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Regional ecosystem details for 12.2.14

Regional ecosystem	12.2.14
Vegetation Management Act class	Least concern
Wetlands	Not a Wetland
Biodiversity status	No concern at present
Subregion	9, 4, 10, (8), (12)
Estimated extent ¹	Pre-clearing 18000 ha; Remnant 2021 17000 ha
Short description	Foredune complex
Structure code	Low Woodland
Description	Strand and fore dune complex comprising <i>Spinifex sericeus</i> grassland <i>Casuarina equisetifolia</i> subsp. <i>incana</i> low woodland/open forest and with <i>Acacia leiocalyx</i> , <i>A. disparrima</i> subsp. <i>disparrima</i> , <i>Banksia integrifolia</i> subsp. <i>integrifolia</i> , <i>Pandanus tectorius</i> , <i>Corymbia tessellaris</i> , <i>Cupaniopsis anacardioides</i> , <i>Acronychia imperforata</i> and <i>Hibiscus tiliaceus</i> . Occurs mostly on frontal dunes and beaches but can occur on exposed parts of dunes further inland. Not a Wetland. (BVG1M: 28a).

Vegetation communities in this regional ecosystem include:

12.2.14a: *Casuarina equisetifolia* subsp. *incana* woodland to low open forest. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14b: *Casuarina equisetifolia* subsp. *incana* woodland to low open forest with mid-

dense shrub of *Argusia argentea*/ *Scaevola taccada*. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14c: *Casuarina equisetifolia* subsp. *incana* open forest with *Pandanus tectorius* sub-canopy. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14d: *Sporobolus virginicus* closed tussock grassland. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14e: *Spinifex sericeus* open hummock grassland. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14f: **Cakile edentula* herbland. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14g: Very sparse herbland, mainly sand. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

12.2.14h: Shingle shores with sparse vegetation e.g. *Canavalia rosea*. Exposed frontal areas of coral cays. Not a Wetland. (BVG1M: 28a).

12.2.14i: Seashore mixed herbland. Exposed frontal areas. Not a Wetland. (BVG1M: 28a).

Supplementary description	Bean et al. (1998), B14
Protected areas	Great Sandy NP, Gheebulum Kunungai (Moreton Island) NP, South Stradbroke Island CP, Eurimbula RR, Bribie Island NP, Curtis Island NP, Eurimbula NP, Naree Budjung Djara NP, Southend CP, Burrum Coast NP, Mouth of Kolan River CP, Broadwater CP, Deepwater NP,
Fire management guidelines	INTERVAL: Fire return interval not relevant. INTERVAL_MIN: 100. INTERVAL_MAX: 100. STRATEGY: Do not burn deliberately. Burn surrounding ecosystems in conditions that would minimise fire incursion. ISSUES: Protection relies on broad-scale management of surrounding country. <i>Casuarina equisetifolia</i> is very sensitive to fire and germination after fire is typically very low or negligible. Triggers unrelated to fire appear to maintain a healthy ecosystem. Issues with lantana and other weeds may result from fire and other disturbance. Other disturbances (e.g., recreational use) may contribute to fire problems.
Comments	12.2.14b: (grades into 2b). (Masthead). 12.2.14c: Wilson Island, Capricorn Cays NP. 12.2.14g: (North Reef). 12.2.14h: Restricted to shingle cays.

¹ Estimated extent is from version 13.1 pre-clearing and 2021 remnant regional ecosystem mapping. Figures are rounded for simplicity. For more precise estimates, including breakdowns by tenure and other themes see [remnant vegetation in Queensland \(<https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/remnant-vegetation/> \)](https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/remnant-vegetation/).

Access vegetation management regional ecosystem descriptions

The Queensland Herbarium REDD lookup tool searches for information on regional ecosystems for a range of planning and management applications. If you're looking for vegetation management information you can use the vegetation management regional ecosystems description database ([VM REDD](https://www.qld.gov.au/environment/land/management/vegetation/maps/regional-ecosystems-lookup) (<https://www.qld.gov.au/environment/land/management/vegetation/maps/regional-ecosystems-lookup>))

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