

Plants

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Olifants River Cycad

Taxonomy

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

National Status

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

Distribution

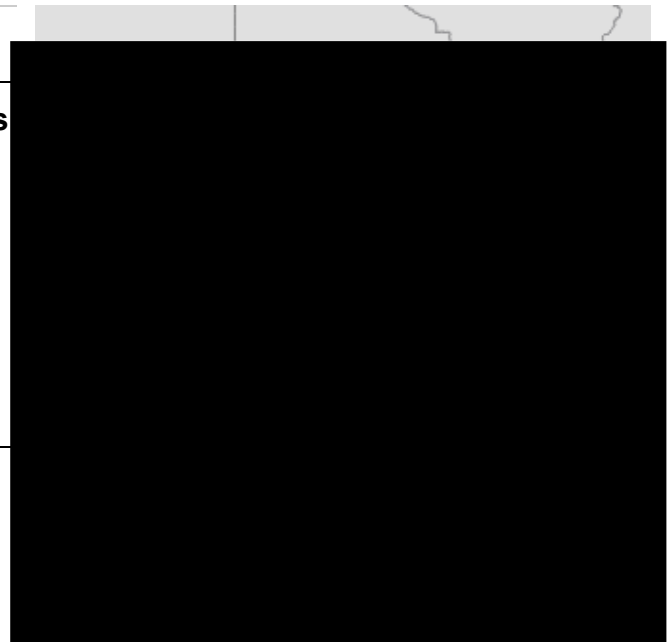
Endemism	South African endemic
Provincial distribution	Gauteng, Mpumalanga
Range	Gauteng and western Mpumalanga.

Habitat and Ecology

Major system	Terrestrial
Major habitats	Forest, Grassland, Savanna
Description	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

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

Population trend Stable

Conservation

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

Assessment History

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

Bibliography

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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