

Supplementary Material

Table S1. List of Large old trees, used part, forms of use and purpose of use reported.

Use Category	Plant Part	Form of Use	Purpose of Use
<i>Adansonia digitata</i> L.			
Food	Fruit	Use of the pulp for preparation of refreshing drinks	Human nutrition
		Tinted with pink dye Seeds are used as candy by children because of the tangy taste of the pulp	Human nutrition
	Leaves	Fresh or dried leaves, stabilized and powdered for sauce	Human nutrition
Medicine	Leaf	Triturate + honey, macerate for 7 days and drink a glass (3 times/day)	Strengthens male fertility.
	Bark	Drink a glass (twice a day) of the infusion	Treatment of malaria
Handicraft	Bark	Fibers processing	making traditional sponges
Cultural	Tree	Shelter of the cult of the divinity " Tôhwiyo"	Place of presentation and cultural baptism of newborns
		Tree marked by the presence of fetish temple	Place of cultural ceremony to ward off bad spells, setbacks related to adultery
	Timber	Decaying wood of old age used as fertilizer	Soil improvement
	Root	To be combined with other species to fight against evil spirits.	Spiritual protection
Conservation	Hollow	Nesting sites for birds	Nesting sites for rollers and parrots
	Branches	Nests	Eagles, vultures and storks nests
<i>Azelia africana</i> Smith ex Pers.			
Handicraft	Timber	Processing wood	Making household items such as boxes, bowls, spoons, mortars and masks
Food	Leaf	Eat as a vegetable	Human nutrition
	Flower	Eat as a condiment in sauces	Human nutrition

Medicine	Root	Powdered root	Applied externally to treat rheumatism
Antiaris toxicaria Engl.			
Food	Fruit	Eat	Human nutrition
Medicine	Bark, Leaf	Leaves and bark in decoction	Used as a febrifuge to treatFever
	Leaf	Leaves are used as an analgesic and vermifuge	Treat stomachache
Handicraft	Bark	Processing inner bark	Handicraft objects : Production coarse clothes, hammocks, sandals, hut walls, ropes, bags, mats and paper.
Cultural	Bark	Processing of latex of bark	Glue for birds
	Tree	Sometimes planted as a line tree	Agroforestry system
		Sacred tree for the followers of the deity "Toxôsu	Place of rituals to wash away the curse of Mentally retarded and their parents
		Tree surrounded by a white cloth	Place of ceremonies for requests and thanks by the followers to the deity
Blighia sapida K. D. Koenig			
Food	Fruit	Eat fresh fruit	Human nutrition
	Fruit	Added to sauces in dried and powdered form.	Human nutrition
	Leaf	Leaves steamed and used as a vegetable	Human nutrition
Medicine	Bark	Rubbing the body with ground bark and chilli pepper (Capsicum annuum L.)	Relieve migraines
	Bark and leaf	Decoction	Treatment of intercostal pain, dysentery and diarrhoea
	Fruit	Paste of fruit pulp	Externally application to cure panicitis
Handicraft	Timber	Charcoal production	Sale and household use
		Powder of capsules	Production of traditional soap

	Fruit	Ash from burnt capsules spread locally on crops to repel certain insect pests.	Insect repellent
Cultural		Tree marking space	Tree delimiting the royal palaces
<i>Rhodognaphalon brevicuspe</i> Sprague			
Handicraft	Timber	Used in carpentry	Production of veneers, plywood, crates, light furniture
Medicine	Root	Root powder paste	Treatment of rheumatism and dysentery
	Bark	Gargle of bark decoction	Treatment of sore throat and for healing wounds
<i>Borassus aethiopum</i> Mart.			
Food	Root	Eat hypocotyls	Human nutrition
Handicraft	Leaf	Dyed and woven leaves	Making hats, bags, fans and decorative pots
Medicine	Leaf	Decoction	Used as an anti-inflammatory to treat fever and pains
<i>Ceiba pentandra</i> L. Gaertn.			
Cultural	Thorn	Search for 16 thorns and keep them with you to protect you from evil spirits	Spiritual protection
	Tree	Sacred tree for the followers of the divinity "Dan"	Place of ritual to the deity to ask for protection, prosperity and wealth
		Tree marked by the presence of altar for the divinity	Gathering of offerings
Medicine	Leaf	Decoction of leaves	Reduce a high fever
Handicraft	Seed	Production of a plant fibre called kapok.	Used to stuff cushions, pillows, mattresses or waistcoats.
	Timber	Light wood processed as a source of lumber	Manufacture of plywood, crates, boxes and dugouts
<i>Cola gigantea</i> A. Chev.			
Medicine	Leaf	Maceration	Anti-inflammatory properties to soothe pain and anti-microbial against wound infection
Food	Seed	Eat	Human nutrition

<i>Ficus umbellata</i> Vahl			
Food	Leaf	Leaves used in rabbit feed	Animal feed
Medicine	Leaf	External application of the crushed leaves	Treatment of lower back pain
<i>Irvingia gabonensis</i> Baill			
Food	Fruit	Eat edible fresh fruit	Human nutrition
		Seeds ground or crushed and used as a thickening and flavouring agent in soups and stews.	Human nutrition
Medicine	Fruit	Eat fresh fruit	Weight loss, cholesterol reduction
			Treatment of diabetes.
	Bark	Decoction	Pain Relief
<i>Lecaniodiscus cupanioïdes</i> Planch.			
Medicine	Bark	Powdered and burned bark	Treatment of headaches and sinusitis
	Leaf and fruit	Decoction of leaves and fruits	Antibacterial, rubefacient and anthelmintic
<i>Milicia excelsa</i> (Welw.) C.C.Berg			
Cultural	Sap	Put on the middle of head of babies	Close the babies' Fontanelle
	Tree	Sacred tree for the followers of the Oro cult	Used to mark the traditional nunneries
Medicine	Root	A root decoction	To treat female sterility
	Leaf	Drink the decoction	Treatment of the spleen
	Root and bark	A decoction of the root and stem bark	As an aphrodisiac
	Bark	Externally application of latex	Treat burns, wounds, sores and against eczema and other skin problems

	Leaf	Decoction of leaves	Used as galactagogue
<i>Parkia biglobosa</i> (Jacq.) R.Br.			
Food	Fruit	Mustard obtained from seeds to season sauces	Human nutrition
Medicine	Bark	Externally application of boiled bark	Treatment of infections, wounds and fever
<i>Triplochiton scleroxylon</i> K.Schum.			
Cultural	Trees	Wrapped in a white cloth	Used to prepare for the release of the divinity Oro
	Bark	Decoction	Treatment of visual acuity
Food	Leaf	Used as a cooked vegetable or sauce	Human nutrition