

# *Oxalis purpurata* Sorrel



Decoding  
South Africa's  
Biodiversity



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## Phylum: Tracheophyta

Estimated genome size:

768M Million DNA base pairs (0,77 Giga bases)

Organism size:

25 cm

## Distribution:

Escarpment near Nieuwoudtville, Northern Cape.

## Importance:

This species is a close relative of the highly invasive weed, *Oxalis pes-caprae*, but has a naturally small distribution range. The genomes of these two species may give us insights into the evolution of invasiveness. The species is Redlisted as Rare.

## PromethION Sequencing Report:

Output: 99.05 Gigabases

Approximate N50: 5.6 kilobases

## Draft Genome Assembly Statistics:

Genome length: 262.93 Mb

BUSCO completeness score (single and duplicated genes): 99.2%

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