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Regional ecosystem details for 12.8.19

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Regional ecosystem	12.8.19
Vegetation Management Act class	Of concern
Wetlands	Not a Wetland
Biodiversity status	Of concern
Subregion	1, 2, 4, (11.31), (7), (9), (3)
Estimated extent ¹	Pre-clearing 4000 ha; Remnant 2021 4000 ha
Short description	Heath and rock pavement with scattered shrubs or open woodland on Cainozoic igneous hills and mountains
Structure code	Open Shrubland
Description	Heath and rock pavement with scattered shrubs or open woodland. Occurs on Cainozoic igneous rocks especially rhyolite and trachyte. Not a Wetland. (BVG1M: 29b).
Supplementary description	Bean et al. (1998), J24, J25
Protected areas	Mount Barney NP, Main Range NP, Lamington NP, Glass House Mountains NP, Moogerah Peaks NP, Mount Coolum NP, Springbrook NP, Noosa NP, Main Range CP, Flinders Peak CP, Tuckekoi NP, Tewantin NP, Mount Cooroy CP

Special values	12.8.19: Habitat for threatened plant species including <i>Arundinella grevillensis</i> , <i>Gonocarpus effusus</i> , <i>Pomaderris notata</i> , <i>Acacia saxicola</i> , <i>Allocasuarina emuina</i> , <i>A. thalassoscopica</i> , <i>Grevillea linsmithii</i> , <i>Westringia grandifolia</i> , <i>Leionema elatius</i> subsp. <i>beckleri</i> , <i>Cooperhooikia scabridiuscula</i> , <i>Dodonaea rupicola</i> , <i>Eucalyptus kabiana</i> , <i>Banksia conferta</i> , <i>Leptospermum luehmannii</i> , <i>L. oreophilum</i> , <i>Pultenaea whiteana</i> , <i>Westringia rupicola</i> , <i>Westringia sericea</i> and near threatened species including <i>Comesperma breviflorum</i> , <i>Eucalyptus codonocarpa</i> , <i>Westringia blakeana</i> , <i>Agiortia cicatricata</i> , <i>Zieria adenodonta</i> . Habitat for many other species with restricted or disjunct distributions.
Fire management guidelines	SEASON: Summer to winter. INTENSITY: Low to moderate. INTERVAL: 10-30 years. INTERVAL_MIN: 10. INTERVAL_MAX: 30. STRATEGY: Burn in association with surrounding vegetation. Protection relies on the broad-scale management of surrounding country. Fire exclusion and buffering from fire are not necessary. ISSUES: Some rare and threatened plants (e.g., near Crow's Nest and Biggenden) require long intervals between fires. There will be a number of obligate seeding species (e.g., <i>Banksia conferta</i> on Mt Barney, Mt Maroon, Glasshouse Mtns) in this community so variability in regime is required. Any planned burning should be conducted in association with plans for surrounding vegetation. Habitat for a number of species with restricted or disjunct distributions.
Comments	12.8.19: Mapped area includes bare rock pavement. Higher altitude heaths exhibit a high level of species endemism. Frequent fire favours fire-tolerant species at the expense of fire-sensitive species. Often too small to map at 1:100 000 scale.

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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