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Taxonomy

Scientific Name	Conophytum caroli Lavis
Higher Classification	Dicotyledons
Family	AIZOACEAE
Synonyms	Conophytum singulare G.D.Rowley, Ophthalmophyllum australe L.Bolus, Ophthalmophyllum caroli (Lavis) Tischer

National Status

Status and Criteria	Vulnerable D1+2
Assessment Date	2015/06/10
Assessor(s)	A.J. Young
Justification	A range-restricted species (EOO <200 km ²) currently known from three subpopulations, one of which is potentially threatened by habitat loss and degradation due to road construction and maintenance. The population is estimated to number fewer than 1000 mature individuals, but is not currently declining.

Distribution

Endemism	South African endemic
Provincial distribution	Northern Cape, Western Cape
Range	Kliprand near Loeriesfontein.

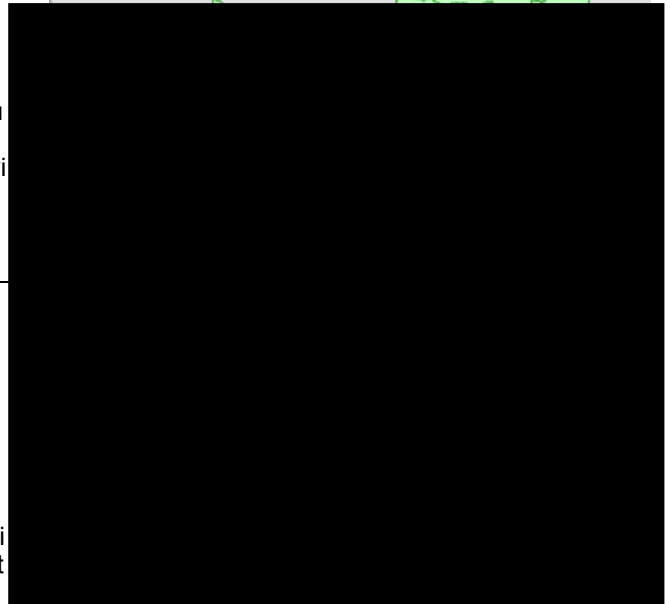
Habitat and Ecology

Major system	Terrestrial
Major habitats	Platbakkies Succulent Shrubland, Namaqualand Blomveld
Description	Calcrete outcrops in succulent karoo.

Threats

One small subpopulation is potentially threatened by road maintenance or construction - it is extremely localized to a calcrete outcrop adjacent to an existing road. It is not known whether plants have already been lost.

Population



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Two disjunct subpopulations consist of 50-100 individuals each, and a third subpopulation is much larger, consisting of about 500 mature individuals. This species is localized to calcrete outcrops, and its habitat still remains relatively poorly explored. It is possibly more widespread and common than currently known.

Population trend Stable

Assessment History

Taxon assessed	Status and Criteria	Citation/Red List version
Conophytum caroli Lavis	VU D1+2	2017.1
Conophytum caroli Lavis	Rare	Raimondo et al. (2009)
Conophytum caroli Lavis	Not Threatened	Hilton-Taylor (1996)
Ophthalmophyllum australe L.Bolus	Indeterminate	Hall et al. (1980)

Bibliography

Bolus, H.M.L. 1928-1935. Notes on Mesembrianthemum and allied genera. Part II. Bolus Herbarium, University of Cape Town, Cape Town.

Hall, A.V., De Winter, M., De Winter, B. and Van Oosterhout, S.A.M. 1980. Threatened plants of southern Africa. South African National Scientific Programmes Report 45. CSIR, Pretoria.

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

Hammer, S.A. 1993. The genus Conophytum: A conograph. Succulent Plant Publications, Pretoria.

Hilton-Taylor, C. 1996. Red data list of southern African plants. Strelitzia 4. South African National Botanical Institute, Pretoria.

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

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