

Brabejum stellatifolium Wild Almond



Decoding
South Africa's
Biodiversity



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Phylum: Tracheophyta

Estimated genome size:

1 120 million DNA base pairs (1.12 Gigabases)

Organism size:

5-15 m

Distribution:

The Wild Almond / Wilde Amandel is confined to the fynbos biome in mountain regions such as Gifberg, Klein Rivier, Riviersonderend Mountains and the eastern side of Table Mountain.

Importance:

The fresh fruits are poisonous but can be used as a coffee substitute if processed correctly, which involves leaching out the poison – a skill learned from the Khoi.

PromethION Sequencing Report:

Output: 41.27 Gigabases

Approximate N50: 20.1 kilobases

Draft Genome Assembly Statistics:

Genome length: 0.85 Gigabases

BUSCO completeness score (single and duplicated genes): 99.1%

Sample Contributor contact details

Ernst Van Jaarsveld,

University of Western Cape | Babylonstoren

Ernst@babylonstoren.com