

Royenia austro-africana Kritikom



Decoding
South Africa's
Biodiversity



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Phylum: Tracheophyta

Estimated genome size:
1.17 Billion bases DNA base pairs
Organism size:
3 m

Distribution:

Kritikom occurs from southern Namibia along the west coast towards the Clanwilliam, Calvinia, and Namaqualand districts of the Cape and inland to the Graaff-Reinet district in the central Karoo.

Importance:

The fruits are edible, and the wood is used to make fire. The flowers attract insects, and Southern Boubou, flycatchers, white-eyes, robins and thrushes eat them. This shrub has good potential as a bonsai.

PromethION Sequencing Report:

Output: 141.2 Gigabases
Approximate N50: 11.89 kilobases

Draft Genome Assembly Statistics:

Genome length: 793.76 Mb
BUSCO completeness score (single and duplicated genes): 96.5%

Sample Contributor contact details

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