

Plants

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Taxonomy

Scientific Name **Bulbine ophiophylla G.Will.**

Higher Classification Monocotyledons

Family ASPHODELACEAE

National Status

Status and Criteria **Endangered B1ab(iii,v)+2ab(iii,v)**

Assessment Date 2015/05/10

Assessor(s) P.C.V. Van Wyk & D. Raimondo

Justification A range-restricted species (national EOO 198 km²), known from two locations in South Africa and declining due to ongoing habitat loss and degradation. It also has limited distribution range within mining areas in Namibia, and therefore the national status is not adjusted, following IUCN regional assessment procedures.

Distribution

Endemism Not endemic to South Africa

Provincial distribution Northern Cape

Range Oranjemund to Port Nolloth.

Habitat and Ecology

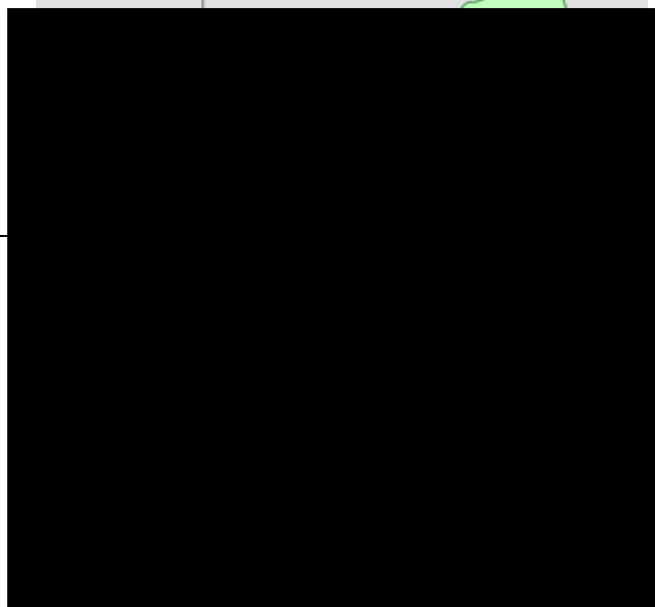
Major system Terrestrial

Major habitats Richtersveld Coastal
Duneveld, Western Gariiep
Lowland Desert, Western
Gariiep Plains Desert

Description Sandy areas on south-western and eastern slopes of rocky outcrops and hills, within the high Atlantic fog zone close to the coast.

Threats

This species is threatened by habitat loss to mining, with most of its distribution range falling within coastal mining areas. Mining



also impacts surrounding areas outside mining sites, due to dust blowing from exposed mine dumps, burying many dwarf species such as this one. Overgrazing is also a severe, ongoing threat, particularly around Alexander Bay, where stocking rates have increased tenfold since 2006.

Population

The species is currently known from a few disjunct localities along the west coast of South Africa and Namibia, but it is likely to be continuous in these coastal areas. It is highly likely to be under-sampled due to access restrictions to mining areas. Its entire range is however threatened by mining activities.

Population trend Decreasing

Assessment History

Taxon	Status and assessed Criteria	Citation/Red List version
Bulbine ophiophylla G. Will.	EN	2015.1
Bulbine ophiophylla G. Will.	Least Concern	Raimondo et al. (2009)

Bibliography

Raimondo, D., von Staden, L., Foden, W., Victor, J.E., Helme, N.A., Turner, R.C., Kamundi, D.A. and Manyama, P.A. 2009. Red List of South African Plants. *Strelitzia* 25. South African National Biodiversity Institute, Pretoria.

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Citation

Van Wyk, P.C.V. & Raimondo, D. 2015. Bulbine ophiophylla G. Will. National Assessment: Red List of South African Plants version 2020.1. Accessed on 2021/11/08

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