

Taxon	BC Act Status (WA)	EPBC Act Status (Cth)	Flowering Period	Habitat	Likelihood of Occurrence D & T Survey Area	Survey Area
<i>Daviesia dielsii</i>	T	EN	July	Sandy, often gravelly soils.	Unlikely D&T Survey Area is outside this taxon's known distribution.	Unlikely Suitable habitat is present within Survey Area, however nearest record is approximately 30 km from Survey Area; Survey Area is outside this taxon's known distribution.
<i>Drakaea elastica</i>	T	EN	October to November	Winter-wet depressions. Grey sand.	Unlikely No suitable habitat present within D&T Survey Area.	Possible Suitable habitat is present within Survey Area. Nearest record is immediately adjacent to Survey Area; Survey Area is within this taxon's known distribution.
<i>Eleocharis keigheryi</i>	T	VU	August to November	Clay, sandy loam. Emergent in freshwater: creeks, claypans.	Unlikely No suitable habitat present within D&T Survey Area.	Possible Suitable habitat is present within Survey Area. Nearest record is approximately 10 km northwest of Survey Area; Survey Area is within this taxon's known distribution.
<i>Eremophila scaberula</i>	T	EN	August to November	Plains with sandy clay, laterite.	Unlikely No suitable habitat present within D&T Survey Area, and is outside this taxon's known range.	Unlikely This taxon is restricted to Salmon gum woodland, which is not present within Survey Area. Nearest record is approximately 50 km from Survey Area; Survey Area is outside this taxon's known distribution.

Taxon	BC Act Status (WA)	EPBC Act Status (Cth)	Flowering Period	Habitat	Likelihood of Occurrence D & T Survey Area	Survey Area
<i>Eucalyptus absita</i>	P2	EN	February	Laterite, sandy clay with gravel over laterite. Slopes, breakaways.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely Suitable habitat not present within the Survey Area. Survey Area is on the boundary of this taxon's known distribution.
<i>Eucalyptus dolorosa</i>	T	EN	February	Lateritic slopes and breakaways with gravelly/rocky brown loam.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely No suitable habitat is present within Survey Area.
<i>Eucalyptus leprophloia</i>	T	EN	July to November	Breakaways and slopes with grey or white sand or sandy clay over laterite.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely No suitable habitat is present within Survey Area.
<i>Eucalyptus x balanites</i>	T	EN	February, June to July	Plains with brown sandy loam.	Unlikely Suitable habitat is present within D&T Survey Area, however parent taxa (<i>Eucalyptus decipiens</i> and <i>Eucalyptus lane-poolei</i>) do not occur in the Survey Area.	Unlikely Suitable habitat is present within Survey Area, however parent taxa (<i>Eucalyptus decipiens</i> and <i>Eucalyptus lane-poolei</i>) do not occur in the Survey Area. Nearest record is approximately 70 km north of Survey Area; Survey Area is outside this taxon's known distribution.
<i>Goodenia arthrotricha</i>	T	EN	November to March	Granite slopes with brown loam clay.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely No suitable habitat is present within Survey Area.

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<i>Grevillea calliantha</i>	T	EN	April, August to October	Plains and lower slopes with sandy loam over laterite or occasionally ironstone.	Unlikely Although suitable habitat may be present, the D&T Survey Area was systematically searched by the 2024 survey with no individuals of this taxon recorded.	Possible Suitable habitat is present within Survey Area. Nearest record is approximately 6 km north-northwest of Survey Area; Survey Area is on the boundary of this taxon's known distribution.
<i>Grevillea curviloba</i> subsp. <i>incurva</i>	P4	EN	August to October	Grey, white or brown sand or sandy loam. Flats, drainage lines and lower slopes.	Known to Occur Record within the Survey Area is likely planted or a garden escape. Survey Area is outside this taxon's known distribution.	Known to Occur Record within the Survey Area is likely planted or a garden escape. Survey Area is outside this taxon's known distribution.
<i>Hakea megalosperma</i>	T	VU	April to June	High in landscape; hills, breakaways, slopes and flats with white, grey or brown sand or sandy loam over laterite.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely No suitable habitat is present within Survey Area.
<i>Hemiandra gardneri</i>	T	EN	August to November	Plains with yellow or grey sand or clayey sand.	Unlikely D&T Survey Area is outside this taxon's known distribution.	Unlikely Nearest record is approximately 40 km northeast of Survey Area; Survey Area is outside this taxon's known distribution.

Taxon	BC Act Status (WA)	EPBC Act Status (Cth)	Flowering Period	Habitat	Likelihood of Occurrence D & T Survey Area	Survey Area
<i>Leucopogon obtectus</i> Renamed to <i>Styphelia oblecta</i>	T	EN	October to November	Plains with white, grey or yellow sand.	Unlikely D&T Survey Area is outside this taxon's known distribution.	Unlikely Nearest record is approximately 100 km north of Survey Area; Survey Area is outside this taxon's known distribution.
<i>Macarthuria keigheryi</i>	T	EN	September to October	Dunes, plains and low rises above winter-wet areas with white, brown or grey sand or clay loam. Banksia woodland, recently burnt areas.	Unlikely Although suitable habitat may be present, the D&T Survey Area was systematically searched by the 2024 survey with no individuals of this taxon recorded.	Possible Suitable habitat is present within Survey Area. Nearest record is immediately adjacent to west of Survey Area; Survey Area is within this taxon's known distribution.
<i>Ptychosema pusillum</i>	T	VU	September to October	Low plains, slopes and dunes with white or grey sand. Banksia woodland on margins of seasonal wetlands.	Unlikely Although suitable habitat may be present, the D&T Survey Area was systematically searched by the 2024 survey with no individuals of this taxon recorded.	Possible Suitable habitat is present within Survey Area. Nearest record is immediately adjacent with west of Survey Area; Survey Area is within this taxon's known distribution.
<i>Spirogardnera rubescens</i>	T	EN	August to January	Slopes and plains, gravelly sandy loam.	Unlikely Although suitable habitat may be present, the D&T Survey Area was systematically searched by the 2024 survey with no individuals of this taxon recorded.	Unlikely Nearest record is approximately 60 km southeast of Survey Area; Survey Area is outside this taxon's known distribution, and is only known from two disjunct areas.

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<i>Thelymitra dedmaniarum</i>	P4	EN	November to January	Grey loam. Granite.	Unlikely No suitable habitat present within D&T Survey Area.	Unlikely No suitable habitat is present within Survey Area.
<i>Thelymitra stellata</i>	T	EN	September to November	Ridges and tops of lateritic hills with grey or brown sand or loam and lateritic gravel.	Unlikely No suitable habitat present within D&T Survey Area.	Possible Suitable habitat is present within Survey Area.

Table F.2 Likelihood of Occurrence Assessment: Fauna

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
Birds					
<i>Actitis hypoleucos</i>	Common Sandpiper	MI	MI	One record of this species occurs within the Desktop Study Area. The location of this record was provided by NatureMap (2024), and therefore spatial data is unavailable. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	High
<i>Aphelocephala leucopsis</i>	Southern Whiteface	VU		This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. Survey Area lacks Mallee and Acacia woodland habitat preferred by the species.	Very Low

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
<i>Apus pacificus</i>	Fork tailed Swift	MI	MI	This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. Low density species which may occur in any habitat in the region but at low frequency.	Moderate
<i>Botaurus poiciloptilus</i>	Australasian Bittern	EN	EN	There is one historic record (1921) of this species occurring 12 km west of the Survey Area. This is the only known record within the Desktop Study Area. While wetland habitat occurs in the Survey Area contemporary records for the species mostly occur outside of the Survey Area bioregion.	Very low
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper	VU, MI	MI	There are at least two historic records of this species within the Desktop Study Area, both of which lie within the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	Known
<i>Calidris canutus</i>	Red Knot	VU, MI	EN	This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. Typically prefers marine and intertidal habitat but periodically utilizes wetland habitats like those found in the west of the Survey Area.	Very Low
<i>Calidris ferruginea</i>	Curlew Sandpiper	CR, MI	CR	There are at least three records of this species within the Desktop Study Area. One of these records lies within the Survey Area and the other two lies approximately 3 km to the east. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	High

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
<i>Calidris melanotos</i>	Pectoral Sandpiper	MI	MI	This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area; however, the species has a low abundance in Australia.	Very Low
<i>Calidris pugnax</i>	Ruff	MI	MI	A single Ruff was recorded during the Summer BBUS event. The species may use wetland habitats within the Study Area during the non-breeding season.	Known
<i>Calidris ruficollis</i>	Red-necked Stint	MI	MI	There are at least five records of this species within the Desktop Study Area. Two of these records lie within the Survey Area, and the other three lie within 3 km of the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	Known
<i>Calidris subminuta</i>	Long-toed Stint	MI	MI	The Long-toed Stint was detected from the BirdLife database and suitable habitat is present within the Study Area. The species may use wetland habitats within the Study Area occasionally during the non-breeding season.	Moderate
<i>Calyptorhynchus banksii naso</i>	Forest Red-tailed Black-cockatoo	VU	VU	The Forest Red-tailed Black-Cockatoo was recorded during the Winter BBUS event and Basic and Targeted Fauna Survey. The species may use eucalypt woodland or banksia woodland habitats for foraging and roost in tall trees near water sources.	Known
<i>Falco hypoleucos</i>	Grey Falcon	VU	VU	The species occurs in arid and semi-arid Australia, including the Murray-Darling Basin, Eyre Basin, central Australia and Western Australia. Study Area is outside of distribution range.	Very Low
<i>Falco peregrinus</i>	Peregrine Falcon		OS	Not returned by the desktop assessment, but one individual was observed during the 2024 survey. Foraging habitat occurs throughout the Survey area. May nest in larger trees along creek lines.	Known

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
<i>Leipoa ocellata</i>	Malleefowl	VU	VU	While historic occurrence is possible, no suitable habitat remains within Survey Area after extensive clearing.	Very Low
<i>Limosa limosa</i>	Black-tailed Godwit	EN, MI	MI	A single Black-tailed Godwit was recorded during the Summer BBUS event. The species may use wetland habitats within the Study Area during the non-breeding season.	Known
<i>Motacilla cinerea</i>	Grey Wagtail	MI	MI	Extremely rare vagrant. Likely a misidentification of Eastern Yellow wagtail (<i>Motacilla tschutschensis</i>) which is also a rare migrant.	Very Low
<i>Numenius madagascariensis</i>	Eastern Curlew, Far Eastern Curlew	CR		The Far Eastern Curlew was only detected from the PMST database. The species is a specialised marine/intertidal zone forager, and no suitable habitat is present within the Study Area.	Very Low
<i>Oxyura australis</i>	Blue-billed Duck		P4	There are at least nine records of this species within the Desktop Study Area. Two of these records lie within the Survey Area. Suitable habitat occurs in various wetlands and farm dams throughout the Survey Area.	Known
<i>Pandion cristatus</i>	Eastern Osprey	MI	MI	This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	Very Low
<i>Platycercus icterotis xanthogenys</i>	Western Rosella (inland)		P4	There are two records of this species within the Desktop Study Area which were recorded prior to 1980. The closest record lies 5 km north of the Survey Area. May periodically venture into woodland habitats in the Survey Area.	Very Low

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
<i>Plegadis falcinellus</i>	Glossy Ibis	MI	MI	There are at least three records of this species within the Desktop Study Area. Two of these records lie within the Survey Area. Suitable habitat occurs in various wetlands, damplands and farm dans throughout the Survey Area.	High
<i>Pluvialis fulva</i>	Pacific Golden Plover	MI	MI	There is one record of this species within the Desktop Study Area. This record occurs within the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	High
<i>Rostratula australis</i>	Australian Painted Snipe	EN	EN	The Australian Painted Snipe was only detected from the PMST database. No other records are present within the Study Area and the nearest DBCA record is over 20 km away and dated to more than 100 years ago.	Very Low
<i>Sternula nereis nereis</i>	Australian Fairy Tern	VU	VU	The Australian Fairy Tern was only detected from the PMST database and is a Marine species. No suitable habitat in Survey Area.	Very Low
<i>Tringa glareola</i>	Wood Sandpiper	MI	MI	There are three records of this species within the Desktop Survey Area. Two of these records lie within the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area where it was recorded during the survey.	Known
<i>Tringa nebularia</i>	Common Greenshank	EN, MI	MI	There are seven records of this species within the Desktop Study Area. Three of these records lie within the Survey Area. Suitable habitat occurs in the large wetlands in the west of the Survey Area.	Known
<i>Zanda latirostris</i>	Carnaby's Black-Cockatoo	EN	EN	Over 310 records of this species have been recorded within the Desktop Study Area. None of these records were from within the Survey Area.	Known

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Species occurs throughout the Survey Area.					
Fish					
<i>Nannatherina balstoni</i>	Balston's Pygmy Perch	VU	VU	Its current distribution is restricted to waterways within 30 km of the coast in southwestern Western Australia, mainly drainage systems and wetlands in the extreme southwestern corner of the state, between Margaret River and Two People's Bay. Study Area is outside of distribution range and no suitable habitat is present.	Very Low
Mammals					
<i>Dasyurus geoffroii</i>	Chuditch, Western Quoll	VU	VU	There are two records of this species within the Desktop Study Area, both prior to 2001. One of these records lies within the Survey Area and is from 1987. May infrequently occur in woodland habitats.	Very Low
<i>Parantechinus apicalis</i>	Dibbler	EN	EN	While historic occurrence is possible, the species no longer commonly on the mainland due to introduced predators.	Very Low
<i>Phascogale tapoatafa wambenger</i>	South-western Brush-tailed Phascogale, Wambenger		CD	There is one record of this species within the Desktop Study Area. This record is located 12 km west of the Survey Area. May infrequently occur in woodland habitats.	Low
<i>Notamacropus irma</i>	Western Brush Wallaby		P4	There are nine records of this species from within the Desktop Study Area. The closest record lies 8 km southwest of the Survey Area. All records are prior to 1990. May infrequently occur in woodland habitats.	Very Low
<i>Hydromys chrysogaster</i>	Water Rat, Rakali		P4	There are two records of this species from the Desktop Study Area. The closest record lies 9 km south of the Survey Area.	Moderate

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				May occur in wetland habitats.	
Reptiles					
<i>Egernia stokesii badia</i>	Western Spiny-tailed Skink	EN	VU	This species was only detected from the PMST search. There are no records of this species within 20 km of the Survey Area. May infrequently occur in woodland habitats.	Very Low
<i>Neelaps calonotos</i>	Black-striped Burrowing Snake		P3	There are three records of this species within the Desktop Study Area. The closest record lies 10 km west of the Survey Area. Suitable occurs in the study Area in sections of Low Shrubland and Banksia woodland on sandy soils.	Moderate
<i>Pseudemydura umbrina</i>	Western Swamp Tortoise	CR	CR	The Twin Swamps Nature Reserve and Mogumber Nature Reserve populations are maintained with translocated individuals. Inhabits shallow, ephemeral, winter and spring wet swamps on clay or sand over clay soils with nearby suitable aestivation refuges. There are no records of this species within 20 km of the Survey Area.	Very Low
Sharks					
<i>Pristis pristis</i>	Large-tooth Sawfish, Freshwater Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish	EN, MI	P3	Freshwater Sawfish predominantly occur in rivers and estuaries, while large mature animals tend to occur more often in coastal and offshore waters up to 25 m depth. Species require riverine, estuarine or marine habitat. No suitable habitat is present in the Survey Area.	Very Low
Invertebrates					

Scientific Name	Common Name/s	EPBC Act Status (Cth)	BC Act Status (WA)	Habitat	Likelihood of Occurrence
<i>Idiosoma nigrum</i>	Shield-backed Trapdoor Spider, Black Rugose Trapdoor Spider	VU	EN	Inhabits clay soils of eucalypt woodland and Acacia vegetation. Nearest record 39 km east of Project Area.	Very Low



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