

Appendix 24 Likelihood of Occurrence – Conservation Significant Flora

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Abbreviations: CR = Critically Endangered, EN - Endangered, VU=Vulnerable, PMST=Protected Matters Search Tool, DBCA=DBCAs Flora database search results, Assess2253=Pinjarra Alumina Refinery Revised Proposal-ERD Assessment No 2253, SCP=Swan Coastal Plain (IBRA region)

LOO of Assessment rating criteria

Recorded	Species has been recorded within the area of interest
Highly Likely	Suitable habitat is likely to be present and there are records within 500m of the area of interest
Likely	Suitable habitat is likely to be present and there are records within 2km of the area of interest
Possible	Suitable habitat is likely to be present and there are records within 10km of the area of interest
Unlikely	Suitable habitat is unlikely to be present; or Suitable habitat may be present but the species has not been found in the vicinity of the area of interest
Does Not Occur	The species has a restricted distribution that does not coincide with the area of interest

Scientific Name	Common Name	EPBC Act	BC Act/ DBCA	Source	Assoc SVT or habitat where SVT unknown	Flowering Period	LOO - Huntly	Presence Text - Species or habitat - Huntly Mine DE	LOO - Willowdale	Presence Text - Species or habitat - Willowdale Mine DE	Distribution	Key potential threats (Threatened spp)
<i>Synphea sp. Pinjarra</i> (R. Davis 6578)	Club-leaved Synphea	CR	CR	PMST	white grey clayey sand on the edges of seasonally inundated low lying or swamp areas in dense wetland heath and shrubland	Sep	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	rail, track and fence maintenance works, competition from weeds, grazing by rabbits, inappropriate fire regimes, dieback.
<i>Synphea sp. Fairbridge Farm</i> (D. Papenfus 696)	Selena's Synphea	CR	CR	PMST	grey, clayey sand with lateritic pebbles in low woodland areas near winter flats	Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	rail, road and fence maintenance works, competition from weeds, grazing and digging by rabbits, pests and recreational activities, inappropriate fire regimes, dieback.
<i>Synphea sp. Serpentine</i> (G.R. Brand 103)	-	CR	CR	PMST	flat terrain on grey-brown sandy loams to clay in seasonally wet areas	N/A	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	weed invasion, fragmented habitat due to extensive clearing for agriculture and development, road and rail construction and maintenance and changes in hydrology
<i>Drakaea elastica</i>	Glossy-leaved Hammer Orchid, Glossy-leaved Hammer Orchid, Warty Hammer Orchid	EN	CR	PMST	bare patches of sand within otherwise dense vegetation in low-lying areas alongside winter-wet swamps	Oct-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	land clearing, degradation and fragmentation of habitat, edge effects, density of ground-level vegetation, grazing, inappropriate disturbance, construction and maintenance work, rubbish dumping, weeds, disease, inappropriate fire regimes, poor recruitment and salinity.
<i>Verticordia fimbriolepis</i> subsp. <i>fimbriolepis</i>	Shy Featherflower	EN	VU	PMST	P, S, T (Lateritic soils) and A, C, D, E and W (valleys and swamps) dominant.	Oct-Dec or Jan	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	78 locations in Northern and Southern Jarrah Forests, Avon Wheatbelt regions (DBCA 2007-). Known from 16 populations (DEC) 2010. Population frequency ranging from one plant to 700 plants and upwards of 19,120 plants (WA Herbarium 1998-). No records within 10km of the Mine DEs.	road/powerline maintenance, poor recruitment, inappropriate fire regimes, grazing/trampling, feral pigs, dieback, salinity, farming, gravel extraction.
<i>Diuris purdiei</i>	Purdie's Donkey-orchid	EN	EN	PMST	A/C/W/D (valleys and swamps) sand to sandy clay soils, in areas subject to winter inundation	Sep-Oct	Unlikely	Distribution almost exclusively SCP. Suitable habitat may be present but there are no nearby records.	Unlikely	Distribution almost exclusively SCP. Suitable habitat may be present but there are no nearby records.	Distribution almost exclusively SCP with one historic record in the NJF near Brookton Hwy. Two records within 10km of the Mine DEs but both on SCP.	habitat loss and invasive weeds
<i>Verticordia plumosa</i> var. <i>ananeotes</i>	Tufted Plumed Featherflower	EN	CR	PMST	A, C, D, E and W dominant (valleys and swamps).	Nov-Dec	Unlikely	Distribution almost exclusively SCP. Suitable habitat may be present but there are no nearby records.	Unlikely	Distribution almost exclusively SCP. Suitable habitat may be present but there are no nearby records.	Distribution almost exclusively SCP. Populations ranging from 6-20 plants to 100+ plants. Also known from three wild populations in the Blackwood District near Busseton, with a total of 571 plants at last survey. Also recorded in the Serpentine and Murray districts (DEC 2008b). Three records within 10km of the Mine DEs but all on SCP.	weeds, inappropriate fire regimes, grazing and trampling, road/track/firebreak maintenance activities, chemical drift from herbicide/fertilizer applications and dieback.
<i>Caladenia huegelii</i>	King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid	EN	CR	PMST	usually deep grey-white sand usually associated with the Bassendean sand-dune system (rarely the Spearwood system, in which calcareous yellow sands dominate)	Sep-Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	loss of habitat through clearing of bushland for development, weed invasion, Phytophthora disease, roadworks, firebreak maintenance, inappropriate fire regimes, recreational activities and dumping of rubbish; collapse of important ecological relationships with the mycorrhizal fungus and wasp pollinator leading to poor survival and recruitment.
<i>Synphea stenoloba</i>	Dwellingup Synphea	EN	EN	PMST	loamy soils in low lying areas that are occasionally inundated	Aug-Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	competition from weeds; road, track and firebreak maintenance works; increased inundation and waterlogging; illegal waste disposal, and; impacts from dirt bike riding
<i>Andersonia gracilis</i>	Slender Andersonia	EN	VU	PMST	seasonally damp, black sandy clay flats near or on the margins of swamps, often on duplex soils	Sep-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	inappropriate fire regimes, rail, road and firebreak maintenance, degraded habitat, dieback disease, mining activities and weeds
<i>Banksia mimica</i>	Summer Honey-pot	EN	VU	PMST	flat to gentle slopes in grey and white sand	Dec or Jan to Feb	Unlikely	Distribution almost exclusively SCP. Suitable habitat unlikely to be present and there are no nearby records.	Unlikely	Distribution almost exclusively SCP. Suitable habitat unlikely to be present and there are no nearby records.	Distribution almost exclusively SCP, but there are a few locations in the SJF (Whicher Range) S of Bunbury (Wah 1998-). No records within 10km of the Mine DEs.	land clearing, dieback, frequent fire
<i>Eucalyptus x balanites</i>	Cadda Road Mallee, Cadda Mallee	EN	CR	PMST	light coloured sandy soils with surface laterite	Oct-Dec or Jan-Feb	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	droughts (driven by climate change), inappropriate disturbance regimes, habitat destruction, disease, herbivory, competition with weeds and the genetic consequences of small subpopulations, inappropriate fire regimes
<i>Lasiopetalum pterocarpum</i>	Wing-fruited Lasiopetalum	EN	CR	PMST	G and R dominant (granite soils).	Aug-Dec	Highly Likely	Suitable habitat likely to be present and there are recent records within 500m.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	1 location in NJF on Darling Scarp (WAH 1998-). In Serpentine National Park known from 4 wild populations and a translocated population, totalling 580 plants at last survey (DEE 2017a). 1 population of 11 plants <500m N of Huntly Mine DE (Myara-O'Neil) from 2023. 19 other records ~5km NW of Huntly Mine DE (Myara-O'Neil).	weeds, grazing by insects and kangaroos, recreational activity and disease and too frequent or infrequent fire
<i>Thelymitra stellata</i>	Star Sun-orchid	EN	EN	PMST	gravelly loam, lateritic hill tops	Oct-Nov	Unlikely	Distribution almost exclusively SCP. Suitable habitat likely to be present but there are no nearby records.	Unlikely	Distribution almost exclusively SCP. Suitable habitat likely to be present but there are no nearby records.	Distribution almost exclusively SCP. No records within 10km of the Mine DEs.	fire during the growing season; browsing by feral rabbits; broad scale vegetation clearing; and increasing fragmentation of habitat; e invasion by exotic weeds; recreational activities; road widening activities; and gravel extraction
<i>Synphea sp. Pinjarra Plain</i> (A.S. George 17182)	-	EN	EN	PMST	flat terrain on grey-brown sandy loams and heavier brown clay-sand overlain by laterite pebbles	Sep-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	weed invasion, fragmented habitat due to extensive clearing for agriculture and development, road and rail construction and maintenance and changes in hydrology
<i>Anthocercis gracilis</i>	Slender Tailflower	VU	VU	PMST	G and R dominant (granite soils).	Sep-Oct	Likely	Suitable habitat likely to be present and there are recent records within 2km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	47 locations in the NJF, Swan Coastal Plain and Avon Wheatbelt regions. Populations ranging from one plant to largest known population of 1,500 mature plants (WAH 1998-). Total estimated population is 3,631 plants (DEWHA 2008a). 2 records ~3km SW of Huntly Mine DE (Myara-O'Neil) from 1997, 2012 and 17 records <1km SW of Huntly Mine DE (Huntly-Del Park, conveyor at western edge) from 1992-2001.	frequent fire and weed invasion.
<i>Drakaea micrantha</i>	Dwarf Hammer-orchid	VU	EN	PMST	infertile grey sands in cleared fire breaks or open sandy patches that have been disturbed	Sep-Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP.	fire
<i>Diuris micrantha</i>	Dwarf Bee-orchid	VU	VU	PMST	A, C, D, E and W dominant (valleys and swamps).	Sep-Oct	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	36 locations in the NJF (E of Collie) and Swan Coastal Plain regions (WAH 1998-). Known from seven populations including frequencies such as 7 plants and 50+ plants (DEWHA 2008c; WA H 1998-). No records within 10km of the Mine DEs.	fire and weed invasion.
<i>Diuris drummondii</i>	Tall Donkey Orchid	VU	EN	PMST	A, C, D, E and W dominant (valleys and swamps).	Nov to Dec or Jan	Unlikely	Distribution almost exclusively SCP. Suitable habitat likely to be present but there are no nearby records.	Unlikely	Distribution almost exclusively SCP. Suitable habitat likely to be present but there are no nearby records.	107 locations in the Northern and Southern Jarrah Forests, Swan Coastal Plain, Avon Wheatbelt and Warren regions (DBCA 2007-). Known from 12 populations, with recorded frequencies ranging from 2 plants to upwards of 6,000 plants (DEWHA 2008b; WA Herbarium 1998-). Almost exclusively SCP until S of Bunbury. No records within 10km of the Mine DEs.	fire and changes in the water table
<i>Eleocharis keigheryi</i>	Keighery's Eleocharis	VU	VU	PMST	A, C, D, E and W dominant (valleys and swamps).	Aug-Nov	Unlikely	Distribution almost exclusively SCP and AWW. Suitable habitat likely to be present but there are no nearby records.	Unlikely	Distribution almost exclusively SCP and AWW. Suitable habitat likely to be present but there are no nearby records.	115 locations in the SCP and Avon Wheatbelt regions and on the fringes of the NJF and SJF (WAH 1998-). Known from 15 populations ranging from 50+ to ~3,000 plants (DEWHA 2008c; WAH 1998-). Total estimated population is 13,800 mature plants (DEWHA 2008c). Almost exclusively SCP and Avon Wheatbelt. No records within 10km of the Mine DEs.	invasive weeds, firebreak road and rail maintenance, and livestock damage and grazing.
<i>Grevillea flexuosa</i>	Zig Zag Grevillea	VU	VU	DBCA	sands of granite ridgetop plateaus and associated breakaways or lateritic sands and gravel	Jul-Oct	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	All locations N of Perth in NJF (WAH 1998-). Known from 12 populations, with more than 2000 plants in the NJF (DEWHA 2008). One record of 4 plants ~7km N of Huntly Mine DE (Myara-O'Neil) from 2000.	dieback from Phytophthora cinnamomi; broad-scale vegetation clearing; increasing fragmentation; grazing pressure; weeds; changed hydrology including salinisation; and changed fire regimes
<i>Morelotia australiensis</i>	Southern Tetraria (aka Tetraria australiensis)	VU	VU	PMST	P winter-wet, swampy depressions, drainage lines or rises surrounding swamps	N/A	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Distribution is almost exclusively SCP apart from 2 records in NJF E of Albany Hwy (WAH 1998-). 5 records ~4-6km N of Huntly Mine DE (Myara-O'Neil) from 2021.	habitat clearing; road construction and maintenance activities, recreational activities, such as horse riding and track maintenance, which can lead to the introduction of weeds and dieback caused by the root-rot fungus, Phytophthora cinnamomi; fire regime that is too frequent
<i>Andersonia sp. Saxatilis</i> (F. & J. Hort 3324)	-	-	CR	DBCA	G	N/A	Possible	Suitable habitat likely to be present and there are multiple recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no recent nearby records.	1 location in the NJF region, E of Mine DEs (WAH 1998-). 6270 plants at 4 locations recorded in the Myara North area in 2020 (Mattiske 2021a) 10 records 5-6km NE of Huntly Mine DE (Myara-O'Neil) from 2004-2020	

Scientific Name	Common Name	EPBC Act	BC Act/ DBCA	Source	Assoc SVT or habitat where SVT unknown	Flowering Period	LOO - Huntly	Presence Text - Species or habitat - Huntly Mine DE	LOO - Willowdale	Presence Text - Species or habitat - Willowdale Mine DE	Distribution	Key potential threats (Threatened spp)
<i>Acacia lasiocarpa</i> var. <i>bracteolata</i> long peduncle variant (G.J. Keighery 5026)	-	-	P1	DBCA	Grey or black sand over clay. Swampy areas, winter wet lowlands.	May or Aug	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP. Nearest record ~5km E of Huntly Mine DE (Huntly-Del Park) from 2009, on SCP.	
<i>Calytrix simplex</i> subsp. <i>simplex</i>	-	-	P1	Assess2 253	G, R (granite soils) and P, S, T dominant (lateritic soils)	Oct-Nov	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Nine locations in the NJF and Swan Coastal Plain regions (WAH 1998-). Populations include 2,000+ and 'common locally' (WAH 1998-). No DBCA records within 10km of Mine DEs.	
<i>Darwinia hortiorum</i>	-	-	P1	DBCA	large granite outcrops and their drainage lines (which may be in loam soil over laterite)	late Sep-early Dec	Possible	Suitable habitat likely to be present and there are multiple recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Two records in NJF (WAH 1998-). Ten records 4-10km NE of Huntly Mine DE (Myara-O'Neil) from 2008-2022.	
<i>Deyeuxia inaequalis</i>	-	-	P1	DBCA	Slopes, flats. Gravelly sandy loam. Forest of Eucalyptus marginata and Corymbia calophylla.	N/A	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Possible	Suitable habitat likely to be present and there are recent records within 20km.	All locations S of Margaret River except one record in NJF near Dwellingup (WAH 1998-). One record ~10km S of Huntly Mine DE (Huntly-Del Park) and ~13km NE of Willowdale Mine DE (Keats) from 2021.	
<i>Drosera silvicola</i>	-	-	P1	DBCA	laterite gravel soils	Nov	Recorded	2-5 plants at one location in Myara area (DBCA search).	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several locations in NJF (WAH 1998-). One record inside Huntly Mine DE (Myara-O'Neil) <100m from a cleared area from 2012.	
<i>Hibbertia acrotoma</i>	-	-	P1	DBCA	Steep slopes, gravelly loam, granite boulders/outcrops. Jarrah-marri forest.	Aug-Sep	Highly Likely	Suitable habitat may be present and there are recent records within 500m.	Unlikely	Suitable habitat may be present but there are no nearby records.	Several locations in NJF (WAH 1998-). One record ~2.5km W of Huntly Mine DE (Myara-O'Neil) from 2002 and 3 records <500m from Huntly Mine DE (Huntly-Del Park - conveyor at W edge) from 2005-2015.	
<i>Hibbertia ambita</i>	-	-	P1	2023-24 Targeted Surveys	P, S, T (Lateritic soils), A, C, D, E and W (valleys and swamps) dominant.	Aug-Oct	Recorded	6 plants at 4 locations in O'Neil area (Mattiske 2024b)	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several locations in NJF near Boddington (WAH 1998-). No DBCA records within 10km of Mine DEs. No plants recorded outside Mine DEs in 2020-2024.	
<i>Hibbertia hortiorum</i>	-	-	P1	2023-24 Targeted Surveys	Laterite	Sep-Oct	Recorded	312 plants at 208 locations in O'Neil Transport Corridor (Mattiske 2024a) and O'Neil (Mattiske 2024b) areas	Unlikely	Suitable habitat may be present but there are no nearby records.	Several locations in NJF (WAH 1998-). 3512 plants at 160 locations recorded in 2023-24 from 0-5km outside the Huntly Mine DE. One record inside Huntly Mine DE (Myara) from 1994 and six records 6-10km E of Huntly Mine DE (Myara-O'Neil) from 2009-2016.	
<i>Hibbertia micrantha</i>	-	-	P1	DBCA	shrubland and jarrah-marri woodlands on the edge of outcropping granite	Oct	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	One location in NJF, E of Mine DEs (WAH 1998-). One record on edge of granite outcrop ~8km E of Huntly Mine DE (Myara-O'Neil) from 2010.	
<i>Levenhookia preissii</i>	-	-	P1	DBCA	grey or black peaty sand in swamps	Sep to Dec or Jan	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Almost exclusively SCP, except for records S of Margaret River.	
<i>Netrostylis</i> sp. <i>Nannup</i> (P.A. Jurjevich 1133)	-	-	P1	2023-24 Targeted Surveys	valley floors and creeklines on damp soils within woodland and tall shrubland	N/A	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Likely	Suitable habitat likely to be present and there are recent records within 2km.	Most records from SJF S of Busselton except one historical record from NJF (WAH 1998-). 1 plant at 1 location recorded in 2023 <1km W of Willowdale Mine DE (Eco Logical 2024) 1 location ~4km W of Willowdale Mine DE (Wills) from 1997.	
<i>Paracaleana gracilicordata</i>	-	-	P1	2023-24 Targeted Surveys	Recorded in G and S. High likelihood to occur in G and R dominant (granite soils).	Oct-Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Four locations in the NJF. Populations ranging from 100 to ~160 plants (WAH1998-). 567 plants at 6 locations recorded in the Myara North area in 2020 (Mattiske 2021a) 15 locations 1-8km of Huntly Mine DE from 2003-2022, and 2 locations ~8km NW of Willowdale Mine DE (Keats) from 2022.	
<i>Paracaleana granitica</i>	Slender-leaved Duck Orchid	-	P1	DBCA	Recorded in G, D, P and T. High likelihood to occur in G and R dominant (granite soils).	Oct-Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Four locations in the NJF (WAH 1998-). 759 plants at 7 locations recorded in the Myara North area in 2020 (Mattiske 2021a) 11 locations 3-8km N of Huntly Mine DE (Myara-O'Neil) from 1986-2023.	
<i>Synaphea odocoileops</i>	-	-	P1	DBCA	Brown-orange loam & sandy clay, granite. Swamps, winter-wet areas.	Aug-Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). Four records <10km E of Huntly Mine DE from 1998-2003, on SCP.	
<i>Acacia benthamii</i>	-	-	P2	DBCA	Sand. Typically on limestone breakaways.	Aug-Sep	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). 1 record 10km E of Huntly Mine DE (Myara-O'Neil) from 1998, on SCP.	
<i>Banksia recurvitylis</i>	-	-	P2	DBCA, Assess2 253	G and R dominant (granite soils).	Jan, Nov or Dec	Likely	Suitable habitat likely to be present and there are recent records within 2km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	3 locations in the NJF region (WAH 1998-). Populations ranging from 70 to 674 plants (WAH 1998-). Six locations 1-6km NE of Huntly Mine DE (Myara-O'Neil) from 2008.	
<i>Bossiaea modesta</i>	-	-	P2	DBCA, Assess2 253	W (streams) Soils derived from granite. Damp areas close to stream.	Oct-Dec	Likely	Suitable habitat likely to be present and there are recent records within 2km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple records in NJF (WAH 1998-). Populations ranging from 2 plants to 250+ plants and upwards of 1,550 plants (WAH 1998-). 2-5 plants in 1 location recorded in the Holyoake area in 2020 (Mattiske 2021b) 2 records ~2km E of Huntly Mine DE (Huntly-Del Park) from 1998.	
<i>Calectasia grandiflora</i>	-	-	P2	DBCA	White, grey or yellow sand, sandy clay, gravel, laterite, granite. Swampy areas, rock outcrops, flats, slopes, ridges.	Jun-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	All records SCP except one record near Albany (WAH 1998-).	
<i>Corymbia chlorolampra</i>	Mount Lesueur bloodwood	-	P2	DBCA	Sand over limestone. Hills, lateritic breakaways.	N/A	Unlikely	Suitable habitat unlikely to be present.	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Distribution Lesueur Sandplain except for one record at foot of scarp (WAH 1998-). 1 record ~3km W of Huntly Mine DE (Myara-O'Neil) from 2014.	
<i>Craspedia</i> sp. <i>Waterloo</i> (G.J. Keighery 13724)	-	-	P2	DBCA	N/A	N/A	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). 5 records 4-7km SW of Huntly Mine DE (Huntly-Del Park) from 1993-2016, all on SCP.	
<i>Grevillea crowleyae</i>	-	-	P2	Assess2 253	P, S and T dominant (lateritic soils).	Aug-Nov	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	2 locations on eastern edge of NJF (WAH 1998-). Populations ranging from 'few scattered' plants, 21 plants. >175 plants to 'frequent' (WA Herbarium 1998-). No records within 10km of the Mine DEs (DBCA search).	
<i>Grevillea ornithopoda</i>	-	-	P2	DBCA, Assess2 253	Recorded in D. Moderate likelihood to occur in P, S, T (lateritic soils), A, C, D, E and W (valleys and swamps) dominant.	May-Nov	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Possible	Suitable habitat likely to be present and there are recent records within 20km.	17 locations in the NJF and the Swan Coastal Plain (WAH 1998-). Populations ranging from single plants to 52 plants (WAH 1998-). 1 location recorded in the Holyoake area in 2020 (Mattiske 2021a) 13 records within 10km of Mine DEs from 1988-2019, 2 of which are on the SCP and 11 are either 2-10km from Huntly Mine DE (Huntly-Del Park) or 4-10km from Willowdale Mine DE (Keats).	
<i>Johnsonia pubescens</i> subsp. <i>cygnorum</i>	-	-	P2	DBCA	Grey-white-yellow sand. Flats, seasonally wet sites.	Sep to Dec or Jan	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). 4 records within 10km of the Mine DEs, all on SCP.	
<i>Lepyrodia curvescens</i>	-	-	P2	DBCA	Sand, laterite. Seasonally inundated swampland.	Sep-Nov	Recorded	2-5 plants at one location in O'Neil area (2009 - DBCA search).	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Distribution all on SCP except one record in NJF (WAH 1998-). 2 records within 10km of Mine DEs, one inside Huntly Mine DE (Myara-O'Neil) from 2009 and one on SCP from 2005.	
<i>Leucopogon</i> sp. <i>Busselton</i> (D. Cooper 243)	-	-	P2	DBCA	N/A	N/A	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). One record within 10km of Mine DEs, on SCP.	
<i>Millotia tenuifolia</i> var. <i>laevis</i>	-	-	P2	Assess2 253	P, S, T (lateritic soils), G and R dominant (granite soils).	Sep-Oct	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Multiple locations on SCP, 2 historic records in NJF and 1 in Avon Wheatbelt (WAH 1998-). Populations ranging from 'occasional', 460+ to 1350+ plants (WAH 1998-). No records within 10km of Mine DEs (DBCA search).	
<i>Pterostylis frenchii</i>	-	-	P2	DBCA	Calcareous sand with limestone, laterite. Flattlands and gentle slopes.	N/A	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP (WAH 1998-). One record within 10km of Mine DEs, on SCP.	
<i>Schizaea rupestris</i>	-	-	P2	DBCA	Sand. Gullies, creek banks, shaded moist rock faces.	N/A (fern)	Unlikely	Suitable habitat may be present but there are no nearby recent records.	Possible	Suitable habitat may be present and there are recent records within 20km.	Distribution mostly Warren except 2 historic records in NJF (WAH 1998-). 2 records 4-6km W & SW of Willowdale Mine DE (Wills, Tasman) from 1997, 2000.	
<i>Tetratheca phoenix</i>	-	-	P2	DBCA, Assess2 253	G and R dominant (granite soils). Also PW, PS, E. Brown gravelly loam over granite. Mid-upper slopes, often near large rock outcrops.	Sep-Oct	Recorded	310 plants at 136 locations (Ecologia 2024 - 151 plants)	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	2 locations in the NJF region (WAH 1998-). Populations ranging from 'occasional, scattered locally', >20 plants to 'frequent' (WAH 1998-). 1 record inside Huntly Mine DE (Myara, 2007) and 10 records 5-6km NE of Huntly Mine DE (Myara-O'Neil) from 2004-2016.	
<i>Acacia drummondii</i> subsp. <i>affinis</i>	-	-	P3	DBCA, Assess2 253	Recorded in D, PS and S. Moderate likelihood to occur in P, S and T dominant (lateritic soils).	Jul-Aug	Recorded	2-5 plants at 1 location (2008, DBCA search)	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	1 location S of Perth in SCP, rest are N of Perth in NJF, SCP and Avon Wheatbelt regions (WAH 1998-). Populations ranging from a few plants, 'locally common' to 50 plants (WAH 1998-). 4 plants at 3 locations recorded in 2020 7-14 km N of Huntly Mine DE (Mattiske 2021a). 1 record inside Huntly Mine DE (Myara) from 2008.	
<i>Acacia horridula</i>	-	-	P3	DBCA, Assess2 253	Recorded in AD. Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils).	May-Aug	Recorded	42 plants at 16 locations (Biologic 2024b - 21 plants)	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Several records in NJF (WAH 1998-). 2 plants at 1 location recorded in Myara North area in 2020, ~8km N of Huntly Mine DE (Mattiske 2021a) 30 records within 10km of Mine DEs from 1976-2009; 3 of which are inside Huntly Mine DE (Huntly-Del Park) from 1995-2009, 1 is ~3km SW of Huntly Mine DE (Myara-O'Neil) from 1994, remainder are ~5km NW of Huntly Mine DE (Myara-O'Neil).	

Scientific Name	Common Name	EPBC Act	BC Act/ DBCA	Source	Assoc SVT or habitat where SVT unknown	Flowering Period	LOO - Huntly	Presence Text - Species or habitat - Huntly Mine DE	LOO - Willowdale	Presence Text - Species or habitat - Willowdale Mine DE	Distribution	Key potential threats (Threatened spp)
<i>Acacia oncinophylla</i> subsp. <i>oncinophylla</i>		-	P3	DBCA, Assess2 253	High likelihood to occur in G and R dominant (granite soils).	Aug-Oct	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	73 locations in the Northern and Southern Jarrah Forests, Avon Wheatbelt and Swan Coastal Plain regions (WAH 1998-). Populations range from a couple plants, 10 plants to 101 plants (WAH 1998-). 1 record ~8km N of Huntly Mine DE (Myara-O'Neil), from 2013, 1 record ~3km S of Huntly Mine DE (Huntly-Del Park) from 1986 and 1 from SCP.	
<i>Actinotus repens</i>		-	P3	DBCA	sandy clay and mud in valleys along creek-lines and edges of other water channels, amongst Eucalyptus or Melaleuca dominated woodland	Jan-Mar	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Most records from SJF and Warren S of Margaret River except 2 records from NJF (WAH 1998-). 3 records 4-7km W of Willowdale Mine DE from 2000-2020.	
<i>Andersonia</i> sp. <i>Audax</i> (F. Hort, B. Hort & J. Hort 3179)		-	P3	DBCA, Assess2 253	Recorded in G, E, P and PL vegetation types. High likelihood to occur in P, S, T (lateritic soils), G, R (granite soils) and A, C, D, E and W (valleys and swamps) dominant.	Oct-Nov	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Multiple records in the NJF region (WAH 1998-). Large populations ranging from 100+ to upwards of ~16,000 plants (WAH 1998-). 17,646 plants at 4 locations recorded in the Myara North area in 2020 (Mattiske 2021a) 25 records 1-8km NE of Huntly Mine DE (Myara-O'Neil) from 2000-2008.	
<i>Boronia capitata</i> subsp. <i>gracilis</i>		-	P3	DBCA	White/grey or black sand. Winter-wet swamps, hillslopes.	Jun-Nov	Recorded	2 populations, each of 5-10 plants recorded in 2004. Suitable habitat likely to be present.	Unlikely	Suitable habitat likely to be present but there are no nearby recent records.	Almost exclusively SCP except S of Bunbury. 2 records inside Huntly Mine DE (Huntly-Del Park) near Serpentine Dam from 2004.	
<i>Byblis gigantea</i>		-	P3	DBCA	Sandy-peat swamps. Seasonally wet areas.	Sep to Dec or Jan	Unlikely	Suitable habitat may be present but there are no recent nearby records.	Unlikely	Suitable habitat may be present but there are no recent nearby records.	SCP near Perth and 5 records in NJF from S of Armadale to Mandurah (WAH 1998-). Nearest record ~8km E of Huntly Mine DE (Myara-O'Neil) from 1877.	
<i>Chamaescilla gibsonii</i>		-	P3	DBCA	Clay to sandy clay. Winter-wet flats, shallow water-filled claypans.	Sep	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Almost exclusively SCP (WAH 1998-). Nearest records 4-6km SW of Huntly Mine DE (Huntly-Del Park) from 1994-2006, all on SCP.	
<i>Chordifex gracilior</i>		-	P3	DBCA	Peaty sand. Swamps.	Sep-Dec	Unlikely	Suitable habitat may be present but there are no recent nearby records.	Unlikely	Suitable habitat may be present but there are no recent nearby records.	Distribution SCP S of Bunbury and JAF further S (WAH 1998-). Nearest record is one population ~10km SE of Huntly Mine DE (Myara-O'Neil) from 1996, near Boddington Gold Mine.	
<i>Conospermum scaposum</i>		-	P3	2023-24 Targeted Surveys	Recorded in DA. Moderate likelihood to occur in A, C, D, E and W dominant (valleys and swamps). White-grey sand, sandy clay. Low swampy areas, road verges.	Oct to Dec or Jan to Feb.	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	47 locations in the NJF (3 locations on eastern edge), SCP, Avon Wheatbelt and Geraldton Sandplains regions (WAH 1998-). Populations range from a few plants, 'locally common' to 6,880 plants (WAH 1998-). 2-5 plants recorded in 1 location in the Myara North area in 2020 (Mattiske 2021a) No records within 10km of Mine DEs (DBCA search).	
<i>Cyathochaeta teretifolia</i>		-	P3	DBCA	Grey sand, sandy clay. Swamps, creek edges.	N/A	Recorded	1 population recorded in 2008. Suitable habitat likely to be present.	Possible	Suitable habitat likely to be present and there are records within 20km.	Multiple records in SCP, SJF and Warren. 2 records in NJF from Lane Poole to Serpentine (WAH 1998-). One record from inside Huntly Mine DE (Myara-O'Neil) from 2008 and one ~4km W of Willowdale Mine DE (Wills) from 1997.	
<i>Dicrastylis reticulata</i>		-	P3	DBCA	Sandy soils, often over granite. Amongst granite rock, hills, flats.	Sep-Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	Almost exclusively in the Avon Wheatbelt and further east, with 2 records in the NJF (WAH 1998-). One record ~6km NE of Huntly Mine DE (Myara-O'Neil) from 2007.	
<i>Dillwynia dillwynioides</i>		-	P3	DBCA	Sandy soils. Winter-wet depressions.	Aug-Dec	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Exclusively SCP (WAH 1998-). One historic record on SCP (DBCA search).	
<i>Eryngium pinnatifidum</i> subsp. <i>Palustre</i> (G.J. Keighery 13459)		-	P3	DBCA	N/A	N/A	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Exclusively SCP (WAH 1998-). One record on SCP (DBCA search).	
<i>Gastrolobium</i> sp. <i>Asperum</i> (F. Hort 2864)		-	P3	DBCA	Yellow/brown loam, red-brown clay loam, gravel, laterite. Gentle slopes, ridges, breakaways, along graded tracks.	Sep	Possible	Suitable habitat may be present and there are recent records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	Distributed along eastern side of NJF, with one record more central (WAH 1998-). One record ~4km NE of Huntly Mine DE (Myara-O'Neil) from 2008.	
<i>Grevillea dissectifolia</i>		-	P3	DBCA, 2023-24 Targeted Surveys	Moderate likelihood to occur in P, S, T (lateritic soils) and A, C, D, E and W (valleys and swamps) dominant vegetation types.	Jun-Oct	Recorded	238 plants at 128 locations	Unlikely	Suitable habitat likely to be present but there are no nearby records.	62 locations in the NJF region (WAH 1998-). Populations ranging from 2-5 plants to 200+ plants and upwards of 1,000+ plants (DBCA 2007-, WAH 1998-). 18 plants at 12 locations recorded in 2024 <500m outside Huntly Mine DE (Mattiske 2024b) 12 records from 0-9km outside Huntly Mine DE (Myara O'Neil) from 1976-2015 and 1 record ~3km S of Huntly Mine DE (Huntly-Del Park) from 1966.	
<i>Grevillea prominens</i>		-	P3	DBCA, 2023-24 Targeted Surveys	Gravelly loam. Along creeklines.	Sep-Oct	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Highly Likely	Suitable habitat likely to be present and there are recent records within 500m.	Multiple records in NJF (WAH 1998-). 41 plants at 29 locations recorded in 2023 from 1-8km outside the Willowdale Mine DE (Eco Logical 2024) 4 records 7-9km outside Willowdale Mine DE (W of Keats, E of Tasman) from 1979-1996 and 2 records <500m NW of Tasman from 1996 (populations verified by Eco Logical (2024).	
<i>Hakea oldfieldii</i>		-	P3	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T (lateritic soils) and A, C, D, E and W (valleys and swamps) dominant vegetation types.	Aug-Oct	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	3 records in NJF and >50 locations in the Avon Wheatbelt, Esperance Plains, Mallee and SCP (WAH 1998-). Population range from a few plants to upwards of 300 plants (WAH 1998-). 2-5 plants in 1 location recorded in the Holyoake area in 2020 (Mattiske 2021b) 9 records 6-10km SE of Huntly Mine DE from 1996-2020.	
<i>Halganina corymbosa</i>		-	P3	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant.	Aug-Nov	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations on edges of NJF and N o Perth, also SCP (WAH 1998-). Populations ranging from 2-5 plants to ~100 plants (WAH 1998-). One record ~3km Nw of Huntly Mine DE on SCP from 1992.	
<i>Hemigenia microphylla</i>		-	P3	DBCA, 2023-24 Targeted Surveys	Sandy clay, peaty clay, granite. Winter-wet depressions.	Sep-Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	2 locations in NJF to the S of Pinjarra and multiple locations in SCP and Warren (WAH 1998-). 2-5 plants in 1 location recorded in 2020 7-8 km outside the Huntly Mine DE (Mattiske 2021b) 1 record ~9km S of Huntly Mine DE (Myara-O'Neil) from 2001.	
<i>Isopogon autumnalis</i>		-	P3	DBCA	Sandy soils, often in Banksia woodlands	Feb-June	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Distribution mostly SCP and Geraldton Sandplains except for one record in NJF N of Perth (WAH 1998-). 2 records on SCP from 1901, 2003 (DBCA search).	
<i>Lasiopetalum glutinosum</i> subsp. <i>glutinosum</i>		-	P3	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant vegetation types.	Sep-Oct	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several in the NJF, also Avon Wheatbelt and SCP (WAH 1998-). Populations ranging in frequency from 'uncommon', +50 plants to 'common' (WAH 1998-). 3 records 1-4km W of Huntly Mine DE (Myara-O'Neil) from 1989-2002.	
<i>Lasiopetalum membranaceum</i>		-	P3	DBCA	Sand over limestone.	Sep-Dec	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Almost exclusively SCP except 1 historic record in NJF (WAH 1998-). 1 record on SCP from 1942 (DBCA search).	
<i>Lepyrodia heleocharoides</i>		-	P3	DBCA	Moist peaty sand. Dry or seasonally inundated heath or woodland, swamps.	Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat unlikely to be present and there are no nearby records.	Distribution mostly S of Bunbury, except for 1 record near Mundaring in NJF and 1 record on SCP (WAH 1998-). 1 record ~2km W of Huntly Mine DE (Myara-O'Neil) from 2003.	
<i>Meionectes tenuifolia</i>		-	P3	DBCA	Grey sand or grey-brown clay, shallow soils. Seasonally inundated flat, edge of swamp.	Sep-Dec	Possible	Suitable habitat may be present and there are recent records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	Several records in NJF, also SCP (WAH 1998-). 1 record ~2km W of Huntly Mine DE (Myara-O'Neil) from 2002.	
<i>Miriophyllum echinatum</i>		-	P3	DBCA	Clay. Winter-wet flats.	Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Exclusively SCP (WAH 1998-). 3 records all on SCP from 1995-2006.	
<i>Netrostylis</i> sp. <i>Blackwood River</i> (A.R. Annels 3043)		-	P3	DBCA	Creeklines, swamps. Sandy or peaty clay loam. Eucalyptus patens, E. megacarpa woodland, Melaleuca tall shrubland.	N/A	Unlikely	Suitable habitat may be present but there are no nearby records.	Possible	Suitable habitat may be present and there are recent records within 20km.	2 locations in NJF but all other records S of Bunbury (WAH 1998-). 1 records ~2.5km W of Willowdale Mine DE (Wills, Tasman) from 2020.	
<i>Petrophile filifolia</i> subsp. <i>laxa</i>		-	P3	Assess2 253	Moderate likelihood to occur in A, C, D, E and W dominant vegetation types (valleys and swamps).	Nov-Jan	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations in the NJF (WAH 1998-). Populations ranging from 12 plants, 100+ plants, upwards of 1,000+ and 5,000+ plants (WAH 1998-). No records within 10km of Mine DEs (DBCA search).	
<i>Pithocarpa corymbulosa</i>	Corymbose Pithocarpa	-	P3	Assess2 253	Moderate likelihood to occur in G and R dominant (granite soils).	Jan-Apr	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several locations on W edge of NJF, also SCP (WAH 1998-). Populations include 2-5 plants and frequency of 'fairly common in patches' (WAH 1998-). No records within 10km of Mine DEs (DBCA search).	
<i>Schoenus capillifolius</i>		-	P3	DBCA	Brown mud. Claypans.	Oct-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution at latitude of Mine DEs is either SCP or Avon Wheatbelt (WAH 1998-). 2 records W of Huntly Mine DE on SCP from 1993, 2013.	
<i>Schoenus pennisetis</i>		-	P3	DBCA	Grey or peaty sand, sandy clay. Swamps, winter-wet depressions.	Aug-Sep	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution almost exclusively SCP and Geraldton Sandplains, with one record near Donnybrook in SJF (WAH 1998-). 2 records W of Huntly Mine DE on SCP from 2005, 2007.	
<i>Schoenus</i> sp. <i>Waroona</i> (G.J. Keighery 12235)		-	P3	DBCA	Clay or sandy clay. Winter-wet flats.	Oct-Nov	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Distribution exclusively SCP except one record near Collie in SJF (WAH 1998-). 2 records W of Huntly Mine DE on SCP from 2012, 2013.	

Scientific Name	Common Name	EPBC Act	BC Act/ DBCA	Source	Assoc SVT or habitat where SVT unknown	Flowering Period	LOO - Huntly	Presence Text - Species or habitat - Huntly Mine DE	LOO - Willowdale	Presence Text - Species or habitat - Willowdale Mine DE	Distribution	Key potential threats (Threatened spp)
<i>Stackhousia sp. Red-blotched corolla (A. Markey 911)</i>		-	P3	DBCA, Assess2 253	Recorded in PS. Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant.	Sep-Nov	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	3 locations in the NJF, also Avon Wheatbelt and SCP (WAH 1998-). 1 location recorded in the Myara North area in 2020 (Mattiske 2021a) 2 records 2-10km from Huntly Mine DE (Myara-O'Neil) from 1993, 1996.	
<i>Stirlingia divaricatissima</i>		-	P3	DBCA	Yellow sand or sandy loam. Wet depressions.	Oct	Possible	Suitable habitat may be present and there are records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	Distribution almost exclusively in Warren region except for one historic record in NJF near Dwellingup (WAH 1998-). 1 record ~1.5km S of Huntly Mine DE (Huntly-Del Park) from 1995.	
<i>Synaphea pandurata</i>		-	P3	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T dominant (lateritic soils).	Apr-Dec	Possible	Suitable habitat likely to be present and there are recent records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations in NJF (WAH 1998-). Populations ranging from <15, 50 to 100+ plants, upwards of +1000 plants (WAH 1998-). 3 records ~8km NE of Huntly Mine DE (Myara-O'Neil) from 1999, 2009.	
<i>Tetratecha pilifera</i>		-	P3	DBCA	Gravelly soils.	Aug-Oct	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Distribution entirely N of Perth (WAH 1998-). 1 record ~3km SW of Huntly Mine DE (Huntly-Del Park) from 1997.	
<i>Tetratecha similis</i>		-	P3	DBCA	Sandy clay with lateritic boulders.	Aug-Sep	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Distribution on E side of NJF or N of Perth (WAH 1998-). 2 records ~4km E of Huntly Mine DE (Myara-O'Neil) from 1996.	
<i>Thysanotus anceps</i>		-	P3	Assess2 253	P, S, T (lateritic soils), A, C, D, E and W (valleys and swamps) dominant. Recorded in Rehab vegetation type in Holyoake	Oct-Dec	Recorded	18 plants at 18 locations (Biologic 2024b - 9 plants)	Unlikely	Suitable habitat likely to be present but there are no nearby records.	30 locations in the NJF, Geraldton Sandplains and SCP (WAH 1998-). Population frequencies ranging from 2-5 plants, 'occasional' and to 'common' (WAH 1998-). 2-5 plants in 1 location recorded in the Holyoake area in 2020 (Mattiske 2021b) 1 location ~3km W of Huntly Mine DE (Myara-O'Neil) from 2003 and 1 location <500m outside Huntly-Del Park from 1999.	
<i>Acacia oncinophylla subsp. patulifolia</i>		-	P4	DBCA	Granitic soils, occasionally on laterite.	Aug-Nov or Nov-Dec	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Mostly SCP but one historic record in NJF east of Mine DEs (WAH 1998-). 2 records ~2km SW of Huntly Mine DE (Myara-O'Neil) from 1995, 1 record from SCP.	
<i>Aponogeton hexatepalus</i>		-	P4	DBCA	Mud. Freshwater: ponds, rivers, claypans.	Jul-Oct	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Almost exclusively SCP except for 2 records in SJF S of Bussetton and one historic record near North Dandalup (WAH 1998-). 5 records W of Huntly Mine DE, all on SCP (DBCA search).	
<i>Caladenia speciosa</i>		-	P4	DBCA	White, grey or black sand.	Sep-Oct	Possible	Suitable habitat may be present and there are records within 20km.	Unlikely	Suitable habitat may be present but there are no nearby records.	Almost exclusively SCP except for 2 historic records in NJF, one N of Perth and the other E of the Mine DEs (WAH 1998-). 2 records ~7km NE of Huntly Mine DE (Myara-O'Neil) from 2003, 2005.	
<i>Calothamnus accedens</i>		-	P4	DBCA	Sandy soils over laterite. Road verge.	N/A	Unlikely	Suitable habitat likely to be present but there are no recent nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Mostly N of Perth except one historic record in the NJF near the Mine DEs (WAH 1998-). 1 record <500m N of Huntly Mine DE (Myara-O'Neil) from 1979.	
<i>Calothamnus graniticus subsp. leptophyllus</i>		-	P4	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant.	Jun-Aug	Recorded	154 plants at 12 locations	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple records in the NJF, also SCP (WAH 1998-). Populations ranging from 1 to upwards of 200 plants (WAH 1998-). 80 plants at 2 locations recorded in 2023 <500m outside Huntly Mine DE. 5 records inside Huntly Mine DE (Huntly-Del Park) from from 1979-1996, and 38 records <500m to ~5km outside Huntly Mine DE from 1979-2005.	
<i>Chorizema ulotropsis</i>		-	P4	DBCA	Moist to dry soils, white sand with gravel, laterite, granite. Outcrops, winter damp to dry areas, flats.	Jul-Sep	Unlikely	Suitable habitat likely to be present but there are no recent nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several records through NJF (WAH 1998-). 1 record ~3km S of Huntly Mine DE (Huntly-Del Park) from 1966.	
<i>Cyanothamnus tenuis</i>	Blue Boronia	-	P4	DBCA, Assess2 253	Recorded in PL vegetation type. High likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant.	Aug-Nov	Recorded	62 plants at 14 locations (Mattiske 2024c - 31 plants)	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple records in NJF, also SCP (WAH 1998-). Populations ranging from 1-5 plants, 6-20 plants, to upwards of several hundred and 1,000+ plants (WAH 1998-). 1 plant in 1 location recorded in Myara North area in 2020 (Mattiske 2021a) 20 records from <500m to 2km from Huntly Mine DE from 1983-2005.	
<i>Darwinia thymoides subsp. St Ronans (J.J. Alford & G.J. Keighery 64)</i>		-	P4	Assess2 253	P, S, T (lateritic soils), G, R (granite soils) and A, C, D, E and W (valleys and swamps) dominant.	Oct-Nov	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations in the eastern NJF, also Avon Wheatbelt (WAH 1998-). Populations ranging from 1 plant to 300 plants and known to be both 'uncommon' and 'common' (WAH 1998-). No records within 10km of Mine DEs (DBCA search).	
<i>Drosera occidentalis</i>		-	P4	DBCA	White/black sand over yellow clay, yellow sand, moist brown/grey clay/sand, peaty sand, sandy clay. Damp flats, flood plain.	Oct to Dec or Jan	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Several locations in NJF, also SCP (WAH 1998-). 12 records 4-7km outside Huntly Mine DE from 1985-1990.	
<i>Eucalyptus x graniticola</i>		-	P4	DBCA	Dense heath on granite outcrops on Darling Scarp	May-Nov	Likely	Suitable habitat likely to be present and there are records within 2km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	3 locations on the Darling Scarp between Pinjarra and Yarloop (WAH 1998-). 1 record <500m from Huntly Mine DE (Huntly-Del Park) from 1987.	
<i>Grevillea pimeleoides</i>		-	P4	DBCA, Assess2 253	Moderate likelihood to occur in P, S, T (lateritic soils), G and R (granite soils) dominant.	May-Nov	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple records in the NJF (WAH 1998-). Populations ranging from 1 to upwards of 200 plants (WAH 1998-). 2 records inside Huntly Mine DE (Myara) from 1990 and 5 records from <500m to 8km NE of Huntly Mine DE (Myara-O'Neil) from 1978-2008.	
<i>Hemigenia platyphylla</i>		-	P4	DBCA, 2023-24 Targeted Surveys	PW Sandy & loamy soils. Granite rocks, slopes.	Sep-Nov	Possible	Suitable habitat likely to be present and there are records within 20km.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Almost exclusively E of NJF, except one record near Mine DEs (WAH 1998-). 100 plants in 1 location recorded in Myara North area in 2020 (Mattiske 2021a), which verified DBCA record ~2.5km NE of Huntly Mine DE from 2007.	
<i>Lasiopetalum cardiophyllum</i>		-	P4	DBCA, Assess2 253	P, S, T (lateritic soils), G, and R (granite soils) dominant.	Aug to Dec or Jan	Unlikely	Suitable habitat likely to be present but there are no recent nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations in the eastern NJF, also SJF and Avon Wheatbelt (WAH 1998-). Populations ranging from 1 plant to 20 plants and upwards of 400 plants and 'frequent' (WAH 1998-). 1 record ~7km SE of Huntly Mine DE (Myara-O'Neil) from 1969.	
<i>Ornduffia submersa</i>		-	P4	DBCA	Open water in Wetlands, open depressions, winter wet flats. Sandy clay.	Oct-Nov	Unlikely	Suitable habitat may be present but there are no nearby records.	Unlikely	Suitable habitat may be present but there are no nearby records.	3 records in NJF, SJF, also Avon Wheatbelt, SCP (WAH 1998-). 1 record on SCP from 1993 (DBCA search)	
<i>Parsonia diaphanophleba</i>		-	P4	DBCA, Assess2 253	Recorded in PW vegetation type. Alluvial soils along watercourses.	Jan-Feb or Apr to Jun or Sep	Possible	Suitable habitat may be present and there are records within 20km.	Possible	Suitable habitat may be present and there are records within 20km.	2 locations in NJF between Dwellingup and Boddington, rst on SCP (WAH 1998-). Populations ranging from 6 to upwards of 200 plants (WAH 1998-). 7 locations in NJF 6-10km SE of Huntly Mine DE (Huntly-Del Park) and 7-10km NW of Willowdale Mine DE (Keats) from 1982-2015.	
<i>Pimelea rara</i>	Summer Pimelea	-	P4	DBCA, Assess2 253	P, S, T (lateritic soils) and A, C, D, E and W (valleys and swamps) dominant.	Dec-Jan	Recorded	At least 100 plants in 14 locations	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Multiple locations in the NJF (WAH 1998-). Populations ranging from 'occasional' to 100 plants and upwards of ~1,000 to +2,000 plants (WAH 1998-). 132 plants in 3 locations recorded in Myara North area in 2020 (Mattiske 2021a). 14 records within and 13 outside up to 7km from Huntly Mine DE from 1992-2002.	
<i>Schoenus natans</i>		-	P4	DBCA	Winter-wet depressions.	Oct	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Records spread throughout NJF, SJF, Avon Wheatbelt, SCP (WAH 1998-). 3 records all from SCP (DBCA search).	
<i>Senecio leucoglossus</i>		-	P4	DBCA, Assess2 253, 2023-24 Targeted Surveys	A, C, D, E and W dominant (valleys and swamps).	Aug-Dec	Recorded	1802 plants at 46 locations	Very likely	Suitable habitat likely to be present and there are recent records within 500m.	Multiples locations in the NJF Populations ranging from 'uncommon', 6-20 plants, 50 plants to 'locally common' (WAH 1998-). 104 plants at 28 locations recorded in the Holyoake area in 2020 (Mattiske 2021b). 2118 plants at 383 locations recorded in 2020-2024 between the Mine DEs, from 4-12km outside Huntly Mine DE and 0-15km outside Willowdale Mine DE. 18 records up to 10km from Huntly and Willowdale Mine DEs from 1899-2009.	
<i>Stylidium ireneae</i>		-	P4	DBCA, Assess2 253, 2023-24 Targeted Surveys	Recorded in D, S, ST vegetation types. High likelihood to occur in G, and R dominant (granite soils).	Oct-Dec	Recorded	44 plants at 2 locations (Ecologia 2024 - 10 plants, Biologic 2024b - 2 plants)	Possible	Suitable habitat likely to be present and there are records within 20km.	Multiple locations in the NJF, also SCP (WAH 1998-). Populations of 2-5 plants and ~140 plants recorded (WAH 1998-). 24 plants in 2 locations recorded in 2020 7-8km outside the Huntly Mine DE (Mattiske 2021a, 2021b). 5 records within Huntly Mine DE (Myara-O'Neil) from 2009 and 17 records 2-10km outside Huntly and Willowdale Mine DEs from 1994-2022.	
<i>Stylidium longitubum</i>		-	P4	DBCA	Sandy clay, clay. Seasonal wetlands.	Oct-Dec	Does Not Occur	Distribution exclusively SCP.	Does Not Occur	Distribution exclusively SCP.	Almost exclusively SCP with one historic record in far east of NJF (WAH 1998-). 3 records all on SCP (DBCA search).	

Scientific Name	Common Name	EPBC Act	BC Act/ DBCA	Source	Assoc SVT or habitat where SVT unknown	Flowering Period	LOO - Huntly	Presence Text - Species or habitat - Huntly Mine DE	LOO - Willowdale	Presence Text - Species or habitat - Willowdale Mine DE	Distribution	Key potential threats (Threatened spp)
<i>Styidium scabridum</i>	Moth Triggerplant	-	P4	Assess2 253	High likelihood to occur in T, TS, S, PS, PT, D (lateritic soils)	Sep-Nov	Unlikely	Suitable habitat likely to be present but there are no nearby records.	Unlikely	Suitable habitat likely to be present but there are no nearby records.	53 locations in the NJF, Swan Coastal Plain and Warren regions (DBCA 2007-). Populations ranging from 6 to 20 plants, as well as known to be 'locally frequent' and 'locally occasional' (WAH 1998-). 107 plants in 6 locations recorded in Myara North area in 2020 (Mattske 2021a). No records within 10km of Mine DEs (DBCA search).	