

African Plants

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Taxonomy

Scientific Name	Conophytum concavum L.Bolus
Higher Classification	Dicotyledons
Family	AIZOACEAE

National Status

Status and Criteria	Vulnerable B1ab(v)+2ab(v)
Assessment Date	2020/02/11
Assessor(s)	A.J. Young & D. Raimondo

Justification A range-restricted species with an extent of occurrence (EOO) of 54 km² and an area of occupancy (AOO) of 24km². Six threat based locations are declining as a result of illegal collecting for the specialist succulent horticultural trade.

Distribution

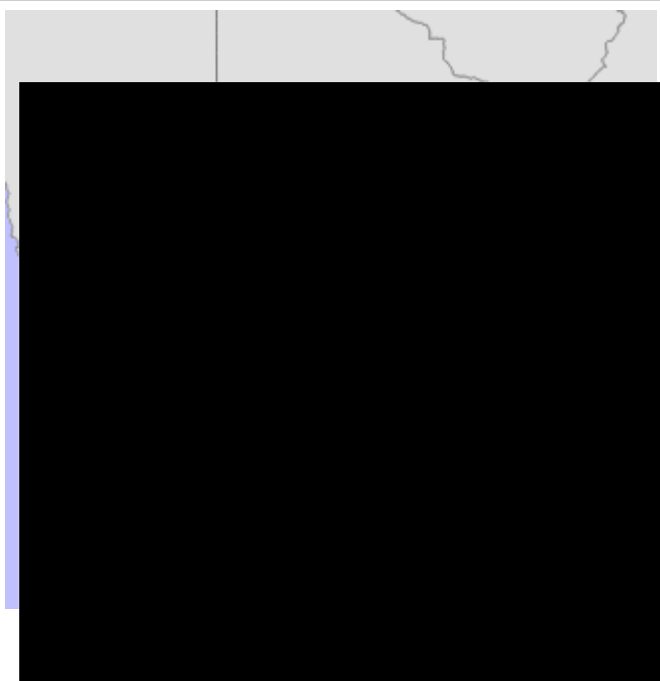
Endemism	South African endemic
Provincial distribution	Northern Cape
Range	Namaqualand, near Soebatsfontein.

Habitat and Ecology

Major system	Terrestrial
Major habitats	Succulent Karoo
Description	Saline quartz flats.

Threats

This range-restricted species has



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recently subject to illegal collection, and there has been a recent significant increase in illegal collecting linked with a surge in demand for these plants facilitated by online platforms such as eBay.

Population

This species is locally abundant in suitable habitat, with subpopulations consisting of more than 1000 individuals. The population is currently declining due to illegal collecting.

Population trend Decreasing

Assessment History

Taxon assessed	Status and Criteria	Citation/Red List version
Conophytum concavum L.Bolus	Rare	Raimondo et al. (2009)
Conophytum concavum L.Bolus	Lower Risk - Least Concern	Victor (2002)
Conophytum concavum L.Bolus	Rare	Hilton-Taylor (1996)

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Citation

Young, A.J. & Raimondo, D. 2020.
Conophytum concavum L.Bolus.
National Assessment: Red List of
South African Plants version
2020.1. Accessed on 2021/09/21

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