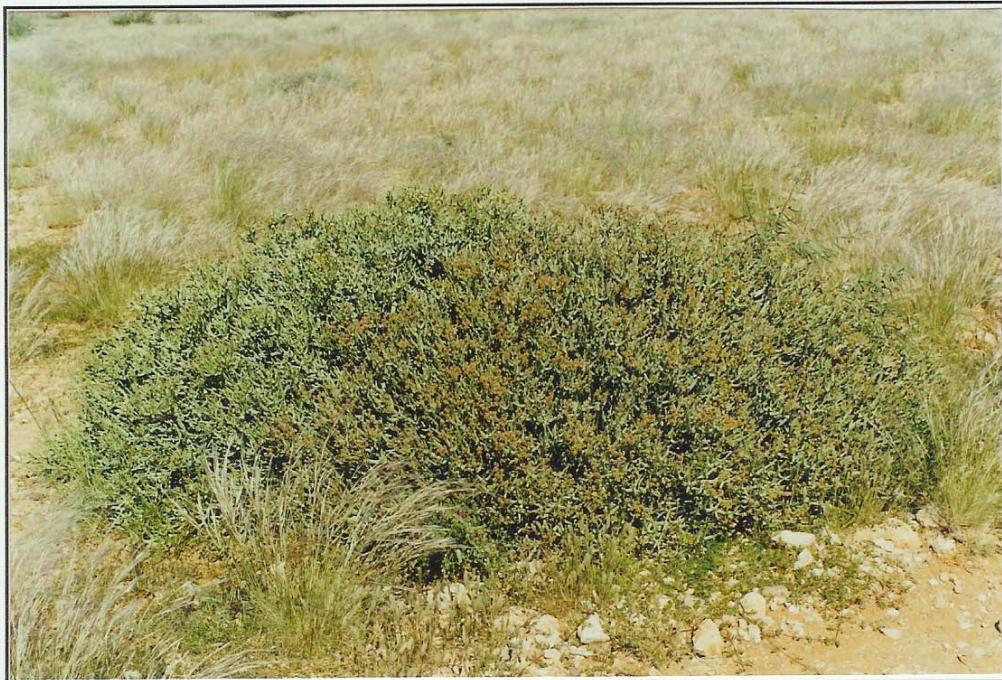


Euphorbia lignosa

Family: Euphorbiaceae



Collection Number:

Description: A medium to small perennial succulent. The stem is bulbous and probably acts as a storage organ. The shrub is densely branched, branches growing at all angles from the central stem. Branches divide repeatedly and often end in a dried up "spine". Stem and branches are pale green, smooth and slightly waxy in texture. If punctured they exude copious amounts of sticky, milky latex.

For most of the time leaves are absent and the green stem and branches take over the photosynthesising function. When leaves are present, they are very small and scale-like. They are linear/elliptical in shape with margins entire. Leaves and branches may, on some plants, be tinged with red.

The flower is a succulent cyathium, typical of the family Euphorbiaceae. It is generally a bright, light green, but may also on some plants be coloured with red. The fruit matures to a red dehiscing capsule.

The tap root is relatively long.

Habitat: *Euphorbia lignosa* is common in localised areas. It grows on the lower slopes of Jagkop, where it is particularly abundant, and amongst the lower dunes of Wolwedans, in both areas calcrete is present. It grows in full sun.

General information: *Euphorbia lignosa* is a protected species and is classified on Appendix II of CITES.





ID. March '99, Barbara

NBRI - Collection Data Form

Collectors No. Atlasser code CLA 2

Date 13. 01. 99

Collector's Louise CLAPHAM

GPS

S

Locality (please describe properly, not just grid/gps) Farm Jagkop,
Namibrand Nature reserve. East side of Jagkop mt.

E

Aspect E. facing slope

Exposure Full sun

Grid

Altitude 1030m

Voucher for

Photo no's

DESCRIPTION OF PLANT

Please give as much information as possible

Species *Euphorbia Lignosa*

Perennial/A~~annual~~

Habit (e.g. dwarf shrub) Dwarf shrub

Height cm Occurrence (eg common)

Common, localised

Flower/Inflorescence (colour, shape, size, smell, texture) pale green, in 5 parts,
small - see pressed specimen.

Leaves (simple/compound, margin, shape, colour, texture, stipules) None

Stems and bark (colour, texture, habit - eg. erect stem with yellow peeling papery bark, presence or absence and smell of sap or latex - eg. milky latex with unpleasant smell). Green, smooth, succulent. Branches all coming out of central, bulbous base. Copious milky latex, v. fluid, v. sticky - smell not strong or unpleasantly.

Fruits and seed (presence/absence, shape, colour, edibility and taste if edible, single or clustered naturally). Fruit round, reddish, single, on the end of stalks.

Roots/underground organs (shape, texture, colour, size) roots - relatively long
tap root system

Other (e.g. uses, ecology)

indigenous names and languages

Habitat		Substrate	Soil type	Moisture	Biotic effect
clif face	riverbank/ streambank	soil	sand <input checked="" type="checkbox"/>	tidal	road/railside
mountain/hill peak	seepage area	stony/rocky soil <input checked="" type="checkbox"/>	sandy loam	well-drained <input checked="" type="checkbox"/>	cultivated land
mountain/hill slope <input checked="" type="checkbox"/>	waterfall/ rapids	gravel	loam	seasonally waterlogged	abandoned land
ravine/kloof/ gorge	littoral	termite mound	humus- rich	permanently waterlogged	heavily grazed
talus/scree	unknown	bare rock	loamy clay	moist/damp	garden
dune slope		water	clay	freestanding water	plantation
 crest	Vegetation	roots	calcrete <input checked="" type="checkbox"/>	running water	recently burnt
interdunal street	desert <input checked="" type="checkbox"/>	other	black tur.	mist/fog	disturbed - other
ridge	shrubland open/closed		salt/brack		other
rocky outcrop <input checked="" type="checkbox"/>	woodland open/closed		gravel		
plain	thornbush savanna		dolomite		
plateau	forest		granite <input checked="" type="checkbox"/>		
valley	grassland		lime		
donga/ditch/gully	karoo		mica schist		
depression/ pan			quartzite		
dam			other		
dry bed of river/stream <input checked="" type="checkbox"/>					
floodplain					
estuary/lagoon					
 sh/swamp/ land					
river/stream					

FOR HERBARIUM USE ONLY

ID

Det. By

Date

Accession

flowering code		fruiting code	voucher	duplicates
	mature		genobank	
	immature		ethnobotany	
	remains			
	absent			