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## Taxonomy

<b>Scientific Name</b>	<b>Gladiolus vandermerwei (L.Bolus) Goldblatt &amp; M.P.de Vos</b>
<b>Higher Classification</b>	Monocotyledons
<b>Family</b>	IRIDACEAE
<b>Synonyms</b>	Antholyza vandermerwei L.Bol Homoglossum vandermerwei (L.Bolus) L.Bolus

## National Status

<b>Status and Criteria</b>	<b>Endangered</b> B1ab(iii,v)+2ab(iii,v); C2a(i)
<b>Assessment Date</b>	2006/07/26
<b>Assessor(s)</b>	D. Raimondo & P. Goldblatt
<b>Justification</b>	EOO < 5 000 km <sup>2</sup> , 10 severely fragmented subpopulations remain after a loss of more than 80% of its habitat to wheat cultivation. All subpopulations small with fewer than 250 individuals each, and continue to decline due to alien plant invasion and overgrazing by livestock.

## Distribution

<b>Endemism</b>	South African endemic
<b>Provincial distribution</b>	Western Cape
<b>Range</b>	Bot River to Heidelberg.

## Habitat and Ecology

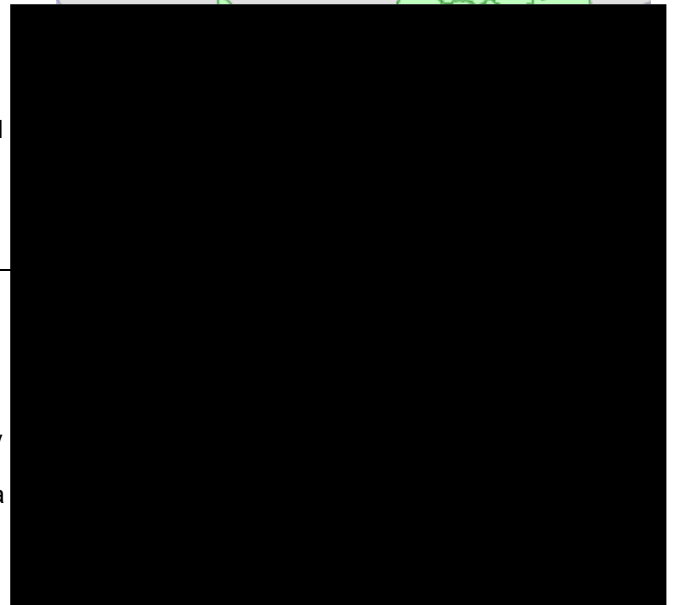
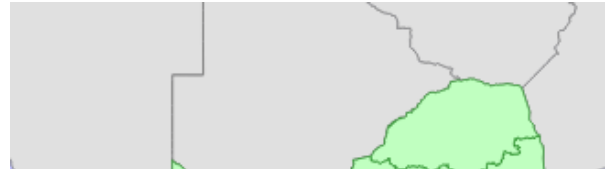
<b>Major system</b>	Terrestrial
<b>Major habitats</b>	Eastern Ruens Shale Renosterveld, Central Ruens Shale Renosterveld, Ruens Silcrete Renosterveld
<b>Description</b>	Renosterveld, on shale slopes.

## Threats

This species' habitat has been reduced to small fragments due to severe past loss to crop cultivation. Remaining subpopulations are threatened by habitat degradation as a result of alien plant invasion, and overgrazing.

## Population

Five surveyed subpopulations had less than 10 plants. The size of other subpopulations is not



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known. It is estimated that the total population consists of fewer than 2 000 mature individuals.

**Population trend** Decreasing

### Assessment History

Taxon assessed	Status and Criteria	Citation/Red List version
Gladiolus vandermerwei (L.Bolus) Goldblatt & M.P.de Vos	<b>EN</b> B1ab(iii,v)+2ab(iii,v); C2a(i)	Raimondo et al. (2009)
Gladiolus vandermerwei (L.Bolus) Goldblatt & M.P.de Vos	<b>Endangered</b>	Hilton-Taylor (1996)

### Bibliography

Goldblatt, P. and Manning, J.C. 2000. Cape Plants: A conspectus of the Cape Flora of South Africa. Strelitzia 9. National Botanical Institute, Cape Town.

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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