

## Plants

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### Taxonomy

**Scientific Name** **Strumaria barbarae Oberm.**

**Higher Classification** Monocotyledons

**Family** AMARYLLIDACEAE

### National Status

**Status and Criteria** **Critically Endangered B1ab(iii,v)+2ab(iii,v)**

**Assessment Date** 2015/05/01

**Assessor(s)** D.A. Snijman, P.C.V. Van Wyk & D. Raimondo

**Justification** Known from one location in South Africa (EOO <10 km<sup>2</sup>), where it is declining due to overgrazing.

### Distribution

**Endemism** Not endemic to South Africa

**Provincial distribution** Northern Cape

**Range** Southern Namibia to the northern Richtersveld.

### Habitat and Ecology

**Major system** Terrestrial

**Major habitats** Richtersberg Mountain Desert, Noms Mountain Desert

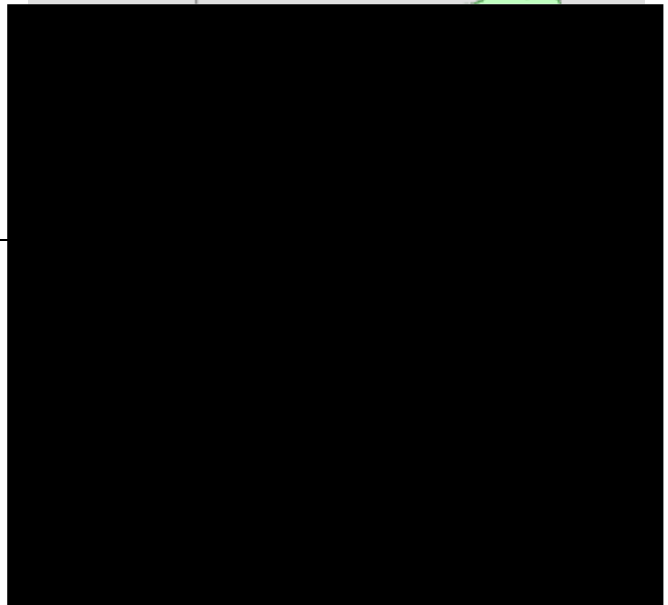
**Description** Exposed limestone screes and rock ledges.

### Threats

The only known location in South Africa is degraded due to overgrazing. Stocking levels increased dramatically after successful land claims in 2000, resulting in a loss of shrub cover, species diversity, as well as erosion due to trampling.

### Population

This species is extremely rare. It is known from about two to four subpopulations in Namibia (Loots 2005) and one in South Africa, where it was last seen in 1977. Subpopulations are small and isolated, and



this species has extremely limited dispersal ability (D. Snijman pers. comm. 2015), and dispersal between Namibia and South Africa is not possible. Surveys are needed to confirm the persistence of this species in South Africa, as it may be regionally extinct.

**Population trend** Decreasing

### Assessment History

Taxon	Status and assessed Criteria	Citation/Red List version
Strumaria barbarae Oberm.	<b>CR</b> B1ab(iii,v)+2ab(iii,v)	2015.1
Strumaria barbarae Oberm.	<b>Rare</b>	Raimondo et al. (2009)
Strumaria barbarae Oberm.	<b>Lower Risk - Least Concern</b>	Victor (2002)
Strumaria barbarae Oberm.	<b>Rare</b>	Hilton-Taylor (1996)

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Loots, S. 2005. Red Data Book of Namibian plants. Southern African Botanical Diversity Network Report 38. SABONET, Pretoria and Windhoek.

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Obermeyer, A.A. 1981. A new species of *Strumaria*. *Bothalia* 13(3&4):435.

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.

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Victor, J.E. 2002. South Africa. In: J.S. Golding (ed), Southern African plant Red Data Lists. Southern African Botanical Diversity Network Report 14 (pp. 93-120), SABONET, Pretoria.

## Citation

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