



Thumb Peak, Mid-Mount Barren, Woolburnup Hill (Central Barren Ranges) *Eucalyptus acies mallee* heath

TEC Description

The community is characterised by high species richness with a strong proteaceous element. It is restricted to three quartzite mountains within the Fitzgerald River National Park. Three threatened flora occur within the community (*Daviesia obovata*, *Cooperookia georgei* (mauve cooperookia) and *Grevillea infundibularis* (fan-leaf grevillea)) and a suite of priority flora also occur, some restricted only to mountain peaks.

This community is characterised by a high diversity of proteaceous shrubs accompanied by several taxa endemic to or prevalent in high altitudinal areas of the Barren and Stirling Ranges. Common taxa include *Eucalyptus acies* (Woolburnup mallee), *Gastrolobium crenulatum* (priority 2), *Daviesia obovata*, *Andersonia echinocephala* (priority 4), *Petrophile divaricata*, *Grevillea coccinea* subsp. *lanata* (priority 3) and *Xanthosia candida*.

Other taxa include *Eucalyptus preissiana* subsp. *preissiana*, *Banksia heliantha* (oak-leaved dryandra), *Banksia falcata* (prickly dryandra), *Banksia plumosa* subsp. *plumosa*, *Banksia baueri* (woolly banksia), *Banksia nutans* var. *nutans* (nodding banksia), *Banksia lemmaniana* (Lemman's banksia), *Banksia oreophila* (mountain banksia), *Hakea cucullata* (hood-leaved hakea), *Hakea hookeriana*, *Grevillea fistulosa*, *Adenanthos labillardierei*, *Beaufortia anisandra* (dark beaufortia), *Melaleuca striata*, *Sphaerolobium racemosum*, *Daviesia striata*, *Taxandria spathulata*, *Acacia cedroides*, *Rinzia oxycoccoides* (large-flowered rinza), *Dampiera loranthifolia*, *Stachystemon mucronatus* and *Mesomelaena stygia* subsp. *stygia*.



Distribution

Department of Biodiversity, Conservation and Attractions (DBCA) Region: South Coast

DBCA District: Albany

Local Government Authority: Shire of Ravensthorpe

Habitat Requirements

The community is restricted to the mid-upper slopes on quartzite hills in the Central Barren Ranges, Fitzgerald River National Park.

Indigenous Interests

An Aboriginal Sites Register is kept by the Department of Indigenous Affairs. According to the Register a significant site occurs within the vicinity of the community. The South West Aboriginal Land and Sea Council (SWALSC), an umbrella group, covers the areas where this community occurs. Traditional owner group: Wudjari.

Conservation Status

Listed as vulnerable under WA Minister Environmentally Sensitive Areas list in policy.

All occurrences are within the Proteaceae Dominated Kwongkan Shrubland (Kwongkan community), listed as Endangered under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.

Threatening Processes

The major threats to the community are dieback disease caused by *Phytophthora* species and in particular *P. cinnamomi* that occurs in close proximity, aerial canker, high intensity fires, and drying climate.

Recovery Plan

A recovery plan is recommended for the community. Priority recovery actions include monitoring of threats and threatened and priority flora and investigating the effects of bushfire. The Fitzgerald River Biosphere Recovery Plan (2012) and the Fitzgerald River National Park Management Plan (2011) cover the areas that contain the community.

Citation

Department of Biodiversity, Conservation and Attractions. (2020). Recovery plans and interim recovery plans <https://www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/wa-s-threatened-ecological-communities>

Key References

Barrett, S. (1996). Biological survey of mountains of southern Western Australia. Unpublished report by the Department of Conservation and Land Management for the Australian Nature Conservation Agency.

Department of Environment and Conservation, (2012). Fitzgerald Biosphere Recovery Plan: A Landscape Approach to Threatened Species and Ecological Communities Recovery and Biodiversity Conservation, Western Australian Department of Environment and Conservation. Albany.

Fitzgerald River National Park Management Plan 1991-2001 Management Plan No. 15 Amendment 2011 Department of Environment and Conservation. Conservation Commission of Western Australia.

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