



Herblands and Bunch Grasslands on gypsum lunette dunes alongside saline playa lakes

TEC Description

The community has been recorded from the Lake Magenta area, on grey sandy clay on the top of a lake edge dune on gypsum lunette dunes alongside saline playa lakes. Common flora included in the community include the herbaceous taxa *Austrostipa juncifolia*, *Rytidosperma caespitosum*, *Podolepis rugata* (pleated podolepis), *Asteridea chaetopoda*, and the shrubs, *Atriplex paludosa* (marsh saltbush), *Maireana marginata*, *Tecticornia syncarpa*, *Scaevola spinescens* (currant bush) and *Lawrencina squamata*.



Distribution

A single occurrence is located on the south east side of a small saline lake, 2km east of Lake Magenta Nature Reserve in the locality of Pingrup.

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

Local Government Authority: Shire of Kent

Habitat Requirements

The lunette dune is a transverse dune located on a downwind margin of a playa lake, formed from sediments sourced from shores during wet phases and exposed lake floors during dry, arid phases.

Indigenous Interests

An Aboriginal Sites Register is kept by the Department of Indigenous Affairs and lists no significant sites in the vicinity of the occurrences. Traditional Owners: Wudjari.

Conservation Status

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

Threatening Processes

The main threats to the gypsum dune community are land clearing, inappropriate fire regimes, and broad scale hydrological impacts.

Recovery Plan

A recovery plan is recommended to outline the recovery actions required to reduce the threats and to maintain or improve the overall condition of the community in the known location. Recommended actions include developing and implementing a monitoring plan and using results to guide management, and surveys for additional occurrences.

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

Mattiske Consulting Pty Ltd. (1995). A review of botanical values on a range of gypsum dunes in the Wheatbelt of Western Australia. Report to the Department of Conservation and Land Management.

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