

Plants

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Taxonomy

Scientific Name	Conophytum swanepoelianum Rawé subsp. rubrolineatum (Rawé) S.A.Hammer
Higher Classification	Dicotyledons
Family	AIZOACEAE
Synonyms	Conophytum rubrolineatum Rawé

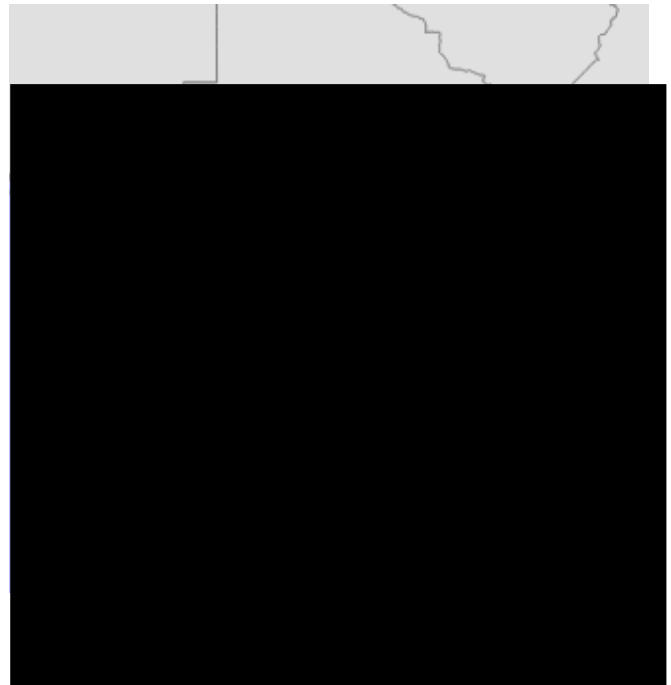
National Status

Status and Criteria	Vulnerable B1ab(v)+2ab(v)
Assessment Date	2020/02/05
Assessor(s)	A.J. Young & D. Raimondo
Justification	A taxon endemic to the south Bokkeveld Escarpment in South Africa, it has an extent of occurrence (EOO) of 275 km ² and an area of occupancy (AOO) of 44 km ² . It is known from between eight and ten locations and is experiencing ongoing loss of mature individuals as a result of the illegal specialist succulent horticultural trade. It therefore qualifies as Vulnerable under criterion B.

Distribution

Endemism	South African endemic
Provincial distribution	Northern Cape, Western Cape
Range	Koebeeberg, southern Bokkeveld Escarpment.

Habitat and Ecology



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Major system	Terrestrial
Major habitats	Fynbos, Succulent Karoo
Description	Shallow soils in fine grit pans on sandstone rock pavements.

Threats

This taxon is highly sought after by collectors in recent years and some subpopulations are declining due to illegal collection. While, large sections of sandstone fynbos on the Bokkeveld Escarpment have been ploughed for rooibos tea cultivation. This taxon's specific microhabitat is however unsuited to cultivation, so illegal collecting remains the key threat to this species.

Population

This taxon has a restricted range, but is locally abundant. The population consists of at least 5000 mature individuals but is declining due to illegal collecting.

Population trend Decreasing

Assessment History

Taxon assessed	Status and Criteria	Citation/Red List version
Conophytum swanepoelianum Rawé subsp. rubrolineatum (Rawé) S.A.Hammer	Rare	2017.1
Conophytum swanepoelianum Rawé subsp. rubrolineatum (Rawé) S.A.Hammer	Least Concern	Raimondo et al. (2009)

Bibliography

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

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.

Citation

Young, A.J. & Raimondo, D. 2020. Conophytum swanepoelianum Rawé

subsp. rubrolineatum (Rawé)
S.A.Hammer. National Assessment:
Red List of South African Plants
version 2020.1. Accessed on
2021/09/21

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