



Carapa guianensis Aubl.

Family: Meliaceae.

Synonymies: *Amapa guianaensis* (Aubl.) Steud.; *Granatum guianense* (Aubl.) Kuntze.

Popular names: Andiroba, aboridã, andiroba-aruba, andiroba-branca, andiroba-doigapó, andiroba-lisa, andiroba-saruda, andiroba-vermelha, andirobeira, andirova, carapa, iandiroba, nandirova, penaíba, purga-de-santo-antônio, purga-de-santoinácio.

General characters: Heartwood/sapwood distinct by color. Heartwood brownish. Without color alteration by photo-oxidation. Growth ring boundaries not clearly distinct, intermediate between

distinct and indistinct. Wood with brightness in the longitudinal surfaces. Imperceptible smell.

Moderately hard to the manual transversal cut. Grain straight. Texture medium. Figure absent.

Vessels/pores: Vessels present. Visible only by a 10x hand lens. Medium diameter (from 100 to 200µm).

Diffuse-porous. Medium frequency (from 6 to 30 vessels/2mm²). Vessel groupings: similar proportions of solitary vessels and radial multiples. With less than 4 vessels. In undefined pattern. Of circular to oval outline. Perforation plates observed with a 10x hand lens. Simple perforation. Vessels partially blocked. By blackish substance.

Axial parenchyma: Observed. To the naked eye. Banded. In marginal or seemingly marginal bands.

Rays: Observed. By the naked eye on transversal surface; or only with a 10x hand lens on the tangential surface. Little contrast on the radial surface. Fine (smaller than 100µm of width). Low (shorter than 1mm of height). Of little frequency (from 5 to 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 medium (0,50 - 0,72g/cm³).

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

Phytogeographic domain: Amazônia.

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: In spite of the marginal parenchyma being observed by the naked eye, it is not very noticeable.