

[Red List statistics methodology](#)

[Summary of recent changes Glossary](#)

[National Red List categories](#)

[Assessment](#)

## Browse

- [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](#)

[Home](#) >> [Genera: M](#) >> [Genus: Moraea](#)

## Taxonomy

**Scientific Name** **Moraea longiaristata**  
**Goldblatt**

**Higher Classification**  
**Family** Monocotyledons  
IRIDACEAE

## National Status

**Status and Criteria** **Critically Endangered**  
**B1ab(iii,v)+2ab(iii,v); C2a(i)**

**Assessment Date** 2007/09/29

**Assessor(s)** P. Goldblatt, D. Raimondo, N. Helme & R.C. Turner

**Justification** Known from one location, with a severe threat of alien plant invasion. Eighty plants were recorded at two subpopulation in 2005 and 2007.

## Distribution

**Endemism** South African endemic

**Provincial distribution** Western Cape

**Range** Caledon Swartberg.

## Habitat and Ecology

**Major system** Terrestrial

**Major habitats** Western Ruens Shale Renosterveld, Overberg Sandstone Fynbos, Greyton Shale Fynbos, Western Coastal Shale Band Vegetation

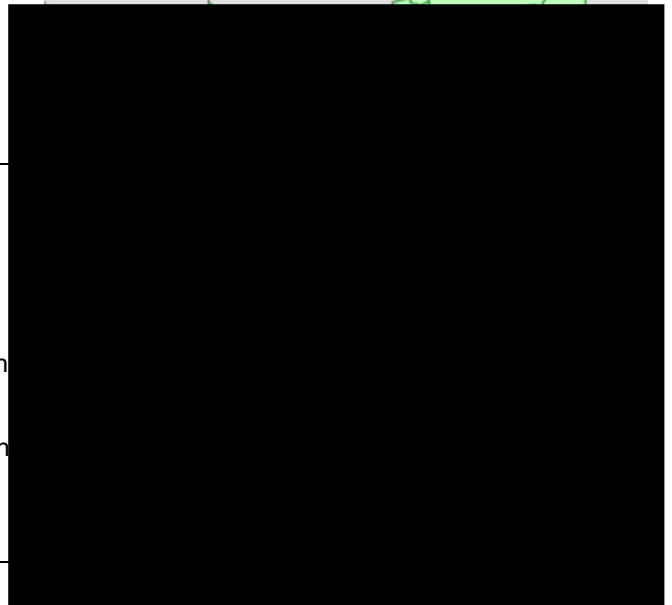
**Description** Lower to middle altitude slopes in stony, sandstone-derived soil.

## Threats

The Caledon Swartberg is densely invaded by alien plants, which have caused extensive decline and degradation of the natural vegetation. Very little alien clearing has taken place and private landowners often refuse to do clearing, with the result that cleared areas are quickly reinvaded.

## Population

*Moraea longiaristata* was once common on the Caledon Swartberg. However, only two subpopulations are known to remain, one consisting of between 10 and 50 mature individuals, the other of about 30 plants.



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**Population trend** Decreasing

## Conservation

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No remaining plants are protected in any formally protected areas.

## Assessment History

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Taxon assessed	Status and Criteria	Citation/Red List version
Moraea longiaristata Goldblatt	<b>CR</b> B1ab(iii,v)+2ab(iii,v); C2a(i)	Raimondo et al. (2009)
Moraea longiaristata Goldblatt	<b>Vulnerable</b>	Hilton-Taylor (1996)

## Bibliography

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Goldblatt, P. 1986. The Moraeas of Southern Africa: a systematic monograph of the genus in South Africa, Lesotho, Swaziland, Transkei, Botswana, Namibia, and Zimbabwe. *Annals of Kirstenbosch Botanic Gardens* 14:1-224. National Botanic Gardens in association with the Missouri Botanical Garden, USA, Cape Town.

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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.

## Citation

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