

## 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](#)

## Conophytum danielii

### Taxonomy

<b>Scientific Name</b>	<b>Conophytum danielii</b> <b>Pavelka</b>
<b>Higher Classification</b>	Dicotyledons
<b>Family</b>	AIZOACEAE
<b>Synonyms</b>	Conophytum jarmilae Halda

### National Status

<b>Status and Criteria</b>	<b>Critically Endangered</b> <b>B1ab(v)+2ab(v)</b>
<b>Assessment Date</b>	2020/02/11
<b>Assessor(s)</b>	A.J. Young & D. Raimondo
<b>Justification</b>	A highly range-restricted species that occurs in an area of 0.01 km <sup>2</sup> , it has an extent of occurrence (EOO) and an area of occupancy (AOO) of 4 km <sup>2</sup> . The only known population is currently declining as a result of illegal succulent collecting.

### Distribution

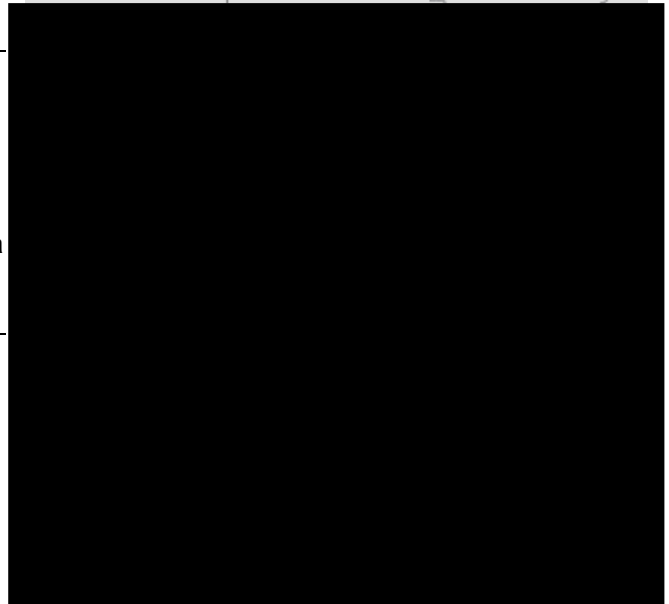
<b>Endemism</b>	South African endemic
<b>Provincial distribution</b>	Northern Cape
<b>Range</b>	Namaqualand, near Platbakkies, in the Northern Cape Province of South Africa.

### Habitat and Ecology

<b>Major system</b>	Terrestrial
<b>Major habitats</b>	Platbakkies Succulent Shrubland
<b>Description</b>	Shaded west-facing cliff faces, occurring on dark rocks of unknown geology, possibly containing iron.

### Threats

This rare species is threatened by illegal succulent collection. The combination of a single site for the small population and the



© A.J. Young

Search for images of *Conophytum danielii* on [iNaturalist](#)

ongoing and growing demand for mature plants means loss is ongoing and if current trends continue this species is at high risk of extinction. There is also increasing mining pressure across Namaqualand, and the unusual substrate on which this species occurs may be targeted for mining.

## Population

---

This species is extremely rare, and is currently known from a single, small population of about 300 mature individuals. It occupies a unique geological formation, and is likely to be a localized habitat specialist. Surveys by several botanists of immediate area have so far failed to yield any additional subpopulations.

**Population trend** Decreasing

## Assessment History

---

Taxon assessed	Status and Criteria	Citation/Red List version
Conophytum danielii Pavelka	VU D1+2	2017.1
Conophytum jarmilae Halda	Data Deficient (Taxonomically Problematic)	Raimondo et al. (2009)

## Bibliography

---

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

Pavelka, P. 1999. Rod Conophytum N.E. Brown: vybrane druhy. Kaktusy 35(Speciál 1):1-31.

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. & Raimondo, D. 2020. Conophytum danielii Pavelka. National Assessment: Red List of South African Plants version 2020.1. Accessed on 2021/09/23

 [Comment on this assessment](#)

(c) South African National Biodiversity Institute (**SANBI**) 2010-12.