

# *Oxalis natans* Water Sorrel



Decoding  
South Africa's  
Biodiversity



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## **Phylum: Tracheophyta**

Estimated genome size:

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

Organism size:

5-30cm

## **Distribution:**

Cape Flats to Wellington, with outlying populations near Bredasdorp, Western Cape.

## **Importance:**

This highly threatened species is one of the true aquatic species in *Oxalis*, but much of its original habitat has been lost to urbanisation. Interestingly, it is completely unrelated to the other aquatic species - the genome of this species may offer insights into its conservation, and also into the convergent evolution of an aquatic habit in South African *Oxalis*. It is Redlisted as Critically Rare.

## **PromethION Sequencing Report:**

Output: 95 Gigabases

Approximate N50: 5.61 kilobases

## **Draft Genome Assembly Statistics:**

Genome length: 432.36 Mb

BUSCO completeness score (single and duplicated genes): 99.6%

## **Sample Contributor contact details**

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