

African Plants

[Red List statistics methodology](#)

[Summary of recent changes Glossary](#)
[Guidelines for EIAs](#)

[National Red List categories](#)

[Assessment](#)

Browse

[Home](#) >> [Genera: C](#) >> [Genus: Conophytum](#)

- [Genera: A](#)
- [Genera: B](#)
- [Genera: C](#)
- [Genera: D](#)
- [Genera: E](#)
- [Genera: F](#)
- [Genera: G](#)
- [Genera: H](#)
- [Genera: I](#)
- [Genera: J](#)
- [Genera: K](#)
- [Genera: L](#)
- [Genera: M](#)
- [Genera: N](#)
- [Genera: O](#)
- [Genera: P](#)
- [Genera: Q](#)
- [Genera: R](#)
- [Genera: S](#)
- [Genera: T](#)
- [Genera: U](#)
- [Genera: V](#)
- [Genera: W](#)
- [Genera: X](#)
- [Genera: Y](#)
- [Genera: Z](#)

Taxonomy

Scientific Name	Conophytum mirabile A.R.Mitch. & S.A.Hammer
Higher Classification	Dicotyledons
Family	AIZOACEAE

National Status

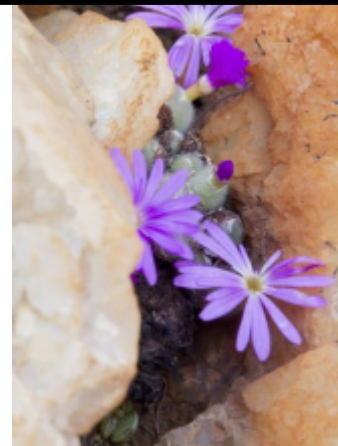
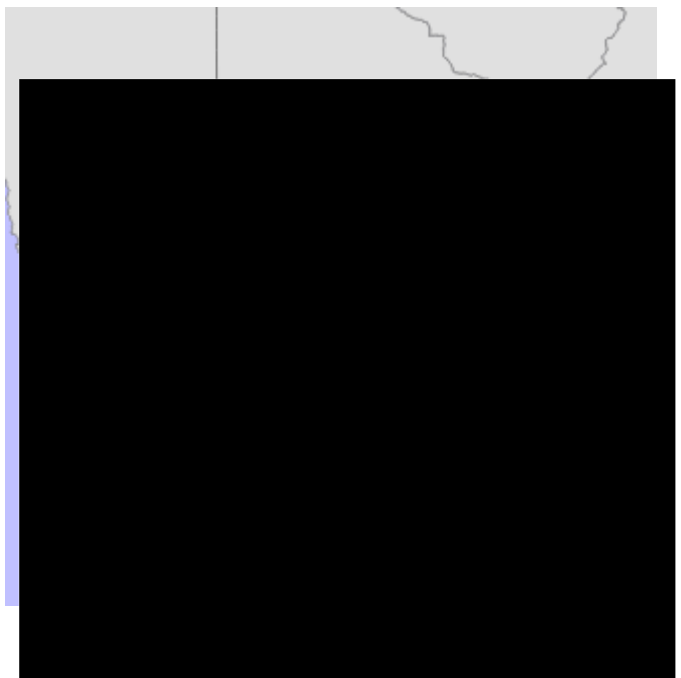
Status and Criteria	Vulnerable D2
Assessment Date	2020/02/08
Assessor(s)	A.J. Young, S.A. Hammer & D. Raimondo
Justification	A range-restricted species known from a single site occurring in an area less than 1 km ² . It has an extent of occurrence (EOO) and area of occupancy (AOO) in accordance with the IUCN Red List Guidelines of 4 km ² . The one location is potentially threatened by illegal succulent collecting.

Distribution

Endemism	South African endemic
Provincial distribution	Northern Cape
Range	Namaqualand near Concordia, Northern Cape, South Africa.

Habitat and Ecology

Major system	Terrestrial
Major	Succulent Karoo



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habitats

Description Cracks and crevices on quartz slopes.

Threats

This species occurs in a remote area that are difficult to access, reducing the potential threat that might arise from illegal succulent collecting. Since its discovery it has also been established in cultivation, however it is highly sought after by collectors and therefore illegal collection is a potential threat, especially in light of the recent increase in demand for Conophytums coming from Asian countries.

Population

This species is highly localized (EOO and AOO <1 km²), but it is locally abundant, with the population numbering several thousand individuals.

Population trend Stable

Assessment History

Taxon assessed	Status and Criteria	Citation/Red List version
Conophytum mirabile A.R.Mitch. & S.A.Hammer	Critically Rare	Raimondo et al. (2009)

Bibliography

Hammer, S. 2002. Dumpling and his wife: New view of the genus Conophytum. EAE Creative Colour, Norwich.

Hartmann, H.E.K. 2002. Illustrated handbook of succulent plants: Aizoaceae A-E. Springer, Berlin.

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.

Snijman, D.A. 2013. Plants of the Greater Cape Floristic Region 2: The extra Cape flora. Strelitzia 30. South African National Biodiversity Institute, Pretoria.

Citation

Young, A.J., Hammer, S.A. &
Raimondo, D. 2020. *Conophytum
mirabile* A.R.Mitch. & S.A.Hammer.
National Assessment: Red List of
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2020.1. Accessed on 2021/09/21

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