>3</sup>
DENSITY (12% MOISTURE CONTENT)	0,74 g/cm <sup>3</sup>
RADIAL SHRINKAGE	4 %
TANGENTIAL SHRINKAGE	6,2 %
VOLUMETRIC SHRINKAGE	10,2 %
RATE T/R	1,6

## MECHANICAL RESISTANCE

MODULUS OF ELASTICITY	100 1000 Kg/cm <sup>2</sup>
MODULUS OF RUPTURE	1520 Kg/cm <sup>2</sup>
COMPRESSION PARALELL TO GRAIN	690 Kg/cm <sup>2</sup>
QUARTEREDSAWED	120 Kg/cm <sup>2</sup>
LATERAL HARDNESS	1093 Kg
IMPACT BENDING	3,34 Kg-m

## TECHNNICAL CONDITIONS FOR PROCESSING

MACHINING	Easy machining . Good finishing.
PRESERVATION	Rather permeable
NATURAL DURABILITY	Durable, when not in soil contact
DRYING	A moderate kiln schedule is recommended.

## END USES

Furniture	Flooring
Decorative Veneer	

Source: MDSP, FAO PAF-BOL, IBAMA, LPF “Información Técnica para el Procesamiento Industrial de 134 especies maderables de Bolivia”. Serie Técnica XI. 2002. (Translated by Fernando Aguilar . Marketing - CADEFOR)