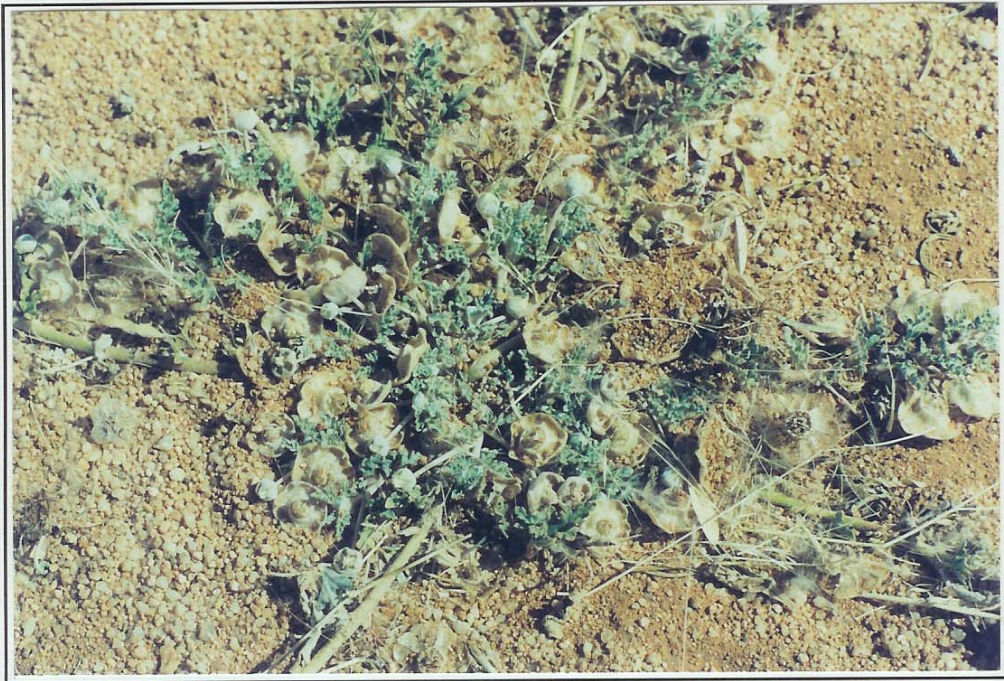


# *Grielum sinuatum*

**Family:** Rosaceae (Neuradaceae)



**Collection Number:** 105

**Description:** A prostrate annual herb. Leaves are lobed, divided into broad segments and simple. They are very soft, covered in fine, white wool. Stems radiate from a single taproot, they are pale green and slightly pinkish. Flowers are pale lemon yellow, the 5 petals form a cup shape.

The flower is single and carried on a long pedicel. The calyx is woolly - covered in fine, white hairs. The fruit is very distinctive, it forms a disc with the calyx forming five joined wings. These are pale green with a pinkish tinge, obvious veining and are also woolly.

**Habitat:** *Grielum sinuatum* has to date only been found in dry river and stream beds on the reserve, in coarse sand, and growing in full sun. It occurs in Namibia and the Northern Cape (Richtersveld).

**Other notes:** The plant is uncommon on the reserve. In some publications it is classified under the family Rosaceae, but may also be classified in family Neuradaceae.



## WOLWEDANS HERBARIUM (NRNR)

**NAME:** *Grielum sinuatum*

**Collection No:** 105

**Date:** 22/07/01

**Collector:** Louise Clapham

**Grid ref.:** 2416 Cc

**Locality:** Keerweder / Draihhoek border, near Sociable weavers' nest.

**Habitat:** Dry bed of a stream, open shrubland, in coarse sand.

**Plant features:** Annual prostrate creeper. Single, lobed leaves. Very soft, covered in fine white wool. Flower cup-shaped, lemon-yellow, 5 petals. Fruit a characteristic disc shape.

INBRI - Collection Data Form

Collectors No. 105 Date 25.07.2001  
 Collector/s Louise Clapham GPS \_\_\_\_\_ S  
 Locality (please describe properly, not just grid/gps) Keewee / E  
Diaghak border. No. scribble weaver's nest. Grid 2416 Cc  
 Altitude \_\_\_\_\_  
 Aspect \_\_\_\_\_ Slope level Exposure full sun Photo no's \_\_\_\_\_  
 Voucher for \_\_\_\_\_

DESCRIPTION OF PLANT Please give as much information as possible

Species Crotalum humifusum sinuatum Perennial/Annual

Habit (eg: dwarf shrub) Prostrate creeper

Height \_\_\_\_\_ cm Occurrence (eg: common) Uncommon - several in small area

Flower/Inflorescence (colour, shape, size, smell, texture) Small flowers, pale lemon yellow in a cup shape. 5 petals. Calyx covered in fine white hairs - woolly. Flower single, on a long peduncle.

Leaves (simple/compound, margin, shape, colour, texture, stipules) Single, ~~lobed~~, lobed/pinnatifid. Very soft, covered in fine white wool. Attenuate

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) Stems

radiating from a single roset, prostrate. Pale green + slightly pinkish.

Fruits and seed (presence/absence, shape, colour, edibility and taste if edible, single or clustered, maturity) Fruit a disc. Calyx forming wings (5) joined together. Pale green with obvious veining. Pinkish tinge, woolly.

Roots/Underground organs (shape, texture, colour, size) \_\_\_\_\_

Other (eg: uses, ecology) \_\_\_\_\_

Indigenous names and languages \_\_\_\_\_

Habitat		Substrate	Soil type	Moisture	Biotic effect
cliff face	riverbank/ streambank	soil ✓	sand ✓ رمل		road/railside
mountain/hill peak	seepage area	stony/rocky soil	sandy loam	well-drained ✓	cultivated land
mountain/hill slope	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
dune crest	Vegetation	roots	calcrete	running water	recently burnt
interdunal street	desert ✓	other	black turf	mist/fog	disturbed - other
ridge	shrubland ✓ open/closed		salt/brack		other
rocky outcrop	woodland open/closed		gravel		
plain	thombush savanna		dolomite		
plateau	forest		granite		
valley	grassland		lime		
donga/ditch/gulley	karoo		mica schist		
depression/ pan			quartzite		
dam			other		
dry bed of river/stream ✓					
floodplain					
estuary/lagoon					
marsh/swamp/ wetland					
river/stream					

FOR HERBARIUM USE ONLY

D.....

Det. By..... date..... Accession.....

flowering code		fruiting code	voucher		duplicates
	mature		genebank		
	immature		ethnobotanic		
	remains				
	absent				