



Manilkara bidentata (A. DC.) A. Chev.

Family: Sapotaceae.

Synonymies: *Mimusops bidentata* A. DC.

Popular names: Maçaranduba-da-marinha, aparaíú, aprauá, balata, chauá, maçaranduba, maçaranduba-amarela, maçaranduba-branca, maçaranduba-de-leite, maçarandubado-ceará, maçaranduba-preta, maçaranduba-roxa, maçaranduba-verdadeira, maçaranduba-vermelha, maparajuba, paraju, parajuba, apraiú.

General characters: Heartwood/sapwood distinct by color.

Heartwood reddish. Without color alteration by photo-oxidation.

Growth ring boundaries not clearly distinct, intermediate between

disctinct and indistinct. Wood with brightness in the longitudinal surfaces. Imperceptible smell. Hard to the manual transversal cut. Grain straight. Texture fine; or medium. Figure absent.

Vessels/pores: Vessels present. Visible only by a 10x hand lens. Small diameter (smaller than 100µm).

Diffuse-porous. Medium frequency (from 6 to 30 vessels/2mm²). Vessel groupings: predominantly in radial multiples (more than 2/3). With 4 or more vessels. In radial pattern. Of circular to oval outline.

Perforation plates not observed even with a 10x hand lens. Majority of vessels blocked. By tyloses.

Axial parenchyma: Observed. To the naked eye. Banded. In narrow bands or lines.

Rays: Observed. Only with a 10x hand lens on the transversal surface; or invisible even with a 10x hand lens on the tangential surface. Not contrasted on the radial surface. Fine (smaller than 100µm of width).

Low (shorter than 1mm of height). Very frequent (more than 10 rays/mm).

Storied structure: Absent.

Secretory structure: Not observed.

Cambial variants: Not observed.

Physical-chemical tests: Chrome azurol-s test negative. Fluorescence test negative. Basic specific gravity high (maior que 0,72g/cm³).

Geographical distribution: In the northern region of Brazil; or in the northeast region of Brazil; or in the southeast region of Brazil; or in the southern region of Brazil.

Phytogeographic domain: Amazônia; or Cerrado.

Conservation status: Not included in the official Brazilian flora list of endangered species. Not included in the CITES annex.

Data about commercialization: Included in the list of the 100 most commercialized native species in Brazil in 2008. Included in the list of the 100 most commercialized species in Brazil in 2009.

Other observations: The bands of parenchyma are in sinuous lines being very close to each other. The species of this genus are of difficult distinction, there is a great volume of wood in the market just in generic level.