

Appendix E

**Additional flora and fauna species
assessment**

Flora and fauna likelihood of occurrence

Species		Habitat	Likelihood
Flora			
<i>Eragrostis crateriformis</i> (Priority 3)	Annual, grass-like or herb, 0.17-0.42 m high. Flowers January to May or July. Clayey loam or clay, creek banks and depressions.	Annual, grass-like or herb, 0.17-0.42 m high. Flowers January to May or July. Clayey loam or clay, creek banks and depressions.	Unlikely to occur No suitable habitat (creek banks and depressions) within the DE.
<i>Goodenia nuda</i> (Priority 4)	Erect to ascending herb, up to 0.5 m high. Flowers yellow, April to August. Seasonally inundated clay soils or sandy soils and drainage lines.	Erect to ascending herb, up to 0.5 m high. Flowers yellow, April to August. Seasonally inundated clay soils or sandy soils and drainage lines.	Unlikely to occur No suitable habitat (Seasonally inundated clay soils or sandy soils and drainage lines) within the DE.
<i>Rothia indica</i> subsp. <i>australis</i> (Priority 3).	Sandy soils. Sandhills and sandy flats.	Sandy soils. Sandhills and sandy flats.	Potential to occur The DE consists of sandy soils and there are records of the species within the vicinity.
Fauna			
<i>Limosa lapponica menzibieri</i> Northern Siberian Bar-tailed Godwit EPBC Act / BC Act: Critically Endangered	Habitats such as large intertidal sandflats, banks, mudflats, estuaries, inlets, harbours, coastal lagoons and bays. Around beds of seagrass and in nearby saltmarsh.	Habitats such as large intertidal sandflats, banks, mudflats, estuaries, inlets, harbours, coastal lagoons and bays. Around beds of seagrass and in nearby saltmarsh.	Unlikely to occur No suitable habitat (coastal shallow tidal areas and estuaries) within the DE.
<i>Rostratula australis</i> Australian Painted Snipe EPBC Act: Endangered	Fringes of swamps, dams and nearby marshy areas. Forages nocturnally on mud-flats and in shallow water.	Fringes of swamps, dams and nearby marshy areas. Forages nocturnally on mud-flats and in shallow water.	Unlikely to occur No suitable habitat (swamps and marshes) within the DE.
<i>Pezoporus occidentalis</i> Night Parrot EPBC Act: Endangered	Nomadic with very large home ranges. <i>Triodia</i> (Spinifex) grasslands and/or chenopod shrublands (Garnett et. al., 2011) in the arid and semi-arid zones.	Nomadic with very large home ranges. <i>Triodia</i> (Spinifex) grasslands and/or chenopod shrublands (Garnett et. al., 2011) in the arid and semi-arid zones.	Unlikely to occur There is a lack of data on the species, however records suggest that the species may occur in Spinifex grasslands. There is some suitable habitat within the DE, but no known local records of populations.
Falco hypoleucos Grey Falcon EPBC Act: Vulnerable	Interior plains, patrolling low over groundcover below treetop level. Lightly timbered country, particularly stony plains and lightly timbered acacia scrublands (Morcombe 2004).	Interior plains, patrolling low over groundcover below treetop level. Lightly timbered country, particularly stony plains and lightly timbered acacia scrublands (Morcombe 2004).	Potential to occur Suitable foraging habitat, but no potential nesting habitat (tall woodland of riparian) within the DE.
<i>Liasis olivaceus barroni</i> Olive Python (Pilbara subspecies) EPBC Act: Vulnerable	Escarments, gorges and water holes in the ranges of the Pilbara region. The species is restricted to the Pilbara region.	Escarments, gorges and water holes in the ranges of the Pilbara region. The species is restricted to the Pilbara region.	Unlikely to occur No suitable shelter habitat and marginal foraging habitat (i.e. lack of escarpments, gorges, riparian and water holes) within the DE.
<i>Macroderma gigas</i> Ghost Bat EPBC Act: Vulnerable	Geographically disjunct colonies occurring in the Pilbara, Kimberley, Northern Territory, the Gulf of Carpentaria, eastern Queensland and western Queensland. Ghost bats move between a number of caves seasonally or as dictated by	Geographically disjunct colonies occurring in the Pilbara, Kimberley, Northern Territory, the Gulf of Carpentaria, eastern Queensland and western Queensland. Ghost bats move between a number of caves seasonally or as dictated by	Unlikely to occur No suitable habitat (caves and rock crevices) within the DE.

Species	Habitat	Likelihood
<p><i>Calidris canutus</i> Red Knot EPBC Act / BC Act: Endangered</p>	<p>weather conditions, and require a range of cave sites. Roost sites include caves, rock crevices and disused mine adits.</p> <p>Inhabit intertidal mudflats, sandflats and sandy beaches of sheltered coasts, in estuaries, bays, inlets, lagoons and harbours; sometimes on sandy ocean beaches or shallow pools on exposed wave-cut rock platforms or coral reefs.</p>	<p>Unlikely to occur No suitable habitat (coastal shallow tidal areas and estuaries) within the DE.</p>
<p><i>Sternula nereis nereis</i> Fairy Tern EPBC Act / BC Act: Vulnerable</p>	<p>Piscivorous (fish-eating) bird. Nests on sheltered sandy beaches, spits and banks above the high tide line and below vegetation</p>	<p>Unlikely to occur No suitable habitat (coastal shallow tidal areas) within the DE.</p>
<p><i>Falco peregrinus</i> Peregrine Falcon BC Act: Other Specially Protected Fauna</p>	<p>Habitat includes cliffs, gorges, timbered watercourses, riverine areas, wetlands, plains, open woodlands, pylons, spires and buildings</p>	<p>Potential to occur The Peregrine Falcon is wide ranging and may occur on at least an occasional basis within the DE.</p>
<p><i>Ctenotus angusticeps</i> Airlie Island Ctenotus EPBC Act: Vulnerable, DBCA: Priority 3</p>	<p>Landward fringe of salt marsh communities in samphire shrubland or marine couch grassland (Maryan et al. 2013) in the intertidal zone along mangrove</p>	<p>Unlikely to occur No suitable habitat (salt marsh) within the DE.</p>