

## Plants

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## Olifants River Cycad

### Taxonomy

<b>Scientific Name</b>	<b>Encephalartos lanatus</b> <b>Stapf &amp; Burt Davy</b>
<b>Higher Classification</b>	Gymnosperms
<b>Family</b>	ZAMIACEAE
<b>Common Names</b>	Broodboom (a), Cycad (e), Mofaka (ns), Olifants River Cycad (e), Olifantsrivier-broodboom (a)

### National Status

<b>Status and Criteria</b>	<b>Near Threatened</b> <b>B1ab(iii)+2ab(iii)</b>
<b>Assessment Date</b>	2009/10/31
<b>Assessor(s)</b>	J.S. Donaldson
<b>Justification</b>	EOO 1 100 km <sup>2</sup> and AOO 100 km <sup>2</sup> , two subpopulations are threatened, but overall the population is not declining at present. Subpopulations are however severely fragmented.

### Distribution

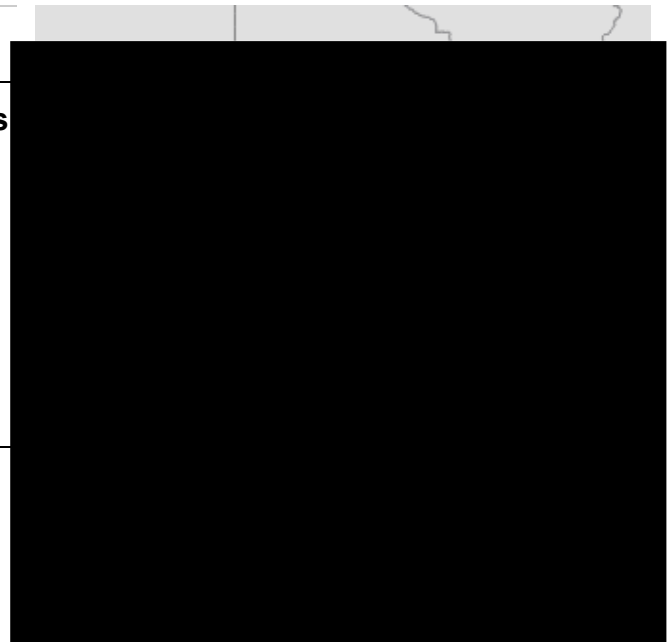
<b>Endemism</b>	South African endemic
<b>Provincial distribution</b>	Gauteng, Mpumalanga
<b>Range</b>	Gauteng and western Mpumalanga.

### Habitat and Ecology

<b>Major system</b>	Terrestrial
<b>Major habitats</b>	Forest, Grassland, Savanna
<b>Description</b>	Sheltered, wooded ravines in sandstone ridges, 1200-1500 m.

### Threats

The species occurs in rural areas. The agricultural development of the distribution area of the taxon would have had a minimal effect on the species due to the types of farming practices employed (Fourie 1984). The species is also reportedly not popular



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with cycad collectors as they are sensitive to disturbance and any transplanting ends in the death of plants (Goode 1989). Two localities, however, are threatened: one by intensive destruction on military training area, and another by building and road construction for a pleasure resort (Fourie 1984).

## Population

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Although it has a restricted range, *Encephalartos lanatus* is locally abundant and the population is not declining at present.

**Population trend** Stable

## Conservation

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Conserved in two private nature reserves and a natural heritage site in Gauteng.

## Assessment History

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Taxon assessed	Status and Criteria	Citation/Red List version
Encephalartos lanatus Stapf & Burtt Davy	<b>VU</b> B1ab(iii)+2ab(iii)	2011.1
Encephalartos lanatus Stapf & Burtt Davy	<b>VU</b> B1ab(iii)+2ab(iii)al.	Raimondo et al. (2009)
Encephalartos lanatus Stapf & Burtt Davy	<b>Near Threatened</b>	Pfab and Victor (2002)
Encephalartos lanatus Stapf & Burtt Davy	<b>Rare</b>	Hilton-Taylor (1996)
Encephalartos lanatus Stapf & Burtt Davy	<b>Vulnerable</b>	Hall et al. (1980)

## Bibliography

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Burtt Davy, J. 1926. A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa. Part I. Pteridophyta to Bombacaceae. Longmans, Green and Co. Ltd., London.

Donaldson, J.S. 2003. Cycads. Status survey and conservation action plan. IUCN/SSC Cycad Specialist Group, Gland, Switzerland; Cambridge, UK.

Fourie, S.P. 1984. Flora Conservation Plan: *Encephalartos lanatus*. Transvaal Chief Directorate of Nature and Environmental Conservation.

Goode, D. 1989. Cycads of Africa. Struik/Winchester, Cape Town.

Hall, A.V., De Winter, M., De Winter, B. and Van Oosterhout, S.A.M. 1980. Threatened plants of southern Africa. South African National Scientific Programmes Report 45. CSIR, Pretoria.

Hilton-Taylor, C. 1996. Red data list of southern African plants. *Strelitzia* 4. South African National Botanical Institute, Pretoria.

Osborne, R. 1988. Focus on *Encephalartos lanatus*. *Encephalartos* 16:3-9.

Pfab, M.F. and Victor, J.E. 2002. Threatened plants of Gauteng, South Africa. *South African Journal of Botany* 68:370-375.

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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