Pterocarpus angolensis   *Papilionoideae*

Indigenous

Common names:	Eng: African teak, bloodwood; Fipa: asaninga; Gogo: mpagata; Ha: mninga; Lugu: mhagata, mlambadanda; Mwera: mtumbati, mtumbati jangwa; Nyam: mninga: Subi: mninga; Swah: mninga; Zara: mninga, mtumbati; Zigua: muhagata.
Ecology:	One of the most useful and valuable of African timber trees, widespread in woodland and wooded grassland throughout central and southern Africa. In Tanzania it is widespread in Kilwa, Lindi, Morogoro and Tabora, preferring well-drained soils.
Uses:	Firewood, charcoal, timber (construction, quality furniture), tool handles, carving, poles, medicine (bark, roots, flowers, sap, seed), fodder (shoots, leaves), bee forage, ornamental, nitrogen fixation, soil conservation, boats and canoes.
Description:	A medium-sized to large deciduous tree, up to 20 m with a straight bole and an open crown. BARK: dark grey to brown, rough and longitudinally fissured. LEAVES: the tree remains bare for many months. Leaves compound 5-9 pairs of leaflets plus a central leaflet, thin and oval to 7 cm, the short stalks hairy, base rounded, tip pointed. FLOWERS: orange-yellow, pea-shaped, in large, branched sprays, 10-20 cm long, before the new leaves. FRUIT: very distinctive, round pod, densely covered with stiff brown hairs. The pod contains 1 seed and has a papery wavy wing, up to 3 cm wide. It does not split open.
Propagation:	Seedlings, truncheons (large woody cuttings).
Seed info.:	No. of seeds per kg: 3,400-5,000. Germination is usually 30-70%.
treatment:	not necessary.
storage:	seed can be stored.
Management:	Pruning, coppicing.
Remarks:	This is one of the most well known woods in southern tropical Africa. It is very fire resistant. The durable heartwood is a beautiful golden red-brown, easily worked and takes a high polish. The sapwood is susceptible to insect damage. As a nitrogen-fixing tree the leaves have been found to contain 50% more nitrogen than those of *Julbernardia globiflora,* which has no nodules, growing alongside.

Pterocarpus angolensis   *Papilionoideae*