

Tree factsheet

image at pages

Dicorynia guianensis Amshoff

Leo Goudzwaard

taxonomy	
author, year	Amshoff
synonym	
family	Caesalpiniaceae
Eng. Name	Basralocus
other names	Basralokus, Barakaloeballi (Surinam), Angelique (French Guiana); Tapiuana, Angelica do para (Brazil)
Dutch name	Basralocus
subspecies	-
varieties	-
hybrids	-
references	Forestry Compendium. CAB International. 2005. www.cabicompendium.org/fc
	Roggy, J.C., et al. Annals of Forest Science 62 (2005) 553-564. Links between tree structure and functional leaf traits in the tropical forest tree <i>Dicorynia guianensis</i>
	Sterck, F. 1997. Trees and light: tree development and morphology in relation to light availability in a tropical rain forest in French Guiana
	Sterck, F., T. Rijkers and F. Bongers. Effects of tree height and light availability on plant traits at different organization levels. In: Nouragues, Dynamics and plant-animal interactions in a neotropical rainforest. Kluwer Academic Publishers. 2001.
	Tropix. http://tropix.cirad.fr/index_gb.htm
	USDA Forest Service, Center for Wood Anatomy Research, Technology Transfer Fact Sheet, <i>Dicorynia guianensis</i>
morphology	little information found
crown habit	
max. height (m)	50
max. dbh (cm)	180
actual sizes –location, country -	
oldest tree –location-	
leaf length (cm)	
leaf petiole (cm)	
leaf colour upper surface	
leaf colour under surface	
leaves arrangement	
flowering	Dec.–Jan.
flowering plant	
flower	
flower diameter pollen cones (cm)	
inflorescence description, length	
pollination	bats
fruit description	
fruiting period	
fruit; length (cm)	
fruit petiole; length (cm)	
seed; length (cm)	
seed-wing length (cm)	
weight of 1000 seeds (kg)	

seeds ripen	
seed dispersal	
seed longevity	
dormancy	
habitat	little information found
natural distribution	Brazil, Surinam, French Guiana
introduced countries	
area natural habitat (ha)	
soil type	deep loamy soils
water	well drained, humid
pH-KCl	
soil fertility	
light	needs full sun when maturing
temperature	tropical
"optimum natural development"	lowland tropical rainforest; loamy floodplains
remarks	
management	
status natural range	common
status introduced range	
application	wood production, nature tree
propagation	seed
regeneration	natural regeneration
optimal gap size for regeneration	
resprouting after cutting	
growth rate	
diseases	
insects	
ecology	no information found
plant communities / associations	
associated trees	
wood	
trade name	Basralocus
wood structures key characteristics	
density heartwood (kg/m ³)	700-900 (at 12% moisture content)
elastic modulus (N/mm ²)	18350-21900
total above ground biomass	
fungi class durability heartwood	2; durable
heartwood colour	reddish brown-gray
sapwood colour	brownish white
contents	silica (0,2-2,9%)
products	heavy construction, high class furniture, stairs, flooring, parquet
market	
non-timber products	
flowers	
leaves	

inflorescence: www.nybg.org/botany/tlobova/hequet/plant_gallery.html#Dicorynia_guianensis