

Final Report

Environmental Impact Assessment: Nunduk Spa Retreat, Seacombe, Victoria

Prepared for

Seacombe West Pty Ltd

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Project manager	Dr Thomas Wright (Senior Ecologist)
Report reviewer	Aaron Organ (Principal Ecologist Director)
Other EHP staff	Dr Lyndsey Vivian (Consultant Botanist), Jordan Whitmore (Botanist)
Mapping	Monique Elsley
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1 INTRODUCTION

1.1 Purpose

Ecology and Heritage Partners Pty Ltd was engaged by Seacombe West Pty Ltd to complete an environmental impact assessment (EIA) for the proposed Nunduk Spa Retreat (the project), located in Seacombe approximately 250 kilometres east of Melbourne. The project will involve the development of a resort and spa facilities on an existing farm, situated to the south of Lake Wellington a wetland of international significance. The purpose of the EIA was to assess the impacts of the project on significant flora and fauna values including native vegetation, wetlands, and threatened species and -ecological communities, and determine the required environmental permits and approvals under relevant environmental legislation and policy, specifically:

- *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth);
- *Environment Effects Act 1978* (Victoria);
- *Flora and Fauna Guarantee Act 1988* (Victoria);
- *Planning and Environment Act* (Victoria), including the Local Planning Scheme and 'Guidelines for the removal, destruction or lopping of native vegetation' (DELWP 2017a);
- *Wildlife Act 1975* (Victoria); and,
- *Catchment and Land Protection Act 1994* (Victoria).

As part of the scope of works Ecology and Heritage Partners Pty Ltd were requested to complete the following tasks:

- Desktop review of relevant biodiversity databases, such as the Victorian Biodiversity Atlas and Protected Matters Search Tool;
- Review previous ecological assessments completed for the project including the avifauna and threatened flora assessment completed by BioUrbem (2017);
- Review engineering, hydrological, environmental and traffic reports completed for the project which are relevant to the EIA;
- Review threatened and migratory shorebird monitoring records for Lake Wellington collected by Birdlife Australia';
- Assess native vegetation extent and quality in accordance with the habitat hectares method;
- Calculate permit and offset requirements for removal of native vegetation in accordance with Victoria's 'Guidelines for the removal, destruction, or lopping of native vegetation' (DELWP 2017a);
- Determine the area required on site to establish a first-party offset site that can provide all the offsets required for the project in accordance with Victoria's 'Guidelines for the removal, destruction, or lopping of native vegetation' (DELWP 2017a);

- Complete a risk assessment of potential ecological impacts of the project, including to native vegetation, threatened species, threatened ecological communities, migratory birds and other sensitive ecological values;
- Report on the implications of project under relevant environmental legislation and policy;
- Demonstrate steps taken by the client to avoid and minimise impacts to native vegetation, and recommend any further steps to be taken during the construction phase of the project.

1.2 Project Description

The Nunduk Spa Retreat is a proposed eco-resort located near Seacombe in eastern Victoria, on the southern shores of Lake Wellington. It will feature:

- A high-end luxury hotel (36 rooms);
- A spa and wellness centre;
- Restaurant;
- Lounge and bar facilities;
- Cultural area;
- 15 secluded villas;
- Secondary building for staff rooms and guest parking;
- Designated walking track between resort and Lake Wellington shoreline;
- Supporting infrastructure, such as:
 - Service road between the main building and parking area;
 - Renewable energy supply;
 - Site-sourced potable water;
 - Wastewater treatment; and,
 - Telecommunications.

Access to the project area will be via existing access roads. The project design has incorporated principles of Ecologically Sustainable Development through the establishment of a green roof on the main building, careful consideration of the location of facilities to avoid and minimise impacts on native vegetation and adjoining Lake Wellington, re-introduction of indigenous species through landscaping, and a low demand on carbon and water. The project aims to be accredited under the Green Building Council of Australia's Green Star project.

The plan overleaf shows the project design. Refer to Figure 1 for a map showing the location of the study area within the context of the surrounding landscape. The project footprint is approximately 9.0 hectares.

PROJECT PLAN

1.3 Site Description

1.3.1 Study Area

The study area is a 91.5 hectare site located on private farming land on the southern shores of Lake Wellington, within the Wellington Shire Local Government Area. It is also situated within the Gippsland Plain bioregion and the jurisdiction of the Western Gippsland Catchment Management Authority. The study area considered a much larger area than the 9.0 hectare project footprint, in order to establish the local context of the ecological values, and to inform the location of infrastructure so as to avoid and minimise impacts to significant flora and fauna (Figure 1).

Lake Wellington forms part of the Gippsland Lakes, which was listed as a Wetland of International Significance listed under the Ramsar Convention in 1982. Wetlands of International Significance are protected under the Commonwealth *Environment Protection and Biodiversity Conservation Act* (EPBC Act). Lake Wellington is one of four permanent deep and shallow water bodies in the Gippsland Lakes. The other lakes are Lake King, Lake Victoria and Jones Bay (Boon et al. 2015).

The study area is flat with subtle changes in topography that are reflected by a sharp transition in vegetation type between ephemeral wetlands in depressions, and scrub and woodland vegetation on the more elevated terrain. The ephemeral wetlands within the study area are listed as under the Department of Environment, Land, Water and Planning's (DELWP) Current Wetlands layer as:

- Lake Coleman (Wetland ID 91036 and 91844); and,
- Unnamed Wetland (Wetland ID 91202).

There are no creeks or rivers within the study area, although artificial channels have been constructed to assist with drainage.

1.3.2 Site History

The study area is part of a 2,000 hectare cropping and sheep-grazing farm owned and managed by the same land-owner since 1982. The study area has been historically used for grazing and cropping, but due to rising salinity levels impacting on soil productivity, cropping has not been undertaken in the study area since 2012. A similar decline in pasture productivity has meant that stock grazing has had to be scaled back.

The impacts of salinity are attributed to the changes to the hydrology of Gippsland Lakes and surrounding catchments. In 1889, a permanent opening between Gippsland Lakes and the ocean was established at Lakes Entrance to allow ship access. Prior to this, the Gippsland Lakes were predominantly a freshwater/brackish ecosystem but the opening allowed seawater to enter the Gippsland Lakes when water levels are low.

The construction of MacLennan's Strait connected Lake Wellington to the rest of the lake system and consequently changed water quality within Lake Wellington. Lake Wellington ceased to be a freshwater ecosystem around the mid-1960s (EPA 2010) and is now brackish to saline with salinity levels increasing (EPA 2015). Eel Grass *Vallisneria* spp. was once dominant through Lake Wellington but has now disappeared as a result of salinity levels and replaced by phytoplankton (EPA 2010).

Lake Wellington has the most variable salinity levels of all the Gippsland Lakes as it is situated at the greatest distance from the opening at Lakes Entrance (Boon et al. 2015). Salinity levels in Lake Wellington peak in late

autumn and are lowest in late spring/early summer. Salinity concentrations in lakes closer to the opening are equivalent to marine levels. The only freshwater systems remaining in the Gippsland Lakes are Macleod Morass and Sale Common, although wetlands and morasses fringing Lake Wellington are mostly freshwater following significant floods (DEWHA 2010).

Lake Wellington receives freshwater flows from the Avon, Thompson and LaTrobe catchments (EPA 2002). These catchments also deliver nutrient inputs which are then transported to the rest of the lake. Reductions in flow from the supplying catchments has contributed to reduced flushing which have further increased salt concentrations. Salinity levels have also risen because of land-clearing in the catchments leading to higher groundwater tables (Boon et al. 2015).

The impacts of salinity on the condition of the environment and native vegetation have been observed within the study area, where there has been:

- Erosion of lake edge reducing the extent of Estuarine Scrub;
- Deterioration in health of overstorey vegetation particularly Gippsland Red Gum *Eucalyptus tereticornis*;
- Loss of understorey shrubs especially Swamp Paperbark *Melaleuca ericifolia*; and,
- Replacement of grassy-understorey by halophytic species such as Rounded Noon-flower *Disphyma crassifolium* subsp. *clavellatum* and Australian Salt-grass *Distichlis distichophylla*.

Further discussion of these changes is provided below (Section 1.3.3).

1.3.3 Changes to Environment

In addition to the larger-scale changes to native vegetation across the broader Gippsland Lakes region that occurred following the opening of the channel to the ocean in the late nineteenth century, there has also been a more recent change in environmental conditions over the past 10-20 years. These changes have been observed within the study area and are attributed to reduced freshwater flows from the surrounding catchments resulting in increased salinity levels. Comparison of photos below clearly demonstrate these changes. This section provides a description of the environmental changes that have occurred in the study area over the past 10-20 years. It includes a description of the current environmental conditions, which are described in greater detail below (Section 2).

Shoreline erosion is a natural process in coastal lagoons, particularly around large-water bodies with long wind fetch distances. However, this process has been accentuated around the Gippsland Lakes (Bird 1978). At least 22 of the 60 kilometres of Lake Wellington's shoreline is currently being eroded and is attributed to the loss of fringing reedbed vegetation exposing to the shoreline to greater wave energy and undermining the unconsolidated silty and sandy substrate (Gippsland Coastal Board 2002). This has resulted in the collapse of standing vegetation particularly Swamp Paper-bark scrub that surrounds much of Lake Wellington including along the northern boundary of the study area (Plate 1 and Plate 2).



Plate 1. Southern edge of Lake Wellington (Seacombe West Pty Ltd 2002).



Plate 2. Southern edge of Lake Wellington (Ecology and Heritage Partners Pty Ltd 01/12/2017).

Gippsland Red Gum is the dominant overstorey tree in most patches of woodland in the local area. The species can persist in saline environments (van der Moezel et al. 1991). However, given the extent of Gippsland Red Gum dieback within the study area, salinity levels have likely exceeded the species' thresholds (Plate 3 and Plate 4). There is an interactive effect of soil salinity and water-logging on Gippsland Red Gum health that has likely exacerbated tree decline given the study area is regularly subjected to inundation (Marcar 1993). Increased nitrogen inputs from fertiliser and stock grazing can be absorbed by vegetation and has been associated with the decline of Gippsland Red Gum trees in the local area (Marsh and Adams 1995). As such, past farming practices are likely to have contributed to tree decline within the study area.

The loss of Swamp Paperbark has been noticeable not just along the lake shoreline, but also within patches of Estuarine Scrub further inland within the study area. The species was the common understorey shrub throughout the study area but is now only present in isolated clumps. Loss of Swamp Paperbark can be seen by comparing aerial photographs from 2004 and 2018, which show an opening up in the understorey of woodland patches in the south of the study area, and loss of Swamp Paperbark along the shoreline (Plate 5, Plate 6, Plate 7 and Plate 8). Photos of the study area from 2004 show clumps of dead Swamp Paperbark trunks indicating the decline of Swamp Paperbark would have commenced well before this time (Plate 4). Like Gippsland Red Gum, the impacts of salinity on Swamp Paperbark is compounded by water-logging which may explain the loss of the species from within the study area (Salter et al. 2007).

Changes in Coastal Saltmarsh cover around Lake Wellington since European Settlement have been difficult to establish. Bird (1965) suggested that Coastal Saltmarsh has invaded following the opening of the Gippsland Lakes to the ocean and replaced freshwater vegetation on the margins. However, Sinclair and Boon (2012), using a variety of information sources including early explorer maps and interpretation of existing and modified landforms, estimated that Coastal Saltmarsh around Lake Wellington could have decreased in extent by a 1/3rd, or increased by eight-fold, depending on which information source was used.

Aerial photography suggests that Coastal Saltmarsh has increased in cover within the study area over the past 10-15 years, commensurate with the rise in salinity levels over this time. Aerial photographs from 2004 indicate large stands of graminoids (possibly Silver Tussock-grass *Poa labillardierei*) interspersed amongst patches of Coastal Saltmarsh (Plate 9) suggesting sharp ecotones between Coastal Saltmarsh and Estuarine Scrub. However, current vegetation mapping (Figure 2) and aerial photography (Plate 6 and Plate 8) show

that within 300 metres of the Lake Shoreline there are now only dense stands of Coastal Saltmarsh, with Estuarine Scrub found restricted to the periphery of patches. There are also no large graminoids found within the study area (Section 2.3.1).

Evidence of salinity driven changes to vegetation composition are also seen in other parts of the study area. Aerial photographs from 2004 show large patches of green grass in the southern half of the study area (Plate 5). During this period, the study area contained a high cover of productive exotic pasture grasses allowing more intensive stock grazing. However, this area now supports large expanses of the native Australian Salt-grass which has recolonized areas previously dominated by introduced pasture grasses and can sustain only a light grazing regime.



Plate 3. Gippsland Red Gum dieback along access track to study area (Seacombe West Pty Ltd 09/11/2017).



Plate 4. Dead Swamp Paperbark trunks (Seacombe West Pty Ltd 2004).



Plate 5. Aerial photograph looking east across study area (Seacombe West Pty Ltd 2004).



Plate 6. Aerial photograph looking east across study area (Seacombe West Pty Ltd 24/02/2018).

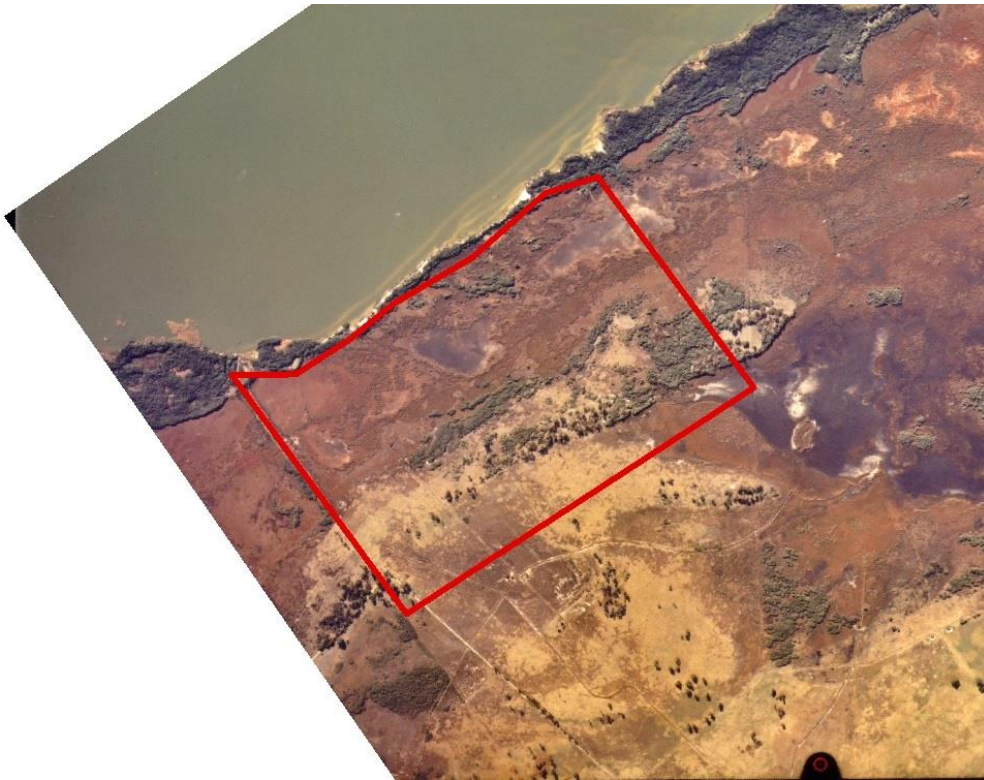


Plate 7. Aerial photograph 1996.



Plate 8. Aerial photograph 2016.



Plate 9. Aerial photograph from 2004 looking east across study area showing patches of grasses (possibly Silver Tussock-grass) amongst Coastal Saltmarsh (Seacombe West Pty Ltd 2004).

2 EXISTING CONDITIONS

2.1 Introduction

This chapter discusses the existing ecological values within the study area. It is based on data collected during three separate ecological studies completed within the study area, and has been supplemented by data available from desktop sources, including Government and Birdlife Australia databases containing records of significant species near the study area. It also establishes the extent and quality of native vegetation present, and calculates the area of native vegetation required for removal to develop the project.

The information obtained as part of the desktop review and field assessment have been used to assess the potential ecological impacts of the project, and to outline the required environmental permits and approvals for the project (Chapters 3 and 4).

2.2 Methods

2.2.1 Desktop Assessment

The following biodiversity databases, literature and information sources were reviewed to ascertain the characteristics and condition of biodiversity with the study area:

- The Victorian Department of Environment, Land, Water and Planning's (DELWP) NatureKit (DELWP 2018a) for the extent of historic and current Ecological Vegetation Classes;
- DELWP's EVC benchmarks (DELWP 2018b) for a description of EVCs likely to occur in the study area;
- DELWP's Victorian Biodiversity Atlas (VBA) for documented flora and fauna records within the study area and surrounding landscape (DELWP 2018c);
- Birdlife Australia's Atlas data (BLA 2018a) and Shorebird 2020 data (BLA 2018b) for records of bird species within the study area and surrounding landscape;
- The Commonwealth Department of the Environment and Energy's (DoEE) Protected Matters Search Tool (PMST) for matters of National Environmental Significance (NES) protected under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), that occur or have potential to occur within the study area or surrounding landscape (DoEE 2018);
- DELWP's Planning Maps Online (DELWP 2018d) and Planning Schemes Online (DELWP 2018e) to ascertain current zoning and environmental overlays in the study area;
- Relevant environmental legislation and policies; and,
- Aerial photography of the study area.

Searches of the VBA and PMST included a buffer of 10 kilometres around the study area to account for any potential under-surveying of the study area in the past, and capture highly mobile species (e.g. birds).

2.2.2 Field Assessment

Study	Dates	Assessor
General flora and fauna study	11 – 14 May 2017 and 5 – 9 October 2017 (daylight hours)	BioUrbem and Doug Frood (BioUrbem 2017)
Avifauna assessment	11 – 14 May 2017 and 5 – 9 October 2017 (sunrise – 11.00 am)	BioUrbem (BioUrbem 2017)
Native vegetation assessment	17 – 19 October 2017 (daylight hours)	Ecology and Heritage Partners Pty Ltd

2.2.2.1 General Flora and Fauna

The general flora and fauna assessment was undertaken to determine the diversity of native and introduced species across the study area were recorded. The flora surveys were completed by BioUrbem over four days in May 2017, and five days in October 2017 (BioUrbem 2017).

Within each of the three recorded EVCs, a 900 metre transect was established with a one metre square quadrat established every 50 metre intervals along each transect (total of 20 quadrats per transect). All vascular flora was identified within the quadrats.

The general fauna surveys involved recording all fauna species observed during the diurnal site visits.

2.2.2.2 Avifauna assessment

Avifauna surveys were conducted along 900 metre transects throughout the study area covering the different areas of suitable habitat. Surveys were conducted at 100 metre intervals (total of 10 surveys per transect and 85 surveys for the entire study area). At each point, surveyors conducted point surveys drawing an imaginary circle with a radius of 20 metres, and recording every bird observed within the circle. In addition, all other bird species that could be identified were also noted.

Surveys were completed between sunrise and 11 am by BioUrbem.

2.2.2.3 Native Vegetation assessment

A native vegetation assessment was undertaken to establish the extent and quality of native vegetation in accordance with Victoria's *Guidelines for the removal, destruction or lopping of native vegetation* 'the Guidelines' (DELWP 2017a) and the *Vegetation Quality Assessment manual* (DSE 2004). Under the Guidelines native vegetation is considered either a patch or scattered tree where a patch is defined as:

- An area of native vegetation where at least 25 per cent of the total perennial understorey cover is native; or,
- Any area where three or more native canopy trees where the drip line of each tree touches the drip line of at least one other tree, forming a continuous canopy; or,
- Any mapped wetland included in the *Current wetlands map*, available in DELWP systems and tools.

A scattered tree is defined as:

- A native canopy tree that does not form part of a patch.

All patches of native vegetation were assessed against the condition thresholds/listing statements for threatened ecological communities listed under Commonwealth and State environmental legislation and policy.

2.2.3 Likelihood of Occurrence Assessment

A likelihood of occurrence assessment was undertaken for significant flora and fauna that have been previously been documented within the local area (i.e. VBA or BLA data). This included significant species including listed migratory species recorded within a 10 kilometre radius of the study area, or identified in the Protect Matters Search Tool (DoEE 2018). Additional factors also taken into consideration include: the known biogeographical distribution of the species, underlying geology of existing locality records, vegetation and habitat association, and availability of habitat within the study area.

For every species raised during the desktop assessment, a likelihood of occurrence rating was assigned against the categories outlined below (Table 1 and Table 2). The likelihood of occurrence results were then used to inform potential impacts to significant species and the requirement to undertake targeted surveys.

Table 1. Decision guidelines for determining a flora species likelihood of occurrence within the study area

Likelihood of occurrence	Decision guidelines
1 – Known occurrence	Recorded within the study area recently (i.e. within 10 years).
2 – High	Previous records of the species in the local vicinity; and/or, the study area contains areas of high quality habitat.
3 – Moderate	Limited previous records of the species in the local vicinity; and/or, the study area contains some characteristics of the species' preferred habitat.
4 – Low	Poor or limited habitat for the species however other evidence (such as a lack of records or environmental factors) indicates there is a low likelihood of presence.
5 – Unlikely	No potential habitat and/or outside the species range.

Table 2. Decision guidelines for determining a fauna species likelihood of occurrence within the study area

Likely presence or use of the study area	Decision guidelines
1 – High	<ul style="list-style-type: none"> Known resident in the study area based on site observations, database records, or expert advice; and/or, Recent records (i.e. within five years) of the species in the local area (DELWP 2016d); and/or, The study area contains the species' preferred habitat.
2 - Moderate	<ul style="list-style-type: none"> The species is likely to visit the study area regularly (i.e. at least seasonally); and/or, Previous records of the species in the local area (DELWP 2016d); and/or, The study area contains some characteristics of the species' preferred habitat.
3 – Low	<ul style="list-style-type: none"> The species is likely to visit the study area occasionally or opportunistically whilst en route to more suitable sites; and/or, There are only limited or historical records of the species in the local area (i.e. more than 20 years old); and/or, The study area contains few or no characteristics of the species' preferred habitat.
4 - Unlikely	<ul style="list-style-type: none"> No previous records of the species in the local area; and/or,

Likely presence or use of the study area	Decision guidelines
	<ul style="list-style-type: none"> • The species may fly over the study area when moving between areas of more suitable habitat; and/or, • Out of the species' range; and/or, • No suitable habitat present.

2.3 Results

2.3.1 Native vegetation

Remnant patches of native vegetation cover the entire study area, except for submerged areas. Remnant vegetation within the study area forms part of a larger, contiguous area, of remnant native vegetation that provides important habitat for a range of indigenous flora and fauna.

Remnant native vegetation in the study area is representative of three EVCs: Damp Sands Herb-rich Woodland (EVC 3), Coastal saltmarsh (EVC 9), and Estuarine Scrub (EVC 953). The presence of these EVCs is inconsistent with the modelled pre-1750s native vegetation mapping (DELWP 2017b).

Modelled data predicted the entire study area to be covered by Swamp Scrub (EVC 53). However, the EVC benchmark description for Swamp Scrub is not consistent with the floristics, land type and hydrology of the study area. For instance, the benchmark description states that 'the EVC occurs on alluvial deposits along streams or on poorly drained sites with high nutrient availability'. It is not clear that soils from the study area are from alluvial deposition, and the description also does not refer to saline conditions whereas the descriptions for Coastal Saltmarsh and Estuarine Scrub do. The modelled Swamp Scrub locations also overlap with the Current Wetlands mapped by DELWP, despite Swamp Scrub not being associated with wetlands (although may occur around edges).

Furthermore, the vegetation descriptions of Lake Wellington including the southern sections by Bird (1965) and Sinclair and Boon (2012) both refer to the historical presence of Coastal Saltmarsh. However, modelled EVC data by DELWP does not predict any Coastal Saltmarsh around Lake Wellington. The modelled data also refers to large patches of Deep Freshwater Marsh (EVC 681) surrounding Lake Wellington despite the Lake being significantly affected by salinity.

Detailed information on the EVCs recorded is provided in the sub-sections below. The results show sharp ecotones between EVCs representative of small changes in topography, with Coastal Saltmarsh found in small depressions, Damp Sands Herb-rich Woodland occurring on slightly elevated land, and Estuarine Scrub found in between. These important changes in EVCs with changes in topography is not reflected in the EVC modelled data.

A full list of species recorded within the study area, and habitat hectare scores, are provided in Appendix 1.

2.3.1.1 Patches

Damp Sands Herb-rich Woodland (EVC 3)

Damp Sands Herb-Rich Woodland is described as having a low, grassy or bracken dominated ground cover with a high diversity of herbs, grasses, and orchids. The mid-layer is occupied mostly by large shrubs with a

eucalypt overstorey forming a forest or open woodland canopy cover to 15 metre tall. The EVC has a bioregional conservation status (BCS) of Vulnerable.

Damp Sands Herb-Rich Woodland was found in relatively small patches scattered between the south-western and south-eastern boarder of the study area (Figure 2). The overstorey was characterised by a single eucalypt species, Gippsland Red-gum *Eucalyptus tereticornis* subsp. *mediana*, with a varying density of large old trees (Diameter at Breast Height 'DBH' ≥ 70 cm) between patches (Plates 1-3). The shrub layer is sparse to absent between patches, but typically characterised by two species being Common Boobialla *Myoporum insulare*, and Swamp Paperbark *Melaleuca ericifolia*.

The understory is variable between patches and ranges between a dense to sparse cover of Australian Salt-grass *Distichlis distichophylla*, clusters of Common Tussock-grass *Poa labillardierei*, and scattered occurrences of Rounded Noon-flower *Disphyma crassifolium* subsp. *clavellatum*. Areas with a lower cover of Australian Salt-grass are typically characterised by bare ground with organic litter, and cryptogammic crust cover.

Damp Sands Herb-Rich Woodland was mapped into three habitat zones of differing quality (Figure 2). Habitat zone DSHRW1 was the highest quality remnant (Plate 10) and transitions into the other EVCs within the study area (Plate 13). This habitat zone holds the highest diversity of native flora within the shrub and herb layer, as supports large old trees and bare ground cover which are important factors for facilitating recruitment. Habitat zones DSHRW2 and DSHRW3 progressively decrease in quality showing a reduction to fewer large old trees (i.e. DSHRW2) to no large old trees (i.e. DSHRW3), and a carpeting cover of Australian Salt-grass which has potentially reduced herb diversity (Plate 11 and Plate 12). African Boxthorn *Lycium ferocissimum*, a Weed of National Significance is also found in DSHRW2 and DSHRW3.

Threatened Ecological Community

The EVC does not qualify as a threatened ecological community under the EPBC Act or FFG Act.



Plate 10. Damp Sands Herb-rich Woodland habitat zone 1 (DSHRW1) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 11. Damp Sands Herb-rich Woodland habitat zone 2 (DSHRW2) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 12 Damp Sands Herb-rich Woodland habitat zone 3 (DSHRW3) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 13 DSHRW1 adjacent with Estuarine Scrub habitat zone 3 (ES3) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).

Coastal Saltmarsh (EVC 9)

Coastal Saltmarsh is typically found immediately above marine and estuarine tidal flats characterised by a highly organic peat substrate. Vegetation is characterised by distinct floristic communities as bands or zones occurring in relation to the saline environment. There are a range of life forms including succulent herbs, low succulent shrubs, rushes and sedges. The EVC has a BCS of Least Concern.

Coastal Saltmarsh is the dominant EVC throughout the western section of the study area (Figure 2). The EVC is dominated by two ground covering species Rounded Noon-flower and Beaded Glasswort *Salicornia quinqueflora* which accounted for approximately 90% of the vegetated cover. Beaded Glasswort is generally in poor condition throughout its distribution; however, the Rounded Noon-flower is thriving. The overall plant diversity is low. There are minimal and localised scattered occurrences of Knobby Club-sedge *Ficinia*

nodosa, and Sea Rush *Juncus kraussii* subsp. *australiensis* which are found at the ecotone between Coastal Saltmarsh and Estuarine Scrub EVCs.

Patches of Coastal Saltmarsh are interspersed by waterbodies (Plate 17).

Coastal Saltmarsh was split into three (3) habitat zones of differing quality (Figure 2). Habitat zone CS2 is the highest quality remnant patch contiguous with the larger northern extent of remnant Coastal Saltmarsh (Plate 15). The habitat zone CS2 is found on the shores of Lake Wellington in the ecotone between Coastal Saltmarsh and Estuarine Scrub, and holds a larger diversity of native plants and improved health of the dominant species. Habitat zones CS1 (Plate 14) and CS3 (Plate 16) are similar in structure with low species diversity, but are distinguished by CS3 containing a higher cover of bare ground increasing recruitment potential.

Threatened Ecological Community

Coastal Saltmarsh within the study area qualifies as the EPBC Act-listed subtropical and Temperate Coastal Saltmarsh, which has a listing status of Vulnerable. The EVC does not qualify as a threatened ecological community under the FFG Act.



Plate 14 Coastal Saltmarsh habitat zone 1 (CS1) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 15 Coastal Saltmarsh habitat zone 2 (CS2) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 16 Coastal Saltmarsh habitat zone 3 (CS3) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 17 Permanent waterbodies within the Salt Marsh area (Ecology and Heritage Partners Pty Ltd 18/10/2017).

Estuarine Scrub (EVC 953)

Estuarine Scrub characteristically occurs along the edge of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity and poor drainage conditions. Typically the vegetation is dominated by Swamp Paperbark *Melaleuca ericifolia* with a halophytic ground layer dominated by herbs and graminoids.

Within the study area, Estuarine Scrub is found in lower lying areas along the shores of Lake Wellington, as well as on the landwards of Coastal Saltmarsh patch running through the middle of the study area (Figure 2) Remnant patches are dominated by the characteristic canopy species Swamp Paperbark, as well as the common medium shrub Common Boobialla which occurs in varying densities between habitat zones. The understory comprises a variety of species and life-forms including Rounded Noon-flower and Beaded Glasswort, Salt Groundsel *Scenecio halophilus*, Coast Daisy *Brachyscome parvula*, Love Creeper *Comesperma*

volubile, Nodding Saltbush *Einadia nutans*, Slender Twine-rush *Leptocarpus tenax* and Sea Celery *Apium aff. prostratum* (Tyrendarra).

Estuarine Scrub could be distinguished into four habitat zones (Figure 2). All habitat zones are relatively high in quality with the highest zone being ES3 (Plate 20), which is found abutting the patches of Damp Sands Herb-rich Woodland. The habitat zone ES3 maintains a high diversity of species and lifeforms, similar in composition to ES1 (Plate 18), however contains higher canopy cover. Canopy cover is absent in ES2 and ES4, while these habitat zones also show a progressive reduction in understory composition (Plate 19 and Plate 21). Habitat zone ES4 is the poorest quality patch as the canopy and shrub layer is effectively absent.

The EVC has a BCS of Endangered.

Threatened Ecological Community

The community does not qualify as a threatened ecological community under the EPBC Act or FFG Act.



Plate 18 Estuarine Scrub habitat zone 1 (ES 1) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017)



Plate 19 Estuarine Scrub habitat zone 2 (ES 2) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 20 Estuarine Scrub habitat zone 3 (ES 3) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 21 Estuarine Scrub habitat zone 4 (ES 4) within the study area (Ecology and Heritage Partners Pty Ltd 18/10/2017).

2.3.1.2 Mapped Wetlands (DELWP)

Approximately half of the study area is covered by DELWP mapped wetlands (Figure 2). These wetlands include:

- Wetland 15776;
- Wetland 35064;
- Wetland 16662; and,
- Wetland 35046.

The DELWP modelled condition score was used to determine offsets for areas of the study area supporting mapped wetlands.

2.3.1.3 Scattered Trees

No scattered trees, as defined under the Guidelines were recorded in the study area.

2.3.2 Introduced Vegetation

Exotic plant cover typically occurred as scattered individuals, or localised to farm tracks throughout the study area. Characteristic exotic species within the study area include Buck's-horn plantain *Plantago coronopus*, Flatweed *Hypochaeris radicata*, and Silvery Hair-grass *Aira caryophyllea* subsp. *caryophyllea*. Giant Honey-myrtle *Melaleuca armillaris* subsp. *armillaris* has been planted along the main access track.

A single Weed of National Significance, African Boxthorn *Lycium ferocissimum* is scattered in low numbers across the study area (Plate 22).



Plate 22 African Boxthorn (Ecology and Heritage Partners Pty Ltd 18/10/2017).

2.3.3 Fauna Habitat

The study area consists of three broad habitat-types that align with the different EVCs recorded across the study area. Fifty fauna species were recorded during the field assessments, the majority of which were birds (n=41). Of the nine mammal species recorded, five were introduced. No reptiles or frogs were observed (BioUrbem 2017).

A full list of fauna species recorded in the study area is provided in Appendix 2.1.

2.3.3.1 Coastal Saltmarsh

Coastal saltmarsh consisted of large, expansive plains of Rounded Noon-flower and Beaded Glasswort interspersed by large areas of bare ground most of which contain large surface deposits of salt indicating hyper-saline conditions that prevent the establishment of even salt-tolerant species (Plate 23). Coast

Saltmarsh is associated with feeding, roosting and refuge habitat for resident and migratory shorebirds. Several small wetlands extended into patches of Coastal saltmarsh within the study area, and improve the habitat diversity for shorebirds (Plate 24). Several waders were observed by BioUrbem (2017) in this habitat-type, including Australian Shelduck *Tadorna tadornoides*, Black Swan *Cygnus atratus*, Chestnut Teal *Anas castanea*, Common Tern, Eastern Great Egret, Grey Teal, White-faced Heron *Egretta novaehollandiae* and White-necked Heron *Ardea pacifica*.

Coast saltmarsh provides limited habitat opportunities for small ground-dwelling mammals, as well as amphibians and reptiles.



Plate 23 Bare-ground with salt deposits indicating hyper-saline conditions in areas of Coastal Saltmarsh (Ecology and Heritage Partners Pty Ltd 18/10/2017).



Plate 24 Coastal Saltmarsh interspersed by wetland (Ecology and Heritage Partners Pty Ltd 18/10/2017).

2.3.3.2 Woodland

The patches of Damp Sands Herb-rich Woodland provides habitat for a variety of common native woodland birds. BioUrbem (2017) recorded a total of 23 bird species across within woodland during their assessment, with Noisy Miner *Manorina melanocephala*, Rainbow Lorikeet *Trichoglossus muluccanus*, Australian Magpie *Cracticus tibicen* and Crimson Rosella *Platycercus elegans* the most commonly observed. All species recorded were typical of woodland environments. The common native mammals Eastern Grey Kangaroo *Macropus giganteus*, and Common Wombat *Vombatus ursinus*, were also recorded in woodland habitat. Woodland provides harbour for recorded pest animals such as Hog Deer *Axis porcinus*, European Rabbit *Oryctolagus cuniculus* and Red Fox *Vulpes vulpes*.

Several large Gippsland Red-gum trees are present within woodland habitat. They were mostly of poor health with significant dieback of the canopy (attributed to salinity), although did contain hollows and spouts that are likely to be used by birds and arboreal mammals (Plate 25 and Plate 26).

Understorey shrubs were sparse or absence and therefore there is limited habitat value for ground-dwelling mammals, birds and reptiles that require dense shrub or ground-layer for refuge.



Plate 25 Large tree within woodland habitat (Ecology and Heritage Partners Pty Ltd 17/10/2017).



Plate 26 Large tree within woodland habitat (Ecology and Heritage Partners Pty Ltd 19/10/2017).

2.3.3.3 *Estuarine Scrub*

Vegetation along the boundary of Lake Wellington and further inland along drainage lines contained salt-tolerant shrubs and herbs. The shrub layer is sparse and supports Swamp Paperbark and Common Boobialla which are likely to provide some limited value for woodland birds, or roosting opportunities for wader birds that move along the shorelines of Lake Wellington. Vegetation along the banks of Lake Wellington is in poor health, which is considered a direct result of salinity and bank erosion, with many dead trees and shrubs found in the water and fringes of the lake (Plate 28).

The drainage lines and low-lying depressions inundated with water provide habitat diversity and are likely to support wader birds that move between terrestrial and aquatic environs (Plate 27). For instance, Biorubem (2017) observed Australian Pelican *Pelecanus conspicillatus*, Australian Shelduck, Black Swan, Chestnut Teal, White-face Heron, White-necked Heron and Australian White Ibis *Threskiornis moluccus* within Estuarine Scrub, many of which were also recorded in Coastal Saltmarsh. Many woodland bird species were also recorded in Estuarine Scrub.



Plate 27 Drainage line occurring within patch of Estuarine Scrub (Ecology and Heritage Partners Pty Ltd 18/10/2017).

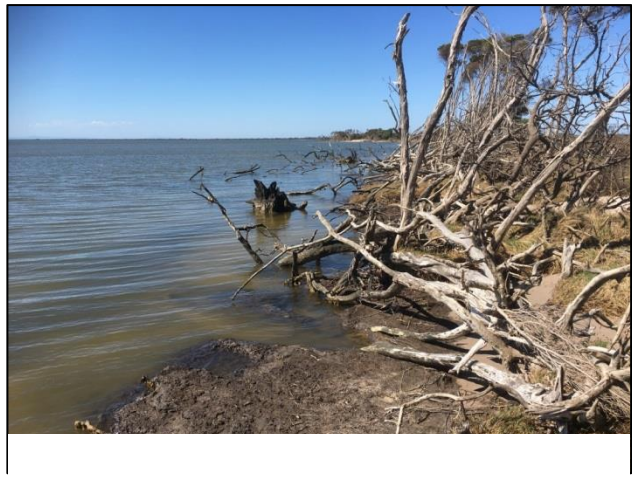


Plate 28 Estuarine Scrub on the shorelines of Lake Wellington with senescing Swamp Paperbark (Ecology and Heritage Partners Pty Ltd 18/10/2017).

2.3.3.4 Aquatic Environments

The study area supports several ephemeral wetlands and drainage lines that were holding water during the field assessments. The southern sections of Lake Wellington were also considered as part of this assignment due to potential disturbances from humans (e.g. noise and movement) that may impact on any resident wader birds or migratory shorebirds.

Aquatic environments support species that can tolerate highly saline conditions. Water-quality monitoring data collected near the study area indicates that salinity levels within Lake Wellington can reach 20 parts per thousand (ppt) and varies considerably depending on rainfall and storm-surges. The banks of Lake Wellington were once lined by reed beds dominated by Common Reed *Phragmites australis*, whilst much of Lake Wellington supported the submerged Ribonweed *Vallisneria australis*. Reeds are largely restricted to fringing wetlands with reduced salinity levels whilst Ribonweed has disappeared entirely from Lake Wellington (Boon et al. 2015). Phytoplankton is now the main food-type in Lake Wellington (Boon et al. 2015).

The gradual erosion of the lake shore-line prevents the establishment of reed beds and other fringing vegetation.

There are a number of dead Swamp Paperbark and Gippsland Red-gum trees located immediately off the Lake Wellington shoreline (Plate 29 and Plate 30). The location of Swamp Paperbark trees indicates the extent of shoreline erosion. Fallen and dead trees would provide roosting habitat for bird species. However, no birds were recorded on or above Lake Wellington during the avifauna assessment by BioUrbem (2017). Migratory shorebirds and wader species would preferentially visit fringing wetlands of Lake Wellington such as Clydebank Morass, Heart Morass, Dowd Morass, Tucker Swamp, Morley Swamp and Salt Lake Backwater Morass, where conditions are more brackish and there is dense fringing vegetation. These wetlands are located between 5 and 15 kilometres from the study area. Migratory shorebird monitoring by Bird Life Australia illustrates the importance of these areas (Figure 4a and 4b).



Plate 29 Shore-line of Lake Wellington with dead Swamp Paperbark trees showing extent of erosion (Ecology and Heritage Partners Pty Ltd 01/12/2017).



Plate 30 Gippsland Red-gum stumps (Ecology and Heritage Partners Pty Ltd 18/10/2017).

2.3.4 Targeted Flora and Fauna Surveys

2.3.4.1 Flora

No significant flora was recorded during the field assessments (Appendix 1.1). Assessments that were undertaken which assessed the floral diversity of the study area included the general flora study and native vegetation assessment. These assessments were undertaken over a sufficient period covering two seasons to identify any significant flora species that may be present.

There are no records for significant flora species within, or in close proximity to the study area (VBA 2018) (Figure 3).

2.3.4.2 Fauna

One nationally-significant fauna species was recorded during the avifauna assessment, Common Tern *Sterna hirundo*. The species is listed as Migratory under the EPBC Act, and was recorded during the October avifauna survey on water-bodies in Coastal Saltmarsh and in Estuarine Scrub.

One State-significant fauna species (Eastern Great Egret) was recorded during the avifauna species. The species is listed as Threatened under the FFG Act, and Vulnerable under the Victorian Advisory List of Threatened Vertebrate Fauna in Victoria (DSE 2013). It was recorded in Estuarine Scrub during the May survey.

The timing, duration and location of the avifauna surveys were sufficient to identify any significant woodland and non-migratory species. However, the timing of the surveys was not considered suitable to adequately address all migratory shorebirds that could potentially occur in the study area. For instance, the October avifauna survey could potentially observe early arrivals, but most migratory shorebirds arrive later in the

year, while species such as Bar-tailed Godwit *Limosa lapponica*, Black-tailed Godwit *Limosa limosa*, Common Greenshank *Tringa nebularia*, Marsh Sandpiper *Tringa stagnatilis*, Red-necked Stint *Calidris ruficollis*, Ruddy Turnstone *Arenaria interpres* and Sharp-tailed Sandpiper *Calidris acuminata* depart their non-breeding grounds in southern Australia before the May survey was undertaken.

No targeted surveys for significant mammals, fish, reptiles or amphibians were undertaken.

2.3.5 Likelihood of Occurrence

2.3.5.1 Significant Flora

Based on the findings of the desktop and field assessment, it is unlikely that any significant flora species occur within the study area. No significant flora species were identified during the field assessments and the field assessments were considered to be of sufficient duration and intensity to identify any significant flora species that may be present. Further, there are no VBA records for significant flora within the study area, and very few records within the last 10 years within 10 kilometres of the study area (Figure 3).

Detailed results of the likelihood of occurrence assessment for significant flora are provided below (Appendix 1.3).

The impacts of salinity along with the historical disturbances of agriculture within the study area are the likely cause for the absence of significant flora.

Recommendation

No further targeted surveys for significant flora are recommended.

2.3.5.2 Significant Fauna

Threatened Fauna

No nationally-threatened fauna species were recorded within the study area during the field assessment. One-listed migratory species (Common Tern) was recorded in the study area. The review of desktop databases identified records for 16 nationally-threatened species within 10 kilometres of the study area (DELWP 2018c), and a further 31 nationally threatened species were identified by the PMST (DoEE 2018) (Appendix 2.2). There are no database records for nationally-threatened fauna species within the study area. There are records of nationally threatened migratory shorebirds and wader birds along the shoreline of Lake Wellington approximately five kilometres east of the study area (Curlew Sandpiper, Bar-tailed Godwit and Fairy Tern), while Australasian Bittern, Red Knot, Curlew Sandpiper, Shy Albatross and Hooded Plover have been recorded within 10 kilometres of the study area, predominantly in fringing wetlands of Lake Victoria and Lake Reeve (Figure 4a).

Only five non-bird species that are nationally threatened have been recorded within the 10 kilometres of the study area (Appendix 2.2). Two of these species are marine mammals (Southern Elephant Seal *Mirounga leonina* and Southern Right Whale *Eubalaena australis*) that would not occur in the study area (i.e. pelagic species). The other three species are New Holland Mouse *Pseudomys novaehollandiae*, Growling Grass Frog *Litoria raniformis* and Green and Golden Bell Frog *Litoria aurea*.

New Holland Mouse has been recorded in the nearby Gippsland Lakes Coastal Park with records 2.5 – 5 kilometres south and south-east of the study area. The species occurs in heathland and heathy-woodland along coastal areas, with high floristic diversity, typically with dense low-vegetation to provide refuge from predators. The population at Gippsland Lakes Coastal Park is found in woodland dominated by Saw Banksia *Banksia serrata*/Shinning Peppermint *Eucalyptus willisii* and heathland dominated by Heath-tree *Leptospermum myrsinoides* (DSE 2003). There is a low potential for the species to occur in the study area. While patches of Damp-sands Herb-rich Woodland are present, the understorey and ground-layer is considered unsuitable (too open) for New Holland Mouse. Further, Damp-sands Herb-rich Woodland has low floristic diversity and not considered to provide the suite of food plants (e.g. seeds from native legumes) that New Holland Mouse requires.

Salinity levels within Lake Wellington are considered too high to support amphibian species. Salinity levels within Lake Wellington measured from a bore near the study area has recorded salinity levels varying between 5 and 20 parts per thousand (ppt) over the past ten years (CJ Arms 2018). However, there is a very low probability of Growling Grass Frog occurring in waterbodies with salinity levels above 1 ppt (Clemens et al. 2015), while Green and Golden Bell Frog does not typically persist in waterbodies with salinity levels above 5 ppt (Christy and Dickman 2002). However, the species has been recorded in wetlands fringing Lake Wellington, including at the Saltwater-Backwater Morass (Figure 4a), by Wildlife Unlimited at Dutsons Downs in 2011, and by Greening Australia in 2014 near Marlay. There are also no records for Growling Grass Frog within 10 kilometres of the study area since 1978 and the species, although resident populations are known to persist at Clydebank, located near the north-western edge of Lake Wellington (A. Organ pers. comm.).

One State-listed significant fauna species (Eastern Great Egret) was recorded in the study area during the field assessment (Appendix 2.1). The species was recorded amongst Estuarine Scrub.

Two State-significant species (Emu *Dromaius novaehollandiae* and Australian Shoveler *Anas rhynchos*) have been recorded (both records from 1981) in Lake Wellington, directly adjoining the study area (Figure 4a). There are also several records of White-bellied Sea-eagle *Haliaeetus leucogaster* in the general vicinity of the study area. The species is likely to regularly flyover the shores of Lake Wellington and inland areas. Many State-significant fauna species have been recorded recently at the Morley Swamp, Salt Lake-Backwater Morass and Tucker Swamp (DELWP 2018c; BLA 2018a, BLA 2018b) (Figure 4a).

Migratory Fauna

One migratory species (Common Tern) was recorded during the avifauna assessment, which was detected on waterbodies in Coastal Saltmarsh and in Estuarine Scrub. The databases records indicate that migratory shorebirds and wader birds have been recorded in large numbers in fringing wetlands around Lake Wellington, including in the past 12 months. There are comparatively few records of migratory shorebirds and wader birds along or away from the shoreline of Lake Wellington, although several records are of importance.

There is a record (1991) for Sharp-tailed Sandpiper *Calidris acuminata* from within the study area while Common Tern and Caspian Tern *Hydroprogne caspia* have been recorded approximately one kilometre to the east of the study area along the shoreline of Lake Wellington (DELWP 2018c). There are also several records for these species in the Salt Lake – Backwater Morass, Tucker Swamp and Lake Coleman which are less than five kilometres from the study area (DELWP 2018c, BLA 2018a). These wetlands are more fresh to

brackish in water quality and contain good cover of reed beds and other vegetation important for migratory birds. Other migratory species recorded in these locations include Pacific Golden Plover *Pluvialis fulva*, Double Banded Plover *Charadrius bicinctus*, Bar-tailed Godwit *Limosa limosa*, Sharp-tailed Sandpiper *Calidris acuminata*, Red-necked Stint *Calidris ruficollis*, Common Greenshank *Tringa nebularia*, Little Tern *Sterna albifrons sinensis*, Latham's Snipe *Gallinago hardwickii* and Glossy Ibis *Plegadis falcinellus*.

The largest concentration of migratory species records in the surrounding 20 kilometres is from Dowd Morass to the west of Lake Wellington, and the western shoreline of Lake Victoria to the east of Lake Wellington (BLA 2018b; Figure 4b).

Recommendations

The study area does not provide important habitat for migratory or threatened species. Compared with the study area, the fringing wetlands of Lake Wellington and adjoining lakes provide important habitat for bird and amphibian species, while the quality and extent of heathland within the study area does not provide suitable habitat to support a resident population of New Holland Mouse.

Given the close proximity of previous records of significant and migratory species, there is potential that a small number of these species may occasionally use ephemeral wetlands within the study area or along the shoreline of Lake Wellington. Common Tern was the only species of significance to be recorded during the avifauna surveys. It has been acknowledged that the survey timing may not have overlapped when most migratory species are present in southern Australia, including Victoria. However, other information sources have been considered when determining the value of the study area for migratory species, such as Birdlife Australia and the Victorian Biodiversity Atlas databases, and habitat mapping. Based on this information, the study area is not considered to provide 'important' habitat for migratory shorebirds, therefore any species that may utilise the study area would only do so on an infrequent or opportunistic basis. The definition of 'important' habitat for migratory shorebirds is provided below (Section 4.1.3.1).

The following species are considered to have a moderate or high likelihood of occurring in the study area. If present, the species are likely to occur as isolated records consisting of an individual or a small number of birds.

Table 3. Significant fauna species with potential to occur in the study area or adjoining area of Lake Wellington

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)
NATIONAL SIGNIFICANCE						
Eastern Curlew	<i>Numenius madagascariensis</i>	1997	4	CR, Mi	-	VU
Great Knot	<i>Calidris tenuirostris</i>	1986	1	CR, Mi	L	EN
Red Knot	<i>Calidris canutus</i>	1996	9	EN, Mi	-	EN
Curlew Sandpiper	<i>Calidris ferruginea</i>	1999	23	CR, Mi	-	EN
Fairy Tern	<i>Sternula nereis nereis</i>	2003	8	VU, Mi	L	EN
Bar-tailed Godwit	<i>Limosa lapponica</i>	1996	6	Mi	-	-
Black-tailed Godwit	<i>Limosa limosa</i>	1993	2	Mi		VU
Common Greenshank	<i>Tringa nebularia</i>	2017	47	Mi		VU

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)
Common Sandpiper	<i>Actitis hypoleucos</i>	2012	7	Mi		VU
Double-banded Plover	<i>Charadrius bicinctus</i>	2013	20	Mi		
Latham's Snipe	<i>Gallinago hardwickii</i>	2017	25	Mi		NT
Marsh Sandpiper	<i>Tringa stagnatilis</i>	2015	7	Mi		VU
Red-necked Stint	<i>Calidris ruficollis</i>	2017	50	Mi		
Ruddy Turnstone	<i>Arenaria interpres</i>	1991	2	Mi	-	VU
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	2017	90	Mi	-	-
White-throated Needletail	<i>Hirundapus caudacutus</i>	2009	9	Mi	-	VU
White-winged Black Tern	<i>Chlidonias leucopterus</i>	1991	5	Mi		NT
STATE SIGNIFICANCE						
Musk Duck	<i>Biziura lobata</i>	2007	53	-	-	
Australasian Shoveler	<i>Anas rhynchotis</i>	2006	64	-	-	VU
Hardhead	<i>Aythya australis</i>	2006	31	-	-	VU
Blue-billed Duck	<i>Oxyura australis</i>	1992	3	-	L	EN
Eastern Great Egret	<i>Ardea modesta</i>	2008	88	-	L	VU
Intermediate Egret	<i>Ardea intermedia</i>	1993	2	-	L	EN
Little Egret	<i>Egretta garzetta nigripes</i>	2008	18	-	L	EN

2.4 The Guidelines

In accordance with Clause 52.17 of the Wellington Shire Planning Scheme, a permit is required to remove, lop or destroy native vegetation where native vegetation is defined under the Clause 72 of the Planning Scheme as 'plants that are indigenous to Victoria, including trees, shrubs, herbs and grasses'.

Clause 52.17-2 requires that all applications to remove, destroy or lop native vegetation must comply with the application requirements specified in the Guidelines. In accordance with the Guidelines information on extent of removals, assessment pathway and offset targets has been provided below.

2.4.1 Vegetation Proposed to be Removed

In accordance with the Guidelines, the assessment pathway for a permit for the removal of native vegetation is determined by the extent of native vegetation and the modelled location category where native vegetation is proposed to be removed (Table 4).

Based on the current development footprint the project would result in the loss of native vegetation within Location 3. The project would also result in the loss of 8.993 hectares of native vegetation. No scattered trees or large trees are proposed to be removed. As such the permit would be assessed under the detailed assessment pathway.

Table 4. Determination of the assessment pathway under the Guidelines.

Extent of native vegetation	Location 1	Location 2	Location 3
Less than 0.5 hectares and not including any large trees	Basic	Intermediate	Detailed
Less than 0.5 hectares and including one or more large trees	Intermediate	Intermediate	Detailed
0.5 hectares or more	Detailed	Detailed	Detailed

2.4.2 Offset Targets

Offset requirements for the project have been calculated by DELWP. The Native Vegetation Removal (NVR) report is presented in Appendix 3.1. The offset requirements are summarised below (Table 5).

Table 5. Offset targets

General Offsets Required	Nil
Species Offsets Required	Pacific Golden Plover (9.809 specific units), Eastern Curlew (9.306 specific units), Whimbrel (10.815 specific units), Grey-tailed Tattler (10.669 specific units), Common Sandpiper (9.085 specific units), Common Greenshank (10.769 specific units), Marsh Sandpiper (9.547 specific units), Red Knot (10.740 specific units), Great Knot (10.709 specific units), Australasian Shoveler (9.958 specific units), Freckled Duck (9.818 specific units), Blue-billed Duck (9.904 specific units), Musk Duck (9.842 specific units), White-bellied Sea-eagle (10.728 specific units), Ruddy Turnstone (6.789 specific units), Lesser Sand Plover (9.821 specific units), Terek Sandpiper (10.615 specific units), Marsh Saltbush (9.903 specific units), Grey Mangrove (9.903 specific units), Creeping Rush (9.903 specific units), Ribbed Thryptomene (9.590 specific units), Bluish Pigface (5.687 specific units), Eastern Water-ribbons (9.437 specific units); Tiny Arrowgrass (5.946 specific units)
Large trees	0

2.4.3 Offset Strategy

Offsets for the project will be achieved by protecting and managing remaining areas of remnant vegetation within the study area as a first-party offset. Land will be secured via a Section 69 Agreement under the *Planning and Environment Act 1987*, and be managed to remove all stock, control pest plants and animals, and undertake works to improve the quality of native vegetation through revegetating areas affected by salinity.

The location of the offset site has not been finalised, although will be in close proximity to the project footprint and will account for any potential interactions with guests and the operation of the resort which may impact on the offset site.

A preliminary Net Gain assessment has been completed based on offsetting the remaining sections of the study area not impacted by the footprint (excluding mapped wetlands), which equates to an area of approximately 64.52 hectares. A gain score of 0.2 per hectare was assumed. The results of the Net Gain assessment indicate that an on-site offset within the areas of the study area not impacted by the project footprint has potential to generate sufficient first party offset credits to meet the project's offset requirements (Table 6) (Appendix 3.2). Offsets for ten species were marginally lower than the required target (Table 6); however, this could be addressed through more intensive management that would increase the gain score, or by increasing the first party offset area into adjoining areas of native vegetation on the same property. There is a significant area of native vegetation of similar EVCs and condition that could be utilised as part of the first party offset site.

A detailed Net Gain Assessment Offset Management Plan will be prepared in accordance with DELWP standards and provided to Wellington Shire Council for approval prior to construction.

Table 6. First-party offset feasibility assessment (credits generated for bolded species are less than target) (Appendix 3.2).

Species	Offset Target (9.0 hectares of clearing)	Offset Site (64.52 hectares)
Australasian Shoveler	9.958	10.848
Blue-billed Duck	9.904	10.786
Bluish Pigface	5.687	4.211
Common Greenshank	10.769	11.733
Common Sandpiper	9.085	11.733
Creeping Rush	9.903	10.512
Eastern Curlew	9.306	10.131
Eastern Water-ribbons	9.437	10.426
Freckled Duck	9.818	
Great Knot	10.709	11.63
Grey Mangrove	9.903	10.516
Grey-tailed Tattler	10.669	11.613
Lesser Sand Plover	9.821	10.815
Marsh Saltbush	9.903	10.512
Marsh Sandpiper	9.547	10.499
Musk Duck	9.842	10.723
Pacific Golden Plover	9.809	10.786
Red Knot	10.740	11.697
Ribbed Thryptomene	9.590	10.429
Ruddy Turnstone	6.789	6.753

Species	Offset Target (9.0 hectares of clearing)	Offset Site (64.52 hectares)
Terek Sandpiper	10.615	11.683
Tiny Arrowgrass	5.946	6.263
Whimbrel	10.815	11.791
White-bellied Sea-eagle	10.728	11.693

2.4.4 Avoidance and Minimisation Statement

In accordance with the Guidelines, any permit to remove native vegetation needs to demonstrate appropriate avoidance and minimisation to impacts to native vegetation.

The ‘Assessor’s handbook – applications to remove, destroy or lop native vegetation’ (DELWP 2017b), states that strategic and site level planning is to be considered when determining avoidance and minimisation. Strategic level planning should consider any relevant planning scheme amendments, precinct planning, or strategic environmental assessments. No such plans, schemes or policies to apply to this project.

The project would impact on approximately 9.0 hectares of native vegetation. The footprint of the project has been significantly reduced during the design process reducing impacts to native vegetation and avoiding impacts to Lake Wellington. This has included a reduction in the extent of Estuarine Scrub removal (an Endangered EVC) removal to 4.21 hectares, and micro-siting the location of the villas to avoid impacts to large trees. Further information on the avoidance and mitigation steps undertaken as part of the project are described below (Section 3.4.1).

3 ECOLOGICAL IMPACTS RISK ASSESSMENT

3.1 Risk Assessment Process

A risk assessment has been undertaken in order to summarise the key risks to ecological values as a result of the project, to inform the environmental approvals and permitting and process, and direct avoidance and mitigation effort to minimise project risks to an acceptable level.

The risk assessment was undertaken in accordance with the Australian New Zealand Risk Management Standard AS/NZS ISO 3100:2009. This method provides a systematic process to quantify the severity of impact to the environment, and identifies where avoidance or management controls identify the risks to the environment.

1. Identify the likely causes for risks to occur
2. Establish likelihood and consequence descriptors
3. Establish outcome descriptors
4. Quantify risk
5. Determine appropriate controls to reduce risk level to an acceptable level.

Environmental outcomes rated 'high-', 'very high-' or 'significant-' risk, as per Table 7 and calculated using the consequence and likelihood descriptors in Table 8.

Table 7. Environmental outcome descriptors

CONSEQUENCE	Likelihood					
		NEGLECTIBLE	MINOR	MODERATE	MAJOR	CATASTROPHIC
RARE	Very Low	Very Low	Very low	Low	Moderate	Moderate
UNLIKELY	Very Low	Very low	Low	Moderate	High	High
POSSIBLE	Very low	Low	Moderate	High	Very High	Significant
LIKELY	Low	Moderate	High	Very High	Significant	Significant
ALMOST CERTAIN	Medium	High	Very High	Significant	Significant	Significant

Table 8. Likelihood and consequence descriptors

Descriptor	Description
Likelihood	
Rare	<u>Probability - <1%</u> Will occur, or is of a continuous nature, or the likelihood is unknown. There is likely to be an event at least once a year or greater (up to or more than 10 times per year). It often occurs in similar environments. The event is expected to occur in most circumstances.
Unlikely	<u>Probability - 1-20%</u> There is likely to be an event on average every one to five years. Likely to have been a similar incident occurring in similar environments. The event will probably occur in most circumstances.

Descriptor	Description
Possible	<u>Probability 21-49%</u> The event could occur. There is likely to be an event on average every five to 20 years.
Likely	<u>Probability 50-85%</u> The event could occur but is not expected. May have heard it discussed as a possibility but an extremely unusual one. A rare occurrence (once per 100 years).
Almost Certain	<u>Probability - >85%</u> The event may only occur in exceptional circumstances. Very rare occurrence (once per 1,000 years). Unlikely that it has occurred elsewhere; and if it has occurred, it is regarded as unique.
Consequence	
Negligible	<p>Where an impact on the ecological value will not result in any change to its viability (e.g. small scale vegetation loss). Negligible impacts are localised and temporary in nature, with no noticeable consequences. They can be effectively mitigated through standard environmental management controls and there are no associated offset requirements. Values affected by negligible impacts are generally:</p> <ul style="list-style-type: none"> • Not listed on any recognised or statutory register; • Recognised locally by relevant suitably qualified experts or organisations; • In a poor to moderate condition as a result of threatening processes which have degraded its intrinsic value; and/or, • Not unique or rare, with numerous representative examples existing in the locality.
Minor	<p>Where an ecological value is of local importance and temporary and transient changes will not adversely affect its viability, provided standard environmental management controls are implemented. Minor impacts are noticeable but highly localised and short-term in nature (e.g. small to medium scale native vegetation/habitat loss, and/or fragmentation of habitat for native species).</p> <p>They can be effectively mitigated through standard environmental management controls and associated offset requirements can be easily met. Values affected by Minor impacts are generally the same as those noted above for Negligible impacts.</p> <p>No detectable impact on Ramsar site.</p>

Descriptor	Description
Moderate	<p>Although reasonably resilient to change, the ecological value would be further degraded due to the scale of the impact or its susceptibility to further change. Moderate impacts directly or indirectly affect ecological values within the broader project locality and are short or moderate-term in nature (e.g. potential for significant impact on significant species, ecological communities and Ramsar site, medium to large scale native vegetation loss/habitat fragment for native species).</p> <p>Impacts can be ameliorated with specific environmental management controls. Rehabilitation is possible and associated offset requirements are achievable. Values affected by Moderate impacts are generally:</p> <ul style="list-style-type: none"> • Recorded as being important at a regional level, and may have been nominated for listing on recognised or statutory registers; • In a moderate to good condition despite being exposed to threatening processes; • Relatively well represented in the systems/areas in which it occurs but its abundance and distribution are limited by threatening processes; and/or, • Subject to threatening processes which have reduced its resilience to change.
Major	<p>Occurs when proposed activities are likely to exacerbate threatening processes affecting the intrinsic characteristics and structural elements of the ecological value. Major impacts are substantial and significant changes that affect ecological values in the project locality and are moderate to long-term in nature. Impacts are potentially irreversible and avoidance through appropriate design responses or the implementation of specific environmental management controls is required (e.g. significant impact on species/ecological communities/Ramsar site/National Park/major deterioration in ecosystem function).</p> <p>Associated offset requirements can be met with difficulty. Values affected by Major impacts are generally:</p> <ul style="list-style-type: none"> • Listed on a recognised or statutory state, national or international register as being of conservation significance; • Intact and retaining intrinsic value; • Unique to the environment in which it occurs, being poorly represented in the region; and/or, • Exposed to threatening processes which have not had a noticeable impact on its integrity.
Catastrophic	<p>Arises when an impact will potentially cause irreversible or widespread harm to an ecological value that is irreplaceable because of its uniqueness or rarity (e.g. extinction of species/ecological communities/Ramsar site, and loss of National Park).</p> <p>Catastrophic impacts are significant changes that affect the region and are long-term or permanent in nature. Values affected by Major impacts are generally the same as those noted above for High impacts.</p>

3.2 Description of Impacts

The risk assessment considered a range of ecological impacts as described below. They include both direct impacts (e.g. vegetation removal and habitat clearing) and indirect impacts (e.g. noise and visual disturbance).

Table 9. Type of impact considered as part of risk assessment

Native vegetation loss	Moderate to large scale native vegetation clearing resulting in loss of threatened ecological communities or threatened EVCs.
Habitat clearing	Loss of habitat for significant species, or large scale loss of native fauna leading to local decline of species diversity.
Habitat fragmentation	Fragmentation of habitat resulting in isolation of species or preventing dispersal across wider landscape. Exposure of patch edge resulting in increased invasion of pest plant and animals, reducing the quality of habitat or native vegetation.
Habitat/native vegetation disturbance	A decline in the quality of habitat or native vegetation as a result of disturbances during construction phase (e.g. laydown areas, access tracks or chemical spill), or during the operation phase (e.g. human disturbance from walking or littering).
Weed Invasion	Introduction or spread of pest plants via construction vehicles or vehicles access the property.
Pest animal invasion	Alteration in habitat structure or quality encouraging the invasion of pest animals.
Pathogens	Introduction of pathogens on vehicles or humans (e.g. shoes) during construction or operation phase, which are a threat to ecological values.
Water pollution	Pollution or contamination of sensitive water-bodies such as Lake Wellington or groundwater as a result of chemical spills, eutrophication, failure of waste-water treatment system, irrigation, salinization, surface-water run-off, etc.
Water quantity	Changes in the levels of sensitive water-bodies such as Lake Wellington or groundwater, as well as surface-water runoff. Includes potential increases in water quantity (e.g. flooding, stormwater run-off or groundwater recharge) and decreases in water quantity (e.g. water pumping from Lake, reduced groundwater recharge, reduce surface water-flows or depressurisation of aquifers).
Noise	Noise from construction machinery, operation of facilities (e.g. desalination pump) or from guests at the resort, resulting in a disturbance to native animals particularly birds and the temporary or permanent loss of species from the study area and surrounds.
Visual	Movement of vehicles and people during construction and operation phase, disturbing native animals particularly birds and leading to a temporary or permanent loss of species from the study area and surrounds.
Contamination	Contamination of soils by chemical spills, failure of waste-water treatment system, exposure of acid sulphate soils etc., resulting in loss of native vegetation or habitat.
Fatality	Injury, harm or death of native animals during vegetation clearing, or as a result of machinery or vehicle strike, or poorly located project infrastructure (e.g. tall buildings, towers or windmills).
Air Pollution	Release of toxic gases to atmosphere or dangerously high levels of greenhouse gases, or particulate matter that could impact on health of local species.

3.3 Results

Table 10. Environmental impacts risk assessment

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
1	Native vegetation	Native vegetation loss	Large-scale loss of important native vegetation, including bioregionally significant EVCs.	Almost Certain	Minor	High	Through an iterative process, the extent of native vegetation removal has been reduced to less than 10 hectares compared to in excess of 20 hectares for early designs. The resort and facilities have been micro-sited to avoid impacting areas of better quality native vegetation by utilising areas of existing bare ground. The extent of Endangered EVCs to be removed is less than X hectares. All native vegetation will be offset in accordance with the Guidelines, with an area much larger than the clearing footprint protected for perpetuity.	Unlikely	Minor	Low
2	Threatened ecological community	Native vegetation loss	Loss of nationally or state-significant ecological community	Almost Certain	Moderate	Very High	Subtropical and temperate coastal saltmarsh is listed as threatened ecological community as Vulnerable. However the loss of the	Possible	Minor	Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
							community is not considered as a significant impact under the EPBC Act (as not a matter of NES) and locally the Coastal Saltmarsh has a BCS of least concern. Further, much of the Coastal Saltmarsh in the study area is believed to have established as a result of rising salinity levels in the past 15-30 years. As above, the extent of native vegetation removal has been minimised through reductions in footprint and micro-siting infrastructure. All losses will be offset in accordance with Guidelines.			
3	Significant flora	Habitat clearing	Loss of nationally or state-significant flora	Rare	Major	Low	Significant flora unlikely to be present in study area. No mitigation proposed	Rare	Major	Low
4	Native vegetation	Pathogens	Introduction and/or spread of <i>Phytophthora cinnamomi</i>	Possible	Minor	Low	It is uncertain whether <i>Phytophthora cinnamomi</i> currently exists at property. Could be introduced by vehicles or shoes. However,	Possible	Minor	Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
							vegetation in study area is poor quality and few susceptible species are still present. Condition of heathy woodland will be regularly monitored for any signs of Phytophthora			
5	Significant fauna - New Holland Mouse	Habitat clearing	Loss of habitat for the nationally significant New Holland Mouse	Rare	Major	Low	New Holland Mouse is unlikely to occur in the study area. No mitigation measures are proposed.	Rare	Minor	Low
6	Significant fauna - Growling Grass Frog and Green and Golden Bell Frog	Habitat clearing	Loss of habitat for nationally significant frog species	Rare	Major	Low	Frogs are unlikely to occur in the study area due to high salinity levels. No mitigations measures are proposed.	Rare	Minor	Low
7	Significant fauna - migratory shorebirds and waderbirds	Habitat clearing	Loss of habitat for EPBC Act-listed migratory and wader bird species	Possible	Major	High	Marginal habitat available for migratory and wader bird species in study area. Original proposal included construction channel and lake which may have resulted in loss of marginal habitat for species. Artificial channel and lake are no longer proposed.	Rare	Minor	Low
8	Significant fauna -	Noise	Noise disturbance during	Likely	Minor	Moderate	The study area is considered to provide	Possible	Minor	Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
	migratory shorebirds and waderbirds		construction and operation resulting in temporary or permanent loss of species from area.				marginal habitat value only. The facilities are located approximately 200 metres from Lake Wellington. Disturbances are most likely from construction machinery which is temporary or people walking along the shoreline. Induction for construction crew will include information on importance of area for migratory shorebirds. Resort will include information on the importance of the area for migratory shorebirds, and what guests can do to protect them.			
9	Significant fauna - migratory shorebirds and waderbirds	Visual	Visual disturbance from vehicles, machinery or humans in close proximity to birds.	Possible	Minor	Low	The study area is considered to provide marginal habitat value only. The facilities are located approximately 200 metres from Lake Wellington. Visual disturbances are most likely from people walking along the shoreline. Induction for construction crew will include	Unlikely	Minor	Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
							information on importance of area for migratory shorebirds. Resort will include information on the importance of the area for migratory shorebirds, and what guests can do to protect them.			
10	Native fauna habitat	Habitat fragmentation	Isolation of species and barriers to movement through landscape	Rare	Moderate	Very Low	Given the landscape context, the extent of habitat removal is insignificant, and movement of fauna through landscape would not be disrupted.	Rare	Moderate	Very Low
11	Native fauna habitat/native vegetation	Weed invasion	Introduction of pest plants during construction phase, or by visitors to the resort, reducing the quality and value of habitat and native vegetation in the local area.	Possible	Moderate	Moderate	A weed management program is currently in place across the broader property, which will continue once the resort is developed. Due to highly saline conditions, few weed species are likely to establish.	Unlikely	Minor	Low
12	Native fauna habitat/native vegetation	Pest animal invasion	Changes in habitat condition resulting in greater presence	Unlikely	Moderate	Low	A pest animal control program is currently in place across the broader property, which will	Rare	Minor	Very Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
			of pest animals				continue once the resort is developed. The proposed development is unlikely to encourage pest animals into the study area.			
13	Native fauna	Fatality	Death of animals during vegetation clearing, or collision with vehicles/boats	Possible	Minor	Low	Habitat to be removed is unlikely to support resident fauna. A trained zoologist will be on site if wombat burrows require excavation. Speeds along access roads will be advertised. No use of watercraft on Lake.	Unlikely	Minor	Low
14	Ramsar Wetland	Water pollution	Failure of wastewater treatment system, eutrophication from irrigation, polluted surface-water runoff	Possible	Major	High	Recycled Water Management Plan to address risks of wastewater treatment system. Land Capability Analysis to determine irrigation regime, surface water collected and treated in swales	Unlikely	Minor	Low
15	Ramsar Wetland	Water quantity	Reduction in water levels in Lake Wellington due to pumping for desalination plant	Rare	Major	Low	The quantity of water extracted from lake is insignificant compared to volume of water in lake. Lake is connected to ocean, so will continue to maintain levels. No	Rare	Major	Low

Number	Matter	Impact	Description	Pre Mitigation			Mitigation	Post Mitigation		
				Likelihood	Consequence	Outcome		Likelihood	Consequence	Outcome
							mitigation proposed.			
16	Ramsar Wetland	Water quantity	Increased run-off leading to higher water levels in Lake Wellington	Rare	Major	Low	The amount of water run-off from hard-surfaces is minimal. Stormwater will be captured in tanks and used for irrigation of green roofs, or treated using swales.	Rare	Minor	Very Low
17	Ramsar Wetland	Contamination	Exposure of acid-sulphate soils during construction process, contaminated Lake Wellington and its environs.	Possible	Major	High	The potential to impact on acid sulphate soils has been mostly avoided through no longer proposing construction of channels/internal lake. Potential for soils to be encountered during laying of foundations for resort. Acid Sulphate Management Plan will be prepared	Unlikely	Minor	Low

3.4 Avoidance and Mitigation of Impacts

3.4.1 Design Phase

During the design phase, impacts to native vegetation and biodiversity values have been reduced and avoided. This has included through selection of the broader study area, as well as refinements to the project footprint during the detailed design phase.

The location of the project within the broader context of the property was chosen based on several factors, including existing environmental conditions, past agricultural practices, accessibility from public roads and commercial viability. Potential operators of the facility have advised that the project needs to be in close proximity to Lake Wellington and surrounding environs to attract tourists to an eco-tourism resort. The general location of the project is of similar or less environmental value than other areas of the property situated a similar distance from Lake Wellington, noting the proposed location has had a long-history of cropping and grazing. Areas of lower environmental significance are found on the property further in land which are still heavily grazed and are dominated by exotic vegetation. Such areas are unsuitable for the project as the project is unlikely to receive sufficient demand from tourists to make the project commercially viable.

Impacts to native vegetation have been further avoided and minimised during the detailed design of the project. The initial design for the project considered developing approximately 50% of the study area, as well as constructing an internal lake that would be filled via a constructed channel to Lake Wellington (Plate 31). Under this scenario, the project would have cleared almost 50 hectares of native vegetation.

Working with the architect, the proponent significantly reduced the footprint of the project whilst maintaining many of the development's features and capacity. The major change in the revised design was to not include the internal lake and channel construction. As such, the potential for the project to impact on the water quality or quantity of Lake Wellington has been significantly reduced.

Following the completion of the ecological surveys in 2017, further refinements were made to the project design. On the advice of ecologists, the location of the hotel and spa area was moved to utilise large areas of bare ground that had been severely affected by salinity as inferred from the extensive surface deposits of salt (Plate 32). The revised location of the hotel and spa facilities reduced the area of native vegetation impacted. The changes were made in an any area mapped by DELWP as a Current Wetland, so eventhough the actual extent of native vegetation removed in this area is minimal, offsets will be obtained assuming the entire wetland is covered by native vegetation in accordance with the Guidelines (DELWP 2017a).

The location of the villas and infrastructure facilities has been micro-sited to avoid impacts to patches of Damp-sands Herb-rich Woodland (Plate 31). This EVC is locally rare as a result of the impacts of salinity and agriculture, and based on advice of ecologists the patches of Damp-sands Herb-rich Woodland within the study area have been preserved at the expense of other EVCs common in the area, namely Coastal Saltmarsh and Estuarine Scrub.

Finally, the location of the villas was further altered to reduce any clearing required as part of the Bushfire Prone Area requirements and to meet a minimum Bushfire Attack Level (BAL) of 12.5. The row of villas to the

south (Plate 32) would have required removal of Damp Sands Herb-rich Woodland and Estuarine Scrub to meet the separation distance requirements in accordance with *AS 3959-2009 Construction of Buildings in Bushfire-prone Areas* (Standards Australia 2009). The villas were subsequently relocated north into Coastal Saltmarsh (Plate 33) that would be considered excluded from management in accordance with Section 2.2.3.2(f) of AS 3959-2009 (Standards Australia 2009). The distance between the villas and any classified vegetation under AS 3959-2009 is approximately 40 metres, greater than the specified distance for Woodland/Scrub vegetation under AS 3959-2009 which is <33 metres.

Through this process of project refinement, the following environmental benefits have been achieved:

- Approximately 80% reduction in native vegetation removals (and possibly even greater when accounting for changes in Current Wetland area);
- Preservation of Damp-sands Herb-rich Woodland EVC, a locally rare EVC with important habitat features namely large Gippsland Red-gum trees; and,
- Preservation of the shoreline of Lake Wellington by jettisoning the internal lake and channel.



Plate 31. Original concept design

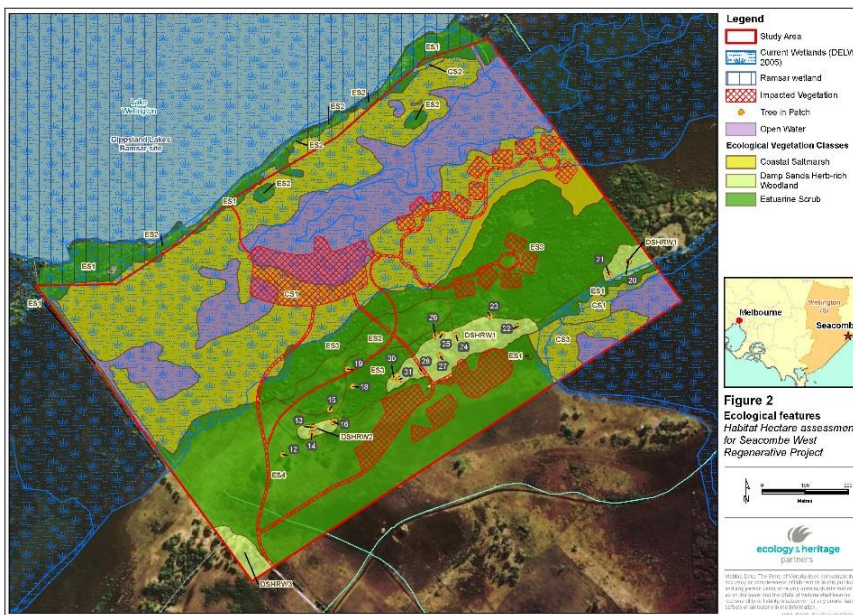


Plate 32. Revised project design

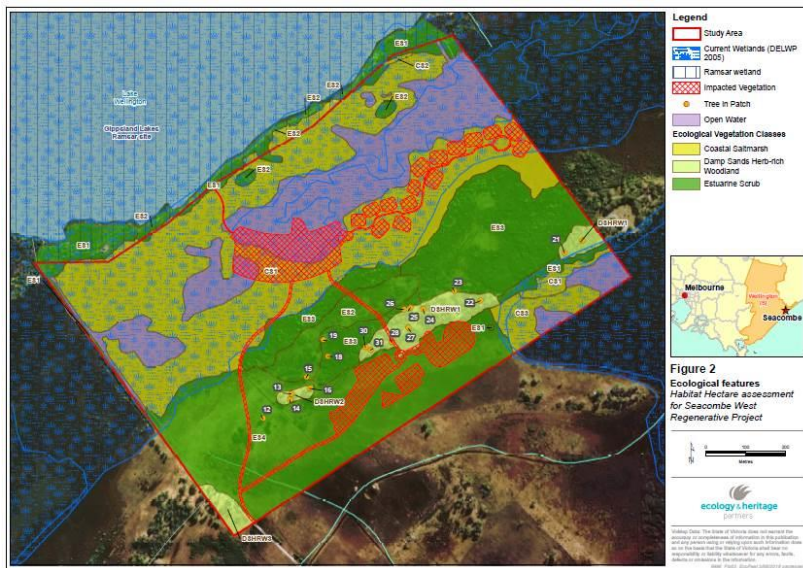


Plate 33. Final construction footprint.

3.4.2 Construction and Operational Phase

An Environmental Management Plan (AECOM 2018) has been prepared that details the avoidance and mitigation measures that will be implemented throughout the life of the project. It includes measures to address potential impacts related to:

- Noise and dust;
- Visual, amenity and access;
- Flora, fauna and ecological communities;
- Acid sulphate soils, erosion and hydrogeology;
- Contamination Management;
- Waste Management;
- Water quality and soil erosion; and,
- Cultural heritage.

The EMP states that several sub-plans will be prepared to address certain environmental impacts, including:

- Construction Environmental Management Plan;
- Water Quality and Soil Erosion Management Plan;
- Recycled Water Management Plan;
- Land Capability Analysis;
- Acid Sulphate Management Plan;
- Stormwater Management Plan;
- Cultural Heritage Management Plan;
- Traffic Management Plan;
- Contaminated Land Management Plan;
- Chemical and Fuel Storage Management Plan;
- Waste Management Plan;
- Water Quality and Soil Erosion Management Plan; and
- Emergency Response Plan

4 LEGISLATIVE AND POLICY IMPLICATIONS

4.1 *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) establishes a Commonwealth process for the assessment of proposed actions likely to have a significant impact on any matters of National Environment Significance (NES), described in Table 11. Any action that is likely to have a significant on a matter of NES should be referred to the Commonwealth Minister of the Environment.

A summary of the potential impacts of the project on matters of NES is summarised in the table below (Table 11) and summarised in the subsequent sub-sections. It is assessed that the project is unlikely to have a significant impact on matters of NES and that an EPBC Act referral is not required for the project.

Table 11. Potential impacts to matters of National Environmental Significance (NES)

Matter of NES	Potential Significant Impact	Further information
World Heritage properties	No. The proposed action will not impact any properties listed for World Heritage.	N/A
National heritage places	No. The proposed action will not impact any places listed for national heritage.	N/A
Wetlands of International Significance	Unlikely. The study area is located on the banks of Gippsland Lakes, a Wetland of International Significance. The project will not directly impact the adjoining Lake Wellington, and indirect impacts (e.g. pollution from wastewater treatment, salinization, surface-water flows) will be mitigated via engineering solutions (e.g. plastic lining of water storage areas, infiltration swales for stormwater), and management (Land Capability Analysis for irrigated farm-land)	Section 4.1.1
Threatened species and ecological communities	Unlikely. The study area is unlikely to impact on threatened species or ecological communities. There are no threatened ecological communities within the project footprint. Threatened species have potential to occur in areas adjoining the project footprint but are unlikely to be impacted.	Section 4.1.2
Migratory species	Unlikely. Lake Wellington is considered nationally important habitat for migratory birds. Migratory shore-bird species are likely to occur within the study area and adjacent areas infrequently, but are unlikely to be dependent on habitat within these areas.	Section 4.1.3
Commonwealth marine area	No. The proposed action will not impact any Commonwealth marine areas.	N/A
Nuclear actions (including uranium)	No. The proposed action is not a nuclear action.	N/A

Matter of NES	Potential Significant Impact	Further information
mining)		
Great Barrier Reef Marine Park	No. The proposed action will not impact the Great Barrier Reef Marine Park.	N/A
Water resources impacted by coal seam gas or mining development	No. The proposed action is not a coal seam gas or mining development.	N/A

4.1.1 Wetlands of International Significance

The EPBC Act-significant impact guidelines 1.1. (DoE 2013) provide guidance on what actions are likely to be considered a significant impact to Wetlands of International Significance. These guidelines have been considered when determining the potential for the proposed development to have a significant impact on Gippsland Lakes, and more specifically Lake Wellington (Table 12). It is assessed that it is unlikely the project would have an impact on Wetlands of International Significance.

Table 12. Significant impact guidelines for Wetlands of International Significance (DoE 2013)

Areas of the wetland being destroy or substantially modified	No. The construction footprint of the project does not impact on Lake Wellington, or propose to change the dimensions of Lake Wellington. The foreshore of Lake Wellington will continue to erode into the project area.
A substantial and measureable change in the hydrological regime of the wetland, for example, a substantial change to the volume, timing, duration and frequency of ground and surface water flows to and within the wetland	No. The desalination plant will draw on 1,000 kL of water from Lake Wellington per day, which will be used as potable water. Waste-water will be treated and not returned to the lake. The volume of water extracted from the lake is insignificant and will not have any impact on surface water levels in the lake. Run-off from pavements and other hard-stand areas will be directed towards infiltration swales. Irrigation of farmland will only proceed subject to a Land Capability Analysis to ensure no environmental impacts, including soil, groundwater, and surface-water. There will be no impact on groundwater levels. Groundwater will be extracted from a deep aquifer approximately 1 kilometre deep to supply the geothermal baths, which is disconnected from the lake hydrological system. The other groundwater aquifer on site is approximately 90 and 100 metres deep and won't be accessed.
The habitat or lifecycle of native species, including invertebrate fauna and fish species, dependant upon the wetland being seriously affected	No Lake Wellington will not be directly impacted by the project. All indirect impacts (e.g. surface-water run-off and waste-water treatment contamination) will be addressed through stormwater management plan, recycled water management plan, water quality and soil erosion management plan and chemical and fuel storage management plan. As such, there are unlikely to be any impacts to native species.
A substantial and measurable change in the water quality of the wetland – for example, a substantial change in the level of salinity, pollutants, or nutrients in the wetland, or water temperature which may adversely impact on biodiversity, ecological integrity, social amenity or human health	No. All untreated waste, geo-thermal facilities and waste-treatment facilities will be located above the 1 in 100 year (+ climate change) flood level. The winter storage area, used to store treated waste water in winter when irrigation demand is low/nil, will be lined with HDPE liner to prevent seepage and surrounded by bunding to height equal to or greater than 1:100 year flood level (+ climate change). All stormwater will be captured and stored in tanks for later use on site for irrigation of green-roof. Waste-water will be treated to Class C standards. Treated waste-water will not be

	<p>used for irrigation on site. Irrigation of farming land approximately 1.5 kilometres south-east of the study area is proposed, subject to a full Land Capability Analysis and the approval of EPA Victoria and Council. Given the distance to Lake Wellington, the highly porous soils and depth to groundwater (approximately 100 metres), the potential for irrigating farming land with treated waste-water to impact Lake Wellington is low.</p> <p>Lake Wellington is already significantly salt-affected because of the opening of the Gippsland Lakes to the sea. The lake is expected to become more saline regardless of whether the project proceeds. The project will not further increase the salinity levels within the lake. Salt discharge from the desalination plant will be returned to the lake at a concentration that won't alter salt concentrations in the lake.</p> <p>A Recycled Water Management Plan will be prepared and subject to the approval of EPA Victoria and Council to ensure the safe storage and treatment of waste-water.</p>
<p>An invasive species that is harmful to the ecological character of the wetland being establish (or an existing invasive species being spread in the wetland</p>	<p>No. The potential for introduction of an invasive species is low. Management measures (e.g. weed and pest animal control and hygiene protocols) will be in place during the construction and operation phase to reduce and hopefully eradicate any potentially harmful invasive species.</p>

4.1.2 Threatened species and ecological communities

4.1.2.1 Threatened Species

The following threatened species have potential to occur in the study area:

- Eastern Curlew;
- Great Knot;
- Red Knot;
- Curlew Sandpiper; and,
- Fairy Tern.

The potential for the project to impact on threatened species has been assessed in accordance with the EPBC Act-significant impact guidelines 1.1 (DoE 2013). Species listed as Critically Endangered and Endangered have been assessed in Table 13, and Vulnerable species in Table 14.

It is unlikely that the project would have an impact on threatened species. Most threatened species with potential to occur in the project footprint are migratory shorebird species that may be found along the shore-line of Lake Wellington. Given the nature of the development, there is unlikely to be any impact on species occupying this area. There will also be mitigation measures during the construction and operational phase of the project to ensure any residual risk is controlled. The New Holland Mouse has potential to occur in areas of Heathy Woodland directly adjoining the study area. The project would not result in any removal of suitable habitat for the species; however, controls will be in place during construction/vegetation clearance to ensure no individual New Holland Mice or injured or harmed.

Table 13. Significant impact criteria for Critically Endangered and Endangered species, i.e. Eastern Curlew, Great Knot, Red Knot and Curlew Sandpiper (DoE 2013)

Lead to a long-term decrease in the size of a population	No. Populations of Eastern Curlew, Great Knot, Red Knot and Curlew Sandpiper would not be impacted by the project.
Reduce the area of occupancy of a population	No. Lake Wellington is approximately 15,000 hectares in size and is connected to the wider Gippsland Lakes system. Migratory shorebird species may occur on occasions in close proximity to the study area along the shoreline of Lake Wellington, although the preferred habitat would be the eastern shores of Lake Wellington. Migratory shorebirds will be able to still access the shorelines of Lake Wellington adjoining the study area, although may be temporarily disturbed by noise and visual disturbance during the construction and operation phase.
Fragment an existing population into two or more populations	No. The project footprint is insignificant compared with the size of Lake Wellington, and would have no impact on species movement.
Adversely affect habitat critical to the survival of a species	No. The study area and adjoining areas does not provide any habitat critical to the survival of these species.
Disrupt the breeding cycle of a population	No. These species breed in the northern hemisphere.
Modify, destroy, remove or isolate or decrease the availability or quality of habitat to the extent that the species is likely to decline	No. The project is unlikely to modify, destroy, remove or isolate or decrease the availability or quality of habitat for these species. The only potential impact is noise and visual disturbance during the construction and operations phase. However, this impact is intermittent and unlikely to result in the decline of any migratory shorebirds.
Result in invasive species that are harmful to a critically endangered or endangered species becoming established in the critically endangered or endangered species' habitat	No. The potential for introduction of an invasive species is low. Management measures (e.g. weed and pest animal control and hygiene protocols) will be in place during the construction and operation phase to reduce and hopefully eradicate any potentially harmful invasive species.
Introduce disease that may cause the species to decline	No. Migratory shorebirds are not susceptible to any diseases that may be present or introduced to the study area.
Interfere substantially with the recovery of the species	No. The recovery of the species would not be impeded by the project.

Table 14. Significant impact criteria for Vulnerable species, i.e. New Holland Mouse and Fairy Tern (DoE 2013)

Lead to a long-term decrease in the size of an important population ¹	No. New Holland Mouse habitat (heathy woodland) will be avoided. The small patch of Damp Sands Herb-rich Woodland that will be removed does not contain suitable New Holland Mouse habitat.
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¹ The EPBC Act-significant impact guidelines 1.1 defines an important population as a population that is necessary for a species' long-term survival and recovery. This may include populations identified as such in recovery plans, and/or that are:

- Key source populations either for breeding or dispersal;
- Populations that are necessary for maintaining genetic diversity; and/or,
- Populations that are near the limit of the species range.

	There are no direct impacts to Fairy Tern habitat.
Reduce the area of occupancy of an important population?	No. There will be no loss of New Holland Mouse habitat. There is no important or limiting habitat for Fairy Tern, and the species is able to occupy adjoining sections of Lake Wellington (although there may be some intermittent noise and visual disturbance). The presence of either species in the study area is unlikely to constitute an important population under the EPBC Act.
Fragment an existing important population into two or more populations?	No. Given the size of Lake Wellington (15,000 hectares) and bushland to be retained around the study area, connectivity for species movement through the landscape will be maintained.
Adversely affect habitat critical to the survival of a species	No. The study area and adjoining sections of Lake Wellington are not considered critical to the survival of New Holland Mouse or Fairy Tern.
Disrupt the breeding cycle of an important population	No. There is no suitable breeding habitat for New Holland Mouse and Fairy Tern within the study area.
Modify, destroy, remove or isolate or decrease the availability or quality of habitat to the extent that the species is likely to decline	No. There is unlikely to be any change in the availability or quality of habitat for New Holland Mouse and Fairy Tern. As such, the project is unlikely to contribute to the species' decline.
Result in invasive species that are harmful to a vulnerable species becoming established in the vulnerable species' habitat	No. The potential for introduction of an invasive species is low. Management measures (e.g. weed and pest animal control and hygiene protocols) will be in place during the construction and operation phase to reduce and hopefully eradicate any potentially harmful invasive species.
Introduce disease that may cause the species to decline	No. Habitat for the New Holland Mouse is susceptible to the soil pathogen <i>Phytophthora cinnamomi</i> . Appropriate hygiene controls will be in place during the construction and operation phase of the project to prevent the introduction or spread of <i>Phytophthora cinnamomi</i> . There are no diseases which pose a potential threat to Fairy Tern.
Interfere substantially with the recovery of the species	No. The recovery of the species would not be impeded by the project.

4.1.3 Listed Migratory Species

Impacts to migratory species have been considered for migratory shorebird species, and all other migratory bird species, in the sub-sections below. It is assessed that the project is unlikely to have a significant impact on listed migratory species, as the study area and adjoining sections of Lake Wellington is not likely to constitute 'important habitat' as defined under the EPBC Act. Lake Wellington is approximately 15,000 hectares, of which the study area may indirectly impact on up to 500 metres from the shoreline adjoining the study area (e.g. noise and visual disturbances). In addition, there is only marginal habitat available for migratory shorebirds within the study area, and higher quality areas of habitat occur on the eastern shoreline over five kilometres away.

4.1.3.1 *Migratory shorebirds*

Significant impacts on migratory shorebirds is assessed in accordance with the EPBC Act Policy Statement 3.21 Industry guidelines for avoiding, assessing and mitigating impacts on EPBC Act listed migratory shorebird species (Commonwealth of Australia 2017).

The following migratory shorebirds have been recorded in or around Lake Wellington, and may occur in the study area or adjoining sections of Lake Wellington:

- Bar-tailed Godwit;
- Black-tailed Godwit;
- Common Greenshank;
- Common Sandpiper;
- Double-banded Plover;
- Eastern Curlew;
- Latham's Snipe;
- Marsh Sandpiper;
- Oriental Plover;
- Red Knot;
- Red-necked Stint;
- Ruddy Turnstone; and,
- Sharp-tailed Sandpiper.

Significant impacts to migratory shorebirds are considered for 'important habitat', where important habitat can either be internationally or nationally important as defined below (Table 15). Latham's Snipe does not typically aggregate in large flocks (although large flocks of up to 90 birds have been recorded (A Organ pers. comm), and the definition of important habitat described below does not apply. Rather, important habitat for Latham's Snipe is defined as areas that have previously been identified as internationally important for the species, or areas that support at least 18 individuals of the species (Commonwealth of Australia 2017).

Lake Wellington and its fringing freshwater wetlands (i.e. Morley Swamp, Heart Morass, Dowd Morass and the Saltwater-Backwater Morass) are likely to meet the definition of nationally important habitat based on the records of Birdlife Australia (Figure 4b). In severe drought it may also provide internationally important habitat as the lake would be one of the few permanent sources of water in the Gippsland Lakes system and provide refuge for migratory shorebirds. Despite the importance of Lake Wellington and its fringing freshwater wetlands for migratory shorebirds, the study area is not considered to provide internationally-, or nationally important habitat for migratory shorebirds. The avifauna surveys by Biourbem did not record a

single migratory shorebird within the study area, or on areas of Lake Wellington visible from the study area². Habitat within the study area and adjoining areas of Lake Wellington is considered marginal, given the lack of fringing aquatic vegetation and freshwater ecosystems, high salinity levels, and erosion of the foreshore. Further, the southern banks of Lake Wellington are subject to wave disturbance from prevailing north and north-westerly winds (Cardno 2018), which would make the shoreline adjoining the study area less suitable for migratory shorebirds as they typically prefer shallow, flat, intertidal areas.

There is potential that small numbers of migratory shorebirds may occur within the study area, or adjoining areas of Lake Wellington on occasions. If present during the construction or operation phase of the project, migratory shorebirds may be disturbed by noise or visual disturbance, and would relocate along the shoreline to other areas of Lake Wellington. Given the size of Lake Wellington (i.e. 15,000 hectares) relative to the area impacted by the project (i.e. 11 hectares including <500 metre radius for noise/visual disturbance), any disturbance to migratory shorebirds would be insignificant.

Table 15. Definition of important habitat for migratory shorebirds (excluding Latham’s Snipe) (Commonwealth of Australia 2017)

Internationally important habitat	Nationally important habitat
1 per cent of the individuals in a population of one species or subspecies of waterbird; or, A total abundance of at least 20 000 waterbirds	0.1 per cent of the flyway population of a single species of migratory shorebird; or, 2000 migratory shorebirds; or, 15 migratory shorebird species.

4.1.3.2 Other-migratory species

In addition to the migratory shorebird species considered above (Section 4.1.3.1), the following migratory species have been recorded in the vicinity of Lake Wellington and have potential to occur in the study area, or areas of Lake Wellington directly adjoining the study area:

- Australasian Bittern;
- Caspian Tern;
- Common Tern;
- Crested Tern;
- Glossy Ibis;
- Little Tern;
- White-throated Needletail; and
- White-winged Black Tern.

² Impacts to Common Tern – a migratory-listed species recorded in the study area– are assessed under different EPBC Act guidelines (Section 4.1.3.2).

Impacts to White-throated Needle-tail are assessed in accordance with the Draft Referral Guideline for 14 birds listed as migratory species under the EPBC Act (DoE 2015), which covers species with broad habitat preferences and wide distributions. Impacts to the remaining seven species are assessed in accordance with EPBC Act Significant Impact Guidelines 1.1 (DoE 2013).

An assessment against the significant impact guidelines for White-throated Needle-tail and the remaining seven species is provided below. It is unlikely that the project would have a significant impact on these migratory species.

Table 16. Significant impact guidelines for White-throated Needle-tail (DoE 2015)

<p>Is the proposed activity within the range of White-throated Needle-tail? AND</p>	<p>Yes. The study area does occur within the species' range.</p>
<p>Is the proposed activity likely to substantially modify, destroy or isolate an area of important habitat for White-throated Needle-tail; OR,</p>	<p>No. Important habitat for White-throated Needle-tail is defined by DoE (2015) as occurring across a range of habitat, more often over wooded areas, where it is almost exclusively aerial. Large tracts of native vegetation, particularly forest, may be a key habitat requirement for species. Found to roost in tree hollows in tall trees on ridge-tops, on bark or rock faces. Appears to have traditional roost sites.</p> <p>White-throated Needle-tail is likely to fly-over the site (has been recorded nearby at Loch Sport and Hollands Landing), but unlikely to roost on site given its preference for large patches of forest/woodland. The project will result in the loss of a small area of Damp Sands Herb-rich Woodland (0.015 ha), which does not contain any large trees.</p>
<p>Seriously disrupt the lifecycle of an ecological significant proportion of a population of White-throated Needle-tail?</p>	<p>No. An ecologically significant population of White-throated Needle-tail is 10 individuals or more (DoE 2015).</p> <p>The species was not recorded during avifauna surveys; however, the surveys did not coincide with the species' migratory movements (i.e. November-April). Ten or more individuals may be recorded from the study area as aerial fly-overs but unlikely roosting on site. Given the nature of the project, disturbance to aerial flyovers is unlikely.</p>

Table 17. Significant impact guidelines for Australasian Bittern, Caspian Tern, Common Tern, Crested Tern, Glossy Ibis, Little Tern and White-winged Black Tern (DoE 2013)

<p>Substantially modify (including by fragmenting, altering fire regimes, altering nutrient cycles or altering hydrological cycles), destroy or isolate an area of important habitat³ for a migratory species?</p>	<p>No. The study area is not considered to be an area of important habitat for migratory species.</p>
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³ DoE (2013) define important habitat for migratory species as:

- a) Habitat utilised by a migratory species occasionally or periodically within a region that supports an ecological significant proportion of the population of the species, and/or;
- b) Habitat that is of critical importance to the species at particular life-cycle stages, and/or;

<p>Result in an invasive species that is harmful to the migratory species becoming established in an area of important habitat for the migratory species; OR,</p>	<p>No. The potential for introduction of an invasive species is low. Management measures (e.g. weed and pest animal control and hygiene protocols) will be in place during the construction and operation phase to reduce and hopefully eradicate any potentially harmful invasive species.</p>
<p>Seriously disrupt the lifecycle (breeding, feeding, migratory or resting behaviour) of an ecological significant proportion⁴ of a migratory species?</p>	<p>No. The project would not result in the direct loss of any suitable habitat for migratory species. Any disturbance because of noise or visual disturbance would result in migratory species moving to suitable habitat elsewhere.</p>

4.2 Environment Effects Act 1978 (Victoria)

The *Environment Effects Act 1978* provides for assessment of proposed actions that can have a significant effect on the environment via the preparation of an Environment Effects Statement (EES). A project with potential adverse environmental effects that, individually or in combination, could be significant in a regional or State context should be referred to the Victorian Minister for Planning.

The criteria for an EES referral are outlined in the *Ministerial guidelines for assessment of environmental effects under the Environment Effects Act 1978* (DSE 2006). The project impacts have been considered against these referral criteria to determine if an EES referral is required (Table 18 and Table 19). It is assessed that an EES referral is not required for the project.

Table 18. EES referral criteria #1. A project should be referred if one of the following impacts is likely to occur.

<p>Potential clearing of 10 hectares or more of native vegetation from an area that:</p>	<p>No. The project would result in the loss of 9.0 hectares across three EVCs: Coastal Saltmarsh, Estuarine Scrub and Damp-sands Herb-rich Woodland. Only Estuarine Scrub is</p>
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- c) Habitat utilised by a migratory species which is at the limit of the species range; and/or;
- d) Habitat within an area where the species is declining.

⁴ An ecological signification proportion of a migratory species varies with each species. The species' population status, genetic distinctiveness and species specific behavioural patterns (for example, site fidelity and dispersal rates), should be considered when classifying an ecologically significant proportion of a migratory species (DoE 2013).

<ul style="list-style-type: none"> Is of an EVC identified as endangered by DELWP; Is, of Very High conservation significance; or, Is not authorised under an approved Forest Management Plan or Fire Protection Plan. 	considered an Endangered EVC and covers 4.21 hectares within the project footprint.
Potential long-term loss of a significant proportion (1-5% depending on conservation status of species) of known remaining habitat or population of a threatened species within Victoria	No. The project is unlikely to impact on any threatened species.
Potential long-term change to ecological character of a wetland listed under the Ramsar Convention or in 'A Directory of Important Wetlands in Australia'	No. The project area is located on the shores of the Gippsland Lakes (Lake Wellington), a Ramsar Wetland of International Significance. There is a low risk the project will impact on Gippsland Lakes. The project does not involve any direct impacts on Gippsland Lakes (e.g. infrastructure construction or channelling). Potential impacts associated with surface water run-off, pollution from treated wastewater, disturbance of acid sulphate soils and irrigation of adjoining farming land will be addressed through a number of mitigation measures, including a Recycled Water Management Plan, Acid Sulphate Management Plan, Stormwater Management Plan and Land Capability Analysis, which will be prepared in accordance with EPA Guidelines and approved by the EPA before construction commences.,
Potential extensive or major effects on the health or biodiversity of aquatic, estuarine or marine ecosystems, over the long term	No. The scale of the development is considered small given the geographical context of the project. Furthermore, the local ecosystem is considered to be in poor health as a result of salinity, and the loss of terrestrial vegetation with high-salt tolerant vegetation.
Potential extensive or major effects on the health, safety or well-being of a human community, due to emissions to air or water or chemical hazards or displacement of residences	No. The project is located on a farm in a sparsely populated area away from any township or community. There are no air emissions or chemical hazard risks associated with the project.
Potential greenhouse gas emissions exceeding 200,000 tonnes of carbon dioxide equivalent per annum, directly attributable to the operation of the facility.	No. The project will have a low carbon footprint and is aiming for accreditation under the Green Building Council of Australia's Green Star program.

Table 19. EES referral criteria #2. A project should be referred if two or more of the following impacts is likely to occur.

Potential clearing of 10 hectare or more of native vegetation, unless authorised under an approved Forest Management Act or Fire Protection Plan	No. The project would result in the loss of 9.0 hectares of native vegetation.
<p>Matters listed under the FFG Act:</p> <ul style="list-style-type: none"> Potential loss of a significant area of a listed ecological community; Potential loss of a genetically important population of an endangered or threatened species; Potential loss of critical habitat; or, Potential significant effects on habitat values of a wetland supporting migratory birds. 	No. No threatened species or ecological communities listed under the FFG Act were recorded in the study area. Impacts on habitat for migratory birds are likely to pertain to intermittent noise and visual disturbance in the adjoining area of Lake Wellington which is only considered to provide marginal habitat for migratory birds. These impacts are not considered significant.
Potential extensive or major effects on landscape values or regional importance, especially where recognised by a	No. The project is located on private land zoned Farming

<p>planning scheme overlay or within or adjoining land reserved under the <i>National Parks Act 1975</i></p>	<p>(FZ). It is subject to the following overlays:</p> <ul style="list-style-type: none"> • Bushfire Management Overlay (BMO); • Environmental Significance Overlay (ESO); • Environmental Significance Overlay – Schedule 1 (ESO 1); • Environmental Significance Overlay – Schedule 2 (ESO 2); • Flood Overlay (FO); and, • Land Subject to Inundation Overlay (LSIO). <p>The project is considered to be compatible with the environmental objectives outlined within ESO 1 and ESO 2.</p>
<p>Potential extensive or major effects on land stability, acid sulphate or highly erodible soils over the short or long term</p>	<p>No. During the construction phase acid sulphate soils are may be encountered. Exposure of acid sulphate soils will be managed in accordance with an Acid Sulphate Soil management plan approved by the EPA and Council.</p>
<p>Potential extensive or major effects on beneficial uses of waterbodies over the long term due to changes in water quality, streamflows or regional groundwater levels</p>	<p>No. The project is unlikely to interact with groundwater. Potential impacts on water quality due to polluted surface run-off will be addressed in accordance with a Stormwater Management Plan, Acid Sulphate Soils Management Plan, Recycled Water Management Plan and Land Capability Analysis.</p>
<p>Potential extensive or major effects on social or economic well-being due to direct or indirect displacement of non-residential land use activities</p>	<p>No. The project will occur on farming land currently owned by the proponents. There are no adjoining land-owners that would be displaced. There is expected to be important direct and indirect economic and social benefits to the local community through increased employment, local trade and use of local services.</p>
<p>Potential for extensive displacement of residences or severance of residential access to community resources due to infrastructure development</p>	<p>No. The project will not have any impact on adjoining land-owners, nor impact the ability for members of the community to access and enjoy Lake Wellington.</p>
<p>Potential significant effects on the amenity of a substantial number of residents, due to extensive or major, long-term changes in visual, noise and traffic conditions</p>	<p>No. The project site is located on private farming land, in a sparsely populated area. Access to the project site will be via private property owned by the proponents. There is not expected to be any changes in local traffic conditions on public roads providing access to the site.</p>
<p>Potential exposure of a human community to severe or chronic health or safety hazards over the short or long term, due to emissions to air or water or noise or chemical hazards or associated transport</p>	<p>No. Emissions, air and noise pollution are considered a low risk. Risks associated with surface water pollution will be addressed in accordance with a Stormwater Management Plan, Acid Sulphate Soils Management Plan, Recycled Water Management Plan and Land Capability Analysis.</p>
<p>Potential extensive or major effects on Aboriginal cultural heritage</p>	<p>No. A Cultural Heritage Management Plan (CHMP) has been prepared for the project (Biosis 2018). The CHMP identified Aboriginal heritage cultural material, including registered sites (i.e. VAHR 8321 – 0270 and VAHR 8321 - 0279) and one new Aboriginal place (VAHR 8321 – 0471). Due to erosion along the lake foreshore, and the corrosive impacts of salinity, the items of cultural heritage recorded were not considered to be <i>in situ</i> but rather deposited due to natural erosive processes and transient Aboriginal occupation of the study area. The CHMP includes management actions such as</p>

Potential extensive or major effects on cultural heritage places listed on the Heritage Register or the Archaeological Inventory under the <i>Heritage Act 1995</i>	resurveying surface artefacts, cultural heritage inductions, relocation of impacted material and interpretive signage.
Potential extensive or major effects on cultural heritage places listed on the Heritage Register or the Archaeological Inventory under the <i>Heritage Act 1995</i>	No. As stated above there are three registered Aboriginal places within the study area. Impacts to these places will be managed in accordance with an approved CHMP.

4.3 *Flora and Fauna Guarantee Act 1988 (Victoria)*

The FFG Act is the primary legislation dealing with biodiversity conservation and sustainable use of native flora and fauna in Victoria. Proponents are required to apply for an FFG Act Permit to ‘take’ listed and/or protected flora species, listed vegetation communities and listed fish species in areas of public land (i.e. within road reserves, drainage lines and public reserves). An FFG Act permit is generally not required for removal of species or communities on private land, or for the removal of habitat for a listed terrestrial fauna species.

4.3.1 Implications

The project has potential to impact on habitat for FFG Act-listed fauna. However, as the study area is located on private land, an FFG Act permit is not required for any impacts to listed species or ecological communities.

4.4 *Planning and Environment Act 1987 (Victoria)*

The *Planning and Environment Act 1987* outlines the legislative framework for planning in Victoria and for the development and administration of planning schemes. All planning schemes contain native vegetation provisions at Clause 52.17 which require a planning permit from the relevant local Council to remove, destroy or lop native vegetation on a site of more than 0.4 hectares, unless an exemption under clause 52.17-7 of the Victorian Planning Schemes applies or a subdivision is proposed with lots less than 0.4 hectares⁵. Local planning schemes may contain other provisions in relation to the removal of native vegetation.

4.4.1 Local Planning Schemes

The study area is subject to the following planning overlays:

- Bushfire Management Overlay (BMO);
- Environmental Significance Overlay (ESO);
- Environmental Significance Overlay - Schedule 1 (ESO1);

⁵ In accordance with the Victorian Civil and Administrative Tribunal’s (VCAT) decision *Villawood v Greater Bendigo CC* (2005) VCAT 2703 (20 December 2005) all native vegetation is considered lost where proposed lots are less than 0.4 hectares in area and must be offset at the time of subdivision.

- Environmental Significance Overlay – Schedule 2 (ESO2);
- Floodway Overlay (FO);
- Floodway Overlay Schedule (FO);
- Land Subject to Inundation Overlay (LSIO); and,
- Land Subject to Inundation Overlay Schedule (LSIO).

Further discussion is provided below regarding the environmental significance overlay.

4.4.1.1 Environmental Significance Overlay – Schedule 1 (Coastal and Gippsland Lake Environs)

This ESO relates to the protection of sensitive environments at Ninety Mile each and the Gippsland Lakes. The project is considered to be in accordance with the objectives of the ESO due to the careful location of the project, management measures proposed to avoid indirect impacts to Lake Wellington and the environmentally-sensitive design of the facilities and incorporation of a green roof and native vegetation into landscaping. Further information about how the project complies the ESO’s objectives is provided below (Table 20).

Table 20. Environmental Significance Overlay – Schedule 1. Environmental objectives to be achieved.

To ensure that the development is compatible with the environmentally sensitive coastal area including the Gippsland Lakes.	The project has been designed to avoid impacts to the most vulnerable ecosystem in Lake Wellington, Damp-sands Herb-rich Woodland and healthy overstorey vegetation. The footprint of the project has been reduced to the smallest extent possible. A CEMP and other plans will be enforced during the construction phase to avoid and minimise impacts to Lake Wellington through pollution, erosion, etc.
To conserve and enhance the environmental quality of the coastal area.	Project is not located on the coast.
To protect and enhance the natural beauty of the coastal landscape.	Project is not located on the coast.
To protect and enhance the visual amenity and landscape of the coastal area.	Project is not located on the coast.
To minimise the risk of erosion, pollution and destruction by fire.	Impacts during the construction and operation phase of the project will be addressed through a series of management plans (Section 0).
To minimise the impact of human activities on the ecological values of the coastal and lakes environments.	<p>Pedestrian access to the lake shoreline, between the villas and the resort, and between the carpark area and other buildings, will be via a designated path that will ensure human disturbance to protected native vegetation is avoided.</p> <p>Interpretive signage will be provided around facilities regarding the ecological values of the area.</p> <p>The main facilities are centrally located in the resort and spa area avoiding large movement of people and vehicles across the broader landscape.</p> <p>Native vegetation surrounding the project will be protected and managed under a Section 173 agreement.</p>

4.4.1.2 Environmental Significance Overlay – Schedule 2 (Wetlands)

The purpose of ESO2 is to protect wetlands. Wetlands are important ecosystems that are highly productive and support a rich array of fauna particularly migratory birds. They also play an important role in water and nutrient cycling, as well as flood mitigation.

The mapped wetlands within the study area and impacted by the project (Figure 2) are not considered to be of high conservation significance, and therefore the project is considered to comply with the environmental objectives of the ESO as detailed below (Table 21). Unlike the freshwater wetlands and morasses fringing Lake Wellington elsewhere, the wetlands within the study area are highly saline and ephemeral and provided limited environmental values. There are limited fauna groups that utilise the wetlands and vegetation is either dominated by one or two halophytic species or consists of large areas of bare ground.

Table 21. Environmental Significance Overlay - Schedule 2. Environmental objectives to be achieved.

<p>To protect and enhance the ecological, habitat, aesthetic, scientific, floristic, faunal, cultural, educational and recreational values of wetlands through the control of development.</p>	<p>Large areas of wetlands will be protected under a Section 173 agreement and will be managed to improve conservation values.</p> <p>The landscape around building facilities will aim to reintroduce terrestrial ecosystems that have disappeared in the local area due to the effects of salinity.</p> <p>The wetlands are currently located on a private farm and therefore only have limited recreational value. The project would allow for a greater number of people to experience and enjoy the wetland environments.</p> <p>Interpretive signage will be provided to improve peoples knowledge and respect of coastal wetlands.</p>
<p>To implement obligations under international, national, State, or other agreements to enhance plant and animal species and habitats.</p>	<p>Impacts to Lake Wellington (a wetland of international significance protected under the EPBC Act) have been avoided due to careful placement of the project footprint, and development of management plans to be implemented during the construction and operation phase.</p> <p>Landscaping and an onsite offset would aim to provide an overall improvement in the local environment by focussing on increasing flora diversity and reintroducing terrestrial ecosystems that have disappeared as a result of salinity.</p>

4.4.2 The Guidelines

The current project footprint would result in the loss of 9.0 hectares of native vegetation. The permit application would be assessed under the Detailed Pathway. Offset requirements for the project are provided above (Table 5). Offsets will be addressed through a first-party agreement by securing and managing land surrounding the study area.

4.4.3 Implications

A planning permit would be required for the removal of native vegetation. A planning permit application would need to address the application requirements for all the planning overlays affecting the property, in addition to the application requirements under the Guidelines.

DELWP would be a recommending referral authority for the permit application as the permit application falls under the Detailed Pathway.

4.5 *Wildlife Act 1975* and *Wildlife Regulations 2013* (Victoria)

The *Wildlife Act 1975* (and associated *Wildlife Regulations 2013*) is the primary legislation in Victoria providing for protection and management of wildlife. Authorisation for habitat removal may be obtained under the *Wildlife Act 1975* through a licence granted under the *Forests Act 1958*, or under any other Act such as the *Planning and Environment Act 1987*. Any persons engaged to remove, salvage, hold or relocate native fauna during construction must hold a current Management Authorisation under the *Wildlife Act 1975*, issued by DELWP.

4.5.1 Implications

Protected fauna are unlikely to be harmed or injured during construction or the operation of the resort. A trained zoologist should be on site to supervise any excavation works near Wombat burrows (if necessary).

4.6 *Catchment and Land Protection Act 1994* (Victoria)

The *Catchment and Land Protection Act 1994* (CaLP Act) contains provisions relating to catchment planning, land management, noxious weeds and pest animals. Landowners are responsible for the control of any infestation of noxious weeds and pest fauna species to minimise their spread and impact on ecological values.

4.6.1 Implications

The declared noxious weeds African Boxthorn and Spear Thistle are present within the study area. Several declared pest animals have also been recorded, including European Rabbit and Red Fox. Pest plant and animal issues are currently being managed as part of the broader control program across the entire property. The control program will continue during and after the construction phase of the project.

5 CONCLUSION AND RECOMMENDATIONS

The proposed Nunduk Spa Retreat will result in the loss of approximately 9.0 hectares of native vegetation to the south of Lake Wellington. Impacts have been considered against relevant environmental legislation and policy which are summarised below (Table 22).

Table 22. Summary of approval and permitting requirements.

Legislation	Implications	Next steps
<i>Environment Protection and Biodiversity Conservation Act 1999</i>	Impacts of project on matters of NES have been considered, including in detail for Ramsar wetlands, migratory species and threatened species. No significant impacts are likely.	Not required.
<i>Environment Effects Act 1978</i>	The project would result in the loss of approximately 9.0 hectares of native vegetation, of which less than half is an Endangered EVC (Estuarine Scrub). There are unlikely to be any significant impacts on threatened species, local communities, Aboriginal heritage or acid sulphate soils. The project was not assessed as triggering an EES referral.	Not required.
<i>Flora and Fauna Guarantee Act 1988</i>	Project has potential to impact on listed and protected species; however, as the study area is private land, a permit would not be required.	Not required.
<i>Planning and Environment Act 1987</i>	Project would result in the loss of 9.0 hectares of native vegetation including Endangered EVCs and areas in Location 3. A permit application would fall under the Detailed Assessment pathway. Offset requirements for the project are detailed in Table 5 and are proposed to be achieved on site under first-party offset agreement. The development is subject to a number of planning zones and overlays including ESO1 and ESO2 which relate to the protection of sensitive coastal, wetland and lake environments.	Submit a planning permit to remove native vegetation. Permit application should include: <ul style="list-style-type: none"> • Avoidance and Minimisation Statement (Section 2.4.4); • Offset Strategy (Section 2.4.3); and, • Address environmental objectives of ESO1 and ESO2 (Section 4.4.1).
<i>Wildlife Act 1975</i>	During the construction phase, there is potential for wombat burrows to be destroyed. Native fauna are unlikely to be impacted by removal of other habitat types, i.e. Coastal Saltmarsh, bare ground and Estuarine Scrub.	If wombat burrows are likely to be impacting during construction, ensure a trained zoologist with authorisation under the Act is on site to assist with salvage and relocation of wombats.
<i>Catchment and Land Protection Act 1994</i>	The study area supports several declared noxious weeds (African	Prepare a CEMP or similar document outlining how pest plant and animals

Legislation	Implications	Next steps
	Boxthorn and Spear Thistle) as well as pest animals (European Rabbit and Red Fox). A CEMP or similar document should outline how noxious pest plants and animals will be managed throughout the study area in accordance with the Act. It is understood that pest plant and animals are currently controlled as part of the management of the wider farm.	will be controlled in accordance with the Act.

The environmental approvals and permitting requirements for the project have considered the information contained within the site-specific EMP (AECOM 2018). In accordance with the EMP the following sub-plans should be prepared for the project:

- Construction Environmental Management Plan;
- Water Quality and Soil Erosion Management Plan;
- Recycled Water Management Plan;
- Land Capability Analysis;
- Acid Sulphate Management Plan;
- Stormwater Management Plan;
- Cultural Heritage Management Plan;
- Traffic Management Plan;
- Contaminated Land Management Plan;
- Chemical and Fuel Storage Management Plan;
- Waste Management Plan;
- Water Quality and Soil Erosion Management Plan; and
- Emergency Response Plan.

In addition, an offset management plan would need to be prepared and approved by DELWP to secure a first-party offset on site.

No additional ecological surveys are recommended for the project.

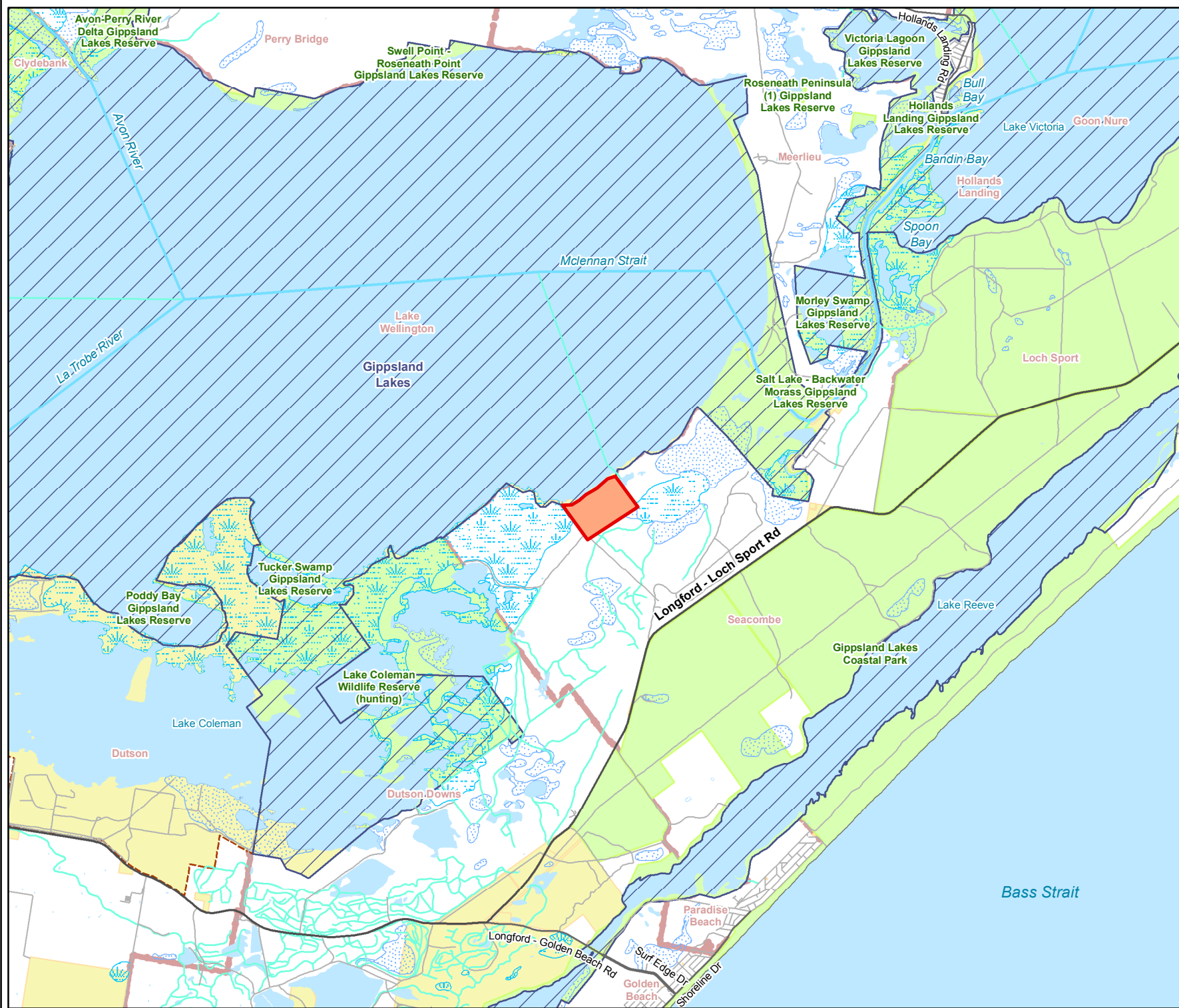
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FIGURES

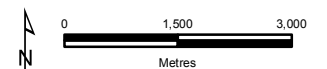


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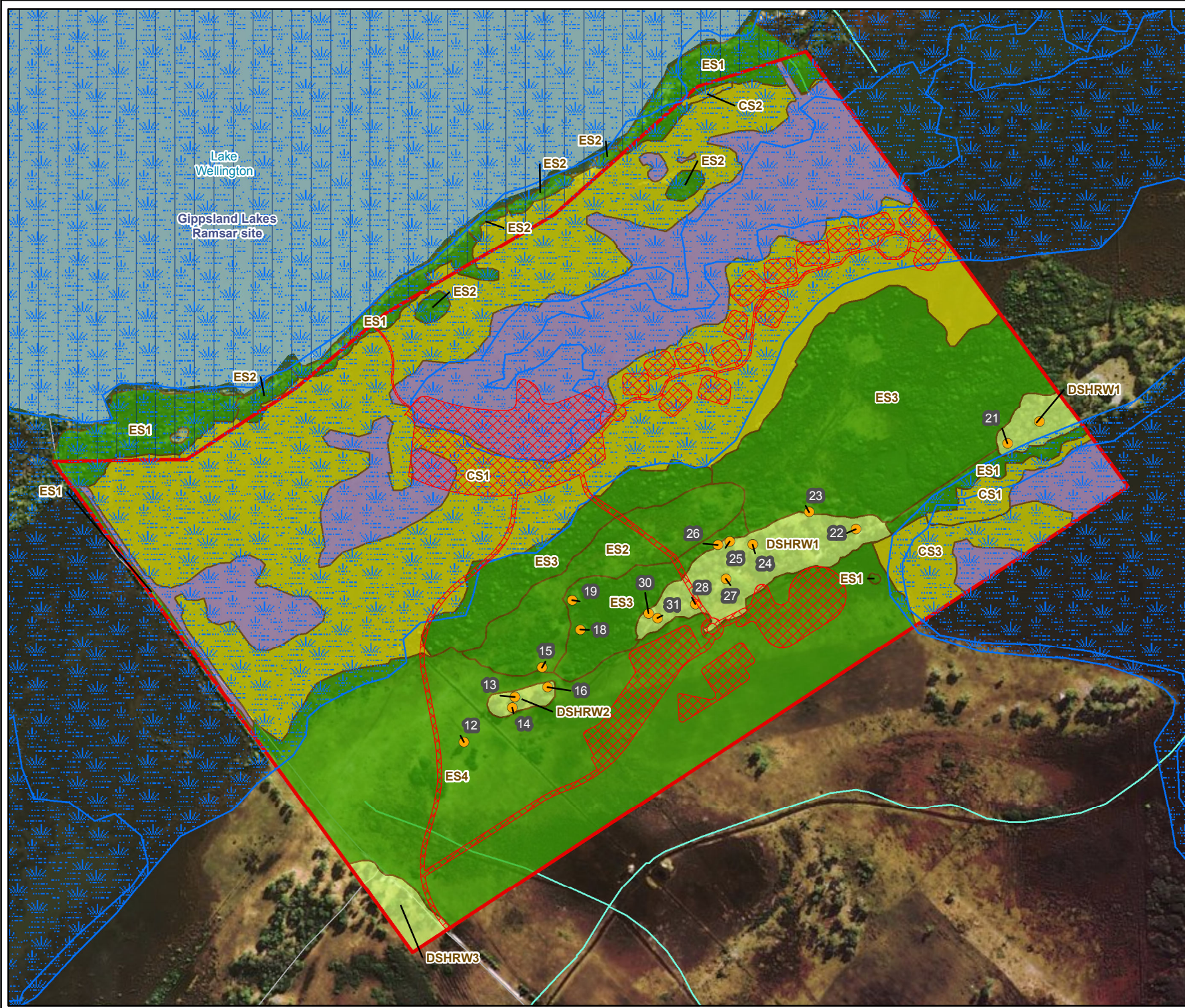
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- Major Road
- Collector Road
- Minor Road
- Minor Watercourse
- Major Watercourse
- Permanent Waterbody
- Land Subject to Inundation
- Wetland/Swamp
- Ramsar wetland
- Parks and Reserves
- Crown Land
- Localities



Figure 1
Location of the study area
Habitat Hectare assessment for Seacombe West Regenerative Project



VicMap Data: The State of Victoria does not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.



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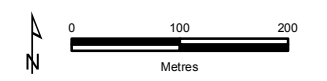
- Study Area
- Current Wetlands (DELWP 2005)
- Ramsar wetland
- Impacted Vegetation
- Tree in Patch
- Open Water

Ecological Vegetation Classes

- Coastal Saltmarsh
- Damp Sands Herb-rich Woodland
- Estuarine Scrub

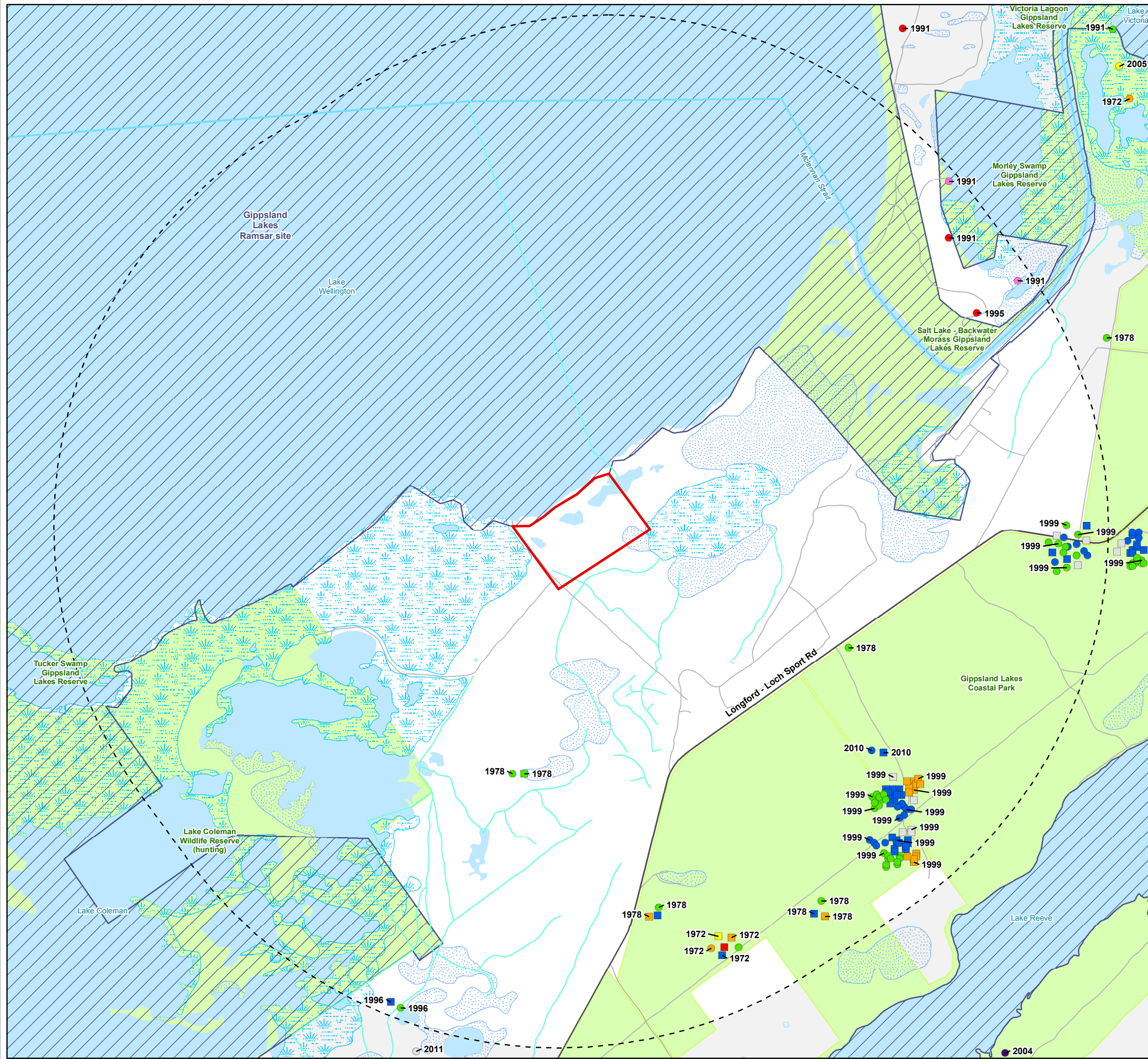


Figure 2
Ecological features
Habitat Hectare assessment for Seacombe West Regenerative Project



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9998 Fig02 EcoFeat 2/08/2018 psorensen



Legend

Study Area

Significant flora

- Annual Fireweed
- Bushy Hedgehog-grass
- Dwarf Kerrawang
- Giant Honey-myrtle
- Gippsland Lakes Peppermint
- Heath Platysace
- Marsh Saltbush
- Metallic Sun-orchid
- Pink Zieria
- Prickly Arrowgrass
- Ribbed Thryptomene
- Salt Lawrenceia
- Thick-lip Spider-orchid
- Variable Bossiaea

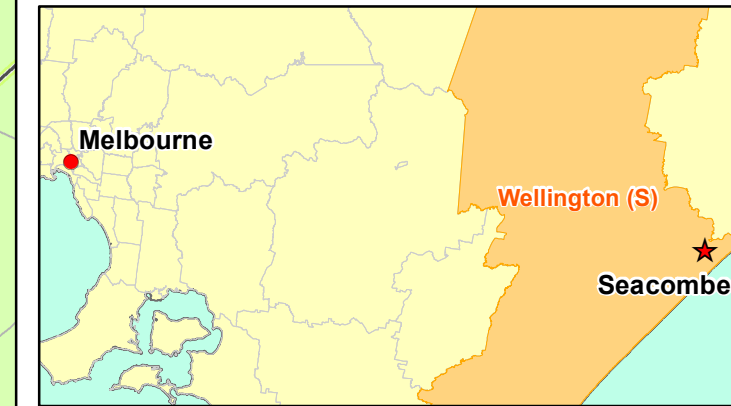
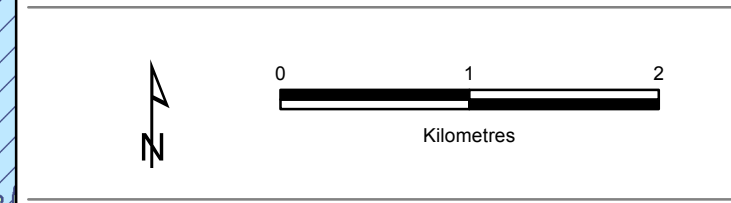
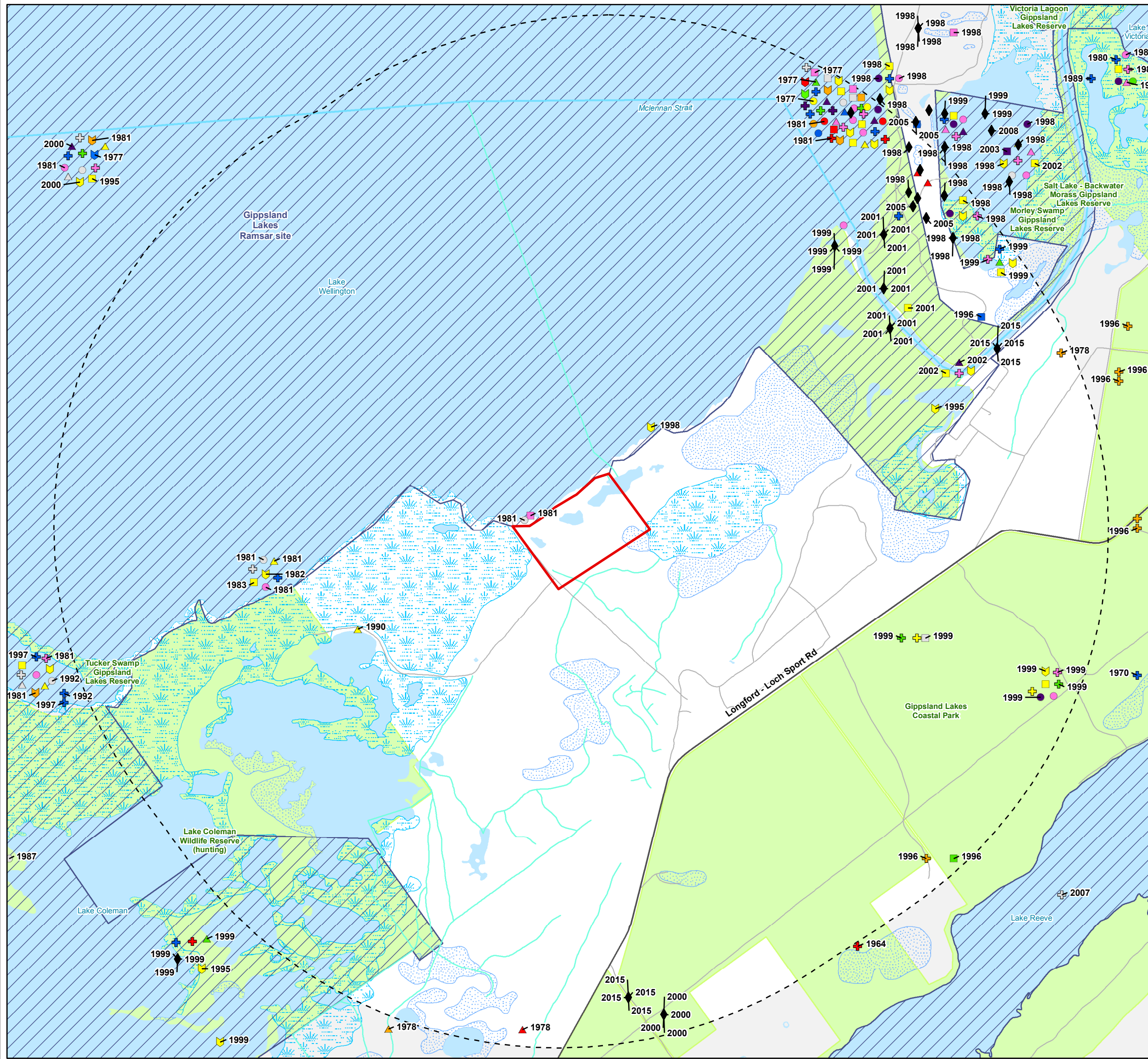


Figure 3
 Previously documented significant flora within 5km of the study area
Habitat Hectare assessment for Seacombe West Regenerative Project



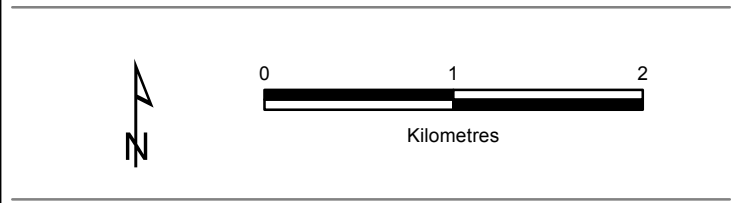
VBA 2017. Victorian Biodiversity Atlas. // Sourced from: 'VBA_FLORA25' and 'VBA_FLORA100', February 2017 © The State of Victoria, Department of Environment, Land, Water and Planning. Records prior to 1949 not shown.
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 9998_Fig03_SigFlora 16/10/2017 melsley



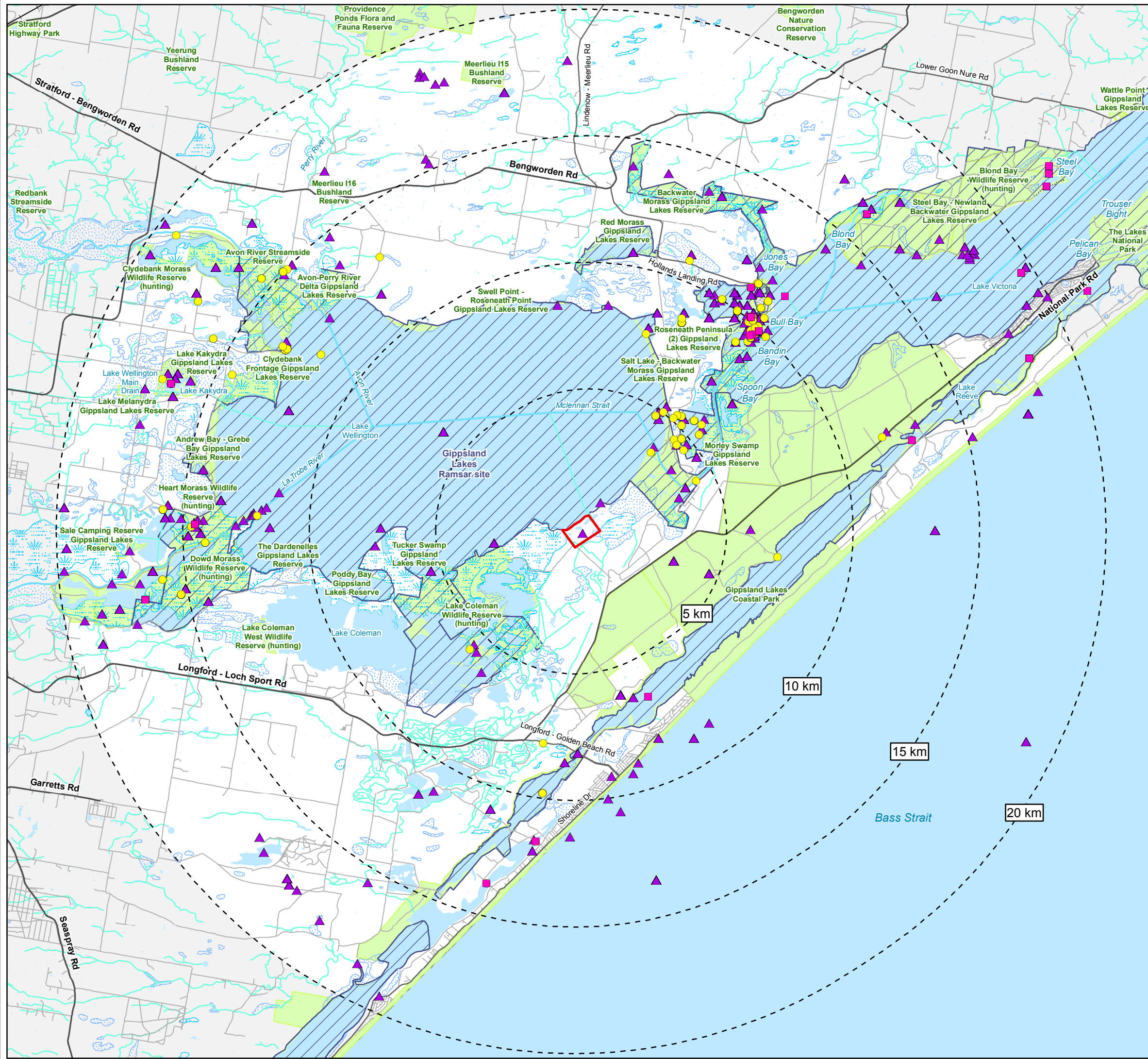
- Legend**
- Study Area
 - ◆ BLA Atlas Fauna Record
- Significant Fauna**
- | | |
|-------------------------------|------------------------------|
| ○ Australasian Shoveler | ▲ Green and Golden Bell Frog |
| ● Azure Kingfisher | ▲ Growing Grass Frog |
| ● Baillon's Crake | ▲ Hardhead |
| ● Bar-tailed Godwit | ▲ Latham's Snipe |
| ● Black-tailed Godwit | ▲ Lewin's Rail |
| ● Blue-billed Duck | ▲ Little Egret |
| ● Caspian Tern | ▲ Little Tern |
| ● Common Greenshank | ⊕ Musk Duck |
| ■ Curlew Sandpiper | ⊕ Nankeen Night Heron |
| ■ Diamond Firetail | ⊕ New Holland Mouse |
| ■ Eastern Curlew | ⊕ Pacific Golden Plover |
| ■ Eastern Great Egret | ⊕ Pacific Gull |
| ■ Eastern Pygmy-possum | ⊕ Pied Cormorant |
| ■ Eastern Snake-necked Turtle | ⊕ Royal Spoonbill |
| ■ Emu | ⊕ Swift Parrot |
| ■ Fairy Tern | ⊕ Whimbrel |
| △ Freckled Duck | ⊕ Whiskered Tern |
| | ⊕ White-bellied Sea-Eagle |
| | ⊕ White-throated Needletail |
| | ⊕ White-winged Black Tern |



Figure 4a
 Previously documented significant fauna within 5km of the study area
Habitat Hectare assessment for Seacombe West Regenerative Project



VBA 2017. Victorian Biodiversity Atlas. // Sourced from: 'VBA_FLORA25' and 'VBA_FLORA100', February 2017 © The State of Victoria, Department of Environment, Land, Water and Planning. Records prior to 1949 not shown.
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 9998_Fig04_SigFauna 31/01/2018 troy



Legend

- Study Area
- ▲ Migratory Species
- Migratory Species (BLA Atlas)
- ▲ Migratory Species (VBA 2017)

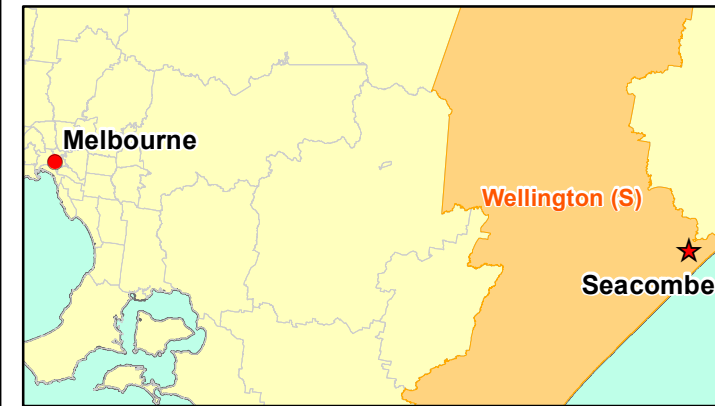
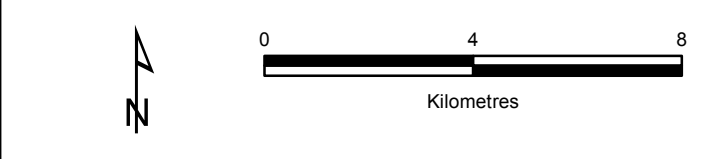


Figure 4b
 Previously documented significant migratory species within 20km of the study area
Habitat Hectare assessment for Seacombe West Regenerative Project



VBA 2017. Victorian Biodiversity Atlas. // Sourced from: 'VBA_FLORA25' and 'VBA_FLORA100', February 2017 © The State of Victoria, Department of Environment, Land, Water and Planning. Records prior to 1949 not shown.
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 9996_Fig04b_SigFauna_Migratory 1/02/2018 Iroy

APPENDICES

Appendix 1

APPENDIX 1 - FLORA

Appendix 1.1 – Flora Results

Table A1.1. Flora recorded within the study area. C =

Scientific Name	Common Name	EPBC Act	FFG Act	DEPI	CALP Act
INDIGENOUS SPECIES					
<i>Acacia genistifolia</i>	Spreading Wattle				
<i>Acacia melanoxylon</i>	Blackwood				
<i>Amyema spp.</i>	Mistletoe				
<i>Anthosachne scabra s.l.</i>	Common Wheat-grass				
<i>Apium aff. prostratum (Tyrendarra)</i>	Sea Celery				
<i>Apodasmia brownii</i>	Coarse Twine-rush				
<i>Baumea juncea</i>	Bare Twig-sedge				
<i>Brachyscome parvula</i>	Coast Daisy				
<i>Cassinia aculeata</i>	Common Cassinia				
<i>Centrolepis strigosa subsp. strigosa</i>	Hairy Centrolepis				
<i>Comesperma volubile</i>	Love Creeper				
<i>Crassula spp.</i>	Crassula				
<i>Deyeuxia quadriseta</i>	Reed Bent-grass				
<i>Dichondra repens</i>	Kidney-weed				
<i>Disphyma crassifolium subsp. clavellatum</i>	Rounded Noon-flower				
<i>Distichlis distichophylla</i>	Australian Salt-grass				
<i>Einadia nutans</i>	Nodding Saltbush				
<i>Einadia trigonos subsp. trigonos</i>	Lax Goosefoot				
<i>Eucalyptus tereticornis subsp. mediana</i>	Gippsland Red-gum				
<i>Eucalyptus viminalis subsp. pryoriana</i>	Coast Manna-gum				
<i>Exocarpos cupressiformis</i>	Cherry Ballart				
<i>Ficinia nodosa</i>	Knobby Club-sedge				
<i>Gahnia filum</i>	Chaffy Saw-sedge				
<i>Geranium spp.</i>	Crane's Bill				
<i>Goodenia ovata</i>	Hop Goodenia				
<i>Hydrocotyle spp.</i>	Pennywort				

Scientific Name	Common Name	EPBC Act	FFG Act	DEPI	CALP Act
<i>Hypolaena fastigiata</i>	Tassel Rope-rush				
<i>Juncus kraussii subsp. australiensis</i>	Sea Rush				
<i>Juncus pallidus</i>	Pale Rush				
<i>Kunzea spp.</i>	Kunzea				
<i>Lepilaena spp.</i>	Water Mat				
<i>Leptinella spp.</i>	Cotula				
<i>Leptocarpus tenax</i>	Slender Twine-rush				
<i>Melaleuca ericifolia</i>	Swamp Paperbark				
<i>Meliccytus dentatus s.l.</i>	Tree Violet				
<i>Microlaena stipoides var. stipoides</i>	Weeping Grass				
<i>Mimulus repens</i>	Creeping Monkey-flower				
<i>Oxalis perennans</i>	Grassland Wood-sorrel				
<i>Phragmites australis</i>	Common Reed				
<i>Poa labillardierei</i>	Common Tussock-grass				
<i>Poa spp.</i>	Tussock Grass				
<i>Pomaderris aspera</i>	Hazel Pomaderris				
<i>Pteridium esculentum</i>	Austral Bracken				
<i>Rhagodia candolleana subsp. candolleana</i>	Seaberry Saltbush				
<i>Rumex brownii</i>	Slender Dock				
<i>Rytidosperma caespitosum</i>	Common Wallaby-grass				
<i>Rytidosperma geniculatum</i>	Kneed Wallaby-grass				
<i>Rytidosperma spp.</i>	Wallaby Grass				
<i>Samolus repens var. repens</i>	Wallaby Grass				
<i>Sarcocornia quinqueflora</i>	Beaded Glasswort				
<i>Selliera radicans</i>	Shiny Swamp-mat				
<i>Senecio biserratus</i>	Jagged Fireweed				
<i>Senecio halophilus</i>	Salt Groundsel				
<i>Senecio hispidulus s.l.</i>	Rough Fireweed				
<i>Solenogyne dominii</i>	Smooth Solenogyne				
<i>Spergularia brevifolia</i>	Salt Sea-spurrey				
<i>Spergularia spp.</i>	Sand Spurrey				
<i>Spergularia spp.</i>	Sand Spurrey				
<i>Sporobolus virginicus</i>	Salt Couch				
<i>Stackhousia monogyne s.l.</i>	Creamy Stackhousia				

Scientific Name	Common Name	EPBC Act	FFG Act	DEPI	CALP Act
<i>Tetragonia decumbens</i>	Sea Spinach				
<i>Tetragonia tetragonioides</i>	New Zealand Spinach				
<i>Thysanotus patersonii</i>	Twining Fringe-lily				
<i>Triglochin striata</i>	Streaked Arrowgrass				
<i>Wahlenbergia multicaulis</i>	Branching Bluebell				
<i>Wilsonia backhousei</i>	Narrow-leaf Wilsonia				
INTRODUCED					
<i>Acetosella vulgaris</i>	Sheep Sorrel				
<i>Agrostis capillaris</i>	Brown-top Bent				
<i>Aira caryophyllea subsp. caryophyllea</i>	Silvery Hair-grass				
<i>Arctotheca calendula</i>	Cape weed				
<i>Aster subulatus</i>	Aster-weed				
<i>Atriplex prostrata</i>	Hastate Orache				
<i>Briza minor</i>	Lesser Quaking-grass				
<i>Bromus hordeaceus subsp. hordeaceus</i>	Soft Brome				
<i>Centaurium erythraea</i>	Common Centaury				
<i>Cirsium vulgare</i>	Spear Thistle				C
<i>Cotula coronopifolia</i>	Water Buttons				
<i>Crassula alata var. alata</i>	Three-part Crassula				
<i>Cynodon dactylon</i>	Couch				
<i>Gladiolus undulatus</i>	Wild Gladiolus				
<i>Hypochaeris radicata</i>	Flatweed				
<i>Lolium rigidum</i>	Wimmera Rye-grass				
<i>Lophopyrum ponticum</i>	Tall Wheat-grass				
<i>Lotus subbiflorus</i>	Hairy Bird's-foot Trefoil				
<i>Lycium ferocissimum</i>	African Box-thorne				
<i>Melaleuca armillaris subsp. armillaris</i>	Giant Honey-myrtle				
<i>Melaleuca ericifolia</i>	Swamp Paperbark				
<i>Myoporum insulare</i>	Common Boobialla				
<i>Parapholis incurva</i>	Coast Barb-grass				
<i>Paspalum distichum</i>	Water Couch				
<i>Paspalum vaginatum</i>	Salt-water Couch				
<i>Plantago coronopus</i>	Buck's-horn Plantain				
<i>Romulea rosea</i>	Onion Grass				
<i>Rumex crispus</i>	Curled Dock				

Scientific Name	Common Name	EPBC Act	FFG Act	DEPI	CALP Act
<i>Sonchus asper s.l.</i>	Rough Sow-thistle				
<i>Stellaria media</i>	Chickweed				
<i>Trifolium spp.</i>	Clover				
<i>Vulpia bromoides</i>	Squirrel-tail Fescue				

Notes: EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), FFG = *Flora and Fauna Guarantee Act 1988* (FFG Act), DEPI= *Advisory List of Rare or Threatened Plants in Victoria* (DEPI 2014) CaLP = *Catchment and Land Protection Act 1994*, C = Regionally Controlled weed, Order: Origin/Alphabetical.

Appendix 1.2 – Habitat Hectares

Table A1.3. Habitat Hectares results for remnant vegetation recorded within the study area.

Vegetation Zone		DSHRW ₁	DSHRW ₂	DSHRW ₃	CSM ₁	CSM ₂	CSM ₃	ES ₁	ES ₂	ES ₃	ES ₄
Bioregion		Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain	Gippsland_Plain
EVC / Tree		Damp Sands Herb-rich Woodland	Damp Sands Herb-rich Woodland	Damp Sands Herb-rich Woodland	Coastal Saltmarsh	Coastal Saltmarsh	Coastal Saltmarsh	Estuarine Scrub	Estuarine Scrub	Estuarine Scrub	Estuarine Scrub
EVC Number		3	3	3	9	9	9	953	953	953	953
EVC Conservation Status		Vulnerable	Vulnerable	Vulnerable	Least Concern	Least Concern	Least Concern	Endangered	Endangered	Endangered	Endangered
Patch Condition	Large Old Trees /10	6	8	0	na	na	na	na	na	na	na
	Canopy Cover /5	3	3	3	na	na	na	0	0	3	0
	Under storey /25	20	15	5	5	15	5	25	20	25	15
	Lack of Weeds /15	15	9	9	15	15	15	15	15	15	15
	Recruitment /10	10	10	0	0	3	3	10	10	10	10
	Organic Matter /5	5	5	5	3	3	3	5	5	5	5
	Logs /5	4	2	0	na	na	na	5	5	5	0
	Treeless EVC Multiplier	1.00	1.00	1.00	1.36	1.36	1.36	1.15	1.15	1.15	1.15
	Subtotal =	63.00	52.00	22.00	31.28	48.96	35.36	69.00	82.25	72.45	51.75
Landscape Value /25	19	19	19	19	19	19	19	19	19	19	
Habitat Points /100	82	71	41	50	68	54	88	94	91.45	70.75	
Habitat Score	0.82	0.71	0.41	0.50	0.68	0.54	0.88	0.94	0.92	0.71	

Appendix 1.3 – Likelihood of Significant Flora Occurrence

Table A1.3 Significant flora recorded within 10 kilometres of the study area

Likelihood: Habitat characteristics of significant flora species previously recorded within 10 kilometres of the study area, or that may potentially occur within the study area were assessed to determine their likelihood of occurrence. The likelihood of occurrence rankings are defined below.

<p>1 - Known occurrence</p> <ul style="list-style-type: none"> - Recorded within the study area recently (i.e. within ten years) <p>2 - High Likelihood</p> <ul style="list-style-type: none"> - Previous records of the species in the local vicinity; and/or, - The study area contains areas of high quality habitat. 	<p>3 - Moderate Likelihood</p> <ul style="list-style-type: none"> - Limited previous records of the species in the local vicinity; and/or, - The study area contains poor or limited habitat. <p>4 - Low Likelihood</p> <ul style="list-style-type: none"> - Poor or limited habitat for the species however other evidence (such as a lack of records or environmental factors) indicates there is a very low likelihood of presence. 	<p>5 – Unlikely</p> <ul style="list-style-type: none"> - No suitable habitat and/or outside the species range.
---	---	--

Scientific name	Common name	Total # of documented records	Last documented record	EPBC	FFG	DEPI	Likely occurrence in study area
NATIONAL SIGNIFICANCE							
<i>Amphibromus fluitans</i>	River Swamp Wallaby-grass	#	0	VU			4
<i>Caladenia tessellata</i>	Thick-lip Spider-orchid	1978	2	VU		v	4
<i>Commersonia prostrata</i>	Dwarf Kerrawang	1972	2	EN	L	e	4
<i>Dianella amoena</i>	Matted Flax-lily	#	0	EN	L	e	5
<i>Glycine latrobeana</i>	Clover Glycine	#	0	VU	L	v	5
<i>Prasophyllum frenchii</i>	Maroon Leek-orchid	2000	5	EN	L	e	4
<i>Prostanthera galbraithiae</i>	Wellington Mint-bush	1986	1	VU	L	v	4
<i>Thelymitra epipactoides</i>	Metallic Sun-orchid	2004	42	EN	L	e	4
<i>Thesium australe</i>	Austral Toadflax	#	0	VU	L	v	5
<i>Xerochrysum palustre</i>	Swamp Everlasting	#	0	VU	L	v	4
STATE SIGNIFICANCE							



Scientific name	Common name	Total # of documented records	Last documented record	EPBC	FFG	DEPI	Likely occurrence in study area
<i>Atriplex paludosa</i> subsp. <i>paludosa</i>	Marsh Saltbush	1991	2			r	4
<i>Bossiaea heterophylla</i>	Variable Bossiaea	2010	91			r	4
<i>Caladenia alata</i>	Fairy Orchid	2000	1			k	4
<i>Calochilus imberbis</i>	Naked Beard-orchid	1979	1			r	4
<i>Cladium procerum</i>	Leafy Twig-sedge	1978	1			r	4
<i>Echinopogon caespitosus</i> var. <i>caespitosus</i>	Bushy Hedgehog-grass	1995	3			e	4
<i>Eucalyptus arenicola</i>	Gippsland Lakes Peppermint	2012	108			r	4
<i>Lawrenzia spicata</i>	Salt Lawrenzia	1995	3			r	4
<i>Lomandra glauca</i> s.s.	Blue Mat-rush	2000	27			k	4
<i>Melaleuca armillaris</i> subsp. <i>armillaris</i>	Giant Honey-myrtle	2005	1			r	4 (individuals in study area have been planted)
<i>Muellerina celastroides</i>	Coast Mistletoe	1978	1			r	4
<i>Platysace ericoides</i>	Heath Platysace	2012	52			r	4
<i>Prasophyllum</i> aff. <i>frenchii</i> (Wilson's Promontory)	Promontory Leek-orchid	2007	1			k	4
<i>Senecio glomeratus</i> subsp. <i>longifructus</i>	Annual Fireweed	2011	1			r	4
<i>Thelymitra planicola</i>	Shy Sun-orchid	1999	6			k	4
<i>Thryptomene micrantha</i>	Ribbed Thryptomene	1999	21			r	4
<i>Triglochin mucronata</i>	Prickly Arrowgrass	1972	1			r	4
<i>Viola fuscoviolacea</i>	Dusky Violet	1996	1			r	4
<i>Zieria veronicea</i> subsp. <i>veronicea</i>	Pink Zieria	2000	15			r	4

Notes: EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), FFG = *Flora and Fauna Guarantee Act 1988* (FFG Act), DEPI= *Advisory List of Rare or Threatened Plants in Victoria* (DEPI 2014), EN = Endangered, VU = Vulnerable, L = Listed as Threatened (FFG Act), e = Endangered, r = Rare, k = poorly known, # = Records identified from EPBC Act Protected Matters Search Tool only, Data source: Victorian Biodiversity Atlas (DELWP 2018c); Protected Matters Search Tool (DoEE 2018). Order: Alphabetical.

APPENDIX 2 - FAUNA

Appendix 2.1 – Fauna Results

Table A3.1. Fauna recorded within the study area

Common Name	Scientific Name	EPBC Act	FFG Act	DSE
Australian Magpie	<i>Gymnorhina tibicen</i>	-	-	-
Australian Pelican	<i>Pelecanus conspicillatus</i>	-	-	-
Australian Shelduck	<i>Tadorna tadornoides</i>	-	-	-
Australian White Ibis	<i>Threskiornis molucca</i>	-	-	-
Black Swan	<i>Cygnus atratus</i>	-	-	-
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	-	-	-
Brown Cuckoo-Dove	<i>Macropygia amboinensis</i>	-	-	-
Brown Thornbill	<i>Acanthiza pusilla</i>	-	-	-
Buff-rumped Thornbill	<i>Acanthiza reguloides</i>	-	-	-
Chestnut Teal	<i>Anas castanea</i>	-	-	-
Common Bronzewing	<i>Phaps chalcoptera</i>	-	-	-
Common Tern	<i>Sterna hirundo</i>	Mi	-	-
Common Wombat	<i>Vombatus ursinus</i>	-	-	-
Crimson Rosella	<i>Platycercus elegans</i>	-	-	-



Common Name	Scientific Name	EPBC Act	FFG Act	DSE
Eastern Great Egret	<i>Ardea modesta</i>	-	L	VU
Eastern Grey Kangaroo	<i>Macropus giganteus</i>	-	-	-
Eastern Rosella	<i>Platycercus eximius</i>	-	-	-
Eastern Whipbird	<i>Psophodes olivaceus</i>	-	-	-
Eastern Yellow Robin	<i>Eopsaltria australis</i>	-	-	-
European Rabbit*	<i>Oryctolagus cuniculus</i>	-	-	-
Fan-tailed Cuckoo	<i>Cacomantis flabelliformis</i>	-	-	-
Fan-tailed Cuckoo	<i>Cacomantis flabelliformis</i>	-	-	-
Galah	<i>Eolophus roseicapilla</i>	-	-	-
Grey Butcherbird	<i>Cracticus torquatus</i>	-	-	-
Grey Currawong	<i>Strepera versicolor</i>	-	-	-
Grey Fantail	<i>Rhipidura albiscarpa</i>	-	-	-
Grey Shrike-thrush	<i>Colluricincla harmonica</i>	-	-	-
Grey Teal	<i>Anas gracilis</i>	-	-	-
Hog Deer*	<i>Cervus porcinus</i>	-	-	-
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	-	-	-
Little Crow	<i>Corvus bennetti</i>	-	-	-
Little Grassbird	<i>Megalurus gramineus</i>	-	-	-
Little Pied Cormorant	<i>Microcarbo melanoleucos</i>	-	-	-
Magpie-lark	<i>Grallina cyanoleuca</i>	-	-	-
Masked Woodswallow	<i>Artamus personatus</i>	-	-	-
Noisy Miner	<i>Manorina melanocephala</i>	-	-	-
Rainbow Lorikeet	<i>Trichoglossus haematodus</i>	-	-	-
Red Fox*	<i>fam. Canidae gen. Vulpes</i>	-	-	-
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	-	-	-



Common Name	Scientific Name	EPBC Act	FFG Act	DSE
Superb Fairy-wren	<i>Malurus cyaneus</i>	-	-	-
Welcome Swallow	<i>Petrochelidon neoxena</i>	-	-	-
White-browed Scrubwren	<i>Sericornis frontalis</i>	-	-	-
White-faced Heron	<i>Egretta novaehollandiae</i>	-	-	-
White-necked Heron	<i>Ardea pacifica</i>	-	-	-
Willie Wagtail	<i>Rhipidura leucophrys</i>	-	-	-
Yellow-faced Honeyeater	<i>Lichenostomus chrysops</i>	-	-	-

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Notes: * = introduced species, EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), FFG = *Flora and Fauna Guarantee Act 1988* (FFG Act), DSE = Advisory List of Threatened Vertebrate Fauna in Victoria (DSE 2013)

Taxonomic order: Mammals (Strahan 1995 in Menkhorst & Knight 2004); Birds (Christidis & Boles, 2008); Reptiles and Amphibians (Cogger *et al.* 1983 in Cogger 1996); Fish (Nelson 1994); Mussels & Crustaceans (Alphabetical); Invertebrates (Alphabetical).

Appendix 2.2 – Likelihood of Threatened Fauna Occurrence

Table A2.2. Significant fauna within 10 kilometres of the study area.

Likelihood: Habitat characteristics of significant fauna species previously recorded within 10 kilometres of the study area, or that may potentially occur within the study area were assessed to determine their likelihood of occurrence. The likelihood of occurrence rankings are defined below.

1 - High Likelihood

- Known resident in the study area based on site observations, database records, or expert advice; and/or,
- Recent records (i.e. within five years) of the species in the local area (DELWP 2016d); and/or,
- The study area contains the species' preferred habitat.

2 - Moderate Likelihood

- The species is likely to visit the study area regularly (i.e. at least seasonally); and/or,
- Previous records of the species in the local area (DELWP 2016d); and/or,
- The study area contains some characteristics of the species' preferred habitat.

3 - Low Likelihood

- The species is likely to visit the study area occasionally or opportunistically whilst en route to more suitable sites; and/or,
- There are only limited or historical records of the species in the local area (i.e. more than 20 years old); and/or,
- The study area contains few or no characteristics of the species' preferred habitat.

4 - Unlikely

- No previous records of the species in the local area; and/or,
- The species may fly over the study area when moving between areas of more suitable habitat; and/or,
- Out of the species' range; and/or,
- No suitable habitat present.

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)	National Action Plan	Likelihood
NATIONAL SIGNIFICANCE								
Spot-tailed Quoll	<i>Dasyurus maculatus maculatus</i>	#	0	EN	L	EN	VU	
Greater Glider	<i>Petauroides volans</i>	#	0	VU	-	VU	VU	
Grey-headed Flying-fox	<i>Pteropus poliocephalus</i>	#	0	VU	L	VU	VU	
New Holland Mouse	<i>Pseudomys novaehollandiae</i>	1996	51	VU	L	VU	-	
Southern Elephant Seal	<i>Mirounga leonina</i>	1992	3	VU	-	-	-	
Southern Right Whale	<i>Eubalaena australis</i>	1991	4	EN	L	CR	-	
Blue Whale	<i>Balaenoptera musculus</i>	#	0	EN	L	CR	-	
Humpback Whale	<i>Megaptera novaeangliae</i>	#	0	VU	L	VU	-	

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)	National Action Plan	Likelihood
Wandering Albatross	<i>Diomedea exulans</i>	#	0	VU	L	EN	VU	
Southern Royal Albatross	<i>Diomedea epomophora epomophora</i>	#	0	VU	-	-	VU	
Northern Royal Albatross	<i>Diomedea epomophora sanfordi</i>	#	0	EN	-	-	VU	
Black-browed Albatross	<i>Thalassarche melanophris melanophris</i>	#	0	VU	-	VU	NT	
Shy Albatross	<i>Thalassarche cauta</i>	2007	2	VU	L	EN	VU	
Grey-headed Albatross	<i>Thalassarche chrysostoma</i>	#	0	EN	L	VU	VU	
Campbell Albatross	<i>Thalassarche melanophris impavida</i>	#	0	VU	-	-	VU	
White-capped Albatross	<i>Thalassarche cauta steadi</i>	#	0	VU	-	-	VU	
Salvin's Albatross	<i>Thalassarche salvini</i>	#	0	VU	-	-	VU	
Buller's Albatross	<i>Thalassarche bulleri</i>	#	0	VU	L	-	VU	
Northern Buller's Albatross	<i>Thalassarche bulleri platei</i>	#	0	VU	-	-	VU	
Gibson's Albatross	<i>Diomedea exulans gibsoni</i>	#	0	VU	-	-	VU	
Sooty Albatross	<i>Phoebastria fusca</i>	#	0	VU	L	-	VU	
Southern Giant-Petrel	<i>Macronectes giganteus</i>	#	0	EN	L	VU	VU	
Northern Giant-Petrel	<i>Macronectes halli</i>	#	0	VU	L	NT	-	
Fairy Prion	<i>Pachyptila turtur</i>	1976	2	VU	-	VU	-	
Gould's Petrel	<i>Pterodroma leucoptera</i>	#	0	EN	-	-	VU	
Australasian Bittern	<i>Botaurus poiciloptilus</i>	1994	2	EN	L	EN	VU	
Hooded Plover	<i>Thinornis rubricollis rubricollis</i>	1992	4	VU	L	VU	VU	
Australian Painted Snipe	<i>Rostratula australis</i>	#	0	VU	L	CR	VU	
Northern Siberian Bar-tailed Godwit	<i>Limosa lapponica menzbieri</i>	#	0	EN	-	-	VU	
Eastern Curlew	<i>Numenius madagascariensis</i>	1997	4	CR	-	VU	-	

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)	National Action Plan	Likelihood
Great Knot	<i>Calidris tenuirostris</i>	1986	1	CR	L	EN	-	
Red Knot	<i>Calidris canutus</i>	1996	9	EN	-	EN	-	
Curlew Sandpiper	<i>Calidris ferruginea</i>	1999	23	CR	-	EN	-	
Fairy Tern	<i>Sternula nereis nereis</i>	2003	8	VU	L	EN	-	
Swift Parrot	<i>Lathamus discolor</i>	1979	3	CR	L	EN	EN	
Orange-bellied Parrot	<i>Neophema chrysogaster</i>	#	0	CR	L	CR	CR	
Ground Parrot	<i>Pezoporus wallicus wallicus</i>	1990	1	-	L	EN	VU	
Regent Honeyeater	<i>Anthochaera phrygia</i>	#	0	CR	L	CR	EN	
Painted Honeyeater	<i>Grantiella picta</i>	#	0	VU	L	VU	NT	
Loggerhead Turtle	<i>Caretta caretta</i>	#	0	EN	-	-	VU	
Green Turtle	<i>Chelonia mydas</i>	#	0	VU	-	-	VU	
Leathery Turtle	<i>Dermochelys coriacea</i>	#	0	EN	L	CR	VU	
Green and Golden Bell Frog	<i>Litoria aurea</i>	2005	7	VU	-	VU	EN	
Growling Grass Frog	<i>Litoria raniformis</i>	1978	3	VU	L	EN	VU	
Great White Shark	<i>Carcharodon carcharias</i>	#	0	VU	L	VU	-	
Dwarf Galaxias	<i>Galaxiella pusilla</i>	#	0	VU	L	EN	VU	
Australian Grayling	<i>Prototroctes maraena</i>	#	0	VU	L	VU	VU	
STATE SIGNIFICANCE								
Magpie Goose	<i>Anseranas semipalmata</i>	1994	2	-	L	NT	-	3
Musk Duck	<i>Biziura lobata</i>	2007	53	-	-	VU	-	2
Freckled Duck	<i>Stictonetta naevosa</i>	1981	4	-	L	EN	-	3
Australasian Shoveler	<i>Anas rhynchos</i>	2006	64	-	-	VU	-	2

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)	National Action Plan	Likelihood
Hardhead	<i>Aythya australis</i>	2006	31	-	-	VU	-	2
Blue-billed Duck	<i>Oxyura australis</i>	1992	3	-	L	EN	-	2
White-throated Needletail	<i>Hirundapus caudacutus</i>	2008	6	-	-	VU	-	2
Eastern Great Egret	<i>Ardea modesta</i>	2008	88	-	L	VU	-	1
Intermediate Egret	<i>Ardea intermedia</i>	1993	2	-	L	EN	-	2
Little Egret	<i>Egretta garzetta nigripes</i>	2008	18	-	L	EN	-	2
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	2012	69	-	L	VU	-	3
Grey Goshawk	<i>Accipiter novaehollandiae novaehollandiae</i>	1999	1	-	L	VU	-	3
Black Falcon	<i>Falco subniger</i>	1999	1	-	-	VU	-	3
Lewin's Rail	<i>Lewinia pectoralis pectoralis</i>	1977	1	-	L	VU	NT	3
Baillon's Crake	<i>Porzana pusilla palustris</i>	1977	1	-	L	VU	-	3
Pacific Golden Plover	<i>Pluvialis fulva</i>	1999	3	-	-	VU	-	2
Black-tailed Godwit	<i>Limosa limosa</i>	1993	2	-	-	VU	-	2
Whimbrel	<i>Numenius phaeopus</i>	1991	2	-	-	VU	-	3
Terek Sandpiper	<i>Xenus cinereus</i>	1991	1	-	L	EN	-	3
Common Sandpiper	<i>Actitis hypoleucos</i>	1993	6	-	-	VU	-	2
Common Greenshank	<i>Tringa nebularia</i>	2008	45	-	-	VU	-	2
Marsh Sandpiper	<i>Tringa stagnatilis</i>	1995	6	-	-	VU	-	2
Ruddy Turnstone	<i>Arenaria interpres</i>	1991	2	-	-	VU	-	2
Little Tern	<i>Sternula albifrons sinensis</i>	2005	34	-	L	VU	-	2
Caspian Tern	<i>Hydroprogne caspia</i>	2008	67	-	L	NT	-	2
Masked Owl	<i>Tyto novaehollandiae novaehollandiae</i>	1999	1	-	L	EN	NT	3

Common Name	Scientific Name	Last Documented Record	# Records	EPBC Act	FFG ACT	DSE (2013)	National Action Plan	Likelihood
Chestnut-rumped Heathwren	<i>Calamanthus pyrrhopygius</i>	1977	1	-	L	VU	-	3
Hooded Robin	<i>Melanodryas cucullata cucullata</i>	1977	1	-	L	NT	NT	3
Diamond Firetail	<i>Stagonopleura guttata</i>	1977	1	-	L	NT	NT	3
Glossy Grass Skink	<i>Pseudemoia rawlinsoni</i>	1993	1	-	-	VU	-	3
Southern Toadlet	<i>Pseudophryne semimarmorata</i>	2007	2	-	-	VU	-	3
REGIONAL SIGNIFICANCE								
Eastern Pygmy-possum	<i>Cercartetus nanus</i>	1996	4	-	-	NT	-	3
Emu	<i>Dromaius novaehollandiae</i>	2007	17	-	-	NT	-	2
Pied Cormorant	<i>Phalacrocorax varius</i>	2005	105	-	-	NT	-	2
Nankeen Night Heron	<i>Nycticorax caledonicus hillii</i>	1999	7	-	-	NT	-	2
Royal Spoonbill	<i>Platalea regia</i>	2002	42	-	-	NT	-	2
Latham's Snipe	<i>Gallinago hardwickii</i>	1999	9	-	-	NT	-	2
Pectoral Sandpiper	<i>Calidris melanotos</i>	1986	2	-	-	NT	-	2
Whiskered Tern	<i>Chlidonias hybridus javanicus</i>	2003	18	-	-	NT	-	2
White-winged Black Tern	<i>Chlidonias leucopterus</i>	1991	5	-	-	NT	-	2
Pacific Gull	<i>Larus pacificus pacificus</i>	2007	27	-	-	NT	-	3
Azure Kingfisher	<i>Alcedo azurea</i>	1981	2	-	-	NT	-	3

Notes: EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), FFG = *Flora and Fauna Guarantee Act 1988* (FFG Act), DSE = Advisory List of Threatened Vertebrate Fauna in Victoria (DSE 2013), # = Records identified from EPBC Act Protected Matters Search Tool, CR = Critically Endangered, EN = Endangered, VU = Vulnerable, L = Listed a Threatened (FFG Act), NT = Near Threatened, . Data sources: Victorian Biodiversity Atlas (DELWP 2018b), Birdlife Australia Atlas (BLA 2018a); Birdlife Australia Shorebird 2020 (BLA 2018b); Protected Matters Search Tool (DoEE 2018). Taxonomic order: Mammals (Strahan 1995 in Menkhorst & Knight 2004); Birds (Christidis & Boles, 2008); Reptiles and Amphibians (Cogger *et al.* 1983 in Cogger 1996); Fish (Nelson 1994); Mussels & Crustaceans (Alphabetical); Invertebrates (Alphabetical).

Appendix 2.3 – Likelihood of Migratory Species Occurrence

Table A2.3. Significant fauna within 10 kilometres of the study area.

Likelihood: Habitat characteristics of significant fauna species previously recorded within 10 kilometres of the study area, or that may potentially occur within the study area were assessed to determine their likelihood of occurrence. The likelihood of occurrence rankings are defined below.

1 - High Likelihood

- Known resident in the study area based on site observations, database records, or expert advice; and/or,
- Recent records (i.e. within five years) of the species in the local area (DELWP 2016d); and/or,
- The study area contains the species' preferred habitat.

2 - Moderate Likelihood

- The species is likely to visit the study area regularly (i.e. at least seasonally); and/or,
- Previous records of the species in the local area (DELWP 2018c); and/or,
- The study area contains some characteristics of the species' preferred habitat.

3 - Low Likelihood

- The species is likely to visit the study area occasionally or opportunistically whilst en route to more suitable sites; and/or,
- There are only limited or historical records of the species in the local area (i.e. more than 20 years old); and/or,
- The study area contains few or no characteristics of the species' preferred habitat.

4 - Unlikely

- No previous records of the species in the local area; and/or,
- The species may fly over the study area when moving between areas of more suitable habitat; and/or,
- Out of the species' range; and/or,
- No suitable habitat present.

Common Name	Scientific Name	Last Documented Record	# Records	Likelihood
Australasian Gannet	<i>Morus serrator</i>	2010	8	3
Australasian Pipit	<i>Anthus novaeseelandiae</i>	2008	20	2
Australian Painted Snipe	<i>Rostratula australis</i>	#	0	3
Australian Pelican	<i>Pelecanus conspicillatus</i>	2010	203	2
Australian White Ibis	<i>Threskiornis molucca</i>	2010	82	2
Baillon's Crake	<i>Porzana pusilla palustris</i>	1977	1	3
Bar-tailed Godwit	<i>Limosa lapponica</i>	1996	6	2
Black-browed Albatross	<i>Thalassarche melanophris melanophris</i>	#	0	3
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	2009	24	2
Black-faced Monarch	<i>Monarcha melanopsis</i>	#	0	3
Black-tailed Godwit	<i>Limosa limosa</i>	1993	2	2



Common Name	Scientific Name	Last Documented Record	# Records	Likelihood
Black-winged Stilt	<i>Himantopus himantopus</i>	2009	40	2
Blue Whale	<i>Balaenoptera musculus</i>	#	0	4
Broad-billed Sandpiper	<i>Limicola falcinellus</i>	1986	1	2
Buller's Albatross	<i>Thalassarche bulleri</i>	#	0	3
Campbell Albatross	<i>Thalassarche melanophris impavida</i>	#	0	3
Common Greenshank	<i>Tringa nebularia</i>	2017	47	2
Common Sandpiper	<i>Actitis hypoleucos</i>	2012	7	2
Common Tern	<i>Sterna hirundo</i>	2017	53	1
Curlew Sandpiper	<i>Calidris ferruginea</i>	2017	34	2
Double-banded Plover	<i>Charadrius bicinctus</i>	2013	20	2
Eastern Curlew	<i>Numenius madagascariensis</i>	1997	4	3
Fairy Prion	<i>Pachyptila turtur</i>	1976	2	2
Fairy Tern	<i>Sternula nereis nereis</i>	2003	8	2
Flesh-footed Shearwater	<i>Puffinus carneipes</i>	#	0	3
Gibson's Albatross	<i>Diomedea exulans gibsoni</i>	#	0	3
Gould's Petrel	<i>Pterodroma leucoptera</i>	#	0	3
Great Knot	<i>Calidris tenuirostris</i>	1986	1	2
Great White Shark	<i>Carcharodon carcharias</i>	#	0	4
Green Turtle	<i>Chelonia mydas</i>	#	0	4
Grey-headed Albatross	<i>Thalassarche chrysostoma</i>	#	0	3
Hooded Plover	<i>Thinornis rubricollis rubricollis</i>	1992	4	2
Humpback Whale	<i>Megaptera novaeangliae</i>	#	0	4
Killer Whale	<i>Orcinus orca</i>	#	0	4
Latham's Snipe	<i>Gallinago hardwickii</i>	2017	25	2
Leathery Turtle	<i>Dermochelys coriacea</i>	#	0	4
Leopard Seal	<i>Hydrurga leptonyx</i>	1994	1	4
Little Tern	<i>Sternula albifrons sinensis</i>	2017	74	2
Loggerhead Turtle	<i>Caretta caretta</i>	#	0	4
Marsh Sandpiper	<i>Tringa stagnatilis</i>	2015	7	2



Common Name	Scientific Name	Last Documented Record	# Records	Likelihood
Northern Buller's Albatross	<i>Thalassarche bulleri platei</i>	#	0	3
Northern Giant-Petrel	<i>Macronectes halli</i>	#	0	3
Northern Royal Albatross	<i>Diomedea epomophora sanfordi</i>	#	0	3
Northern Siberian Bar-tailed Godwit	<i>Limosa lapponica menzbieri</i>	#	0	3
Pacific Golden Plover	<i>Pluvialis fulva</i>	1999	6	2
Pectoral Sandpiper	<i>Calidris melanotos</i>	1986	2	3
Pygmy Right Whale	<i>Caperea marginata</i>	#	0	4
Red Knot	<i>Calidris canutus</i>	2011	10	2
Red-capped Plover	<i>Charadrius ruficapillus</i>	2009	52	2
Red-necked Avocet	<i>Recurvirostra novaehollandiae</i>	2008	11	2
Red-necked Stint	<i>Calidris ruficollis</i>	2017	50	2
Ruddy Turnstone	<i>Arenaria interpres</i>	1991	2	2
Salvin's Albatross	<i>Thalassarche salvini</i>	#	0	3
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	2017	90	2
Short-tailed Shearwater	<i>Puffinus tenuirostris</i>	1999	2	3
Shy Albatross	<i>Thalassarche cauta</i>	2007	2	3
Sooty Albatross	<i>Phoebastria fusca</i>	#	0	3
Southern Elephant Seal	<i>Mirounga leonina</i>	1992	3	4
Southern Giant-Petrel	<i>Macronectes giganteus</i>	#	0	3
Southern Right Whale	<i>Eubalaena australis</i>	1991	4	4
Southern Royal Albatross	<i>Diomedea epomophora epomophora</i>	#	0	3
Swift Parrot	<i>Lathamus discolor</i>	1979	3	3
Terek Sandpiper	<i>Xenus cinereus</i>	1991	1	2
Wandering Albatross	<i>Diomedea exulans</i>	#	0	3
Whimbrel	<i>Numenius phaeopus</i>	1991	2	2
Whiskered Tern	<i>Chlidonias hybridus javanicus</i>	2003	18	2
White-capped Albatross	<i>Thalassarche cauta steadi</i>	#	0	3
White-throated Needletail	<i>Hirundapus caudacutus</i>	2009	9	2
White-winged Black Tern	<i>Chlidonias leucopterus</i>	1991	5	2

Notes: EPBC = Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act), FFG = Flora and Fauna Guarantee Act 1988 (FFG Act), DSE = Advisory List of Threatened Vertebrate Fauna in Victoria (DSE 2013), # = Records identified from EPBC Act Protected Matters Search Tool. Data sources: Victorian Biodiversity Atlas (DELWP 2018b), Birdlife Australia Atlas (BLA 2018a); Birdlife Australia Shorebird 2020 (BLA 2018b); Protected Matters Search Tool (DoEE 2018). Taxonomic order: Mammals (Strahan 1995 in Menkhorst & Knight 2004); Birds (Christidis & Boles, 2008); Reptiles and Amphibians (Cogger *et al.* 1983 in Cogger 1996); Fish (Nelson 1994); Mussels & Crustaceans (Alphabetical); Invertebrates (Alphabetical).

APPENDIX 3

Appendix 3.1 – Native Vegetation Removal (NVR) report, DELWP

This report provides information to support an application to remove, destroy or lop native vegetation in accordance with the *Guidelines for the removal, destruction or lopping of native vegetation*. The report **is not an assessment by DELWP** of the proposed native vegetation removal. Native vegetation information and offset requirements have been determined using spatial data provided by the applicant or their consultant.

Date of issue: 06/08/2018

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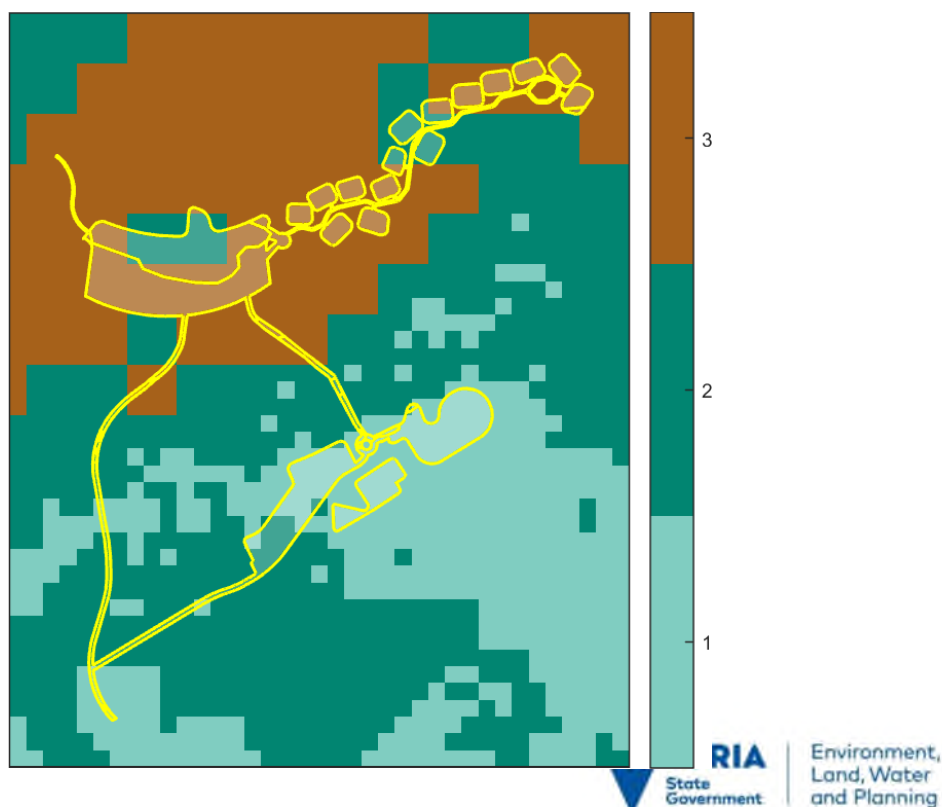
Time of issue: 3:57 pm

Project ID	EHP9998_Seacombe_03082018
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Assessment pathway

Assessment pathway	Detailed Assessment Pathway
Extent including past and proposed	8.993 ha
Extent of past removal	0.000 ha
Extent of proposed removal	8.993 ha
No. Large trees proposed to be removed	0
Location category of proposed removal	Location 3 The native vegetation is in an area where the removal of less than 0.5 hectares could have a significant impact on habitat for one or more rare or threatened species. The native vegetation is also in an area mapped as an endangered Ecological Vegetation Class (as per the statewide EVC map); and a wetland designated under the Convention on Wetlands of International Importance (the Ramsar Convention); and a wetland listed in the Directory of Important Wetlands of Australia.

1. Location map



Offset requirements if a permit is granted

Any approval granted will include a condition to obtain an offset that meets the following requirements:

Species offset amount¹	9.809 species units of habitat for Pacific Golden Plover, <i>Pluvialis fulva</i> 9.306 species units of habitat for Eastern Curlew, <i>Numenius madagascariensis</i> 10.815 species units of habitat for Whimbrel, <i>Numenius phaeopus</i> 10.669 species units of habitat for Grey-tailed Tattler, <i>Tringa brevipes</i> 9.085 species units of habitat for Common Sandpiper, <i>Actitis hypoleucos</i> 10.769 species units of habitat for Common Greenshank, <i>Tringa nebularia</i> 9.547 species units of habitat for Marsh Sandpiper, <i>Tringa stagnatilis</i> 10.740 species units of habitat for Red Knot, <i>Calidris canutus</i> 10.709 species units of habitat for Great Knot, <i>Calidris tenuirostris</i> 9.958 species units of habitat for Australasian Shoveler, <i>Anas rhynchos</i> 9.818 species units of habitat for Freckled Duck, <i>Stictonetta naevosa</i> 9.904 species units of habitat for Blue-billed Duck, <i>Oxyura australis</i> 9.842 species units of habitat for Musk Duck, <i>Biziura lobata</i> 10.728 species units of habitat for White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i> 6.789 species units of habitat for Ruddy Turnstone, <i>Arenaria interpres</i> 9.821 species units of habitat for Lesser Sand Plover, <i>Charadrius mongolus</i> 10.615 species units of habitat for Terek Sandpiper, <i>Xenus cinereus</i> 9.903 species units of habitat for Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i> 9.903 species units of habitat for Grey Mangrove, <i>Avicennia marina subsp. australasica</i> 9.903 species units of habitat for Creeping Rush, <i>Juncus revolutus</i> 9.590 species units of habitat for Ribbed Thryptomene, <i>Thryptomene micrantha</i> 5.946 species units of habitat for Tiny Arrowgrass, <i>Triglochin minutissima</i> 5.687 species units of habitat for Bluish Pigface, <i>Carpobrotus glaucescens</i> 9.437 species units of habitat for Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
Large trees	0 trees

NB: values within tables in this document may not add to the totals shown above due to rounding

Appendix 1 includes information about the native vegetation to be removed

Appendix 2 includes information about the rare or threatened species mapped at the site.

Appendix 3 includes maps showing native vegetation to be removed and extracts of relevant species habitat importance maps

¹ The species offset amount(s) required is the sum of all species habitat units in Appendix 1.

Next steps

Any proposal to remove native vegetation must meet the application requirements of the Detailed Assessment Pathway and it will be assessed under the Detailed Assessment Pathway.

If you wish to remove the mapped native vegetation you are required to apply for a permit from your local council. Council will refer your application to DELWP for assessment, as required. **This report is not a referral assessment by DELWP.**

This *Native vegetation removal report* must be submitted with your application for a permit to remove, destroy or lop native vegetation.

Refer to the *Guidelines for the removal, destruction or lopping of native vegetation* (the Guidelines) for a full list of application requirements. This report provides information that meets the following application requirements:

- The assessment pathway and reason for the assessment pathway
- A description of the native vegetation to be removed (partly met)
- Maps showing the native vegetation and property (partly met)
- Information about the impacts on rare or threatened species.
- The offset requirements determined in accordance with section 5 of the Guidelines that apply if approval is granted to remove native vegetation.

Additional application requirements must be met including:

- Topographical and land information
- Recent dated photographs
- Details of past native vegetation removal
- An avoid and minimise statement
- A copy of any Property Vegetation Plan that applies
- A defensible space statement as applicable
- A statement about the Native Vegetation Precinct Plan as applicable
- A site assessment report including a habitat hectare assessment of any patches of native vegetation and details of trees
- An offset statement that explains that an offset has been identified and how it will be secured.

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Obtaining this publication does not guarantee that an application will meet the requirements of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes or that a permit to remove native vegetation will be granted.

Notwithstanding anything else contained in this publication, you must ensure that you comply with all relevant laws, legislation, awards or orders and that you obtain and comply with all permits, approvals and the like that affect, are applicable or are necessary to undertake any action to remove, lop or destroy or otherwise deal with any native vegetation or that apply to matters within the scope of Clauses 52.16 or 52.17 of the Victoria Planning Provisions and Victorian planning schemes.

Appendix 1: Description of native vegetation to be removed

The species-general offset test was applied to your proposal. This test determines if the proposed removal of native vegetation has a proportional impact on any rare or threatened species habitats above the species offset threshold. The threshold is set at 0.005 per cent of the mapped habitat value for a species. When the proportional impact is above the species offset threshold a species offset is required. This test is done for all species mapped at the site. Multiple species offsets will be required if the species offset threshold is exceeded for multiple species.

Where a zone requires species offset(s), the species habitat units for each species in that zone is calculated by the following equation in accordance with the Guidelines:

$$\text{Species habitat units} = \text{extent} \times \text{condition} \times \text{species landscape factor} \times 2, \text{ where the species landscape factor} = 0.5 + (\text{habitat importance score}/2)$$

The species offset amount(s) required is the sum of all species habitat units per zone

Where a zone does not require a species offset, the general habitat units in that zone is calculated by the following equation in accordance with the Guidelines:

$$\text{General habitat units} = \text{extent} \times \text{condition} \times \text{general landscape factor} \times 1.5, \text{ where the general landscape factor} = 0.5 + (\text{strategic biodiversity value score}/2)$$

The general offset amount required is the sum of all general habitat units per zone.

Native vegetation to be removed

Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Information provided by or on behalf of the applicant in a GIS file			Information calculated by EnSym				
						Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type	
1-EB	Patch	gipp0010	Endangered	0	no	0.940	0.068	0.068	0.967	0.684	0.108	10137 Pacific Golden Plover <i>Pluvialis fulva</i>	
										0.596	0.102	10149 Eastern Curlew <i>Numenius madagascariensis</i>	
										0.863	0.119	10150 Whimbrel <i>Numenius phaeopus</i>	
										0.824	0.117	10155 Grey-tailed Tattler <i>Tringa brevipes</i>	
										0.564	0.100	10157 Common Sandpiper <i>Actitis hypoleucos</i>	
										0.853	0.119	10158 Common Greenshank <i>Tringa nebularia</i>	
										0.636	0.105	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>	
										0.844	0.118	10164 Red Knot <i>Calidris canutus</i>	
										0.844	0.118	10165 Great Knot <i>Calidris tenuirostris</i>	
										0.714	0.110	10212 Australasian Shoveler <i>Anas rhynchos</i>	

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.686	0.108	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.704	0.109	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.694	0.108	10217 Musk Duck <i>Biziura lobata</i>
										0.844	0.118	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.686	0.108	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.824	0.117	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.704	0.109	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.704	0.109	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.704	0.109	501839 Creeping Rush <i>Juncus revolutus</i>
										0.704	0.109	503396 Ribbed Thyrtomene <i>Thyrtomene micrantha</i>
										0.477	0.110	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.704	0.109	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
2-EC	Patch	gipp0010	Endangered	0	no	0.920	0.020	0.020	0.950	0.660	0.031	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.570	0.029	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.830	0.034	10150 Whimbrel <i>Numenius phaeopus</i>
										0.800	0.033	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.540	0.028	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.820	0.034	10158 Common Greenshank <i>Tringa nebularia</i>
										0.610	0.030	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.820	0.034	10164 Red Knot <i>Calidris canutus</i>
										0.820	0.034	10165 Great Knot <i>Calidris tenuirostris</i>
										0.690	0.031	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.660	0.031	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.680	0.031	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.670	0.031	10217 Musk Duck <i>Biziura lobata</i>
										0.820	0.034	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.660	0.031	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.800	0.033	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.630	0.030	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.630	0.030	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.630	0.030	501839 Creeping Rush <i>Juncus revolutus</i>
										0.630	0.030	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.630	0.030	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
3-DC	Patch	gipp0003	Vulnerable	0	no	0.410	0.013	0.013	0.845	0.570	0.009	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.131	0.009	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
4-WB	Patch	gipp0009	Least Concern	0	no	0.652	1.516	1.516	0.977	0.705	1.686	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.622	1.603	10149 Eastern Curlew <i>Numenius madagascariensis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.882	1.860	10150 Whimbrel <i>Numenius phaeopus</i>
										0.850	1.829	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.582	1.564	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.880	1.858	10158 Common Greenshank <i>Tringa nebularia</i>
										0.662	1.643	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.871	1.850	10164 Red Knot <i>Calidris canutus</i>
										0.868	1.847	10165 Great Knot <i>Calidris tenuirostris</i>
										0.735	1.716	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.712	1.692	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.730	1.711	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.715	1.696	10217 Musk Duck <i>Biziura lobata</i>
										0.872	1.850	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.717	1.817	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.712	1.692	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.842	1.821	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.652	1.633	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.652	1.633	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.652	1.633	501839 Creeping Rush <i>Juncus revolutus</i>
										0.652	1.633	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.011	1.700	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.553	1.627	503663 Bluish Pigface <i>Carpobrotus glaucescens</i>
										0.652	1.633	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
5-DB	Patch	gipp0003	Vulnerable	0	no	0.820	0.011	0.011	0.950	0.640	0.015	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.790	0.016	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.600	0.015	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.650	0.015	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.780	0.016	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.570	0.014	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.570	0.014	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.570	0.014	501839 Creeping Rush <i>Juncus revolutus</i>
										0.570	0.014	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
6-DB	Patch	gipp0003	Vulnerable	0	no	0.820	0.079	0.079	0.873	0.660	0.108	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.170	0.102	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.247	0.119	10150 Whimbrel <i>Numenius phaeopus</i>
										0.238	0.117	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.161	0.100	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.244	0.118	10158 Common Greenshank <i>Tringa nebularia</i>
										0.182	0.105	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.244	0.118	10164 Red Knot <i>Calidris canutus</i>
										0.244	0.118	10165 Great Knot <i>Calidris tenuirostris</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.206	0.110	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.197	0.108	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.203	0.109	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.200	0.109	10217 Musk Duck <i>Biziura lobata</i>
										0.244	0.118	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.197	0.108	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.238	0.117	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.404	0.101	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.404	0.101	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.404	0.101	501839 Creeping Rush <i>Juncus revolutus</i>
										0.188	0.106	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.188	0.106	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
7-DB	Patch	gjpp0003	Vulnerable	0	no	0.820	0.000	0.000	0.950	0.590	0.000	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.590	0.000	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.590	0.000	501839 Creeping Rush <i>Juncus revolutus</i>
										0.590	0.000	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
8-EC	Patch	gjpp0010	Endangered	0	no	0.920	0.034	0.034	0.970	0.690	0.053	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.608	0.050	10149 Eastern Curlew <i>Numenius madagascariensis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.870	0.058	10150 Whimbrel <i>Numenius phaeopus</i>
										0.830	0.057	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.578	0.049	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.860	0.058	10158 Common Greenshank <i>Tringa nebularia</i>
										0.648	0.051	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.850	0.058	10164 Red Knot <i>Calidris canutus</i>
										0.850	0.058	10165 Great Knot <i>Calidris tenuirostris</i>
										0.720	0.054	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.698	0.053	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.710	0.053	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.700	0.053	10217 Musk Duck <i>Biziura lobata</i>
										0.858	0.058	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.698	0.053	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.838	0.057	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.737	0.054	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.737	0.054	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.737	0.054	501839 Creeping Rush <i>Juncus revolutus</i>
										0.737	0.054	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.737	0.054	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.737	0.054	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
9-EC	Patch	gipp0010	Endangered	0	no	0.920	0.003	0.003	0.970	0.680	0.004	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.600	0.004	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.860	0.005	10150 Whimbrel <i>Numenius phaeopus</i>
										0.820	0.005	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.570	0.004	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.850	0.005	10158 Common Greenshank <i>Tringa nebularia</i>
										0.640	0.004	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.850	0.005	10164 Red Knot <i>Calidris canutus</i>
										0.850	0.005	10165 Great Knot <i>Calidris tenuirostris</i>
										0.710	0.004	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.690	0.004	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.710	0.004	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.700	0.004	10217 Musk Duck <i>Biziura lobata</i>
										0.850	0.005	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.690	0.004	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.820	0.005	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.710	0.004	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.710	0.004	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.710	0.004	501839 Creeping Rush <i>Juncus revolutus</i>
										0.710	0.004	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>

Information provided by or on behalf of the applicant in a GIS file						Information calculated by EnSym						
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.710	0.004	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.710	0.004	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
10-EC	Patch	gipp0010	Endangered	0	no	0.920	0.014	0.014	0.890	0.660	0.021	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.580	0.020	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.840	0.024	10150 Whimbrel <i>Numenius phaeopus</i>
										0.800	0.023	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.540	0.020	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.830	0.024	10158 Common Greenshank <i>Tringa nebularia</i>
										0.620	0.021	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.820	0.023	10164 Red Knot <i>Calidris canutus</i>
										0.820	0.023	10165 Great Knot <i>Calidris tenuirostris</i>
										0.690	0.022	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.670	0.021	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.680	0.022	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.670	0.021	10217 Musk Duck <i>Biziura lobata</i>
										0.820	0.023	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.670	0.021	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.810	0.023	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.610	0.021	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.610	0.021	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.610	0.021	501839 Creeping Rush <i>Juncus revolutus</i>
										0.610	0.021	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.610	0.021	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
11-DA	Patch	gjpp0009	Least Concern	0	no	0.500	0.019	0.019	0.970	0.717	0.016	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.627	0.015	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.890	0.018	10150 Whimbrel <i>Numenius phaeopus</i>
										0.870	0.017	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.590	0.015	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.880	0.017	10158 Common Greenshank <i>Tringa nebularia</i>
										0.670	0.015	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.880	0.017	10164 Red Knot <i>Calidris canutus</i>
										0.877	0.017	10165 Great Knot <i>Calidris tenuirostris</i>
										0.737	0.016	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.717	0.016	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.737	0.016	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.717	0.016	10217 Musk Duck <i>Biziura lobata</i>
										0.880	0.017	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.853	0.017	10129 Ruddy Turnstone <i>Arenaria interpres</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.717	0.016	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.838	0.017	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.728	0.016	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.728	0.016	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.728	0.016	501839 Creeping Rush <i>Juncus revolutus</i>
										0.728	0.016	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.728	0.016	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
12-DA	Patch	gipp0009	Least Concern	0	no	0.500	0.001	0.001	0.970	0.690	0.001	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.610	0.001	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.870	0.001	10150 Whimbrel <i>Numenius phaeopus</i>
										0.830	0.001	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.580	0.001	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.860	0.001	10158 Common Greenshank <i>Tringa nebularia</i>
										0.650	0.001	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.850	0.001	10164 Red Knot <i>Calidris canutus</i>
										0.850	0.001	10165 Great Knot <i>Calidris tenuirostris</i>
										0.720	0.001	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.700	0.001	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.710	0.001	10216 Blue-billed Duck <i>Oxyura australis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.700	0.001	10217 Musk Duck <i>Biziura lobata</i>
										0.860	0.001	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.700	0.001	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.840	0.001	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.740	0.001	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.740	0.001	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.740	0.001	501839 Creeping Rush <i>Juncus revolutus</i>
										0.740	0.001	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.740	0.001	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.740	0.001	504537 Eastern Water-ribbons <i>Cyrtogeton microtuberosum</i>
13-DA	Patch	gipp0009	Least Concern	0	no	0.500	0.005	0.005	0.890	0.660	0.004	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.580	0.004	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.840	0.004	10150 Whimbrel <i>Numenius phaeopus</i>
										0.800	0.004	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.540	0.004	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.830	0.004	10158 Common Greenshank <i>Tringa nebularia</i>
										0.620	0.004	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.820	0.004	10164 Red Knot <i>Calidris canutus</i>
										0.820	0.004	10165 Great Knot <i>Calidris tenuirostris</i>

Information provided by or on behalf of the applicant in a GIS file						Information calculated by EnSym						
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.690	0.004	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.670	0.004	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.680	0.004	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.670	0.004	10217 Musk Duck <i>Biziura lobata</i>
										0.820	0.004	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.670	0.004	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.810	0.004	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.610	0.004	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.610	0.004	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.610	0.004	501839 Creeping Rush <i>Juncus revolutus</i>
										0.610	0.004	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.610	0.004	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
14-DA	Patch	gjpp0009	Least Concern	0	no	0.500	0.010	0.010	0.890	0.660	0.008	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.580	0.008	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.840	0.009	10150 Whimbrel <i>Numenius phaeopus</i>
										0.800	0.009	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.540	0.008	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.830	0.009	10158 Common Greenshank <i>Tringa nebularia</i>
										0.620	0.008	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.820	0.009	10164 Red Knot <i>Calidris canutus</i>
										0.820	0.009	10165 Great Knot <i>Calidris tenuirostris</i>
										0.690	0.008	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.670	0.008	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.680	0.008	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.670	0.008	10217 Musk Duck <i>Biziura lobata</i>
										0.820	0.009	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.670	0.008	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.810	0.009	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.610	0.008	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.610	0.008	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.610	0.008	501839 Creeping Rush <i>Juncus revolutus</i>
										0.610	0.008	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.610	0.008	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
15-ED	Patch	gjpp0010	Endangered	0	no	0.710	0.000	0.000	0.830	0.570	0.000	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.570	0.000	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.570	0.000	501839 Creeping Rush <i>Juncus revolutus</i>
16-ED	Patch	gjpp0010	Endangered	0	no	0.710	0.444	0.444	0.840	0.440	0.454	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.058	0.454	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.058	0.454	501839 Creeping Rush <i>Juncus revolutus</i>
17-ED	Patch	gipp0010	Endangered	0	no	0.710	2.625	2.625	0.867	0.615	3.009	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.023	2.854	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.077	3.333	10150 Whimbrel <i>Numenius phaeopus</i>
										0.020	3.287	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.048	2.784	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.076	3.306	10158 Common Greenshank <i>Tringa nebularia</i>
										0.072	2.923	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.033	3.309	10164 Red Knot <i>Calidris canutus</i>
										0.061	3.285	10165 Great Knot <i>Calidris tenuirostris</i>
										0.063	3.064	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.060	3.011	10214 Freckled Duck <i>Stricktonetta naevosa</i>
										0.061	3.030	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.061	3.026	10217 Musk Duck <i>Biziura lobata</i>
										0.074	3.285	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.139	2.998	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.123	3.283	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.342	2.797	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.342	2.797	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.342	2.797	501839 Creeping Rush <i>Juncus revolutus</i>
										0.089	2.943	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.049	2.804	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
18-WA	Patch	gjpp0009	Least Concern	0	no	0.660	3.292	3.292	0.971	0.710	3.714	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.627	3.535	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.885	4.096	10150 Whimbrel <i>Numenius phaeopus</i>
										0.856	4.031	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.589	3.451	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.880	4.083	10158 Common Greenshank <i>Tringa nebularia</i>
										0.666	3.620	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.872	4.066	10164 Red Knot <i>Calidris canutus</i>
										0.870	4.062	10165 Great Knot <i>Calidris tenuirostris</i>
										0.738	3.775	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.717	3.730	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.732	3.763	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.718	3.731	10217 Musk Duck <i>Biziura lobata</i>
										0.875	4.074	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.621	4.018	10129 Ruddy Turnstone <i>Arenaria interpres</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.717	3.730	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.842	4.003	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.660	3.607	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.660	3.607	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.660	3.607	501839 Creeping Rush <i>Juncus revolutus</i>
										0.660	3.607	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.145	3.725	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.344	3.520	503663 Bluish Pigface <i>Carpobrotus glaucescens</i>
										0.660	3.607	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
19-WB	Patch	gipp0009	Least Concern	0	no	0.720	0.140	0.140	0.970	0.710	0.173	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.620	0.164	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.880	0.190	10150 Whimbrel <i>Numenius phaeopus</i>
										0.870	0.189	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.590	0.161	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.880	0.190	10158 Common Greenshank <i>Tringa nebularia</i>
										0.660	0.168	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.870	0.189	10164 Red Knot <i>Calidris canutus</i>
										0.870	0.189	10165 Great Knot <i>Calidris tenuirostris</i>
										0.730	0.175	10212 Australasian Shoveler <i>Anas rhynchos</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.710	0.173	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.730	0.175	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.710	0.173	10217 Musk Duck <i>Biziura lobata</i>
										0.880	0.190	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.870	0.189	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.710	0.173	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.830	0.185	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.720	0.174	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.720	0.174	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.720	0.174	501839 Creeping Rush <i>Juncus revolutus</i>
										0.720	0.174	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.720	0.174	504537 Eastern Water-ribbons <i>Cycogeton microtuberosum</i>
20-WC	Patch	gjpp0009	Least Concern	0	no	0.726	0.122	0.122	0.970	0.716	0.152	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.626	0.144	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.890	0.167	10150 Whimbrel <i>Numenius phaeopus</i>
										0.870	0.165	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.590	0.140	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.880	0.166	10158 Common Greenshank <i>Tringa nebularia</i>
										0.670	0.148	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.880	0.166	10164 Red Knot <i>Calidris canutus</i>
										0.876	0.166	10165 Great Knot <i>Calidris tenuirostris</i>
										0.736	0.153	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.716	0.152	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.736	0.153	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.716	0.152	10217 Musk Duck <i>Biziura lobata</i>
										0.880	0.166	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.870	0.165	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.716	0.152	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.836	0.162	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.726	0.152	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.726	0.152	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.726	0.152	501839 Creeping Rush <i>Juncus revolutus</i>
										0.726	0.152	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.726	0.152	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
21-WD	Patch	gipp0009	Least Concern	0	no	0.699	0.146	0.146	0.970	0.704	0.174	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.620	0.165	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.874	0.191	10150 Whimbrel <i>Numenius phaeopus</i>
										0.860	0.190	10155 Grey-tailed Tattler <i>Tringa brevipes</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.583	0.161	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.874	0.191	10158 Common Greenshank <i>Tringa nebularia</i>
										0.659	0.169	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.870	0.191	10164 Red Knot <i>Calidris canutus</i>
										0.864	0.190	10165 Great Knot <i>Calidris tenuirostris</i>
										0.729	0.176	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.709	0.174	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.724	0.176	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.710	0.174	10217 Musk Duck <i>Biziura lobata</i>
										0.874	0.191	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.850	0.189	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.710	0.174	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.833	0.187	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.699	0.173	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.699	0.173	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.699	0.173	501839 Creeping Rush <i>Juncus revolutus</i>
										0.699	0.173	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.347	0.173	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.466	0.173	503663 Bluish Pigface <i>Carpobrotus glaucescens</i>
										0.699	0.173	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
22-WE	Patch	gipp0009	Least Concern	0	no	0.718	0.155	0.155	0.970	0.700	0.189	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.610	0.179	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.870	0.208	10150 Whimbrel <i>Numenius phaeopus</i>
										0.850	0.206	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.579	0.176	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.870	0.208	10158 Common Greenshank <i>Tringa nebularia</i>
										0.650	0.183	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.860	0.207	10164 Red Knot <i>Calidris canutus</i>
										0.860	0.207	10165 Great Knot <i>Calidris tenuirostris</i>
										0.720	0.191	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.700	0.189	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.720	0.191	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.700	0.189	10217 Musk Duck <i>Biziura lobata</i>
										0.870	0.208	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.840	0.204	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.700	0.189	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.829	0.203	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.718	0.191	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.718	0.191	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.718	0.191	501839 Creeping Rush <i>Juncus revolutus</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.718	0.191	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.718	0.191	503663 Bluish Pigface <i>Carpobrotus glaucescens</i>
										0.718	0.191	504537 Eastern Water-ribbons <i>Cynogeton microtuberosum</i>
23-WF	Patch	gipp0009	Least Concern	0	no	0.730	0.140	0.140	0.970	0.701	0.174	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.618	0.165	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.880	0.192	10150 Whimbrel <i>Numenius phaeopus</i>
										0.851	0.189	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.581	0.162	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.871	0.191	10158 Common Greenshank <i>Tringa nebularia</i>
										0.658	0.169	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.865	0.191	10164 Red Knot <i>Calidris canutus</i>
										0.861	0.190	10165 Great Knot <i>Calidris tenuirostris</i>
										0.728	0.177	10212 Australasian Shoveler <i>Anas rhynchosotis</i>
										0.703	0.174	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.721	0.176	10216 Blue-billed Duck <i>Oxyura australis</i>
										0.711	0.175	10217 Musk Duck <i>Biziura lobata</i>
										0.865	0.191	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.145	0.189	10129 Ruddy Turnstone <i>Arenaria interpres</i>
										0.703	0.174	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.840	0.188	10160 Terek Sandpiper <i>Xenus cinereus</i>

Information provided by or on behalf of the applicant in a GIS file						Information calculated by EnSym						
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.730	0.177	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.730	0.177	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.730	0.177	501839 Creeping Rush <i>Juncus revolutus</i>
										0.730	0.177	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.246	0.177	503446 Tiny Arrowgrass <i>Triglochin minutissima</i>
										0.124	0.177	503663 Bluish Pigface <i>Carpobrotus glaucescens</i>
										0.730	0.177	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>
24-WG	Patch	gipp0009	Least Concern	0	no	0.730	0.137	0.137	0.970	0.700	0.170	10137 Pacific Golden Plover <i>Pluvialis fulva</i>
										0.620	0.162	10149 Eastern Curlew <i>Numenius madagascariensis</i>
										0.880	0.187	10150 Whimbrel <i>Numenius phaeopus</i>
										0.850	0.184	10155 Grey-tailed Tattler <i>Tringa brevipes</i>
										0.580	0.158	10157 Common Sandpiper <i>Actitis hypoleucos</i>
										0.870	0.186	10158 Common Greenshank <i>Tringa nebularia</i>
										0.660	0.166	10159 Marsh Sandpiper <i>Tringa stagnatilis</i>
										0.860	0.185	10164 Red Knot <i>Calidris canutus</i>
										0.860	0.185	10165 Great Knot <i>Calidris tenuirostris</i>
										0.730	0.173	10212 Australasian Shoveler <i>Anas rhynchos</i>
										0.701	0.170	10214 Freckled Duck <i>Stictonetta naevosa</i>
										0.720	0.172	10216 Blue-billed Duck <i>Oxyura australis</i>

Information provided by or on behalf of the applicant in a GIS file							Information calculated by EnSym					
Zone	Type	BioEVC	BioEVC conservation status	Large tree(s)	Partial removal	Condition score	Polygon Extent	Extent without overlap	SBV score	HI score	Habitat units	Offset type
										0.710	0.171	10217 Musk Duck <i>Biziura lobata</i>
										0.861	0.186	10226 White-bellied Sea-Eagle <i>Haliaeetus leucogaster</i>
										0.701	0.170	10139 Lesser Sand Plover <i>Charadrius mongolus</i>
										0.840	0.183	10160 Terek Sandpiper <i>Xenus cinereus</i>
										0.730	0.173	500326 Marsh Saltbush <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
										0.730	0.173	500345 Grey Mangrove <i>Avicennia marina</i> subsp. <i>australasica</i>
										0.730	0.173	501839 Creeping Rush <i>Juncus revolutus</i>
										0.730	0.173	503396 Ribbed Thryptomene <i>Thryptomene micrantha</i>
										0.730	0.173	504537 Eastern Water-ribbons <i>Cycnogeton microtuberosum</i>

Appendix 2: Information about impacts to rare or threatened species' habitats on site

This table lists all rare or threatened species' habitats mapped at the site.

Species common name	Species scientific name	Species number	Conservation status	Group	Habitat impacted	% habitat value affected
Eastern Curlew	<i>Numenius madagascariensis</i>	10149	Vulnerable	Dispersed	Top ranking map	0.1363
Great Knot	<i>Calidris tenuirostris</i>	10165	Endangered	Dispersed	Top ranking map	0.1239
Blue-billed Duck	<i>Oxyura australis</i>	10216	Endangered	Dispersed	Top ranking map	0.1054
Common Sandpiper	<i>Actitis hypoleucos</i>	10157	Vulnerable	Dispersed	Top ranking map	0.0872
Freckled Duck	<i>Stictonetta naevosa</i>	10214	Endangered	Dispersed	Top ranking map	0.0669
Whimbrel	<i>Numenius phaeopus</i>	10150	Vulnerable	Dispersed	Top ranking map	0.0586
Marsh Sandpiper	<i>Tringa stagnatilis</i>	10159	Vulnerable	Dispersed	Top ranking map	0.0580
Common Greenshank	<i>Tringa nebularia</i>	10158	Vulnerable	Dispersed	Top ranking map	0.0262
Musk Duck	<i>Biziura lobata</i>	10217	Vulnerable	Dispersed	Top ranking map	0.0245
Red Knot	<i>Calidris canutus</i>	10164	Endangered	Dispersed	Top ranking map	0.0199
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	10226	Vulnerable	Dispersed	Top ranking map	0.0191
Bluish Pigface	<i>Carpobrotus glaucescens</i>	503663	Rare	Dispersed	Habitat importance map	0.0180
Pacific Golden Plover	<i>Pluvialis fulva</i>	10137	Vulnerable	Dispersed	Top ranking map	0.0166
Grey-tailed Tattler	<i>Tringa brevipes</i>	10155	Critically endangered	Dispersed	Habitat importance map	0.0124
Eastern Water-ribbons	<i>Cycnogeton microtuberosum</i>	504537	Rare	Dispersed	Habitat importance map	0.0117
Great Knot	<i>Calidris tenuirostris</i>	10165	Endangered	Dispersed	Habitat importance map	0.0113
Tiny Arrowgrass	<i>Triglochin minutissima</i>	503446	Rare	Dispersed	Habitat importance map	0.0111
Whimbrel	<i>Numenius phaeopus</i>	10150	Vulnerable	Dispersed	Habitat importance map	0.0106
Ribbed Thyptomene	<i>Thyptomene micrantha</i>	503396	Rare	Dispersed	Habitat importance map	0.0102

Terek Sandpiper	<i>Xenus cinereus</i>	10160	Endangered	Dispersed	Habitat importance map	0.0099
Red Knot	<i>Calidris canutus</i>	10164	Endangered	Dispersed	Habitat importance map	0.0092
Marsh Saltbush	<i>Atriplex paludosa subsp. paludosa</i>	500326	Rare	Dispersed	Habitat importance map	0.0092
Australasian Shoveler	<i>Anas rhynchos</i>	10212	Vulnerable	Dispersed	Top ranking map	0.0089
Ruddy Turnstone	<i>Arenaria interpres</i>	10129	Vulnerable	Dispersed	Habitat importance map	0.0075
Creeping Rush	<i>Juncus revolutus</i>	501839	Rare	Dispersed	Habitat importance map	0.0073
Grey Mangrove	<i>Avicennia marina subsp. australasica</i>	500345	Rare	Dispersed	Habitat importance map	0.0066
Lesser Sand Plover	<i>Charadrius mongolus</i>	10139	Critically endangered	Dispersed	Habitat importance map	0.0059
Common Sandpiper	<i>Actitis hypoleucos</i>	10157	Vulnerable	Dispersed	Habitat importance map	0.0056
Grey-tailed Tattler	<i>Tringa brevipes</i>	10155	Critically endangered	Dispersed	Top ranking map	0.0052
Pacific Golden Plover	<i>Pluvialis fulva</i>	10137	Vulnerable	Dispersed	Habitat importance map	0.0052
Eastern Curlew	<i>Numenius madagascariensis</i>	10149	Vulnerable	Dispersed	Habitat importance map	0.0050
Lacey River Buttercup	<i>Ranunculus amplus</i>	505019	Rare	Dispersed	Habitat importance map	0.0050
Curlew Sandpiper	<i>Calidris ferruginea</i>	10161	Endangered	Dispersed	Habitat importance map	0.0042
Marsh Sandpiper	<i>Tringa stagnatilis</i>	10159	Vulnerable	Dispersed	Habitat importance map	0.0041
Common Greenshank	<i>Tringa nebularia</i>	10158	Vulnerable	Dispersed	Habitat importance map	0.0039
Robust Spider-orchid	<i>Caladenia valida</i>	501022	Endangered	Dispersed	Habitat importance map	0.0038
Coastal Greenhood	<i>Pterostylis alveata</i>	503956	Vulnerable	Dispersed	Habitat importance map	0.0038
Dune Wood-sorrel	<i>Oxalis rubens</i>	502390	Rare	Dispersed	Habitat importance map	0.0038
Ruddy Turnstone	<i>Arenaria interpres</i>	10129	Vulnerable	Dispersed	Top ranking map	0.0036
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	10226	Vulnerable	Dispersed	Habitat importance map	0.0036
Tiny Arrowgrass	<i>Triglochin minutissima</i>	503446	Rare	Dispersed	Top ranking map	0.0036
Greater Sand Plover	<i>Charadrius leschenaultii</i>	10141	Critically endangered	Dispersed	Habitat importance map	0.0035

Dune Fan-flower	<i>Scaevola calendulacea</i>	503019	Vulnerable	Dispersed	Habitat importance map	0.0032
Black-tailed Godwit	<i>Limosa limosa</i>	528553	Vulnerable	Dispersed	Habitat importance map	0.0031
Little Egret	<i>Egretta garzetta nigripes</i>	10185	Endangered	Dispersed	Habitat importance map	0.0025
Salt Lawrencia	<i>Lawrencia spicata</i>	501888	Rare	Dispersed	Habitat importance map	0.0022
Australian Painted Snipe	<i>Rostratula australis</i>	10170	Critically endangered	Dispersed	Habitat importance map	0.0022
Australasian Bittern	<i>Botaurus poiciloptilus</i>	10197	Endangered	Dispersed	Habitat importance map	0.0022
Freckled Duck	<i>Stictonetta naevosa</i>	10214	Endangered	Dispersed	Habitat importance map	0.0020
Glossy Grass Skink	<i>Pseudemoia rawlinsoni</i>	12683	Vulnerable	Dispersed	Habitat importance map	0.0019
Blue-billed Duck	<i>Oxyura australis</i>	10216	Endangered	Dispersed	Habitat importance map	0.0019
Veiled Fringe-sedge	<i>Fimbristylis velata</i>	501369	Rare	Dispersed	Habitat importance map	0.0019
Australian Little Bittern	<i>Ixobrychus dubius</i>	10195	Endangered	Dispersed	Habitat importance map	0.0017
Fairy Tern	<i>Sterna nereis nereis</i>	10118	Endangered	Dispersed	Habitat importance map	0.0017
Gippsland Lakes Peppermint	<i>Eucalyptus arenicola</i>	504479	Rare	Dispersed	Habitat importance map	0.0017
Metallic Sun-orchid	<i>Thelymitra epipactoides</i>	503367	Endangered	Dispersed	Habitat importance map	0.0016
Intermediate Egret	<i>Ardea intermedia</i>	10186	Endangered	Dispersed	Habitat importance map	0.0016
Eastern Great Egret	<i>Ardea modesta</i>	10187	Vulnerable	Dispersed	Habitat importance map	0.0016
Musk Duck	<i>Biziura lobata</i>	10217	Vulnerable	Dispersed	Habitat importance map	0.0015
Thick-lip Spider-orchid	<i>Caladenia tessellata</i>	500547	Vulnerable	Dispersed	Habitat importance map	0.0015
Maroon Leek-orchid	<i>Prasophyllum frenchii</i>	502709	Endangered	Dispersed	Habitat importance map	0.0012
Baillon's Crane	<i>Porzana pusilla palustris</i>	10050	Vulnerable	Dispersed	Habitat importance map	0.0012
Australasian Shoveler	<i>Anas rhynchos</i>	10212	Vulnerable	Dispersed	Habitat importance map	0.0011
Hardhead	<i>Aythya australis</i>	10215	Vulnerable	Dispersed	Habitat importance map	0.0011
Annual Fireweed	<i>Senecio glomeratus subsp. longifructus</i>	507144	Rare	Dispersed	Habitat importance map	0.0010

Lewin's Rail	<i>Lewinia pectoralis pectoralis</i>	10045	Vulnerable	Dispersed	Habitat importance map	0.0009
Hooded Plover	<i>Thinornis rubricollis rubricollis</i>	10138	Vulnerable	Dispersed	Habitat importance map	0.0009
Leafy Twig-sedge	<i>Cladium procerum</i>	500786	Rare	Dispersed	Habitat importance map	0.0009
Wavy Swamp Wallaby-grass	<i>Amphibromus sinuatus</i>	503625	Vulnerable	Dispersed	Habitat importance map	0.0008
Pale Swamp Everlasting	<i>Coronidium gunnianum</i>	504655	Vulnerable	Dispersed	Habitat importance map	0.0007
Purple Blown-grass	<i>Lachnagrostis punicea subsp. filifolia</i>	504222	Rare	Dispersed	Habitat importance map	0.0007
Beardless Bog-sedge	<i>Schoenus imberbis</i>	503046	Rare	Dispersed	Habitat importance map	0.0007
Austral Crane's-bill	<i>Geranium solanderi var. solanderi</i> s.s.	505337	Vulnerable	Dispersed	Habitat importance map	0.0006
Little Tern	<i>Sterna albifrons sinensis</i>	10117	Vulnerable	Dispersed	Habitat importance map	0.0006
Slender Pink-fingers	<i>Caladenia vulgaris</i>	504449	Rare	Dispersed	Habitat importance map	0.0005
Grey Billy-buttons	<i>Craspedia canens</i>	504643	Endangered	Dispersed	Habitat importance map	0.0005
Woolly Waterlily	<i>Philydrum lanuginosum</i>	502494	Vulnerable	Dispersed	Habitat importance map	0.0005
Purple Blown-grass	<i>Lachnagrostis punicea subsp. punicea</i>	504206	Rare	Dispersed	Habitat importance map	0.0002
Swamp Everlasting	<i>Xerochrysum palustre</i>	503763	Vulnerable	Dispersed	Habitat importance map	0.0002
Fisch's Greenhood	<i>Pterostylis fischii</i>	502795	Rare	Dispersed	Habitat importance map	0.0002
Black Falcon	<i>Falco subniger</i>	10238	Vulnerable	Dispersed	Habitat importance map	0.0001
Silky Kidney-weed	<i>Dichondra sp. 1</i>	505786	Rare	Dispersed	Habitat importance map	0.0001
Lanky Buttons	<i>Leptorhynchus elongatus</i>	501941	Endangered	Dispersed	Habitat importance map	0.0001
Elegant Parrot	<i>Neophema elegans</i>	10307	Vulnerable	Dispersed	Habitat importance map	0.0001
Purple Diuris	<i>Diuris punctata</i>	501084	Vulnerable	Dispersed	Habitat importance map	0.0001
Grey Goshawk	<i>Accipiter novaehollandiae novaehollandiae</i>	10220	Vulnerable	Dispersed	Habitat importance map	0.0001
Chestnut-rumped Heathwren	<i>Calamanthus pyrrhopygius</i>	10498	Vulnerable	Dispersed	Habitat importance map	0.0001

Growling Grass Frog	<i>Litoria raniformis</i>	13207	Endangered	Dispersed	Habitat importance map	0.0000
Rough-grain Love-grass	<i>Eragrostis trachycarpa</i>	501197	Rare	Dispersed	Habitat importance map	0.0000
Common Bent-wing Bat (eastern ssp.)	<i>Miniopterus schreibersii oceanensis</i>	61342	Vulnerable	Dispersed	Habitat importance map	0.0000
White-throated Needletail	<i>Hirundapus caudacutus</i>	10334	Vulnerable	Dispersed	Habitat importance map	0.0000
Forest Bitter-cress	<i>Cardamine papillata</i>	505034	Vulnerable	Dispersed	Habitat importance map	0.0000
Spurred Helmet-orchid	<i>Corybas aconitiflorus</i>	500835	Rare	Dispersed	Habitat importance map	0.0000

Habitat group

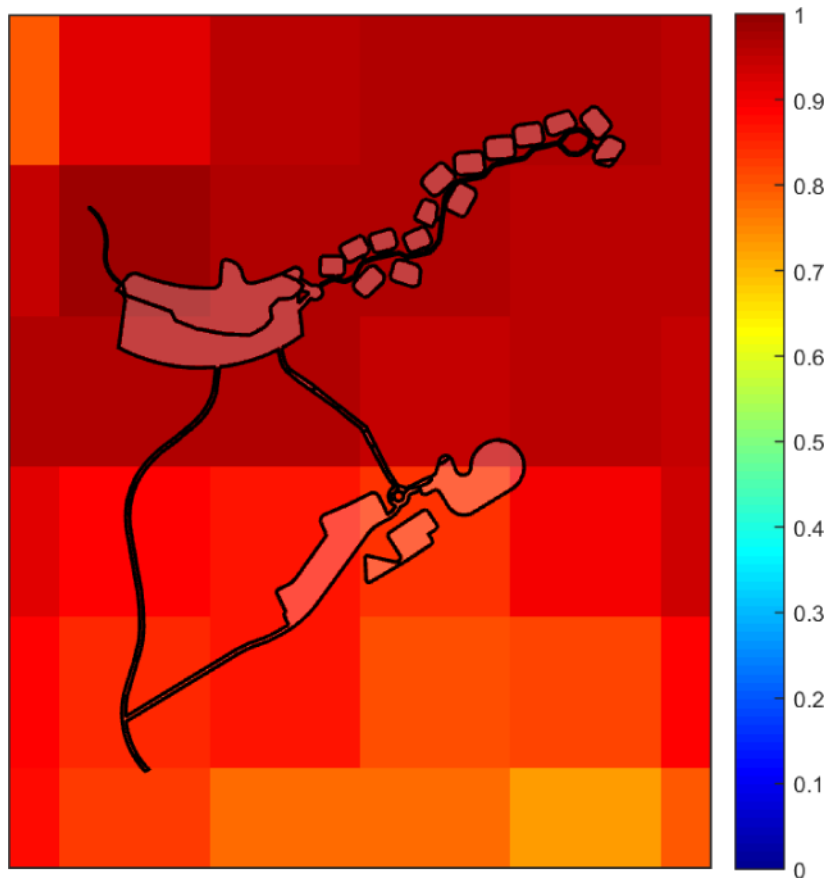
- Highly localised habitat means there is 2000 hectares or less mapped habitat for the species
- Dispersed habitat means there is more than 2000 hectares of mapped habitat for the species

Habitat impacted

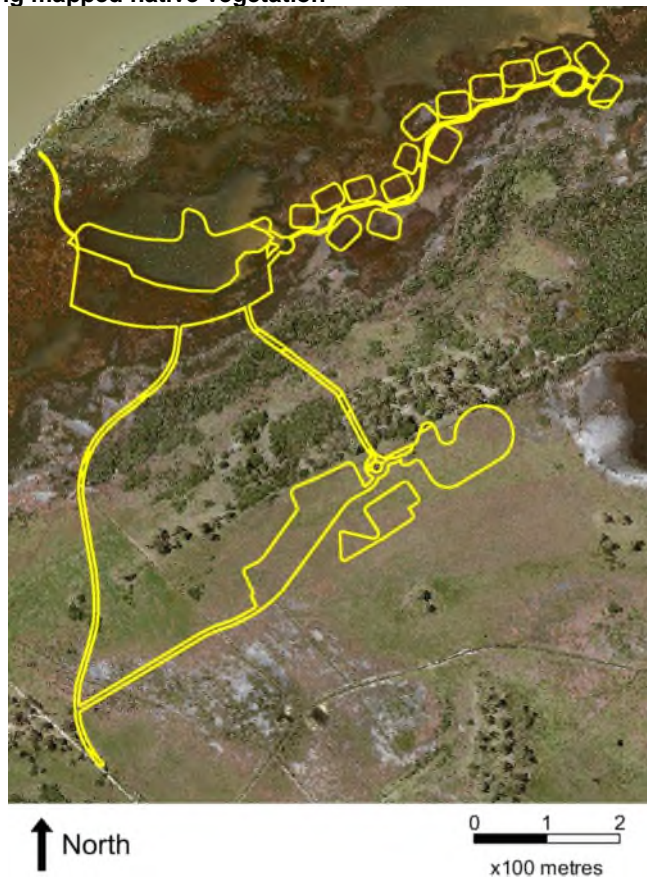
- Habitat importance maps are the maps defined in the Guidelines that include all the mapped habitat for a rare or threatened species
- Top ranking maps are the maps defined in the Guidelines that depict the important areas of a dispersed species habitat, developed from the highest habitat importance scores in dispersed species habitat maps and selected VBA records
- Selected VBA record is an area in Victoria that represents a large population, roosting or breeding site etc.

Appendix 3 – Images of mapped native vegetation

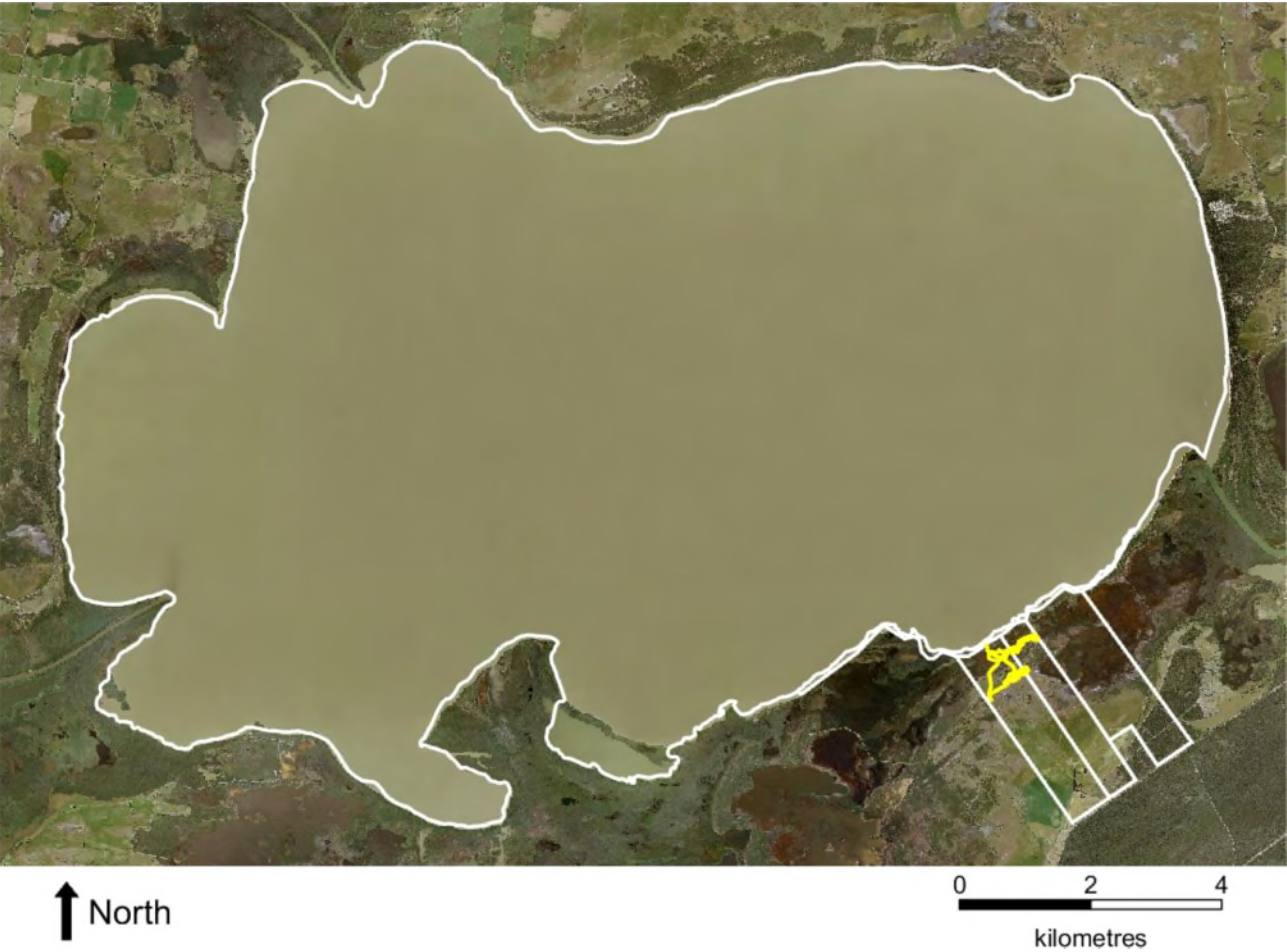
2. Strategic biodiversity values map



3. Aerial photograph showing mapped native vegetation



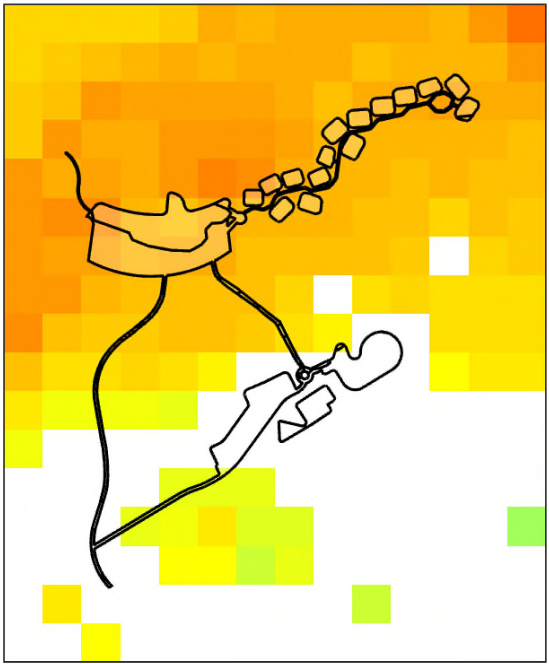
4. Map of the property in context



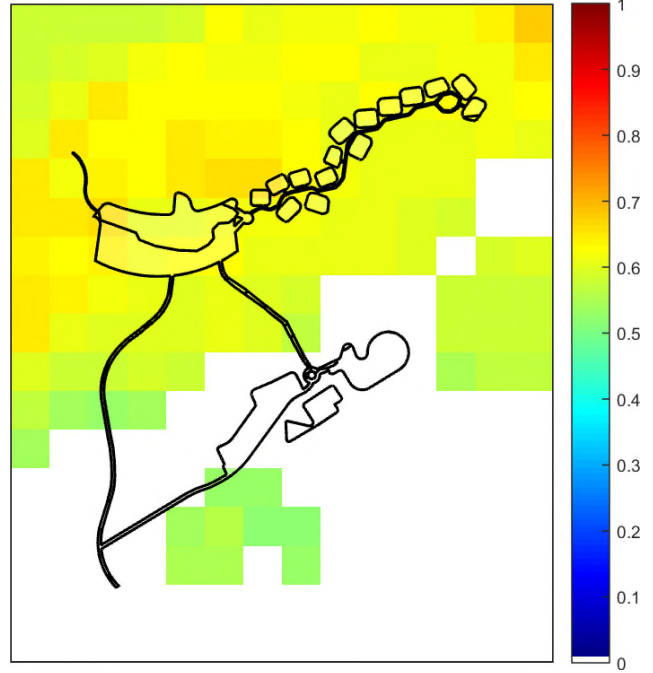
Yellow boundaries denote areas of proposed native vegetation removal.

4. Habitat importance maps

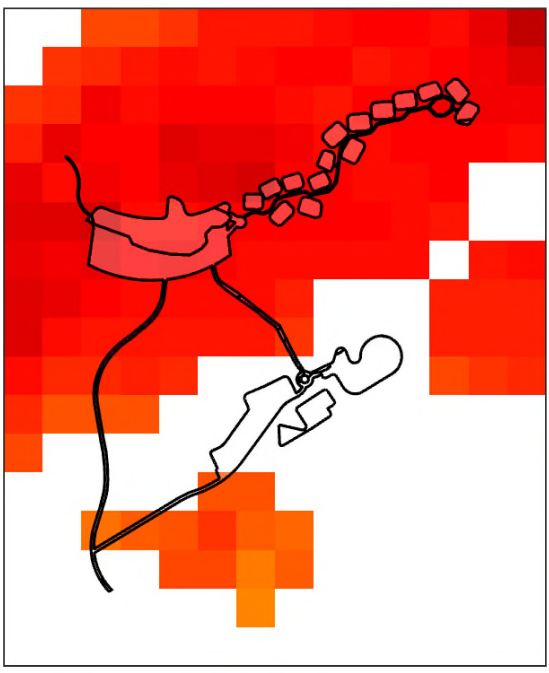
Pacific Golden Plover
Pluvialis fulva
10137



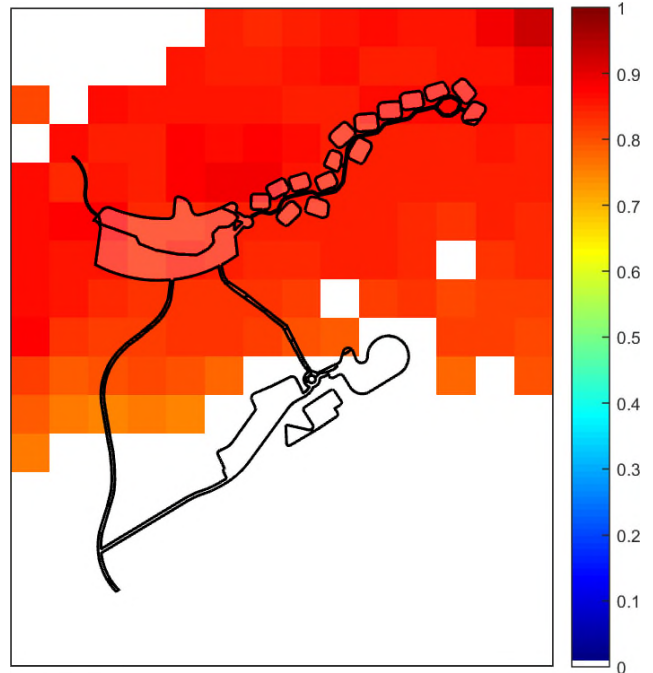
Eastern Curlew
Numenius madagascariensis
10149



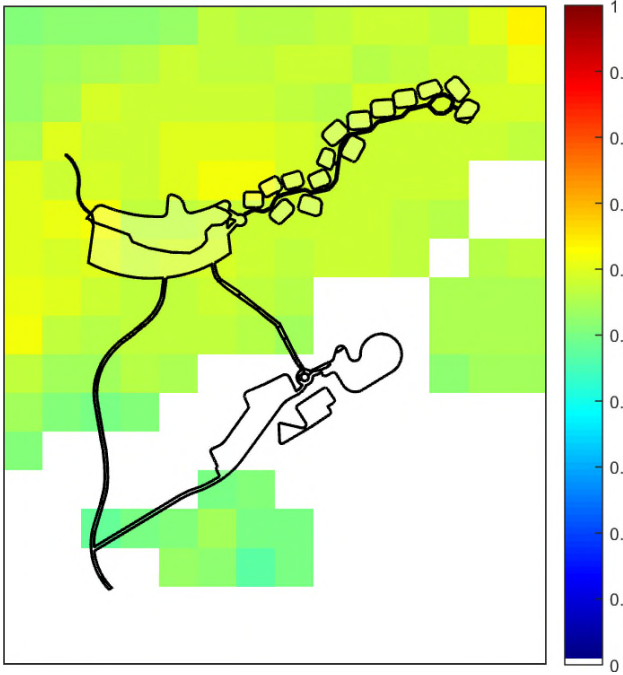
Whimbrel
Numenius phaeopus
10150



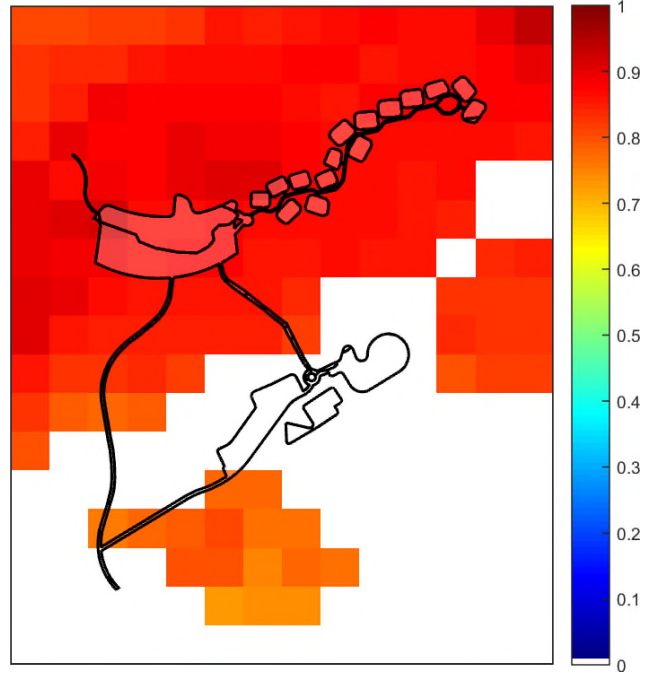
Grey-tailed Tattler
Tringa brevipes
10155



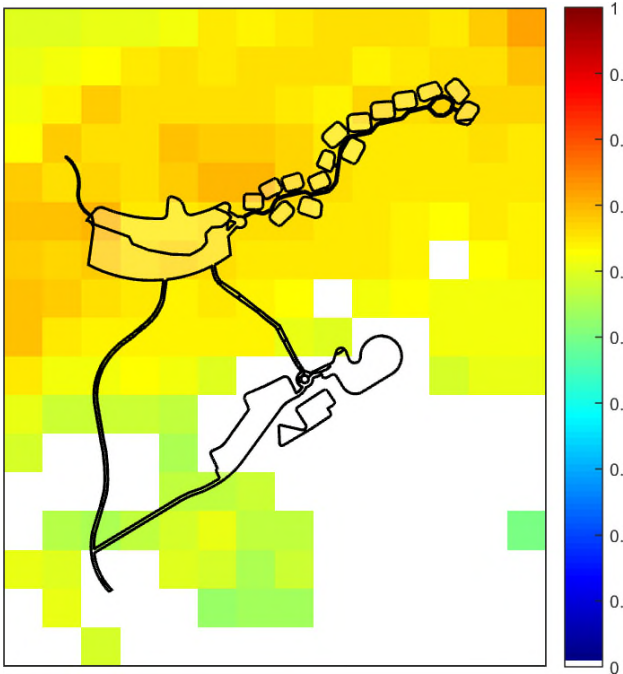
Common Sandpiper
Actitis hypoleucos
10157



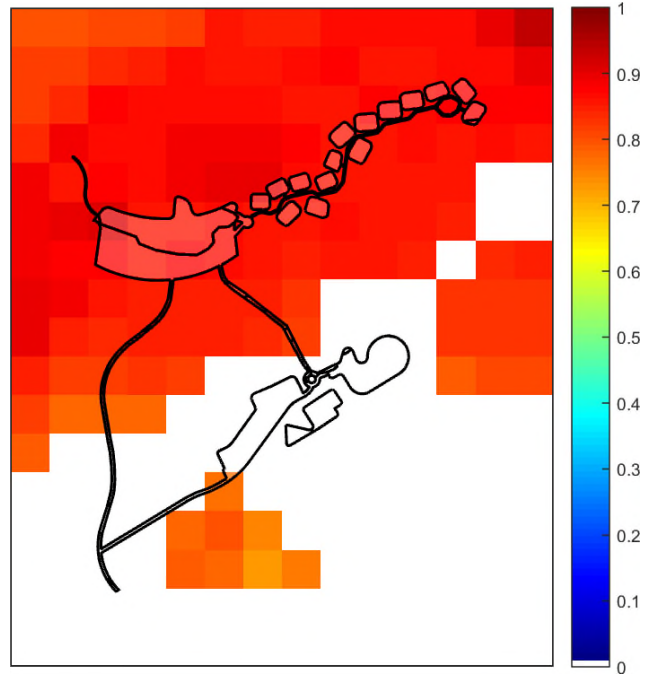
Common Greenshank
Tringa nebularia
10158



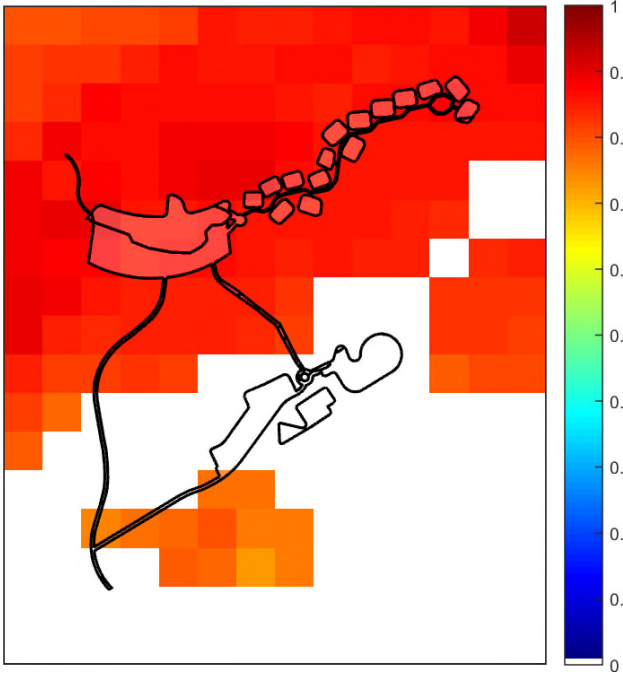
Marsh Sandpiper
Tringa stagnatilis
10159



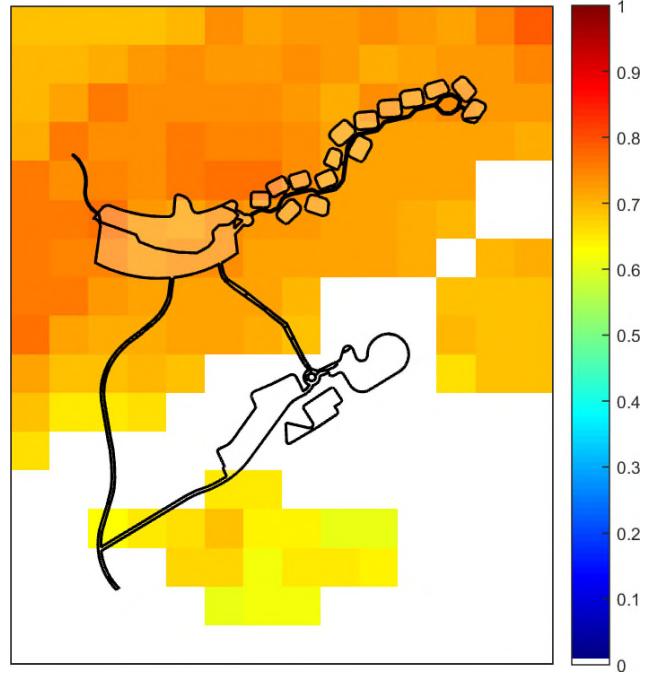
Red Knot
Calidris canutus
10164



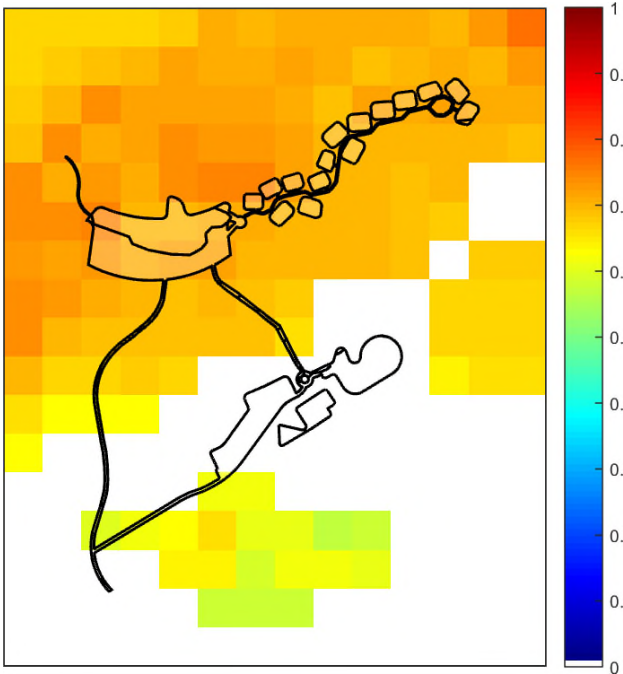
Great Knot
Calidris tenuirostris
10165



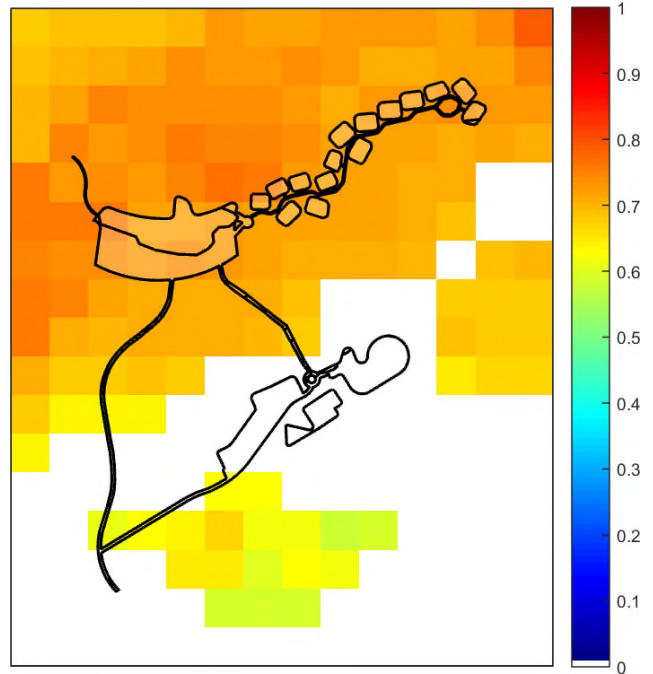
Australasian Shoveler
Anas rhynchos
10212



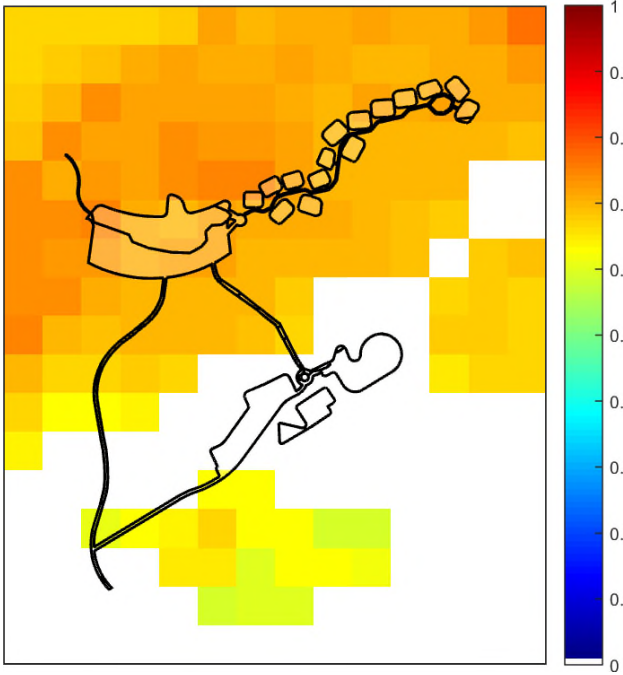
Freckled Duck
Stictonetta naevosa
10214



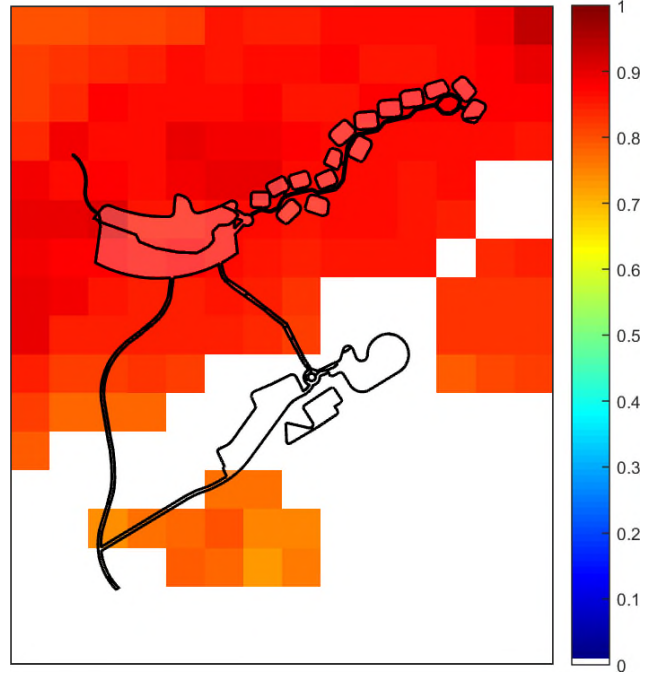
Blue-billed Duck
Oxyura australis
10216



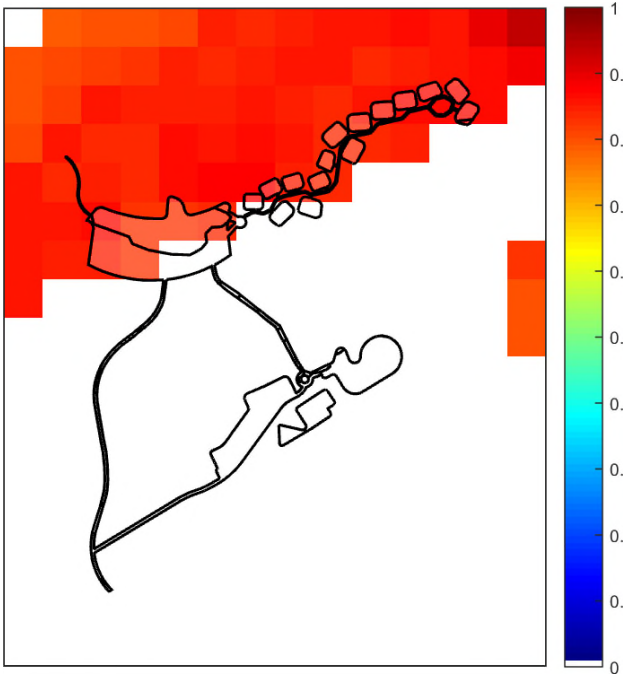
Musk Duck
Biziura lobata
10217



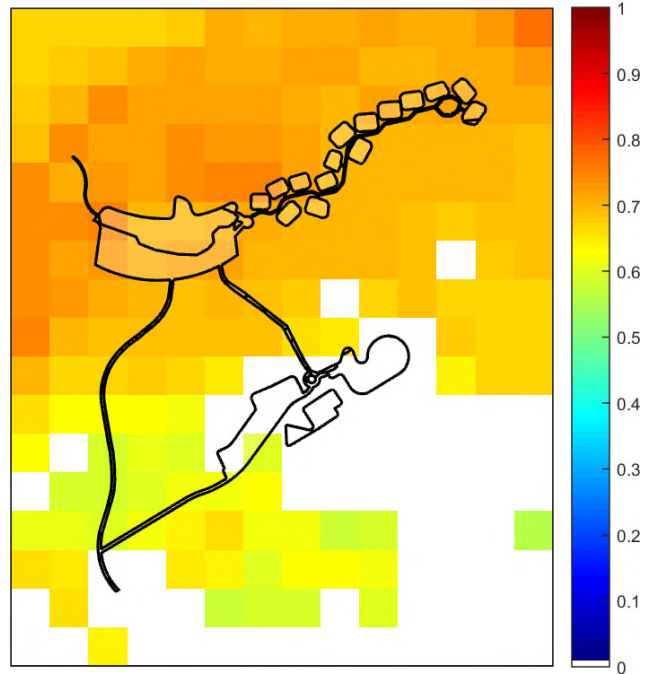
White-bellied Sea-Eagle
Haliaeetus leucogaster
10226



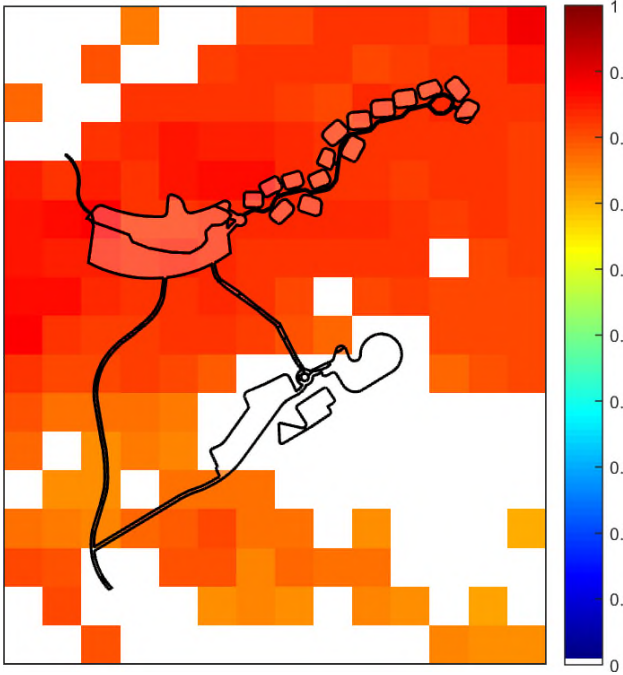
Ruddy Turnstone
Arenaria interpres
10129



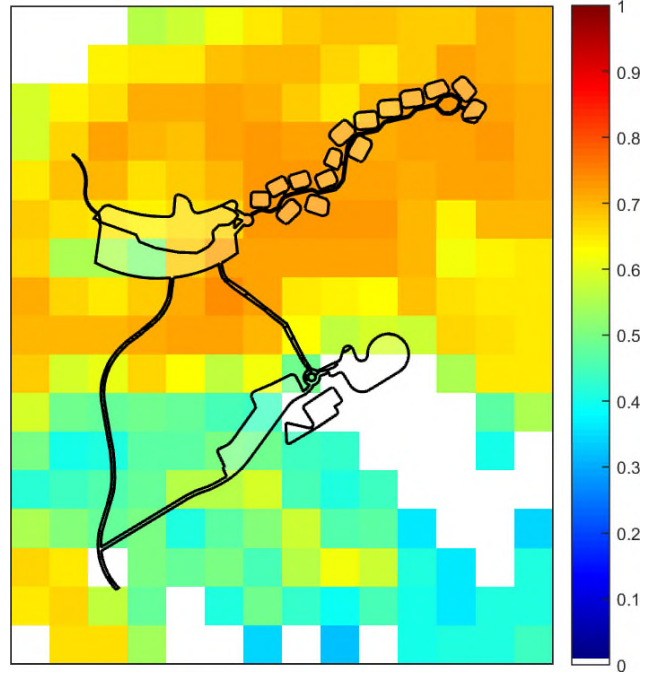
Lesser Sand Plover
Charadrius mongolus
10139



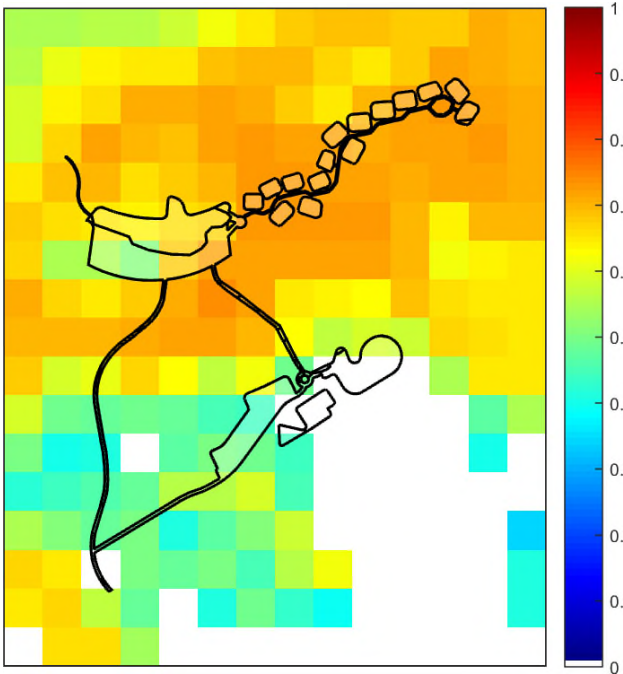
Terek Sandpiper
Xenus cinereus
50160



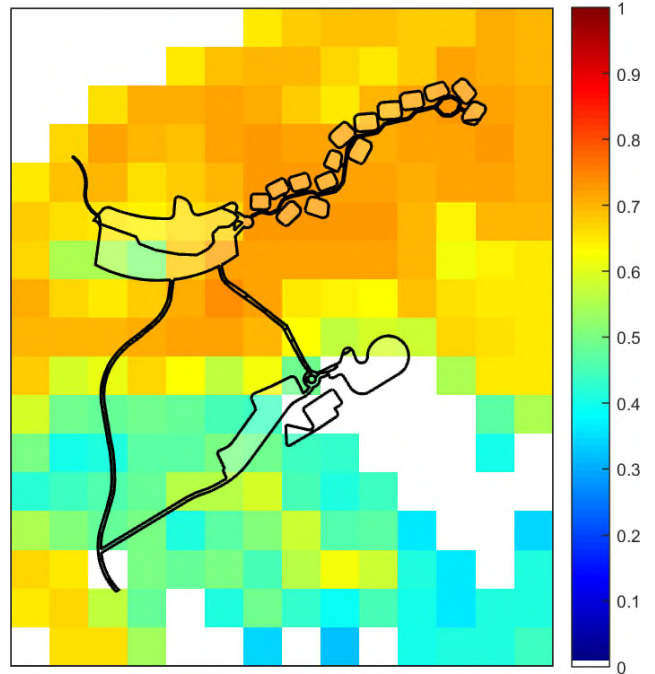
Marsh Saltbush
Atriplex paludosa subsp. paludosa
500326



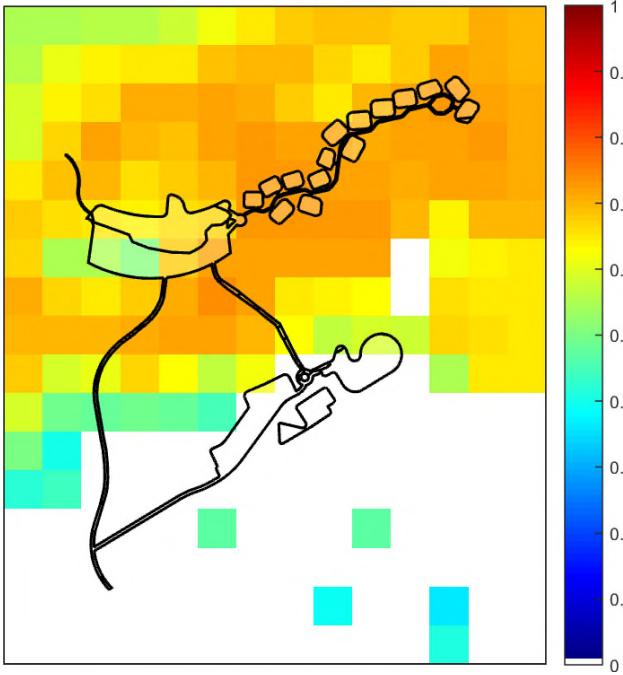
Grey Mangrove
Avicennia marina subsp. australasica
500345



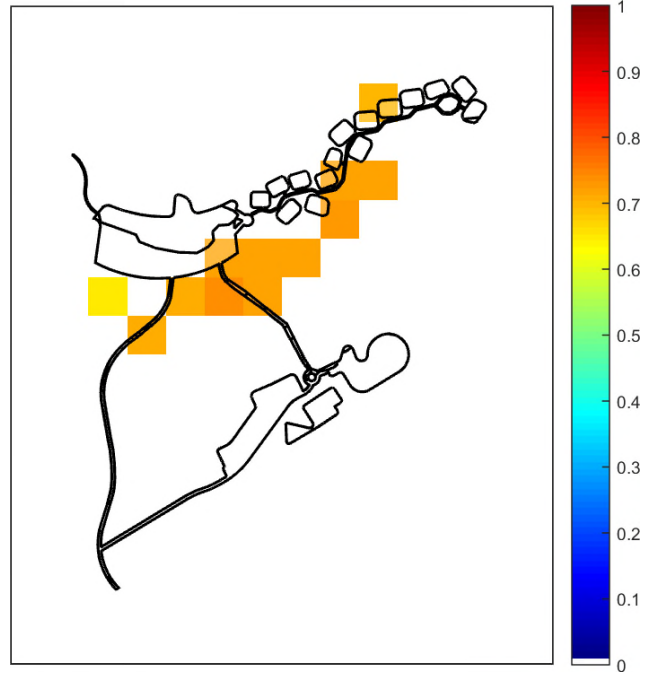
Creeping Rush
Juncus revolutus
501839



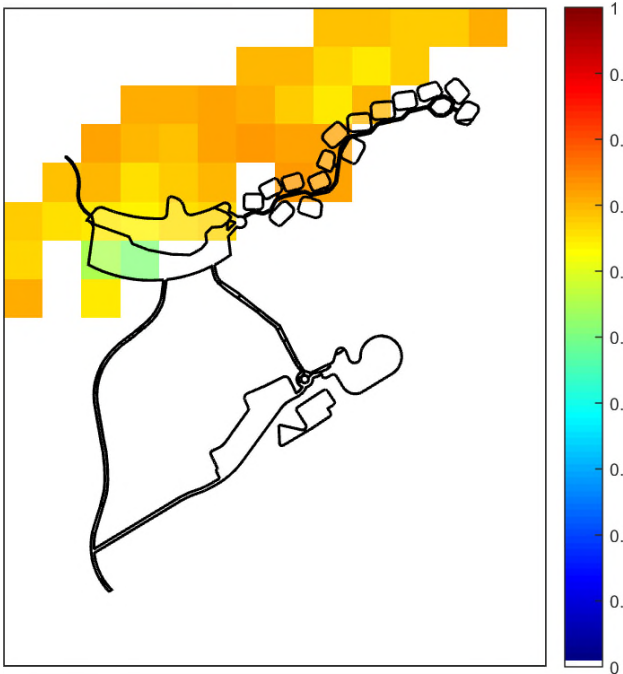
Ribbed Thryptomene
Thryptomene micrantha
503396



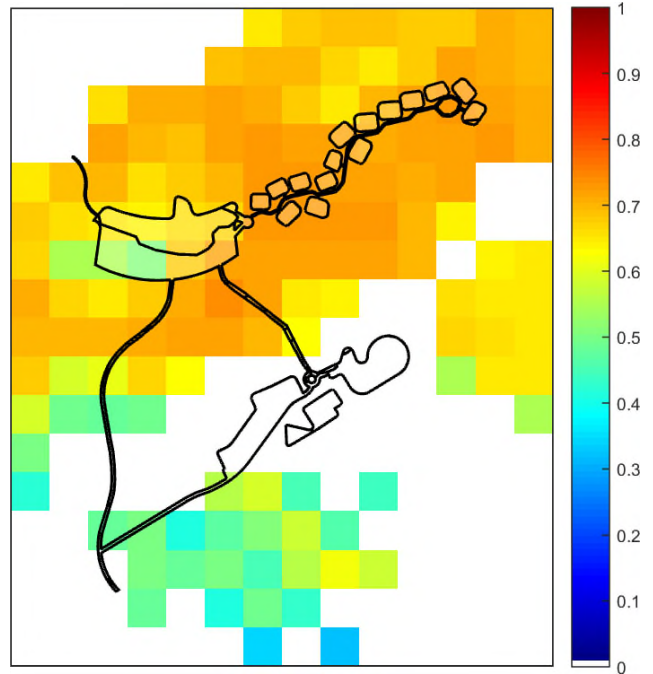
Tiny Arrowgrass
Triglochin minutissima
503446



Bluish Pigface
Carpobrotus glaucescens
503663



Eastern Water-ribbons
Cycnogeton microtuberosum
504537



Appendix 3.2 – Preliminary Offset Analysis – offset gain reports

Scenario test – native vegetation offset

This report provides information about a potential native vegetation offset site for internal testing of different proposals to protect native vegetation. **This report IS NOT a Native vegetation offset report.** A report must be obtained from the Department of Environment, Land, Water and Planning (DELWP).

Date of issue: 06/02/2018

Report ID: Scenario Testing

Time of issue: 9:06 pm

Project ID	EHP9998_Seacombe_OS_VG94
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Extent of proposed offset site

Total extent	64.521 ha
Patches	64.521 ha
Revegetation	0.000 ha
Scattered tree(s)	0.000 ha

Habitat units of gain for the proposed offset site

The offset site has the following total general and species habitat units. These units can be used to satisfy a **single permit condition** or if the offset site is established as a **first party offset site**.

Total habitat units and attributes used for a single permit (once off use)

Number of large tree(s)	Nil large trees are protected at the offset site
General habitat units	12.466 general habitat units West Gippsland CMA, Wellington Shire Council 0.932 Strategic biodiversity value
Species habitat units	6.753 species habitat units for Ruddy Turnstone, <i>Arenaria interpres</i> 3.144 species habitat units for Grey Plover, <i>Pluvialis squatarola</i> 10.786 species habitat units for Pacific Golden Plover, <i>Pluvialis fulva</i> 10.131 species habitat units for Eastern Curlew, <i>Numenius madagascariensis</i> 11.791 species habitat units for Whimbrel, <i>Numenius phaeopus</i> 11.613 species habitat units for Grey-tailed Tattler, <i>Tringa brevipes</i> 9.904 species habitat units for Common Sandpiper, <i>Actitis hypoleucos</i> 11.733 species habitat units for Common Greenshank, <i>Tringa nebularia</i> 10.499 species habitat units for Marsh Sandpiper, <i>Tringa stagnatilis</i> 11.697 species habitat units for Red Knot, <i>Calidris canutus</i> 11.630 species habitat units for Great Knot, <i>Calidris tenuirostris</i> 10.848 species habitat units for Australasian Shoveler, <i>Anas rhynchos</i> 10.694 species habitat units for Freckled Duck, <i>Stictonetta naevosa</i>

Scenario test – native vegetation offset

10.786 species habitat units for Blue-billed Duck, <i>Oxyura australis</i>
10.723 species habitat units for Musk Duck, <i>Biziura lobata</i>
11.693 species habitat units for White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
6.263 species habitat units for Tiny Arrowgrass, <i>Triglochin minutissima</i>
11.410 species habitat units for Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
10.774 species habitat units for Baillon's Crake, <i>Porzana pusilla palustris</i>
12.492 species habitat units for Little Tern, <i>Sterna albifrons sinensis</i>
11.721 species habitat units for Fairy Tern, <i>Sterna nereis nereis</i>
4.335 species habitat units for Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
10.815 species habitat units for Lesser Sand Plover, <i>Charadrius mongolus</i>
6.760 species habitat units for Greater Sand Plover, <i>Charadrius leschenaultii</i>
11.683 species habitat units for Terek Sandpiper, <i>Xenus cinereus</i>
11.610 species habitat units for Curlew Sandpiper, <i>Calidris ferruginea</i>
10.210 species habitat units for Australian Painted Snipe, <i>Rostratula australis</i>
11.632 species habitat units for Little Egret, <i>Egretta garzetta nigripes</i>
10.815 species habitat units for Intermediate Egret, <i>Ardea intermedia</i>
11.145 species habitat units for Eastern Great Egret, <i>Ardea modesta</i>
10.883 species habitat units for Australian Little Bittern, <i>Ixobrychus dubius</i>
11.111 species habitat units for Australasian Bittern, <i>Botaurus poiciloptilus</i>
10.850 species habitat units for Hardhead, <i>Aythya australis</i>
9.560 species habitat units for Elegant Parrot, <i>Neophema elegans</i>
11.500 species habitat units for Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
10.832 species habitat units for Black-tailed Godwit, <i>Limosa limosa</i>
10.512 species habitat units for Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
10.516 species habitat units for Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
10.503 species habitat units for Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
10.512 species habitat units for Leafy Twig-sedge, <i>Cladium procerum</i>
10.329 species habitat units for Robust Spider-orchid, <i>Caladenia valida</i>
10.512 species habitat units for Veiled Fringe-sedge, <i>Fimbristylis velata</i>
10.512 species habitat units for Creeping Rush, <i>Juncus revolutus</i>
10.512 species habitat units for Salt Lawrenca, <i>Lawrenca spicata</i>
10.425 species habitat units for Dune Wood-sorrel, <i>Oxalis rubens</i>
2.935 species habitat units for Woolly Waterlily, <i>Philydrum lanuginosum</i>
10.500 species habitat units for Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
4.016 species habitat units for Dune Fan-flower, <i>Scaevola calendulacea</i>
3.342 species habitat units for Beardless Bog-sedge, <i>Schoenus imberbis</i>
10.514 species habitat units for Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
10.429 species habitat units for Ribbed Thryptomene, <i>Thryptomene micrantha</i>
10.325 species habitat units for Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
4.211 species habitat units for Bluish Pigface, <i>Carpobrotus glaucescens</i>
8.374 species habitat units for Coastal Greenhood, <i>Pterostylis alveata</i>
10.261 species habitat units for Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
10.514 species habitat units for Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
3.340 species habitat units for Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
10.426 species habitat units for Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
3.422 species habitat units for Grey Billy-buttons, <i>Craspedia canens</i>
10.356 species habitat units for Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

Scenario test – native vegetation offset

10.361 species habitat units for Lacey River Buttercup, *Ranunculus amplus*

10.334 species habitat units for Austral Crane's-bill, *Geranium solanderi* var. *solanderi* s.s.

9.840 species habitat units for Annual Fireweed, *Senecio glomeratus* subsp. *longifructus*

SCENARIO
TESTING

Habitat units of gain per zone of the proposed offset site

This table provides the habitat units of gain per zone of the offset site. Trading and allocation of units within the **Native Vegetation Credit Register** takes place at the zone.

The species-general offset test is done to determine which species the proposed offset site provides habitat for. The threshold is set at 0.0025 per cent of the mapped habitat value for a species. When the threshold is met or exceeded, species habitat units are generated. If required species habitat units can be generated for all other species mapped at the site. Multiple species units will be generated if the threshold is exceeded for multiple species.

The species habitat units for each species in a zone is calculated by the following equation in accordance with the Guidelines:

$$\text{Species habitat units} = \text{extent} \times \text{gain score} \times \text{species landscape factor, where the species landscape factor} = 0.5 + (\text{habitat importance score}/2)$$

The general habitat units in a zone is calculated by the following equation in accordance with the Guidelines:

$$\text{General habitat units} = \text{extent} \times \text{gain score} \times \text{general landscape factor, where the general landscape factor} = 0.5 + (\text{strategic biodiversity value score}/2)$$

Species and general habitat units are alternates and the use or sale of one type of unit will affect the number of other types of units remaining.

Information provided by or on behalf of the applicant				Information calculated by EnSym					
Zone	Type	Gain score	Large tree	Polygon extent	Extent without overlap	SBV	HIS	Habitat units	Attributes
0-DA	Patch	0.200	0	0.638	0.638	0.956		0.125 general habitat units	West Gippsland ; Wellington Shire
							0.830	0.117 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.683	0.107 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.600	0.102 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.875	0.120 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.840	0.117 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.570	0.100 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.855	0.118 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.640	0.105 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>

	0.855	0.118 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.850	0.118 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.710	0.109 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.685	0.107 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.700	0.108 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.690	0.108 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.855	0.118 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.780	0.114 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.695	0.108 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.128 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.128 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.690	0.108 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.680	0.107 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.820	0.116 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.845	0.118 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.615	0.103 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.835	0.117 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.700	0.108 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.760	0.112 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.715	0.109 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>

	0.760	0.112 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.710	0.109 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.670	0.107 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.783	0.114 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.705	0.109 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.681	0.107 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.681	0.107 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.684	0.107 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.681	0.107 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.681	0.107 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.681	0.107 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.681	0.107 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.681	0.107 species habitat units	501888 Salt Lawrenca, <i>Lawrenca spicata</i>
	0.681	0.107 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.681	0.107 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.681	0.107 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.681	0.107 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.672	0.107 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.700	0.108 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>

							0.700	0.108 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.681	0.107 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.672	0.107 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.681	0.107 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnium</i>
							0.672	0.107 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.681	0.107 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-EB	Patch	0.200	0	0.145	0.145	0.990		0.029 general habitat units	West Gippsland ; Wellington Shire
							0.840	0.027 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.630	0.024 species habitat units	10136 Grey Plover, <i>Pluvialis squatarola</i>
							0.710	0.025 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.630	0.024 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.880	0.027 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.850	0.027 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.580	0.023 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.880	0.027 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.660	0.024 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.870	0.027 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.870	0.027 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.740	0.025 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.710	0.025 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.730	0.025 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.720	0.025 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.870	0.027 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.800	0.026 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.730	0.025 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.820	0.026 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.720	0.025 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.025 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.830	0.027 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.027 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.024 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.860	0.027 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.730	0.025 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.780	0.026 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.740	0.025 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.026 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.740	0.025 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.700	0.025 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.770	0.026 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>

	0.740	0.025 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.025 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.025 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.025 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.025 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.025 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.720	0.025 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.720	0.025 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.720	0.025 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.720	0.025 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.720	0.025 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.720	0.025 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
	0.720	0.025 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
	0.720	0.025 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.720	0.025 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.720	0.025 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
	0.720	0.025 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.720	0.025 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

						0.720	0.025 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
						0.720	0.025 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
						0.720	0.025 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
0-EB	Patch	0.200	0	0.154	0.154	0.970	0.030 general habitat units	West Gippsland ; Wellington Shire
						0.860	0.029 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
						0.710	0.026 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.630	0.025 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.880	0.029 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.860	0.029 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.580	0.024 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.880	0.029 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.660	0.026 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.870	0.029 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.870	0.029 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.740	0.027 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
						0.720	0.026 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
						0.740	0.027 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
						0.720	0.026 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
						0.870	0.029 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
						0.800	0.028 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.730	0.027 species habitat units	10050 Baillon's Crane, <i>Porzana pusilla palustris</i>
	0.820	0.028 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.720	0.026 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.026 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.830	0.028 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.029 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.025 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.860	0.029 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.740	0.027 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.780	0.027 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.750	0.027 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.770	0.027 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.740	0.027 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.700	0.026 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.760	0.027 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.740	0.027 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.700	0.026 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.700	0.026 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.700	0.026 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>

							0.700	0.026 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.700	0.026 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.700	0.026 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.700	0.026 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.700	0.026 species habitat units	501888 Salt Lawrenca, <i>Lawrenca spicata</i>
							0.700	0.026 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.700	0.026 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.700	0.026 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
							0.700	0.026 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.700	0.026 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.700	0.026 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
							0.700	0.026 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.700	0.026 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
0-DB	Patch	0.200	0	0.076	0.076	0.950		0.015 general habitat units	West Gippsland ; Wellington Shire
							0.841	0.014 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.697	0.013 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.607	0.012 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.857	0.014 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.841	0.014 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>

	0.557	0.012 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.851	0.014 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.641	0.012 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.851	0.014 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.847	0.014 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.717	0.013 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.697	0.013 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.717	0.013 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.697	0.013 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.851	0.014 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.767	0.013 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.707	0.013 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.811	0.014 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.697	0.013 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.697	0.013 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.807	0.014 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.841	0.014 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.617	0.012 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.837	0.014 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.714	0.013 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>

	0.757	0.013 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.727	0.013 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.741	0.013 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.717	0.013 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.677	0.013 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.721	0.013 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.717	0.013 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.658	0.013 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.658	0.013 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.658	0.013 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.658	0.013 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.658	0.013 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.658	0.013 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.658	0.013 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.658	0.013 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.640	0.012 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
	0.690	0.013 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.658	0.013 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.690	0.013 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

					0.640	0.012 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
					0.658	0.013 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
0-EA	Patch	0.200	0	0.233	0.233	0.956	0.046 general habitat units West Gippsland ; Wellington Shire
					0.840	0.043 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
					0.702	0.040 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
					0.613	0.038 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
					0.880	0.044 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
					0.839	0.043 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
					0.577	0.037 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
					0.873	0.044 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
					0.655	0.039 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
					0.864	0.043 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
					0.864	0.043 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
					0.725	0.040 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
					0.702	0.040 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
					0.722	0.040 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
					0.707	0.040 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
					0.862	0.043 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
					0.796	0.042 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
					0.715	0.040 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>

	1.000	0.047 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.047 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.807	0.042 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.705	0.040 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.709	0.040 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.835	0.043 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.852	0.043 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.628	0.038 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.851	0.043 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.722	0.040 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.772	0.041 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.732	0.040 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.766	0.041 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.728	0.040 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.687	0.039 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.807	0.042 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.725	0.040 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.688	0.039 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.688	0.039 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>

						0.690	0.039 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
						0.688	0.039 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
						0.688	0.039 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
						0.688	0.039 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
						0.688	0.039 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
						0.688	0.039 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
						0.688	0.039 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.688	0.039 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.688	0.039 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.687	0.039 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.650	0.038 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
						0.680	0.039 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.688	0.039 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.688	0.039 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
						0.690	0.039 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.688	0.039 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.671	0.039 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.619	0.038 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EA	Patch	0.200	0	0.641	0.641	0.956	0.125 general habitat units	West Gippsland ; Wellington Shire

	0.830	0.117 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
	0.668	0.107 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
	0.588	0.102 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
	0.858	0.119 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.825	0.117 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.558	0.100 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.838	0.118 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.628	0.104 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.838	0.118 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.838	0.118 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.698	0.109 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.675	0.107 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.688	0.108 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.680	0.108 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.838	0.118 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.773	0.114 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.683	0.108 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.128 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.128 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.678	0.108 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>

	0.668	0.107 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.813	0.116 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.828	0.117 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.598	0.102 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.825	0.117 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.693	0.109 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.748	0.112 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.703	0.109 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.748	0.112 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.698	0.109 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.663	0.107 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.790	0.115 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.693	0.109 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.649	0.106 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.649	0.106 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.651	0.106 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.649	0.106 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.646	0.106 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.649	0.106 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>

								0.649	0.106 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
								0.649	0.106 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
								0.649	0.106 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
								0.649	0.106 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
								0.649	0.106 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
								0.649	0.106 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
								0.649	0.106 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
								0.651	0.106 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
								0.651	0.106 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
								0.649	0.106 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
								0.649	0.106 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
								0.649	0.106 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
								0.649	0.106 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
								0.649	0.106 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
								0.651	0.106 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.674	0.674	0.955			0.132 general habitat units	West Gippsland ; Wellington Shire
								0.816	0.122 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
								0.665	0.112 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
								0.585	0.107 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>

	0.855	0.125 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.824	0.123 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.555	0.105 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.835	0.124 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.625	0.109 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.835	0.124 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.835	0.124 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.695	0.114 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.673	0.113 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.685	0.114 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.680	0.113 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.835	0.124 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.772	0.119 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.682	0.113 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.135 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.135 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.675	0.113 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.665	0.112 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.812	0.122 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.825	0.123 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.595	0.107 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>

	0.823	0.123 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.692	0.114 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.745	0.118 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.702	0.115 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.745	0.118 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.695	0.114 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.662	0.112 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.793	0.121 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.692	0.114 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.649	0.111 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.649	0.111 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.650	0.111 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.649	0.111 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.648	0.111 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.649	0.111 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.649	0.111 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.649	0.111 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.649	0.111 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.649	0.111 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>

							0.649	0.111 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.649	0.111 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.649	0.111 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.650	0.111 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.651	0.111 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.649	0.111 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.649	0.111 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.649	0.111 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.649	0.111 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.649	0.111 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.650	0.111 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EA	Patch	0.200	0	0.018	0.018	0.960		0.003 general habitat units	West Gippsland ; Wellington Shire
							0.580	0.003 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.580	0.003 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.580	0.003 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.580	0.003 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.580	0.003 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.580	0.003 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.580	0.003 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>

							0.580	0.003 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.580	0.003 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.580	0.003 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.580	0.003 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.580	0.003 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.580	0.003 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.580	0.003 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.580	0.003 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.580	0.003 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.580	0.003 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	2.014	2.014	0.943		0.391 general habitat units	West Gippsland ; Wellington Shire
							0.654	0.333 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.570	0.316 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.831	0.369 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.806	0.364 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.540	0.310 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.820	0.367 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.612	0.325 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.820	0.367 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.820	0.367 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>

	0.690	0.340 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.660	0.334 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.680	0.338 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.670	0.336 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.820	0.367 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.758	0.354 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.680	0.338 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.403 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.403 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.664	0.335 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.660	0.334 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.798	0.362 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.810	0.365 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.590	0.320 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.810	0.365 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.680	0.338 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.730	0.348 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.690	0.340 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.730	0.348 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.690	0.340 species habitat units	10215 Hardhead, <i>Aythya australis</i>

	0.648	0.332 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.788	0.360 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.680	0.338 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.608	0.324 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.608	0.324 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.608	0.324 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.608	0.324 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.609	0.324 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.608	0.324 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.608	0.324 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.608	0.324 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.608	0.324 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.490	0.300 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.608	0.324 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.608	0.324 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.601	0.323 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.608	0.324 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.608	0.324 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>

							0.608	0.324 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.634	0.329 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.490	0.300 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.608	0.324 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnium</i>
							0.634	0.329 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.608	0.324 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.608	0.324 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DB	Patch	0.200	0	0.285	0.285	0.877		0.054 general habitat units	West Gippsland ; Wellington Shire
							0.613	0.046 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.540	0.044 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.800	0.051 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.753	0.050 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.510	0.043 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.790	0.051 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.572	0.045 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.780	0.051 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.660	0.047 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.630	0.047 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.640	0.047 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.640	0.047 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>

	0.780	0.051 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.721	0.049 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.650	0.047 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.057 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.057 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.621	0.046 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.762	0.050 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.770	0.051 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.560	0.045 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.780	0.051 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.650	0.047 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.700	0.049 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.660	0.047 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.700	0.049 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.660	0.047 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.610	0.046 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.744	0.050 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.650	0.047 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.481	0.042 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

	0.483	0.042 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.481	0.042 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.481	0.042 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.481	0.042 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.481	0.042 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.481	0.042 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.481	0.042 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.483	0.042 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.470	0.042 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.481	0.042 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.481	0.042 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.483	0.042 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.481	0.042 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.481	0.042 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.481	0.042 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.490	0.043 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.481	0.042 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
	0.481	0.042 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

						0.490	0.043 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.481	0.042 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.481	0.042 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	1.641	1.641	0.942	0.319 general habitat units	West Gippsland ; Wellington Shire
						0.680	0.276 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.597	0.262 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.857	0.305 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.820	0.299 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.566	0.257 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.847	0.303 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.637	0.269 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.842	0.302 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.842	0.302 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.710	0.281 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
						0.687	0.277 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
						0.702	0.279 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
						0.692	0.278 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
						0.843	0.303 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
						0.723	0.283 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
						0.780	0.292 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.700	0.279 species habitat units	10050 Baillon's Crane, <i>Porzana pusilla palustris</i>
	1.000	0.328 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.328 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.687	0.277 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.825	0.300 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.827	0.300 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.613	0.265 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.833	0.301 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.707	0.280 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.757	0.288 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.717	0.282 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.755	0.288 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.712	0.281 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.675	0.275 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.810	0.297 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.707	0.280 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.696	0.278 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.696	0.278 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.696	0.278 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>

						0.696	0.278 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
						0.696	0.278 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
						0.696	0.278 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
						0.696	0.278 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
						0.696	0.278 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
						0.696	0.278 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
						0.696	0.278 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.696	0.278 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.696	0.278 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.696	0.278 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.710	0.281 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
						0.696	0.278 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.696	0.278 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.696	0.278 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
						0.696	0.278 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.696	0.278 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.696	0.278 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.669	0.274 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EB	Patch	0.200	0	1.104	1.104	0.937	0.214 general habitat units	West Gippsland ; Wellington Shire

	0.679	0.185 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
	0.597	0.176 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
	0.855	0.205 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.819	0.201 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.564	0.173 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.843	0.203 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.635	0.180 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.839	0.203 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.840	0.203 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.710	0.189 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.685	0.186 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.699	0.188 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.690	0.186 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.840	0.203 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.730	0.191 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.779	0.196 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.700	0.188 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.221 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.221 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.685	0.186 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.824	0.201 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>

	0.823	0.201 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.610	0.178 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.830	0.202 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.705	0.188 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.755	0.194 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.715	0.189 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.754	0.194 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.710	0.189 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.672	0.184 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.809	0.200 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.705	0.188 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.692	0.187 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.692	0.187 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.692	0.187 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.692	0.187 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.692	0.187 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.692	0.187 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.692	0.187 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.692	0.187 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>

							0.692	0.187 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.692	0.187 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.692	0.187 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.692	0.187 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.692	0.187 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.692	0.187 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.692	0.187 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.692	0.187 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.490	0.164 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.692	0.187 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.692	0.187 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.692	0.187 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.654	0.182 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	7.816	7.816	0.960		1.532 general habitat units	West Gippsland ; Wellington Shire
							0.848	1.444 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.685	1.317 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.603	1.253 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.870	1.462 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.843	1.440 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>

	0.573	1.230 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.860	1.454 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.643	1.284 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.855	1.450 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.853	1.448 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.713	1.339 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.692	1.323 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.706	1.333 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.693	1.324 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.859	1.453 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.722	1.346 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.784	1.394 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.701	1.329 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	1.563 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	1.563 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.692	1.323 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.687	1.318 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.825	1.426 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.845	1.442 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.614	1.261 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>

	0.843	1.441 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.708	1.335 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.763	1.378 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.721	1.345 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.758	1.374 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.713	1.339 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.676	1.310 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.796	1.404 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.711	1.337 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.690	1.321 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.690	1.321 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.690	1.321 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.690	1.321 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.691	1.322 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.690	1.321 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.690	1.321 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.690	1.321 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.690	1.321 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.690	1.321 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>

							0.690	1.321 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.689	1.321 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.688	1.320 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.720	1.344 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.690	1.321 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.690	1.321 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.695	1.325 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.690	1.321 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.695	1.325 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.690	1.321 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.696	1.326 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	1.302	1.302	0.898		0.247 general habitat units	West Gippsland ; Wellington Shire
							0.656	0.216 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.600	0.208 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.859	0.242 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.796	0.234 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.561	0.203 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.849	0.241 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.615	0.210 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>

	0.841	0.240 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.841	0.240 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.711	0.223 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.689	0.220 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.701	0.221 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.691	0.220 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.841	0.240 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.762	0.229 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.701	0.221 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.260 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.260 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.665	0.217 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.802	0.235 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.829	0.238 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.611	0.210 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.831	0.238 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.709	0.223 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.759	0.229 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.719	0.224 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.751	0.228 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.711	0.223 species habitat units	10215 Hardhead, <i>Aythya australis</i>

	0.652	0.215 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.786	0.233 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.709	0.223 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.599	0.208 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.599	0.208 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.599	0.208 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.599	0.208 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.599	0.208 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.599	0.208 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.599	0.208 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.599	0.208 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.599	0.208 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.599	0.208 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.599	0.208 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.599	0.208 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.599	0.208 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.599	0.208 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.599	0.208 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

							0.700	0.221 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.546	0.201 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.599	0.208 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.700	0.221 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.599	0.208 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.594	0.208 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DC	Patch	0.200	0	1.847	1.847	0.951	0.360	general habitat units	West Gippsland ; Wellington Shire
							0.807	0.334 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.659	0.306 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.579	0.292 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.848	0.341 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.816	0.335 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.549	0.286 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.832	0.338 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.619	0.299 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.828	0.338 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.827	0.337 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.692	0.313 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
							0.669	0.308 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.682	0.311 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>

	0.675	0.309 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.828	0.338 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.768	0.327 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.679	0.310 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.369 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.369 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.672	0.309 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.663	0.307 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.809	0.334 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.818	0.336 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.593	0.294 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.819	0.336 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.689	0.312 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.739	0.321 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.699	0.314 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.742	0.322 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.692	0.313 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.660	0.307 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.796	0.332 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.689	0.312 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>

	0.645	0.304 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.645	0.304 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.648	0.304 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.645	0.304 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.646	0.304 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.645	0.304 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.645	0.304 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.645	0.304 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.645	0.304 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.645	0.304 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.645	0.304 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.645	0.304 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.645	0.304 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.650	0.305 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.644	0.304 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>punicea</i>
	0.645	0.304 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>filifolia</i>
	0.646	0.304 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
	0.645	0.304 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

							0.650	0.305 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.648	0.304 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.647	0.304 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DC	Patch	0.200	0	0.692	0.692	0.846		0.128 general habitat units	West Gippsland ; Wellington Shire
							0.650	0.114 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.595	0.110 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.745	0.121 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
							0.645	0.114 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
							0.795	0.124 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
							0.635	0.113 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
							0.786	0.124 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
							0.618	0.112 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.618	0.112 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.618	0.112 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.618	0.112 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.618	0.112 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.618	0.112 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.618	0.112 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.632	0.113 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>

						0.618	0.112 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.618	0.112 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.618	0.112 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.618	0.112 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.618	0.112 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.628	0.113 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
						0.618	0.112 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.618	0.112 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.618	0.112 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EA	Patch	0.200	0	0.190	0.190	0.970	0.037 general habitat units	West Gippsland ; Wellington Shire
						0.830	0.035 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
						0.697	0.032 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.607	0.031 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.867	0.036 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.833	0.035 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.563	0.030 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.867	0.036 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.647	0.031 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.853	0.035 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.857	0.035 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>

	0.717	0.033 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.697	0.032 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.717	0.033 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.697	0.032 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.853	0.035 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.777	0.034 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.707	0.032 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.807	0.034 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.697	0.032 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.697	0.032 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.813	0.034 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.847	0.035 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.627	0.031 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.837	0.035 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.717	0.033 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.763	0.034 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.727	0.033 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.747	0.033 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.723	0.033 species habitat units	10215 Hardhead, <i>Aythya australis</i>

							0.677	0.032 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
							0.753	0.033 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
							0.717	0.033 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
							0.670	0.032 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.670	0.032 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.680	0.032 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.670	0.032 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.670	0.032 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.670	0.032 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.670	0.032 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
							0.670	0.032 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.670	0.032 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.670	0.032 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.670	0.032 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.650	0.031 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
							0.670	0.032 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.670	0.032 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.650	0.031 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
0-EB	Patch	0.200	0	0.026	0.026	0.950		0.005 general habitat units	West Gippsland ; Wellington Shire

	0.840	0.005 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
	0.710	0.005 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
	0.630	0.004 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
	0.880	0.005 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.850	0.005 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.580	0.004 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.880	0.005 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.660	0.004 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.870	0.005 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.870	0.005 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.740	0.005 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.720	0.005 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.730	0.005 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.720	0.005 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.870	0.005 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.800	0.005 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.730	0.005 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.820	0.005 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.720	0.005 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.005 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>

	0.840	0.005 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.005 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.004 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.860	0.005 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.730	0.005 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.780	0.005 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.740	0.005 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.770	0.005 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.740	0.005 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.700	0.004 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.770	0.005 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.740	0.005 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.700	0.004 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.700	0.004 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.700	0.004 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.700	0.004 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.700	0.004 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.700	0.004 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.700	0.004 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>

							0.700	0.004 species habitat units	501888 Salt Lawrenca, <i>Lawrenca spicata</i>
							0.700	0.004 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.700	0.004 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.700	0.004 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
							0.700	0.004 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
							0.700	0.004 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.700	0.004 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.700	0.004 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
							0.700	0.004 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.700	0.004 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.700	0.004 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.700	0.004 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
0-EA	Patch	0.200	0	0.004	0.004	0.990		0.001 general habitat units	West Gippsland ; Wellington Shire
							0.840	0.001 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.630	0.001 species habitat units	10136 Grey Plover, <i>Pluvialis squatarola</i>
							0.710	0.001 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.630	0.001 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.880	0.001 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.850	0.001 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>

	0.580	0.001 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.880	0.001 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.660	0.001 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.870	0.001 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.870	0.001 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.740	0.001 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.710	0.001 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.730	0.001 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.720	0.001 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.870	0.001 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.800	0.001 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.730	0.001 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.820	0.001 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.720	0.001 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.001 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.830	0.001 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.001 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.001 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.860	0.001 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.730	0.001 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>

	0.780	0.001 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.740	0.001 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.001 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.740	0.001 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.700	0.001 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.770	0.001 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.740	0.001 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.001 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.001 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.001 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.001 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.001 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.720	0.001 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.720	0.001 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.720	0.001 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.720	0.001 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.720	0.001 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.720	0.001 species habitat units	503019 Dune Fan-flower, <i>Scaevola calandulacea</i>
	0.720	0.001 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>

							0.720	0.001 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.720	0.001 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.720	0.001 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
							0.720	0.001 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.720	0.001 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.720	0.001 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.720	0.001 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.720	0.001 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
0-EA	Patch	0.200	0	0.086	0.086	0.922	0.017	general habitat units	West Gippsland ; Wellington Shire
							0.850	0.016 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.640	0.014 species habitat units	10136 Grey Plover, <i>Pluvialis squatarola</i>
							0.720	0.015 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.630	0.014 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.870	0.016 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.860	0.016 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.580	0.014 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.880	0.016 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.660	0.014 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.870	0.016 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.870	0.016 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>

	0.740	0.015 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.720	0.015 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.740	0.015 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.720	0.015 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.870	0.016 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.790	0.015 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.730	0.015 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.820	0.016 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.720	0.015 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.720	0.015 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.830	0.016 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.016 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.014 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.860	0.016 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.740	0.015 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.780	0.015 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.750	0.015 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.015 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.740	0.015 species habitat units	10215 Hardhead, <i>Aythya australis</i>

	0.700	0.015 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.732	0.015 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.740	0.015 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.710	0.015 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.710	0.015 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.700	0.015 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.710	0.015 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.710	0.015 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.710	0.015 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.710	0.015 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.710	0.015 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.710	0.015 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.710	0.015 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.710	0.015 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
	0.710	0.015 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
	0.710	0.015 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.710	0.015 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.710	0.015 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>

							0.710	0.015 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.700	0.015 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.710	0.015 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.710	0.015 species habitat units	504537 Eastern Water-ribbons, <i>Cyanogeton microtuberosum</i>
0-EA	Patch	0.200	0	0.174	0.174	0.979		0.034 general habitat units	West Gippsland ; Wellington Shire
							0.854	0.032 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.630	0.028 species habitat units	10136 Grey Plover, <i>Pluvialis squatarola</i>
							0.724	0.030 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.642	0.029 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.892	0.033 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.862	0.032 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.594	0.028 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.892	0.033 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.674	0.029 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.882	0.033 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.882	0.033 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.754	0.031 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.731	0.030 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.747	0.030 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.732	0.030 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
							0.884	0.033 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>

	0.805	0.031 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.742	0.030 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.832	0.032 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.732	0.030 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.724	0.030 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.840	0.032 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.872	0.033 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.640	0.029 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.868	0.033 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.744	0.030 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.794	0.031 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.754	0.031 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.774	0.031 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.754	0.031 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.714	0.030 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.780	0.031 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.752	0.031 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.675	0.029 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.675	0.029 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>

						0.706	0.030 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
						0.675	0.029 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
						0.675	0.029 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
						0.675	0.029 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
						0.675	0.029 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
						0.675	0.029 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
						0.675	0.029 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
						0.679	0.029 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.706	0.030 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
						0.675	0.029 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
						0.706	0.030 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.675	0.029 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.706	0.030 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
						0.675	0.029 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
						0.706	0.030 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.675	0.029 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
						0.679	0.029 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
						0.720	0.030 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
0-EB	Patch	0.200	0	0.000	0.000	0.960	0.000 general habitat units	West Gippsland ; Wellington Shire

	0.840	0.000 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
	0.700	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
	0.610	0.000 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
	0.860	0.000 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.840	0.000 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.560	0.000 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.850	0.000 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.640	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.850	0.000 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.850	0.000 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.720	0.000 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.700	0.000 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.720	0.000 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.000 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.850	0.000 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.770	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.000 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.810	0.000 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.700	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.700	0.000 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>

	0.810	0.000 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.840	0.000 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.630	0.000 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.840	0.000 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.000 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.760	0.000 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.730	0.000 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.740	0.000 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.000 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.720	0.000 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.000 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.650	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.650	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.650	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.650	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.650	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.650	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.650	0.000 species habitat units	501888 Salt Lawrenceia, <i>Lawrenceia spicata</i>

							0.650	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.650	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.650	0.000 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
							0.650	0.000 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
							0.650	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.650	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.650	0.000 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.650	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.650	0.000 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.650	0.000 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
0-DA	Patch	0.200	0	0.000	0.000	0.950		0.000 general habitat units	West Gippsland ; Wellington Shire
							0.590	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.590	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.590	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.590	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.590	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.590	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.590	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.590	0.000 species habitat units	501888 Salt Lawrenceia, <i>Lawrencia spicata</i>

							0.590	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.590	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.590	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.590	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.590	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.590	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.590	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.590	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.590	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.590	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.000	0.000	0.840		0.000 general habitat units	West Gippsland ; Wellington Shire
							0.490	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.490	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.490	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.490	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.490	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.490	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.490	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.490	0.000 species habitat units	501888 Salt Lawrenceia, <i>Lawrencia spicata</i>

							0.490	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.490	0.000 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
							0.490	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.490	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.490	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.490	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.490	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.490	0.000 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.490	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.490	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.490	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.008	0.008	0.840	0.002	general habitat units	West Gippsland ; Wellington Shire
							0.490	0.001 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.490	0.001 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.490	0.001 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.490	0.001 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.490	0.001 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.490	0.001 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.490	0.001 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>

							0.490	0.001 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.490	0.001 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.490	0.001 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
							0.490	0.001 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.490	0.001 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.490	0.001 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.490	0.001 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.490	0.001 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.490	0.001 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.490	0.001 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.490	0.001 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.490	0.001 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.336	0.336	0.879		0.063 general habitat units	West Gippsland ; Wellington Shire
							0.666	0.056 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.578	0.053 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.838	0.062 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.806	0.061 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.546	0.052 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.828	0.061 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>

	0.618	0.054 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.826	0.061 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.826	0.061 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.696	0.057 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.668	0.056 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.686	0.057 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.676	0.056 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.826	0.061 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.766	0.059 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.686	0.057 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.067 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.067 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.668	0.056 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.806	0.061 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.816	0.061 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.596	0.054 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.816	0.061 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.688	0.057 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.738	0.058 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.698	0.057 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>

	0.736	0.058 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.696	0.057 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.656	0.056 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.796	0.060 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.688	0.057 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.588	0.053 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.588	0.053 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.588	0.053 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.588	0.053 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.588	0.053 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.588	0.053 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.588	0.053 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.588	0.053 species habitat units	501888 Salt Lawrenca, <i>Lawrenca spicata</i>
	0.588	0.053 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.490	0.050 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.588	0.053 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.588	0.053 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.629	0.055 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.588	0.053 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>

							0.588	0.053 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.588	0.053 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.650	0.055 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.572	0.053 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.588	0.053 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.650	0.055 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.588	0.053 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.588	0.053 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	0.000	0.000	0.890	0.000	general habitat units	West Gippsland ; Wellington Shire
							0.660	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.580	0.000 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.840	0.000 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.800	0.000 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.540	0.000 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.830	0.000 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.620	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.820	0.000 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.820	0.000 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.690	0.000 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.670	0.000 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.680	0.000 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.670	0.000 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.820	0.000 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.760	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.680	0.000 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.000 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.000 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.670	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.810	0.000 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.810	0.000 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.590	0.000 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.810	0.000 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.690	0.000 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.740	0.000 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.700	0.000 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.740	0.000 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.690	0.000 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.650	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.790	0.000 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.690	0.000 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>

	0.610	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.610	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.610	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.610	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.610	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.610	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.610	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.610	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.610	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.610	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.610	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.610	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.610	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.610	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.610	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.610	0.000 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.610	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
	0.610	0.000 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>

						0.610	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi</i> var. <i>solanderi</i> s.s.
						0.610	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus</i> subsp. <i>longifructus</i>
0-EC	Patch	0.200	0	0.001	0.001	0.950	0.000 general habitat units	West Gippsland ; Wellington Shire
						0.690	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.610	0.000 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.870	0.000 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.840	0.000 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.570	0.000 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.860	0.000 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.650	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.850	0.000 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.850	0.000 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.720	0.000 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
						0.700	0.000 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
						0.710	0.000 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
						0.700	0.000 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
						0.850	0.000 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
						0.720	0.000 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
						0.790	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
						0.710	0.000 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>

	1.000	0.000 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.000 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.700	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.830	0.000 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.840	0.000 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.000 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.840	0.000 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.000 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.770	0.000 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.730	0.000 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.000 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.000 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.790	0.000 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.000 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>

							0.720	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.720	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.720	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.720	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.720	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.720	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.720	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.720	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.720	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.720	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.720	0.000 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.720	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.720	0.000 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.720	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-EC	Patch	0.200	0	0.013	0.013	0.970		0.003 general habitat units	West Gippsland ; Wellington Shire
							0.680	0.002 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.600	0.002 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.860	0.002 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.820	0.002 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>

	0.570	0.002 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.850	0.002 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.640	0.002 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.850	0.002 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.850	0.002 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.710	0.002 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.690	0.002 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.710	0.002 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.002 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.850	0.002 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.710	0.002 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.780	0.002 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.700	0.002 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.003 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.003 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.690	0.002 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.820	0.002 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.830	0.002 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.002 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.840	0.002 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>

	0.710	0.002 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.760	0.002 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.720	0.002 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.750	0.002 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.002 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.002 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.810	0.002 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.710	0.002 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.710	0.002 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.710	0.002 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.710	0.002 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.710	0.002 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.710	0.002 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.710	0.002 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.710	0.002 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.710	0.002 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.710	0.002 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.710	0.002 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.710	0.002 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>

						0.710	0.002 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.710	0.002 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.710	0.002 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.710	0.002 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.710	0.002 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
						0.710	0.002 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.710	0.002 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.710	0.002 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.710	0.002 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	0.021	0.021	0.970	0.004 general habitat units	West Gippsland ; Wellington Shire
						0.690	0.004 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.607	0.003 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.870	0.004 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.837	0.004 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.577	0.003 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.860	0.004 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.647	0.003 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.857	0.004 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.857	0.004 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.720	0.004 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>

	0.697	0.004 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.717	0.004 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.004 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.857	0.004 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.004 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.790	0.004 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.004 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.004 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.004 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.697	0.004 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.830	0.004 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.847	0.004 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.627	0.003 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.847	0.004 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.004 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.767	0.004 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.727	0.004 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.004 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.004 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.687	0.004 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>

	0.800	0.004 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.004 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.004 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.004 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.004 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.004 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.004 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.720	0.004 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.720	0.004 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.720	0.004 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.720	0.004 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.720	0.004 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.720	0.004 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.720	0.004 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.720	0.004 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.720	0.004 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.720	0.004 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.720	0.004 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

							0.720	0.004 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.720	0.004 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.720	0.004 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.720	0.004 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-EC	Patch	0.200	0	0.278	0.278	0.970		0.055 general habitat units	West Gippsland ; Wellington Shire
							0.691	0.047 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.606	0.045 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.870	0.052 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.834	0.051 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.576	0.044 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.861	0.052 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.646	0.046 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.854	0.052 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.854	0.052 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.721	0.048 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.696	0.047 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.714	0.048 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.701	0.047 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
							0.856	0.052 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
							0.723	0.048 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>

	0.790	0.050 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.711	0.048 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.056 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.056 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.696	0.047 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.048 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.832	0.051 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.844	0.051 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.626	0.045 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.846	0.051 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.048 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.766	0.049 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.726	0.048 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.762	0.049 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.721	0.048 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.686	0.047 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.810	0.050 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.048 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.723	0.048 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

	0.723	0.048 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.723	0.048 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.723	0.048 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.723	0.048 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.723	0.048 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.723	0.048 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.723	0.048 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.723	0.048 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.723	0.048 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.723	0.048 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.723	0.048 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.723	0.048 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.720	0.048 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.723	0.048 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.723	0.048 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.723	0.048 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.723	0.048 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
	0.723	0.048 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>

					0.723	0.048 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-EC	Patch	0.200	0	0.396	0.396	0.958	0.078 general habitat units West Gippsland ; Wellington Shire
					0.689	0.067 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
					0.607	0.064 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
					0.869	0.074 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
					0.837	0.073 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
					0.572	0.062 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
					0.859	0.074 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
					0.647	0.065 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
					0.852	0.073 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
					0.852	0.073 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
					0.719	0.068 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
					0.697	0.067 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
					0.712	0.068 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
					0.699	0.067 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
					0.852	0.073 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
					0.720	0.068 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
					0.789	0.071 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
					0.709	0.068 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
					1.000	0.079 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
					1.000	0.079 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>

	0.697	0.067 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.829	0.072 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.842	0.073 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.622	0.064 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.842	0.073 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.719	0.068 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.767	0.070 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.727	0.068 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.759	0.070 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.719	0.068 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.682	0.067 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.794	0.071 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.719	0.068 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.715	0.068 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.715	0.068 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.715	0.068 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.715	0.068 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.068 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.715	0.068 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>

							0.715	0.068 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.715	0.068 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.715	0.068 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.715	0.068 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.715	0.068 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.715	0.068 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.710	0.068 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.720	0.068 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.715	0.068 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.715	0.068 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.715	0.068 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.715	0.068 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.715	0.068 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.715	0.068 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-EB	Patch	0.200	0	0.067	0.067	0.970		0.013 general habitat units	West Gippsland ; Wellington Shire
							0.680	0.011 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.600	0.011 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.860	0.012 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.820	0.012 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>

	0.560	0.010 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.850	0.012 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.640	0.011 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.840	0.012 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.840	0.012 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.710	0.011 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.690	0.011 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.700	0.011 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.690	0.011 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.840	0.012 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.780	0.012 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.700	0.011 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.013 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.013 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.690	0.011 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.820	0.012 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.830	0.012 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.610	0.011 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.830	0.012 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.710	0.011 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>

	0.760	0.012 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.720	0.012 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.750	0.012 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.710	0.011 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.670	0.011 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.810	0.012 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.710	0.011 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.700	0.011 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.700	0.011 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.700	0.011 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.700	0.011 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.700	0.011 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.700	0.011 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.700	0.011 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.700	0.011 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.700	0.011 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.700	0.011 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.700	0.011 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.700	0.011 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>

							0.700	0.011 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.700	0.011 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.700	0.011 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.700	0.011 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.700	0.011 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.700	0.011 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.700	0.011 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.700	0.011 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EB	Patch	0.200	0	0.121	0.121	0.970	0.024	general habitat units	West Gippsland ; Wellington Shire
							0.690	0.020 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.600	0.019 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.870	0.023 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.830	0.022 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.570	0.019 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.860	0.022 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.640	0.020 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.850	0.022 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.850	0.022 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.720	0.021 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.690	0.020 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.710	0.021 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.020 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.850	0.022 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.021 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.790	0.022 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.021 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.024 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.024 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.690	0.020 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.830	0.022 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.840	0.022 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.020 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.840	0.022 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.021 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.760	0.021 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.720	0.021 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.021 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.021 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.020 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.820	0.022 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>

	0.720	0.021 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.021 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.720	0.021 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.720	0.021 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.021 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.021 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.720	0.021 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.720	0.021 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.720	0.021 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.720	0.021 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.720	0.021 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.720	0.021 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.720	0.021 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.720	0.021 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.720	0.021 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>punicea</i>
	0.720	0.021 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>filifolia</i>
	0.720	0.021 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
	0.720	0.021 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

					0.720	0.021 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
					0.720	0.021 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
O-EB	Patch	0.200	0	0.641	0.641	0.874	0.120 general habitat units West Gippsland ; Wellington Shire
					0.640	0.105 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
					0.573	0.101 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
					0.833	0.117 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
					0.780	0.114 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
					0.543	0.099 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
					0.816	0.116 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
					0.600	0.103 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
					0.813	0.116 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
					0.821	0.117 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
					0.685	0.108 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
					0.663	0.107 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
					0.673	0.107 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
					0.665	0.107 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
					0.813	0.116 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
					0.745	0.112 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
					0.675	0.107 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
					1.000	0.128 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
					1.000	0.128 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>

	0.650	0.106 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.790	0.115 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.796	0.115 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.585	0.102 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.805	0.116 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.683	0.108 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.733	0.111 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.693	0.108 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.733	0.111 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.685	0.108 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.635	0.105 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.770	0.113 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.683	0.108 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.568	0.100 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.568	0.100 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.568	0.100 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.568	0.100 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.568	0.100 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.568	0.100 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>

						0.568	0.100 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
						0.568	0.100 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
						0.568	0.100 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
						0.568	0.100 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.568	0.100 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.568	0.100 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.568	0.100 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.568	0.100 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.568	0.100 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.605	0.103 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
						0.483	0.095 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
						0.568	0.100 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.605	0.103 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.568	0.100 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.568	0.100 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EB	Patch	0.200	0	0.877	0.877	0.953	0.171 general habitat units	West Gippsland ; Wellington Shire
							0.674	0.147 species habitat units
								10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.592	0.140 species habitat units
								10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.854	0.163 species habitat units
								10150 Whimbrel, <i>Numenius phaeopus</i>

	0.822	0.160 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.561	0.137 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.844	0.162 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.632	0.143 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.835	0.161 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.835	0.161 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.704	0.150 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.682	0.148 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.694	0.149 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.684	0.148 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.835	0.161 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.151 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.774	0.156 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.694	0.149 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.175 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.175 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.682	0.148 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.814	0.159 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.825	0.160 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.604	0.141 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>

	0.825	0.160 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.703	0.149 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.752	0.154 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.712	0.150 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.751	0.154 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.704	0.150 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.664	0.146 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.803	0.158 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.704	0.149 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.663	0.146 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.663	0.146 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.663	0.146 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.663	0.146 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.679	0.147 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.663	0.146 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.663	0.146 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.663	0.146 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.663	0.146 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.663	0.146 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>

							0.663	0.146 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.663	0.146 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.661	0.146 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.663	0.146 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.663	0.146 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.663	0.146 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.663	0.146 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.663	0.146 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.663	0.146 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.644	0.144 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	0.158	0.158	0.959		0.031 general habitat units	West Gippsland ; Wellington Shire
							0.685	0.027 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.610	0.025 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.860	0.029 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.825	0.029 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.570	0.025 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.850	0.029 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.636	0.026 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.850	0.029 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.850	0.029 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>

	0.720	0.027 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.690	0.027 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.710	0.027 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.027 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.850	0.029 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.786	0.028 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.027 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.032 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.032 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.686	0.027 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.826	0.029 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.830	0.029 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.026 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.840	0.029 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.710	0.027 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.760	0.028 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.720	0.027 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.028 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.027 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.676	0.026 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>

	0.815	0.029 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.710	0.027 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.704	0.027 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.704	0.027 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.704	0.027 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.704	0.027 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.704	0.027 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.704	0.027 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.704	0.027 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.704	0.027 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.704	0.027 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.704	0.027 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.704	0.027 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.704	0.027 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.704	0.027 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.704	0.027 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.704	0.027 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.720	0.027 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>

						0.704	0.027 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.720	0.027 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.704	0.027 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.570	0.025 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	0.229	0.229	0.950	0.045 general habitat units	West Gippsland ; Wellington Shire
						0.662	0.038 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.575	0.036 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.835	0.042 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.805	0.041 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.545	0.035 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.825	0.042 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.615	0.037 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.822	0.042 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.822	0.042 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.692	0.039 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
						0.665	0.038 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
						0.682	0.039 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
						0.672	0.038 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
						0.822	0.042 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
						0.762	0.040 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.682	0.039 species habitat units	10050 Baillon's Crane, <i>Porzana pusilla palustris</i>
	1.000	0.046 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.046 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.665	0.038 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.802	0.041 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.812	0.042 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.592	0.036 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.812	0.042 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.685	0.039 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.735	0.040 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.695	0.039 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.735	0.040 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.692	0.039 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.652	0.038 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.792	0.041 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.685	0.039 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.637	0.038 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.637	0.038 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.637	0.038 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>

						0.637	0.038 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
						0.634	0.037 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
						0.637	0.038 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
						0.637	0.038 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
						0.637	0.038 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
						0.637	0.038 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
						0.637	0.038 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
						0.637	0.038 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
						0.637	0.038 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
						0.637	0.038 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
						0.637	0.038 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
						0.637	0.038 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
						0.637	0.038 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
						0.637	0.038 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
						0.637	0.038 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.637	0.038 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.634	0.037 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	0.000	0.000	0.830	0.000 general habitat units	West Gippsland ; Wellington Shire
						0.570	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

								0.570	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
								0.570	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
								0.570	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
								0.570	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
								0.570	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
								0.570	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
								0.570	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
								0.570	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
								0.570	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
								0.570	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
								0.570	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
								0.570	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
								0.570	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
								0.570	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	0.003	0.003	0.847			0.001 general habitat units	West Gippsland ; Wellington Shire
								0.640	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
								0.790	0.001 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
								0.600	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
								0.740	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.650	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.780	0.001 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.630	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.770	0.001 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.570	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.570	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.570	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.570	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.570	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.570	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.570	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.570	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.570	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.570	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.570	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.570	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.570	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.570	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.570	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

							0.570	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.570	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.570	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	0.120	0.120	0.927		0.023 general habitat units	West Gippsland ; Wellington Shire
							0.640	0.020 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.790	0.022 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.600	0.019 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.740	0.021 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
							0.650	0.020 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
							0.780	0.021 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
							0.630	0.020 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
							0.770	0.021 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
							0.584	0.019 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
							0.584	0.019 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
							0.584	0.019 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
							0.584	0.019 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.584	0.019 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.584	0.019 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.584	0.019 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>

							0.584	0.019 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.584	0.019 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.584	0.019 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.584	0.019 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.584	0.019 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.584	0.019 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.584	0.019 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.584	0.019 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.584	0.019 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.584	0.019 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.584	0.019 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	0.361	0.361	0.890		0.068 general habitat units	West Gippsland ; Wellington Shire
							0.624	0.059 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.536	0.055 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.804	0.065 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.756	0.063 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.505	0.054 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.786	0.064 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.584	0.057 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>

	0.784	0.064 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.822	0.066 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.655	0.060 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.634	0.059 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.644	0.059 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.635	0.059 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.784	0.064 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.724	0.062 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.645	0.059 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.072 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.072 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.632	0.059 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.772	0.064 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.766	0.064 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.555	0.056 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.775	0.064 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.654	0.060 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.704	0.062 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.664	0.060 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.696	0.061 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.655	0.060 species habitat units	10215 Hardhead, <i>Aythya australis</i>

	0.624	0.059 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.745	0.063 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.654	0.060 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.490	0.054 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.490	0.054 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.490	0.054 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.490	0.054 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.490	0.054 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.490	0.054 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.490	0.054 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.490	0.054 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.494	0.054 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.490	0.054 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.490	0.054 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.494	0.054 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.490	0.054 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.490	0.054 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.490	0.054 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>

							0.494	0.054 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.471	0.053 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
							0.490	0.054 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.494	0.054 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.490	0.054 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.490	0.054 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	5.050	5.050	0.884	0.951	general habitat units	West Gippsland ; Wellington Shire
							0.630	0.823 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.549	0.782 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.813	0.916 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.769	0.893 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.517	0.766 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.801	0.910 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.585	0.800 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.796	0.907 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.794	0.906 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.663	0.840 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
							0.637	0.827 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.649	0.833 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.643	0.830 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>

	0.791	0.905 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.869 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.649	0.833 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	1.010 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	1.010 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.618	0.817 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.766	0.892 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.776	0.897 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.559	0.788 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.783	0.900 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.657	0.837 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.712	0.864 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.667	0.842 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.711	0.864 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.663	0.840 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.602	0.809 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.753	0.885 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.658	0.837 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.478	0.746 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

	0.478	0.746 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.478	0.746 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.478	0.746 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.473	0.744 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.478	0.746 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.478	0.746 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.478	0.746 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.483	0.749 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.492	0.753 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.478	0.746 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.478	0.746 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.474	0.745 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.478	0.746 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.478	0.746 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.478	0.746 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.501	0.758 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.449	0.732 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
	0.478	0.746 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

						0.501	0.758 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
						0.478	0.746 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
						0.478	0.746 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-EC	Patch	0.200	0	0.000	0.000	0.970	0.000 general habitat units	West Gippsland ; Wellington Shire
						0.700	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
						0.610	0.000 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
						0.870	0.000 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
						0.850	0.000 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
						0.580	0.000 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
						0.870	0.000 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
						0.650	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
						0.860	0.000 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
						0.860	0.000 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
						0.720	0.000 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
						0.700	0.000 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
						0.720	0.000 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
						0.700	0.000 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
						0.870	0.000 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
						0.720	0.000 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
						0.790	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.710	0.000 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.000 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	0.700	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.700	0.000 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.830	0.000 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.850	0.000 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.000 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.850	0.000 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.000 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.770	0.000 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.730	0.000 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.000 species habitat units	10197 Australasian Bittern, <i>Botaurus poeciloptilus</i>
	0.720	0.000 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.800	0.000 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.000 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>

							0.720	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
							0.720	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.720	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.720	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.720	0.000 species habitat units	501888 Salt Lawrenca, <i>Lawrenca spicata</i>
							0.720	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.720	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.720	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.720	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.720	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.720	0.000 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.720	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.720	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.720	0.000 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.720	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.720	0.000 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.720	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.720	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DC	Patch	0.200	0	0.001	0.001	0.848	0.000	general habitat units	West Gippsland ; Wellington Shire

								0.570	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
								0.570	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
								0.570	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
								0.570	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
								0.570	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
								0.570	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
								0.570	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
								0.570	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
								0.570	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
								0.570	0.000 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
								0.570	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
								0.570	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
								0.570	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
								0.570	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
								0.570	0.000 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.000	0.000	0.950			0.000 general habitat units	West Gippsland ; Wellington Shire
								0.690	0.000 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
								0.610	0.000 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
								0.870	0.000 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>

	0.840	0.000 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.570	0.000 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.860	0.000 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.650	0.000 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.850	0.000 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.850	0.000 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.720	0.000 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchotis</i>
	0.700	0.000 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.710	0.000 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.700	0.000 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.850	0.000 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.000 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.790	0.000 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.000 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.000 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.000 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.700	0.000 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.830	0.000 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.840	0.000 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.620	0.000 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>

	0.840	0.000 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.720	0.000 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.770	0.000 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.730	0.000 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.760	0.000 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.000 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.680	0.000 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.790	0.000 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.000 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.720	0.000 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.720	0.000 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.720	0.000 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.720	0.000 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.720	0.000 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.720	0.000 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.720	0.000 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.720	0.000 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.720	0.000 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.720	0.000 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>

							0.720	0.000 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.720	0.000 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.720	0.000 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.720	0.000 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.720	0.000 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.720	0.000 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.720	0.000 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.720	0.000 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-DA	Patch	0.200	0	0.006	0.006	0.890	0.001	general habitat units	West Gippsland ; Wellington Shire
							0.659	0.001 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.579	0.001 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.839	0.001 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.799	0.001 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.539	0.001 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.829	0.001 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.619	0.001 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.819	0.001 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.820	0.001 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.689	0.001 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.669	0.001 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.679	0.001 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.669	0.001 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.819	0.001 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.759	0.001 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.679	0.001 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.001 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.001 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.669	0.001 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.809	0.001 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.809	0.001 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.589	0.001 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.809	0.001 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.689	0.001 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.739	0.001 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.699	0.001 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.739	0.001 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.689	0.001 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.650	0.001 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.789	0.001 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.689	0.001 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>

	0.608	0.001 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.608	0.001 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.608	0.001 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.608	0.001 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.608	0.001 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.608	0.001 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.608	0.001 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.608	0.001 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.608	0.001 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.608	0.001 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.608	0.001 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.608	0.001 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.608	0.001 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.608	0.001 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.608	0.001 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.608	0.001 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.608	0.001 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
	0.608	0.001 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>

					0.608	0.001 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
					0.608	0.001 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.088	0.088	0.936	0.017 general habitat units West Gippsland ; Wellington Shire
					0.672	0.015 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
					0.592	0.014 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
					0.852	0.016 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
					0.812	0.016 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
					0.557	0.014 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
					0.842	0.016 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
					0.632	0.014 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
					0.836	0.016 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
					0.836	0.016 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
					0.702	0.015 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
					0.682	0.015 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
					0.696	0.015 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
					0.686	0.015 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
					0.838	0.016 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
					0.710	0.015 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
					0.772	0.016 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
					0.692	0.015 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>

	1.000	0.018 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.018 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.682	0.015 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.816	0.016 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.822	0.016 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.608	0.014 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.828	0.016 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.702	0.015 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.752	0.015 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.712	0.015 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.746	0.015 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.706	0.015 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.668	0.015 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.802	0.016 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.702	0.015 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.669	0.015 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.669	0.015 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.669	0.015 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.669	0.015 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>

							0.669	0.015 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
							0.669	0.015 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
							0.669	0.015 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
							0.669	0.015 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
							0.669	0.015 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.669	0.015 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.669	0.015 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.669	0.015 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.669	0.015 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.669	0.015 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.669	0.015 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.669	0.015 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.669	0.015 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.669	0.015 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.669	0.015 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.662	0.015 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.212	0.212	0.970		0.042 general habitat units	West Gippsland ; Wellington Shire
							0.840	0.039 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.707	0.036 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>

	0.625	0.034 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
	0.878	0.040 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
	0.848	0.039 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
	0.587	0.034 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
	0.877	0.040 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.658	0.035 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.868	0.040 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.868	0.040 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.737	0.037 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.715	0.036 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.728	0.037 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.717	0.036 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.868	0.040 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.721	0.037 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.798	0.038 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.725	0.037 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.042 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.042 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.715	0.036 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.036 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.839	0.039 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>

	0.858	0.039 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.638	0.035 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.858	0.039 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.728	0.037 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.778	0.038 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.738	0.037 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.769	0.038 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.737	0.037 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.698	0.036 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.807	0.038 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.728	0.037 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.714	0.036 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.714	0.036 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.714	0.036 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.714	0.036 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.714	0.036 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.714	0.036 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.714	0.036 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.714	0.036 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>

							0.714	0.036 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
							0.714	0.036 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
							0.714	0.036 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
							0.714	0.036 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.701	0.036 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.670	0.035 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
							0.713	0.036 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.725	0.037 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.714	0.036 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.714	0.036 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.714	0.036 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.714	0.036 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.714	0.036 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-DA	Patch	0.200	0	0.260	0.260	0.962		0.051 general habitat units	West Gippsland ; Wellington Shire
							0.695	0.044 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.610	0.042 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.876	0.049 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.848	0.048 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.578	0.041 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>

	0.868	0.049 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
	0.650	0.043 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
	0.863	0.048 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.858	0.048 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.720	0.045 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.700	0.044 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.716	0.045 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.704	0.044 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.864	0.048 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.727	0.045 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.790	0.046 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.710	0.044 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.052 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.052 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.700	0.044 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.700	0.044 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.836	0.048 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.853	0.048 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.624	0.042 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.848	0.048 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>

	0.718	0.045 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.770	0.046 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.730	0.045 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.766	0.046 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.720	0.045 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.686	0.044 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.798	0.047 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.045 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.726	0.045 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.726	0.045 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.726	0.045 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.726	0.045 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.726	0.045 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.726	0.045 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.726	0.045 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.726	0.045 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.726	0.045 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.726	0.045 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.726	0.045 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>

							0.726	0.045 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
							0.724	0.045 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
							0.730	0.045 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.726	0.045 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.726	0.045 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.726	0.045 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
							0.726	0.045 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.726	0.045 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.726	0.045 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.729	0.045 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	0.363	0.363	0.970		0.071 general habitat units	West Gippsland ; Wellington Shire
							0.879	0.068 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.716	0.062 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.636	0.059 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.896	0.069 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.866	0.068 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.596	0.058 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.886	0.068 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.676	0.061 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>

	0.876	0.068 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
	0.876	0.068 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
	0.746	0.063 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
	0.726	0.063 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
	0.736	0.063 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.726	0.063 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.882	0.068 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.812	0.066 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.736	0.063 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	0.726	0.063 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.732	0.063 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.852	0.067 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.866	0.068 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.646	0.060 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.866	0.068 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.746	0.063 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.792	0.065 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.752	0.064 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.782	0.065 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.746	0.063 species habitat units	10215 Hardhead, <i>Aythya australis</i>

	0.812	0.066 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.746	0.063 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.729	0.063 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.729	0.063 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.729	0.063 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.729	0.063 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.729	0.063 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.729	0.063 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.729	0.063 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.729	0.063 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.729	0.063 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.729	0.063 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.700	0.062 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
	0.700	0.062 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
	0.729	0.063 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.729	0.063 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.727	0.063 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.686	0.061 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>

							0.729	0.063 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
							0.729	0.063 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.700	0.062 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.729	0.063 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.729	0.063 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.729	0.063 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.729	0.063 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
O-DA	Patch	0.200	0	0.585	0.585	0.968	0.115	general habitat units	West Gippsland ; Wellington Shire
							0.840	0.108 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.694	0.099 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.614	0.094 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.874	0.110 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.844	0.108 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.579	0.092 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.864	0.109 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.654	0.097 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.859	0.109 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.859	0.109 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.724	0.101 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.704	0.100 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.719	0.101 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.704	0.100 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.862	0.109 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.720	0.101 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.794	0.105 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.714	0.100 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.117 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.117 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.704	0.100 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.100 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.834	0.107 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.849	0.108 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.629	0.095 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.849	0.108 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.724	0.101 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.774	0.104 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.734	0.101 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.764	0.103 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.724	0.101 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.688	0.099 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>

	0.794	0.105 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.724	0.101 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.723	0.101 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.723	0.101 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.723	0.101 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.723	0.101 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.723	0.101 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.723	0.101 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.723	0.101 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.723	0.101 species habitat units	501888 Salt Lawrencia, <i>Lawrencia spicata</i>
	0.723	0.101 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.723	0.101 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.723	0.101 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.723	0.101 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.719	0.101 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.670	0.098 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
	0.724	0.101 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.720	0.101 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>

					0.723	0.101 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
					0.723	0.101 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
					0.723	0.101 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
					0.723	0.101 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
					0.723	0.101 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
0-DA	Patch	0.200	0	0.633	0.633	0.970	0.125 general habitat units West Gippsland ; Wellington Shire
					0.691	0.107 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
					0.604	0.101 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
					0.870	0.118 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
					0.831	0.116 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
					0.573	0.100 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
					0.861	0.118 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
					0.643	0.104 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
					0.851	0.117 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
					0.851	0.117 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
					0.721	0.109 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
					0.694	0.107 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
					0.711	0.108 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
					0.701	0.108 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
					0.853	0.117 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>

	0.716	0.109 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.790	0.113 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.711	0.108 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.127 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.127 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.694	0.107 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.710	0.108 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.832	0.116 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.841	0.116 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.623	0.103 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.843	0.117 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.713	0.108 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.763	0.112 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.723	0.109 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.762	0.111 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.721	0.109 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.683	0.106 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.819	0.115 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.720	0.109 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>

	0.716	0.109 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa</i> subsp. <i>paludosa</i>
	0.716	0.109 species habitat units	500345 Grey Mangrove, <i>Avicennia marina</i> subsp. <i>australasica</i>
	0.716	0.109 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.716	0.109 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.716	0.109 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.716	0.109 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.716	0.109 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.716	0.109 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.716	0.109 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.716	0.109 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.716	0.109 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.716	0.109 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.716	0.109 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.710	0.108 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.716	0.109 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>punicea</i>
	0.716	0.109 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea</i> subsp. <i>filifolia</i>
	0.716	0.109 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.716	0.109 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>

							0.716	0.109 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.716	0.109 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.710	0.108 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	3.852	3.852	0.967		0.758 general habitat units	West Gippsland ; Wellington Shire
							0.858	0.716 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.705	0.657 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.618	0.623 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.879	0.724 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.860	0.717 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.584	0.610 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.874	0.722 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.658	0.639 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.870	0.720 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.866	0.719 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.727	0.665 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.707	0.657 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.725	0.664 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.707	0.658 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
							0.874	0.722 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
							0.703	0.656 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>

	0.792	0.690 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.714	0.660 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	0.770 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	0.820	0.701 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.707	0.658 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.705	0.657 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.832	0.706 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.860	0.716 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.629	0.627 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.855	0.715 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.719	0.662 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.775	0.684 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.734	0.668 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.767	0.681 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.727	0.665 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.691	0.652 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.787	0.688 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.725	0.665 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.717	0.662 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

	0.717	0.662 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.719	0.662 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.717	0.662 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.717	0.662 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.717	0.662 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.717	0.662 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.717	0.662 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.717	0.662 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.717	0.662 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.701	0.655 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
	0.717	0.662 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.717	0.662 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.719	0.662 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.697	0.654 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
	0.717	0.662 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.723	0.664 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.717	0.662 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.717	0.661 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>

							0.717	0.662 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.717	0.661 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.717	0.662 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.723	0.664 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-DA	Patch	0.200	0	18.867	18.867	0.960		3.698 general habitat units	West Gippsland ; Wellington Shire
							0.849	3.488 species habitat units	10129 Ruddy Turnstone, <i>Arenaria interpres</i>
							0.631	3.077 species habitat units	10136 Grey Plover, <i>Pluvialis squatarola</i>
							0.707	3.220 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.622	3.060 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.879	3.545 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.846	3.483 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.579	2.980 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.875	3.538 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.659	3.131 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.866	3.520 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.865	3.519 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.734	3.272 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.712	3.229 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.728	3.261 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.714	3.234 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
							0.867	3.522 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>

	0.690	3.188 species habitat units	503446 Tiny Arrowgrass, <i>Triglochin minutissima</i>
	0.796	3.389 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.723	3.251 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	3.773 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	3.773 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.821	3.436 species habitat units	10138 Hooded Plover, <i>Thinornis rubricollis rubricollis</i>
	0.713	3.232 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.713	3.232 species habitat units	10141 Greater Sand Plover, <i>Charadrius leschenaultii</i>
	0.836	3.464 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.855	3.500 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.635	3.084 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.855	3.500 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.730	3.264 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.778	3.354 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.740	3.283 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.767	3.333 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.735	3.273 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.693	3.194 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.790	3.377 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>

	0.733	3.270 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.686	3.181 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.686	3.181 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.687	3.182 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.686	3.181 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.684	3.178 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.686	3.181 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.686	3.181 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.686	3.181 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.686	3.181 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.686	3.181 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.695	3.198 species habitat units	503019 Dune Fan-flower, <i>Scaevola calendulacea</i>
	0.693	3.194 species habitat units	503046 Beardless Bog-sedge, <i>Schoenus imberbis</i>
	0.687	3.182 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.686	3.181 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.665	3.141 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.692	3.192 species habitat units	503663 Bluish Pigface, <i>Carpobrotus glaucescens</i>
	0.693	3.194 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>

							0.661	3.134 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
							0.686	3.182 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
							0.692	3.192 species habitat units	504479 Gippsland Lakes Peppermint, <i>Eucalyptus arenicola</i>
							0.686	3.181 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
							0.680	3.170 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.682	3.174 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.668	3.147 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.647	3.108 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	6.743	6.743	0.865		1.258 general habitat units	West Gippsland ; Wellington Shire
							0.619	1.091 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.540	1.038 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.802	1.215 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.785	1.204 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.510	1.018 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.788	1.205 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.582	1.067 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.783	1.202 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.778	1.199 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.657	1.118 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.628	1.098 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>

	0.639	1.105 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
	0.638	1.105 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
	0.777	1.198 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
	0.731	1.167 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>
	0.647	1.111 species habitat units	10050 Baillon's Crake, <i>Porzana pusilla palustris</i>
	1.000	1.349 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	1.349 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.628	1.097 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.781	1.201 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.762	1.188 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.555	1.048 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.780	1.200 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.653	1.114 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.707	1.151 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.663	1.121 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.707	1.151 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.657	1.118 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.769	1.193 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.657	1.117 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.500	1.011 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>

	0.505	1.015 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.500	1.011 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>
	0.500	1.011 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.510	1.018 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.500	1.011 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.500	1.011 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.500	1.011 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.522	1.026 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.493	1.007 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.500	1.011 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.500	1.011 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.548	1.044 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.500	1.011 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.512	1.019 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.500	1.011 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.500	1.011 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.507	1.016 species habitat units	504537 Eastern Water-ribbons, <i>Cynogeton microtuberosum</i>
	0.488	1.003 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>

							0.500	1.011 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
							0.507	1.016 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>
							0.500	1.012 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi var. solanderi s.s.</i>
							0.500	1.011 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus subsp. longifructus</i>
0-ED	Patch	0.200	0	4.470	4.470	0.869		0.835 general habitat units	West Gippsland ; Wellington Shire
							0.613	0.721 species habitat units	10137 Pacific Golden Plover, <i>Pluvialis fulva</i>
							0.537	0.687 species habitat units	10149 Eastern Curlew, <i>Numenius madagascariensis</i>
							0.789	0.800 species habitat units	10150 Whimbrel, <i>Numenius phaeopus</i>
							0.756	0.785 species habitat units	10155 Grey-tailed Tattler, <i>Tringa brevipes</i>
							0.498	0.669 species habitat units	10157 Common Sandpiper, <i>Actitis hypoleucos</i>
							0.778	0.795 species habitat units	10158 Common Greenshank, <i>Tringa nebularia</i>
							0.564	0.699 species habitat units	10159 Marsh Sandpiper, <i>Tringa stagnatilis</i>
							0.778	0.795 species habitat units	10164 Red Knot, <i>Calidris canutus</i>
							0.760	0.787 species habitat units	10165 Great Knot, <i>Calidris tenuirostris</i>
							0.648	0.736 species habitat units	10212 Australasian Shoveler, <i>Anas rhynchos</i>
							0.618	0.723 species habitat units	10214 Freckled Duck, <i>Stictonetta naevosa</i>
							0.628	0.728 species habitat units	10216 Blue-billed Duck, <i>Oxyura australis</i>
							0.628	0.728 species habitat units	10217 Musk Duck, <i>Biziura lobata</i>
							0.765	0.789 species habitat units	10226 White-bellied Sea-Eagle, <i>Haliaeetus leucogaster</i>
							0.712	0.765 species habitat units	10045 Lewin's Rail, <i>Lewinia pectoralis pectoralis</i>

	0.635	0.731 species habitat units	10050 Baillon's Crane, <i>Porzana pusilla palustris</i>
	1.000	0.894 species habitat units	10117 Little Tern, <i>Sterna albifrons sinensis</i>
	1.000	0.894 species habitat units	10118 Fairy Tern, <i>Sterna nereis nereis</i>
	0.608	0.719 species habitat units	10139 Lesser Sand Plover, <i>Charadrius mongolus</i>
	0.758	0.786 species habitat units	10160 Terek Sandpiper, <i>Xenus cinereus</i>
	0.753	0.784 species habitat units	10161 Curlew Sandpiper, <i>Calidris ferruginea</i>
	0.543	0.690 species habitat units	10170 Australian Painted Snipe, <i>Rostratula australis</i>
	0.768	0.790 species habitat units	10185 Little Egret, <i>Egretta garzetta nigripes</i>
	0.638	0.732 species habitat units	10186 Intermediate Egret, <i>Ardea intermedia</i>
	0.694	0.757 species habitat units	10187 Eastern Great Egret, <i>Ardea modesta</i>
	0.648	0.737 species habitat units	10195 Australian Little Bittern, <i>Ixobrychus dubius</i>
	0.694	0.757 species habitat units	10197 Australasian Bittern, <i>Botaurus poiciloptilus</i>
	0.648	0.736 species habitat units	10215 Hardhead, <i>Aythya australis</i>
	0.595	0.713 species habitat units	10307 Elegant Parrot, <i>Neophema elegans</i>
	0.748	0.781 species habitat units	12683 Glossy Grass Skink, <i>Pseudemoia rawlinsoni</i>
	0.641	0.733 species habitat units	528553 Black-tailed Godwit, <i>Limosa limosa</i>
	0.484	0.663 species habitat units	500326 Marsh Saltbush, <i>Atriplex paludosa subsp. paludosa</i>
	0.486	0.664 species habitat units	500345 Grey Mangrove, <i>Avicennia marina subsp. australasica</i>
	0.484	0.663 species habitat units	500547 Thick-lip Spider-orchid, <i>Caladenia tessellata</i>

	0.484	0.663 species habitat units	500786 Leafy Twig-sedge, <i>Cladium procerum</i>
	0.483	0.663 species habitat units	501022 Robust Spider-orchid, <i>Caladenia valida</i>
	0.484	0.663 species habitat units	501369 Veiled Fringe-sedge, <i>Fimbristylis velata</i>
	0.484	0.663 species habitat units	501839 Creeping Rush, <i>Juncus revolutus</i>
	0.484	0.663 species habitat units	501888 Salt Lawrenzia, <i>Lawrenzia spicata</i>
	0.502	0.671 species habitat units	502390 Dune Wood-sorrel, <i>Oxalis rubens</i>
	0.495	0.668 species habitat units	502494 Woolly Waterlily, <i>Philydrum lanuginosum</i>
	0.484	0.663 species habitat units	502709 Maroon Leek-orchid, <i>Prasophyllum frenchii</i>
	0.484	0.663 species habitat units	503367 Metallic Sun-orchid, <i>Thelymitra epipactoides</i>
	0.482	0.662 species habitat units	503396 Ribbed Thryptomene, <i>Thryptomene micrantha</i>
	0.484	0.663 species habitat units	503625 Wavy Swamp Wallaby-grass, <i>Amphibromus sinuatus</i>
	0.560	0.697 species habitat units	503956 Coastal Greenhood, <i>Pterostylis alveata</i>
	0.484	0.663 species habitat units	504206 Purple Blown-grass, <i>Lachnagrostis punicea subsp. punicea</i>
	0.484	0.663 species habitat units	504222 Purple Blown-grass, <i>Lachnagrostis punicea subsp. filifolia</i>
	0.496	0.669 species habitat units	504537 Eastern Water-ribbons, <i>Cycnogeton microtuberosum</i>
	0.484	0.663 species habitat units	504643 Grey Billy-buttons, <i>Craspedia canens</i>
	0.484	0.663 species habitat units	504655 Pale Swamp Everlasting, <i>Coronidium gunnianum</i>
	0.496	0.669 species habitat units	505019 Lacey River Buttercup, <i>Ranunculus amplus</i>

	0.484	0.663 species habitat units	505337 Austral Crane's-bill, <i>Geranium solanderi</i> var. <i>solanderi</i> s.s.
	0.484	0.663 species habitat units	507144 Annual Fireweed, <i>Senecio glomeratus</i> subsp. <i>longifructus</i>

SCENARIO TESTING

Next steps

To protect native vegetation as an offset you must obtain a Native vegetation offset report from Department of Environment, Land, Water and Planning (DELWP). **This report IS NOT a *Native vegetation offset report*.**

Offset sites must meet eligibility criteria as outlined in the *Guidelines for the removal, destruction or lopping of native vegetation* and the *Native vegetation gain scoring manual, version 2* available on the DELWP website, and any other relevant requirements. Eligible offset sites that are intended to be banked or sold as credits must be registered on the Native Vegetation Credit Register (NVCR). A gain scoring assessment must be done before any offset can be registered on the NVCR. All proposed offset sites must be secured by a relevant security agreement that includes an offset management plan.

Once the extent of the proposed offset area is finalised, submit your data standard compliant shapefiles by email to ensymnvrtool.support@delwp.vic.gov.au for processing.

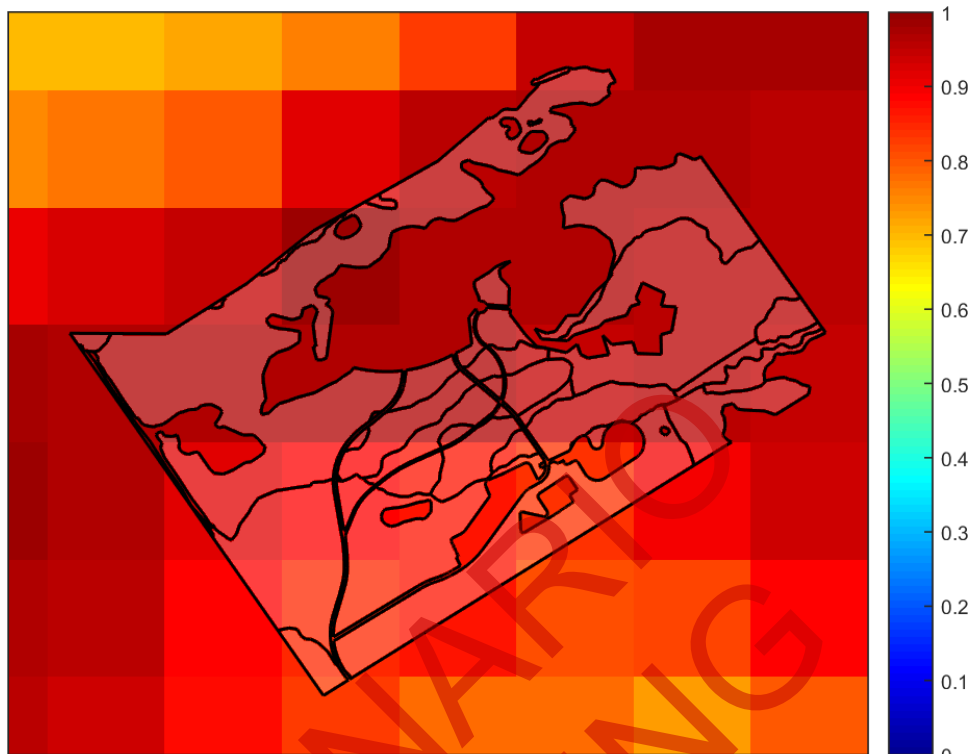
SCENARIO
TESTING

Appendix 1 – Images of marked native vegetation

1. Aerial photograph showing marked native vegetation

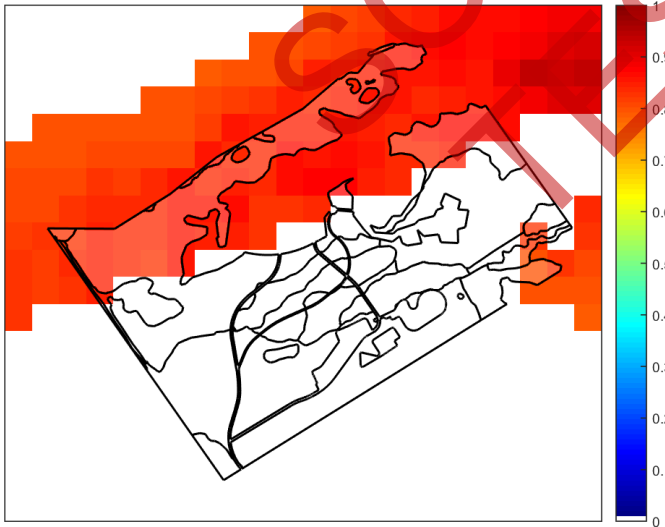
SCENARIO
TESTING

2. Strategic biodiversity value map

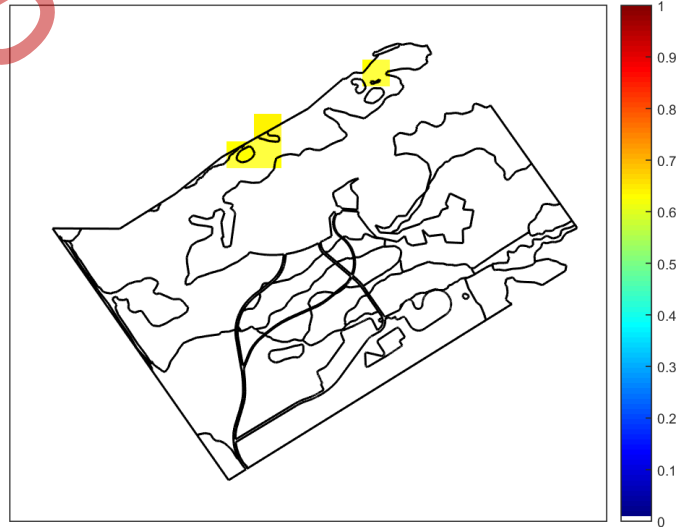


2. Habitat importance maps

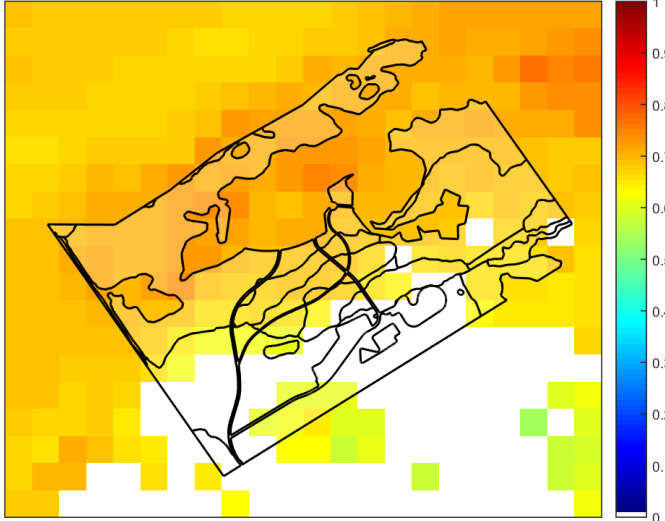
Ruddy Turnstone
Arenaria interpres
10129



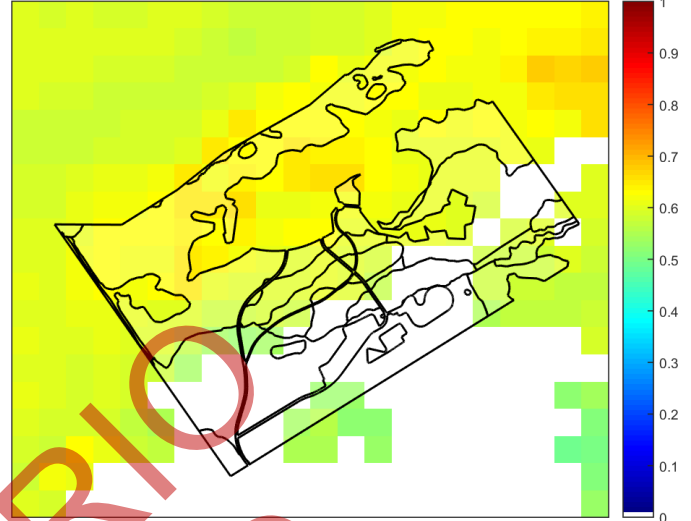
Grey Plover
Pluvialis squatarola
10136



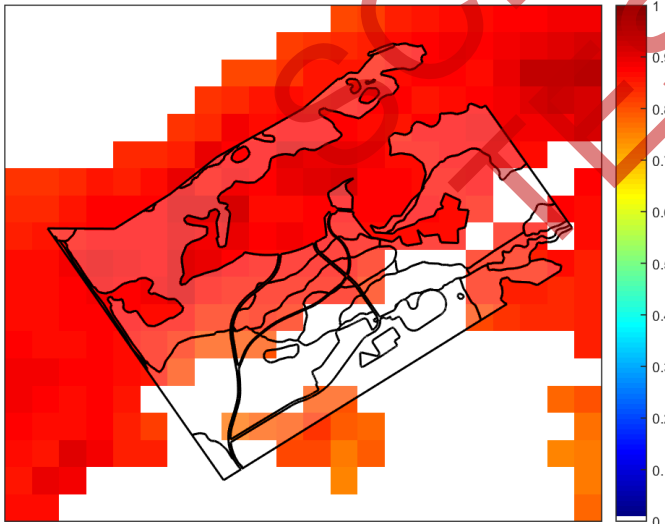
Pacific Golden Plover
Pluvialis fulva
10137



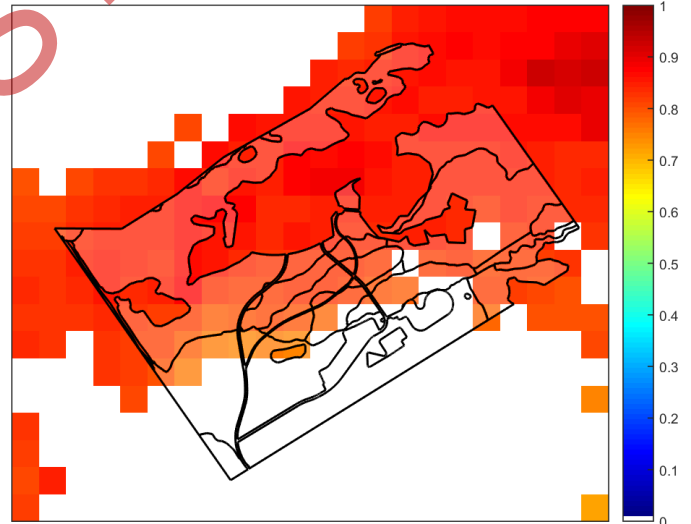
Eastern Curlew
Numenius madagascariensis
10149



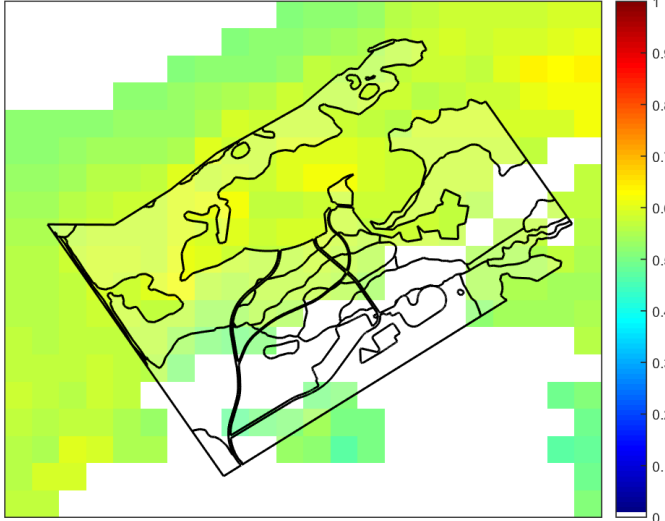
Whimbrel
Numenius phaeopus
10150



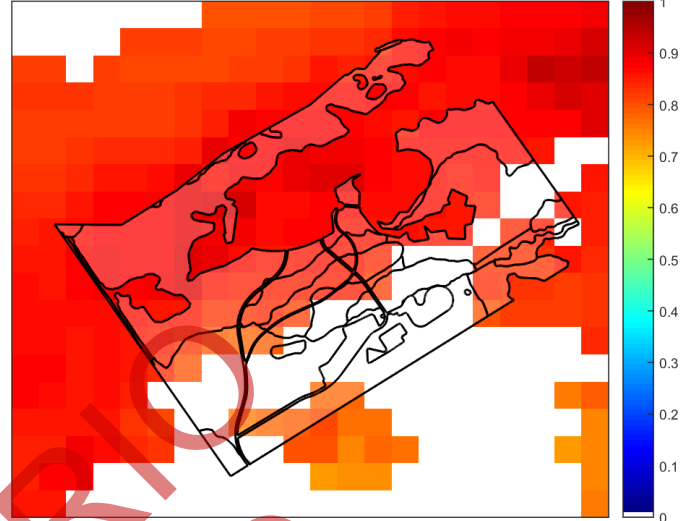
Grey-tailed Tattler
Tringa brevipes
10155



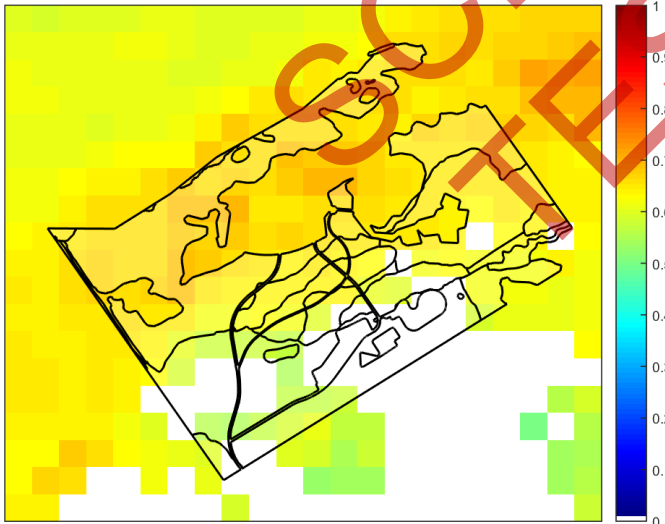
Common Sandpiper
Actitis hypoleucos
10157



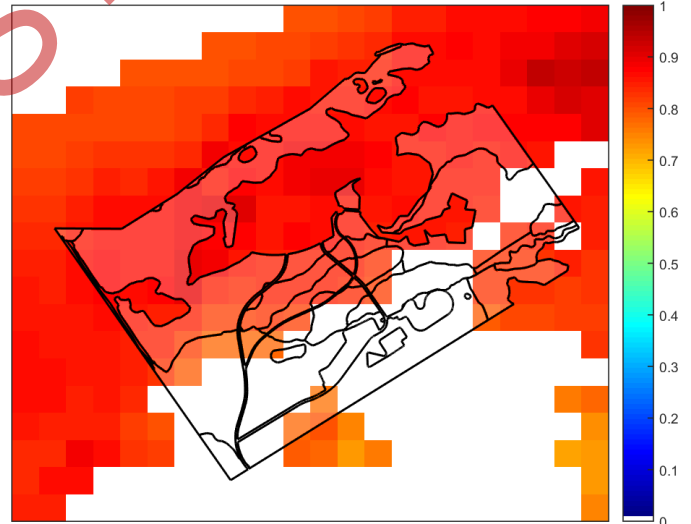
Common Greenshank
Tringa nebularia
10158



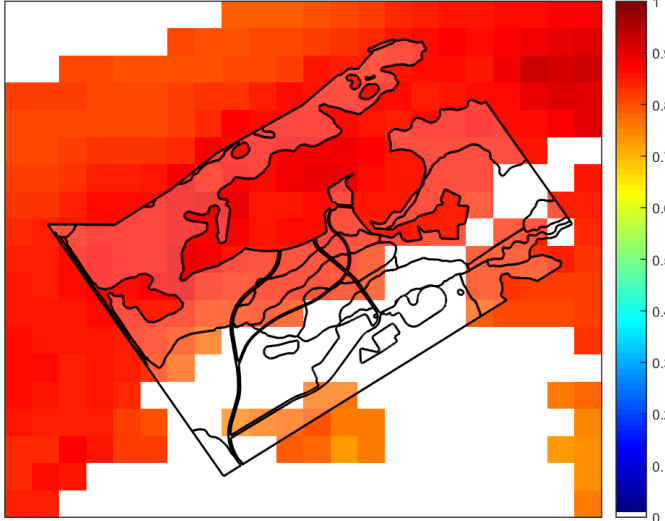
Marsh Sandpiper
Tringa stagnatilis
10159



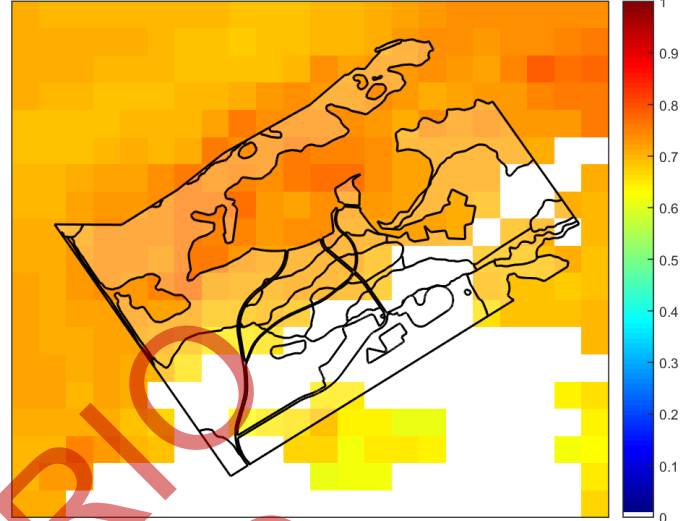
Red Knot
Calidris canutus
10164



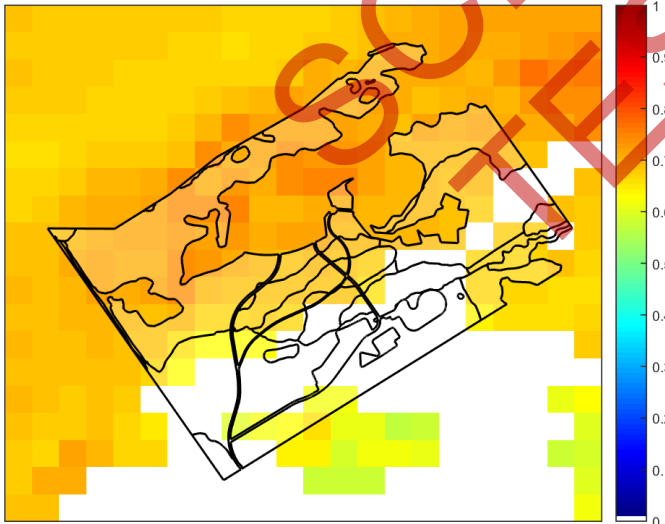
Great Knot
Calidris tenuirostris
10165



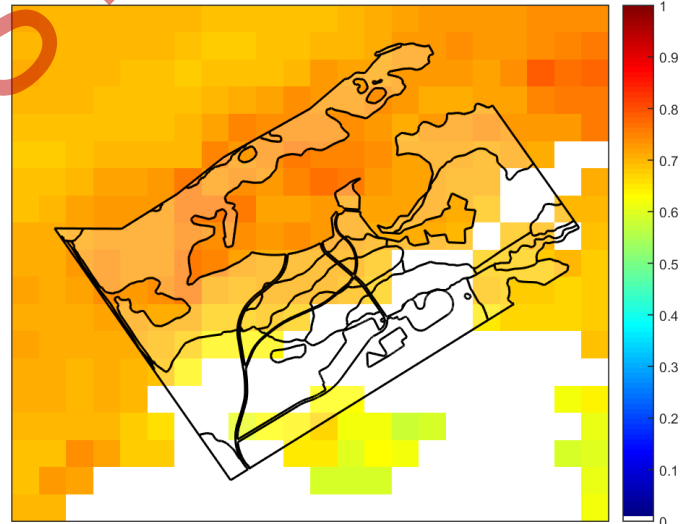
Australasian Shoveler
Anas rhynchos
10212



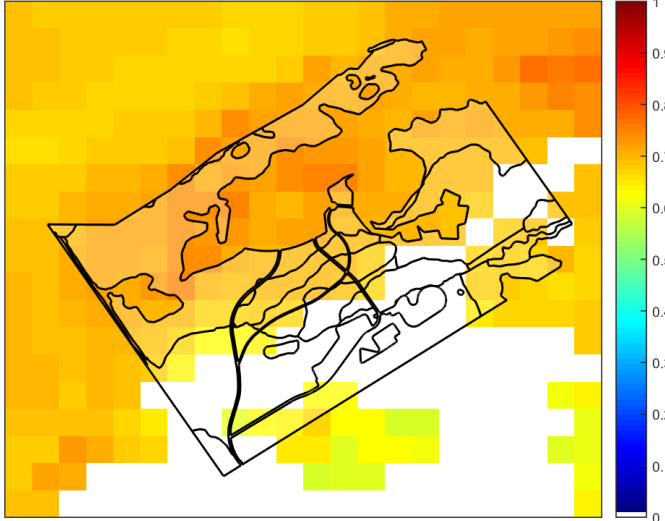
Freckled Duck
Stictonetta naevosa
10214



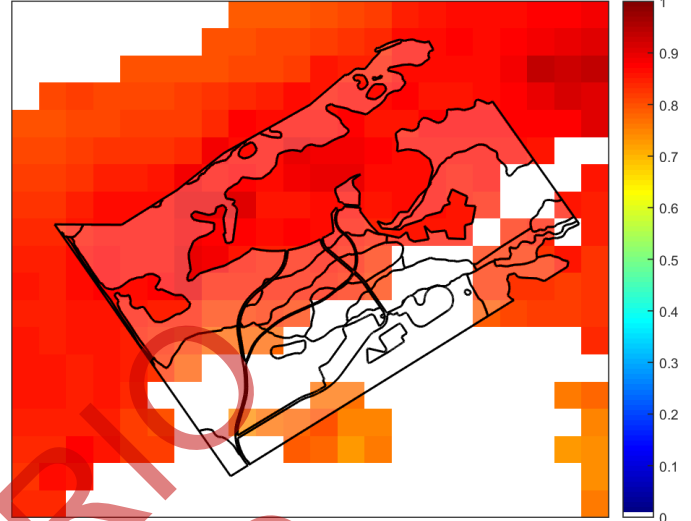
Blue-billed Duck
Oxyura australis
10216



Musk Duck
Biziura lobata
10217



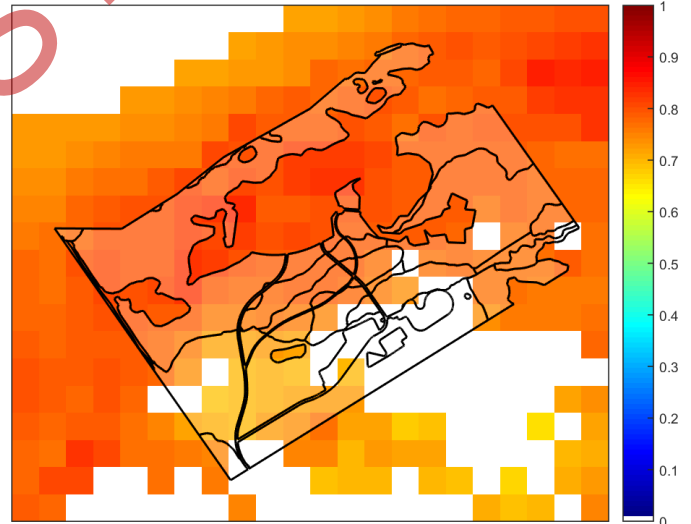
White-bellied Sea-Eagle
Haliaeetus leucogaster
10226



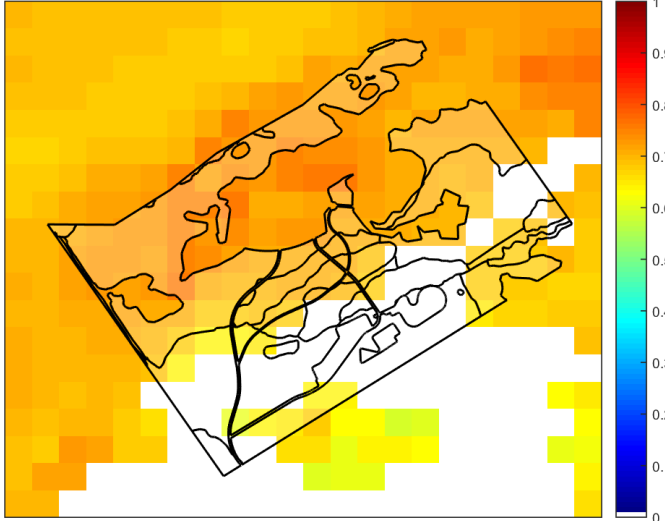
Tiny Arrowgrass
Triglochin minutissima
503446



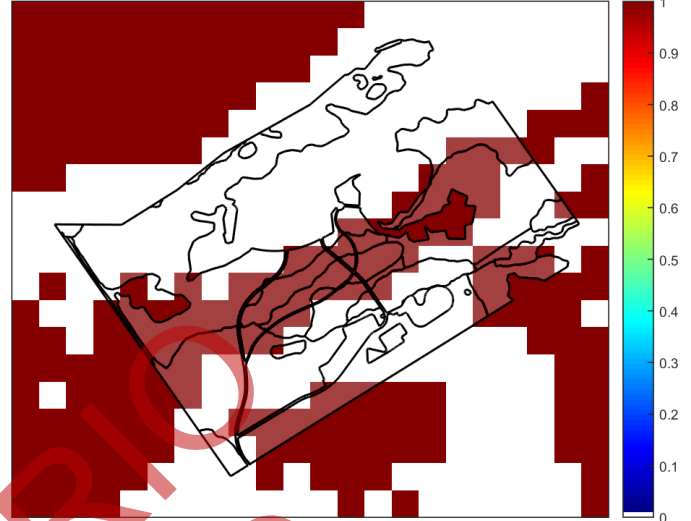
Lewin's Rail
Lewinia pectoralis pectoralis
10045



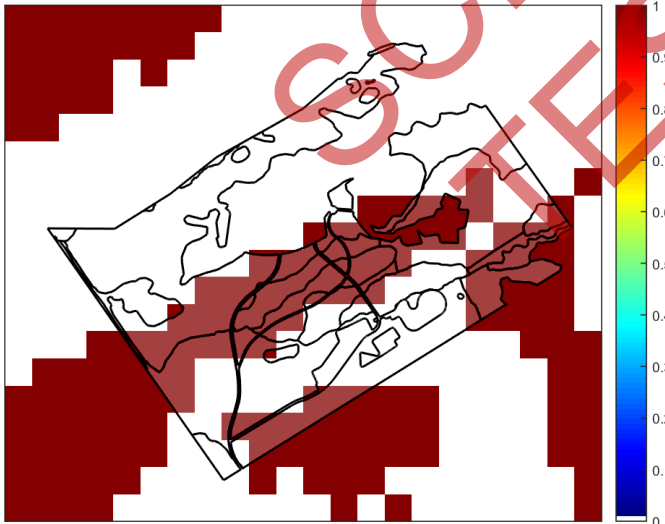
Baillon's Crake
Porzana pusilla palustris
10050



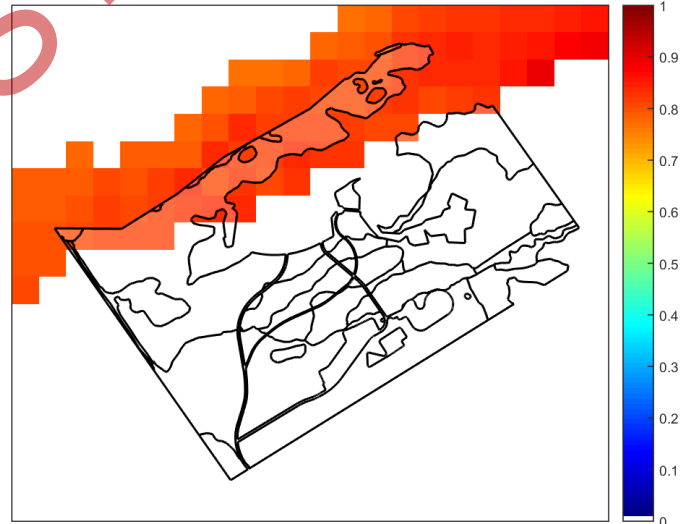
Little Tern
Sterna albifrons sinensis
10117



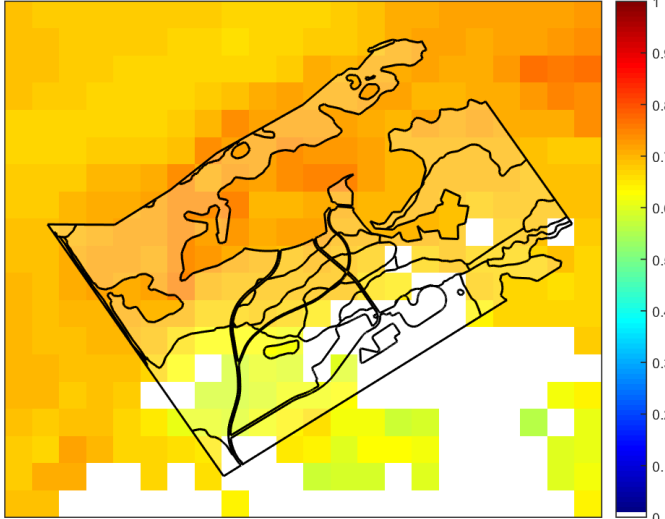
Fairy Tern
Sterna nereis nereis
10118



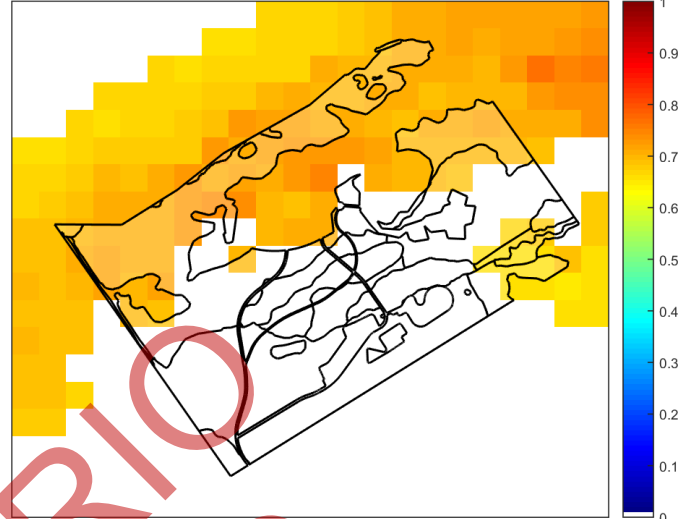
Hooded Plover
Thinornis rubricollis rubricollis
10138



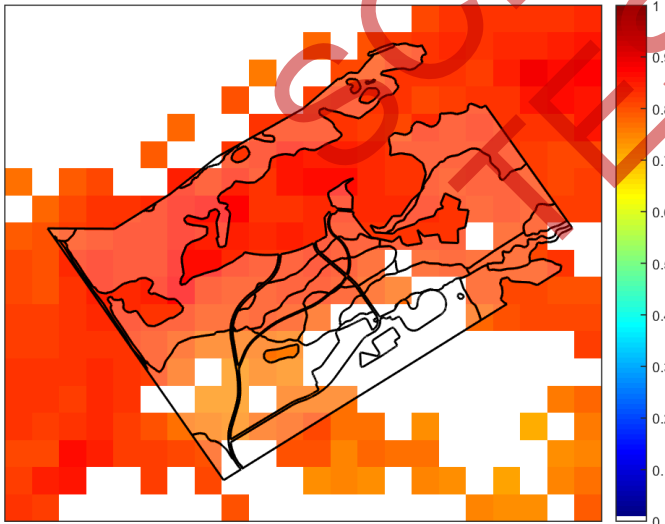
Lesser Sand Plover
Charadrius mongolus
10139



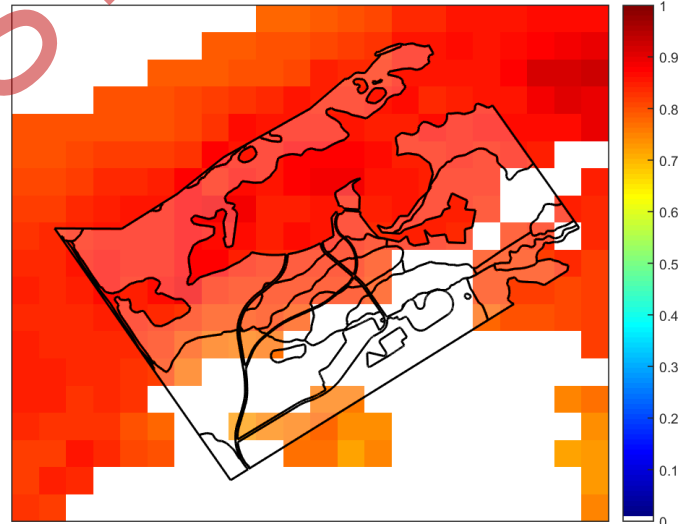
Greater Sand Plover
Charadrius leschenaultii
10141



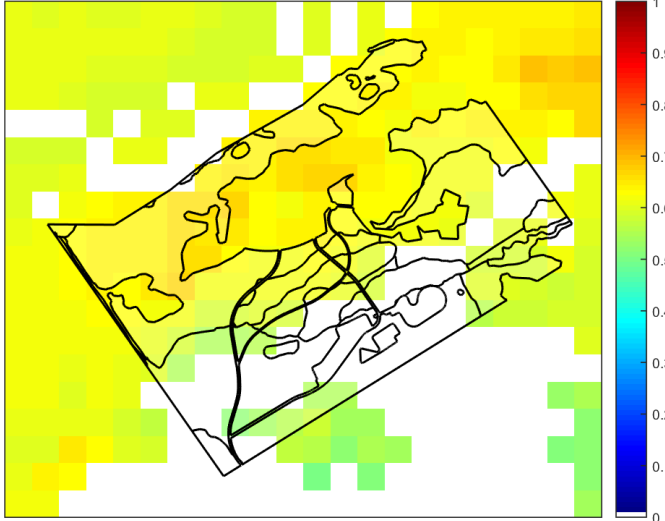
Terek Sandpiper
Xenus cinereus
10160



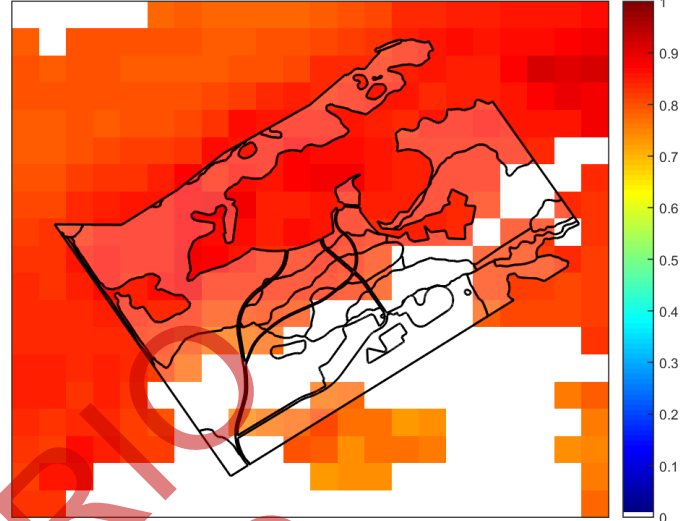
Curlew Sandpiper
Calidris ferruginea
10161



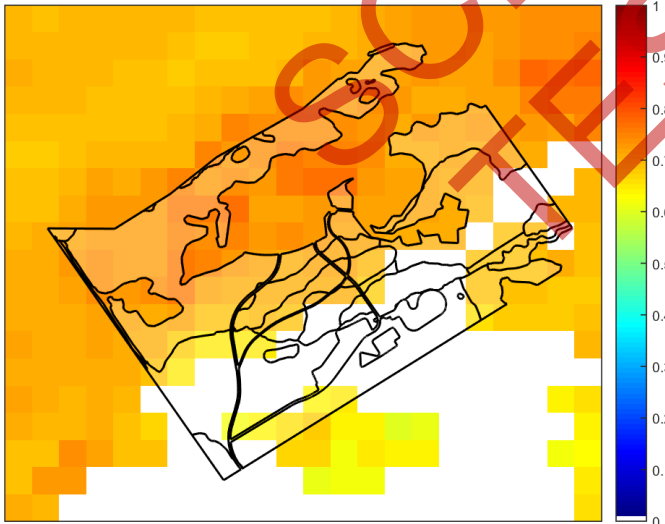
Australian Painted Snipe
Rostratula australis
10170



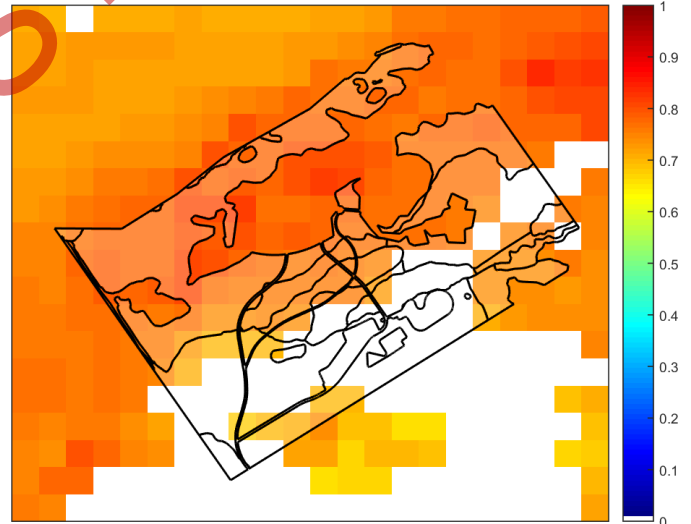
Little Egret
Egretta garzetta nigripes
10185



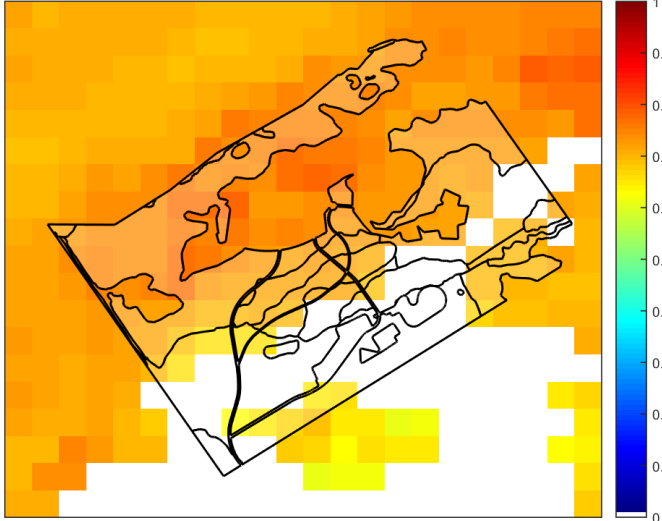
Intermediate Egret
Ardea intermedia
10186



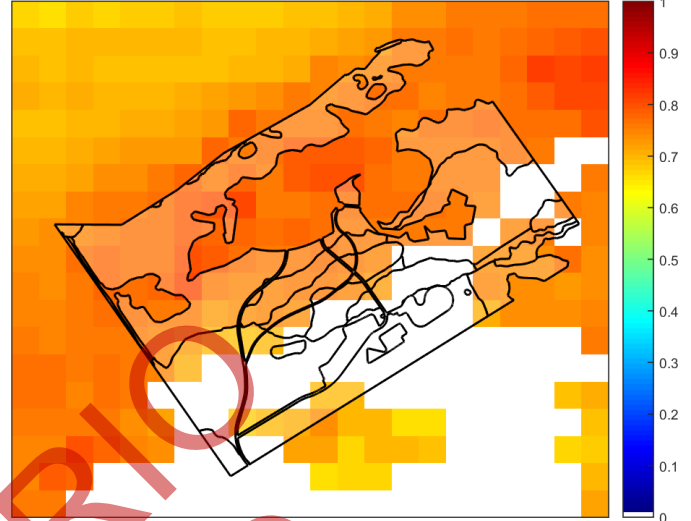
Eastern Great Egret
Ardea modesta
10187



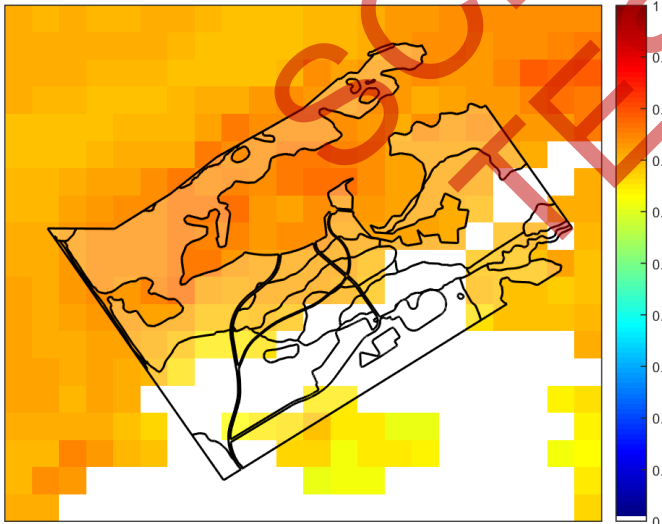
Australian Little Bittern
Ixobrychus dubius
10195



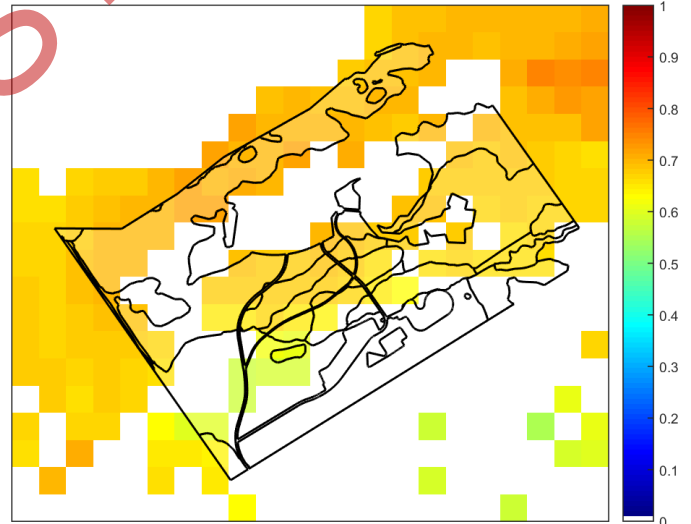
Australasian Bittern
Botaurus poiciloptilus
10197



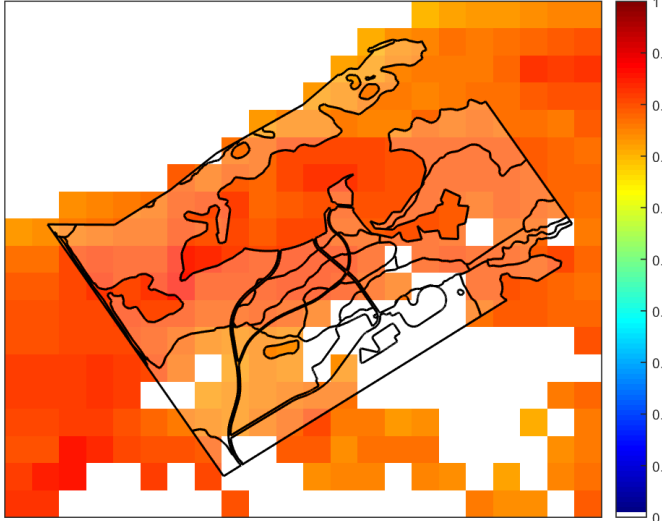
Hardhead
Aythya australis
10215



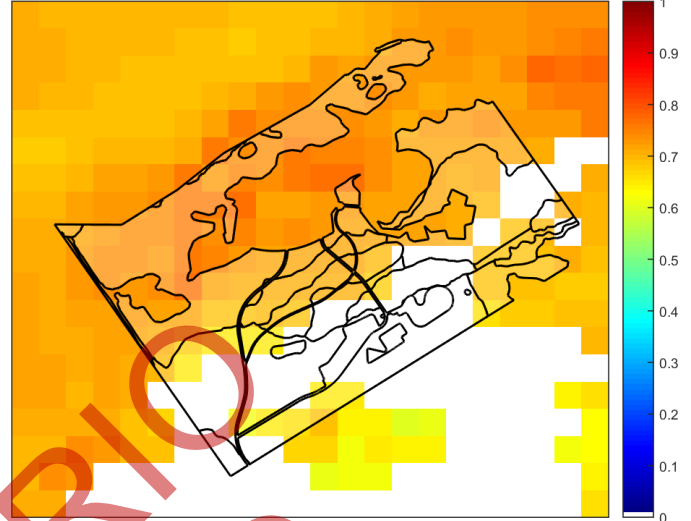
Elegant Parrot
Neophema elegans
10307



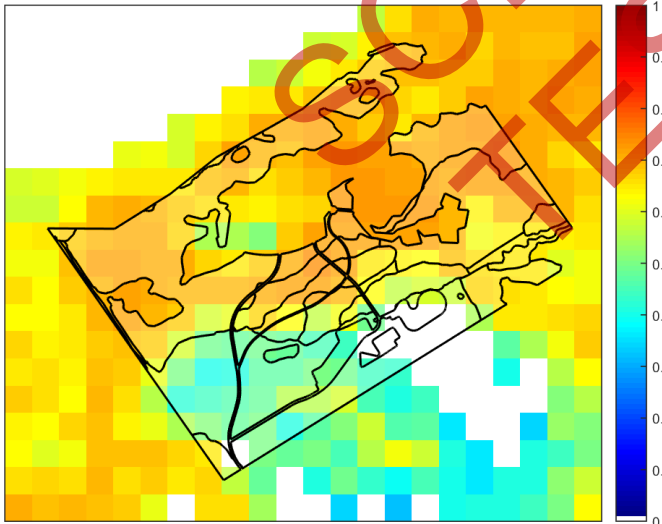
Glossy Grass Skink
Pseudemoia rawlinsoni
12683



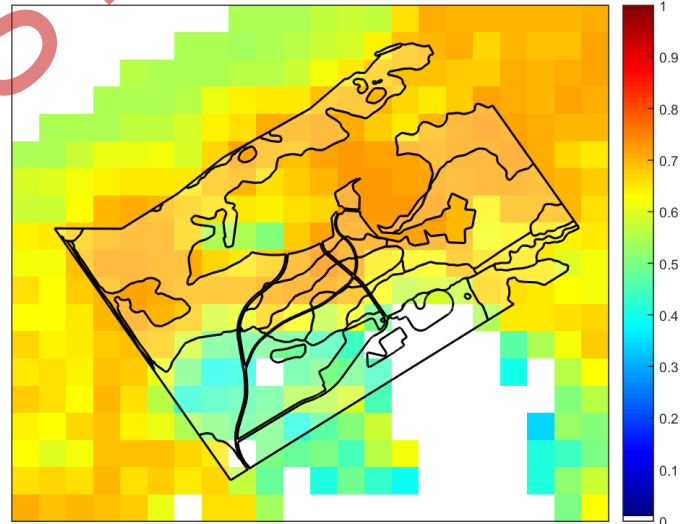
Black-tailed Godwit
Limosa limosa
528553



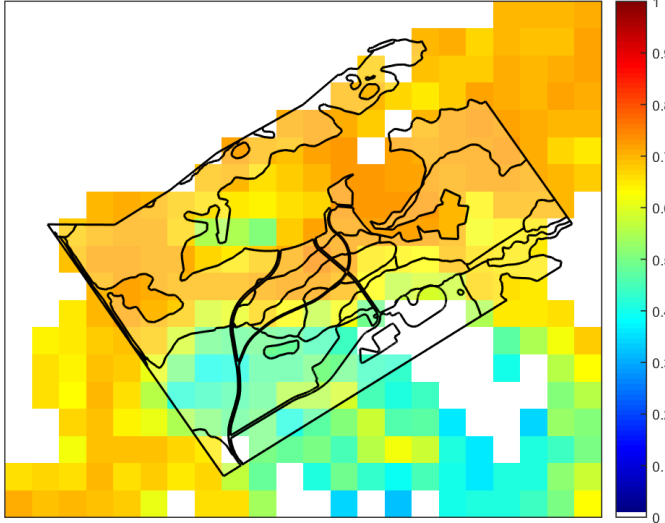
Marsh Saltbush
Atriplex paludosa subsp. paludosa
500326



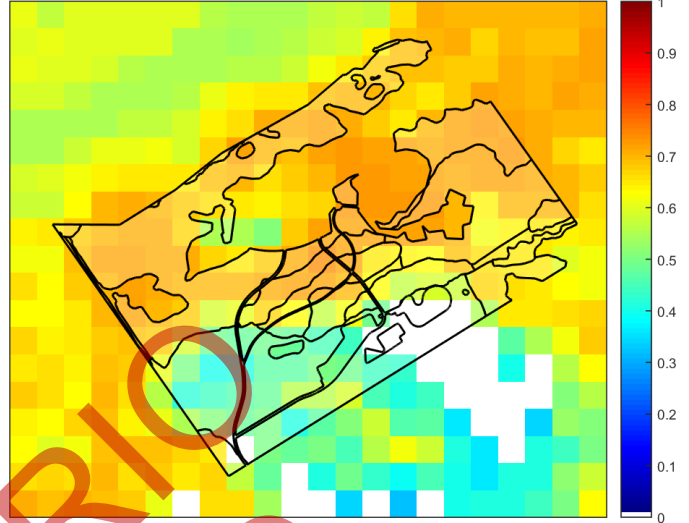
Grey Mangrove
Avicennia marina subsp. australasica
500345



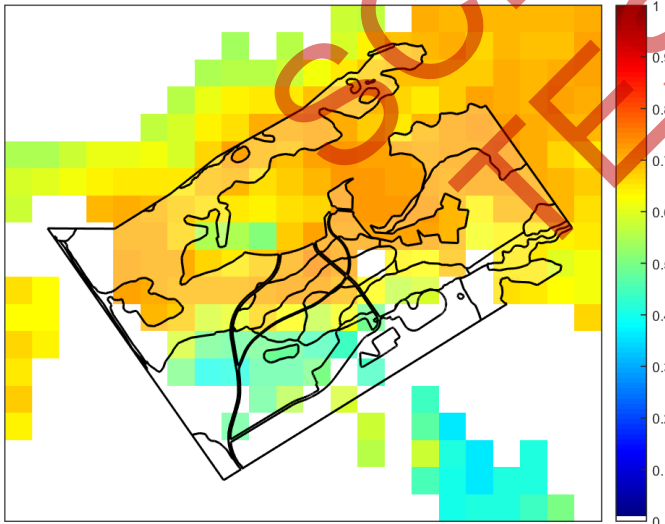
Thick-lip Spider-orchid
Caladenia tessellata
500547



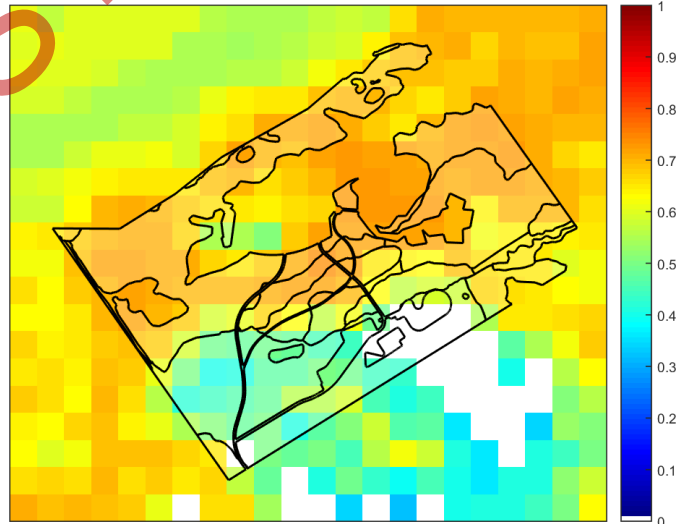
Leafy Twig-sedge
Cladium procerum
500786



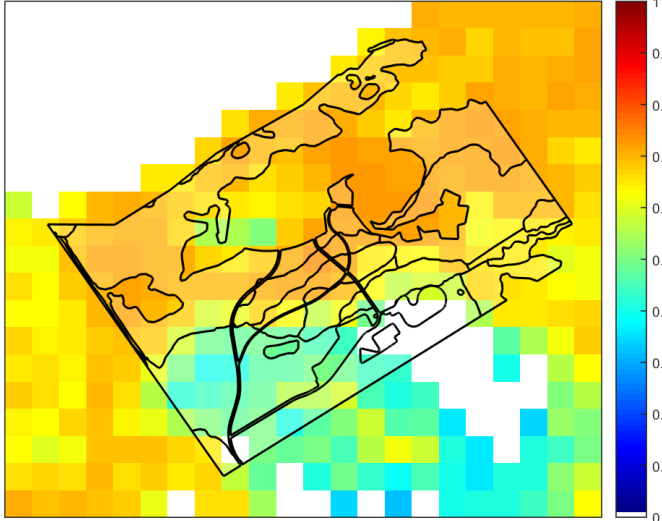
Robust Spider-orchid
Caladenia valida
501022



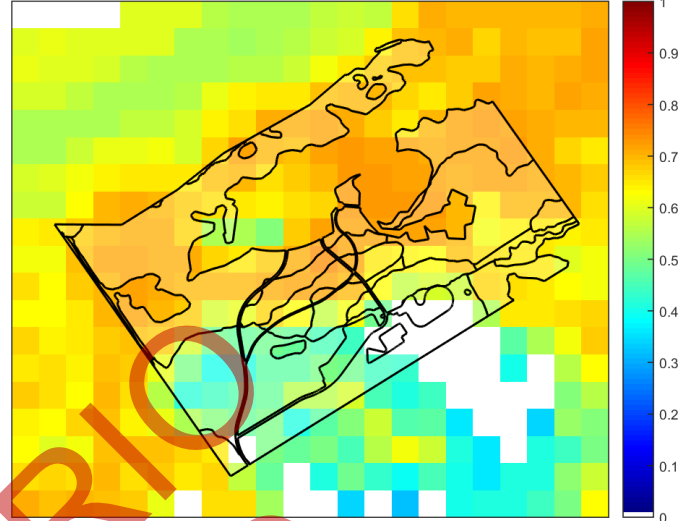
Veiled Fringe-sedge
Fimbristylis velata
501369



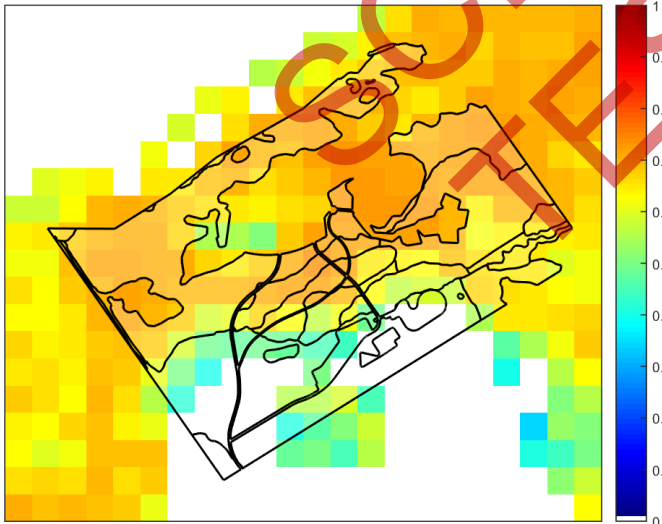
Creeping Rush
Juncus revolutus
501839



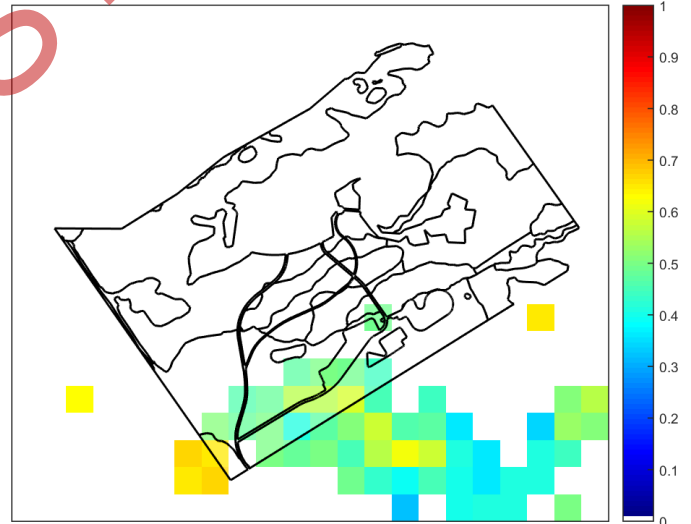
Salt Lawrenceia
Lawrenzia spicata
501888



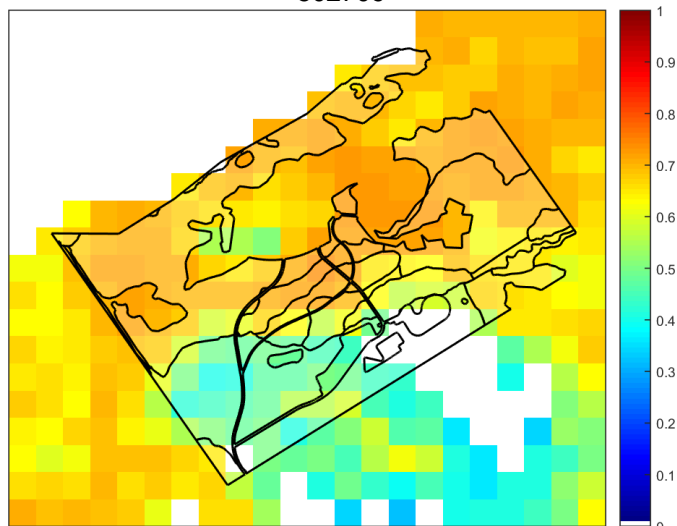
Dune Wood-sorrel
Oxalis rubens
502390



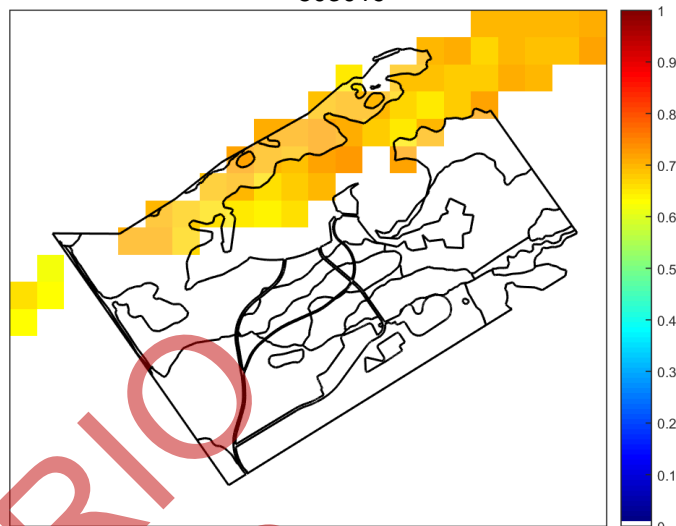
Woolly Waterlily
Philydrum lanuginosum
502494



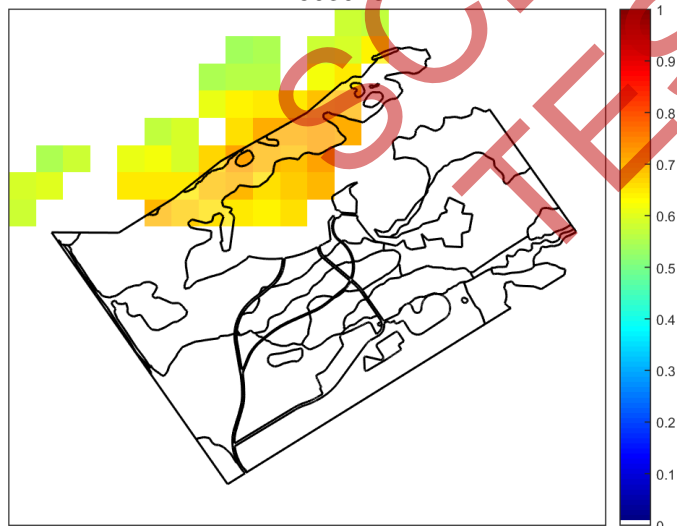
Maroon Leek-orchid
Prasophyllum frenchii
502709



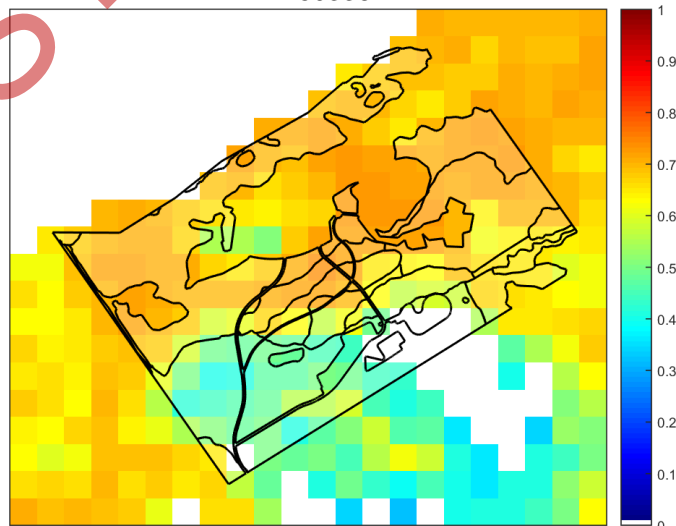
Dune Fan-flower
Scaevola calendulacea
503019



Beardless Bog-sedge
Schoenus imberbis
503046

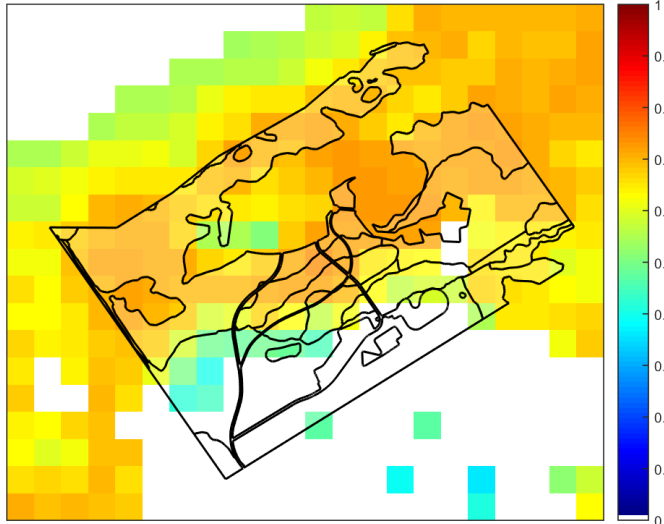


Metallic Sun-orchid
Thelymitra epipactoides
503367

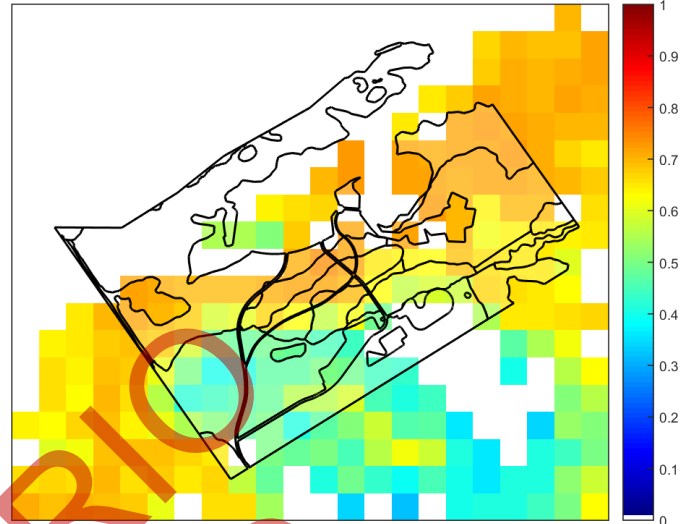


SCENARIO TESTING

Ribbed Thryptomene
Thryptomene micrantha
503396



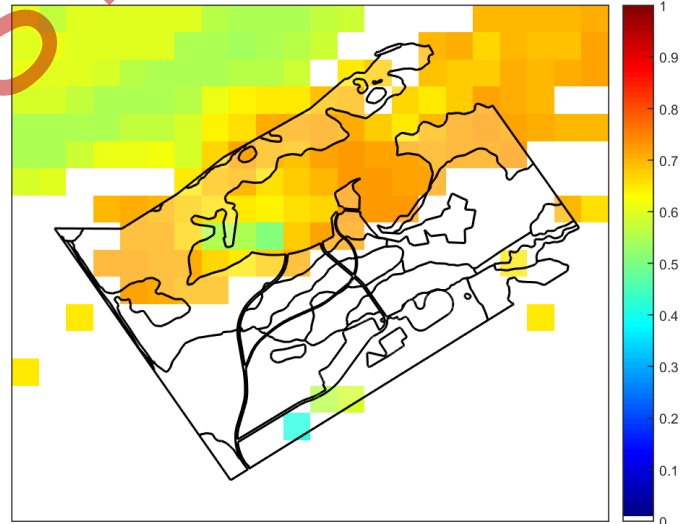
Wavy Swamp Wallaby-grass
Amphibromus sinuatus
503625



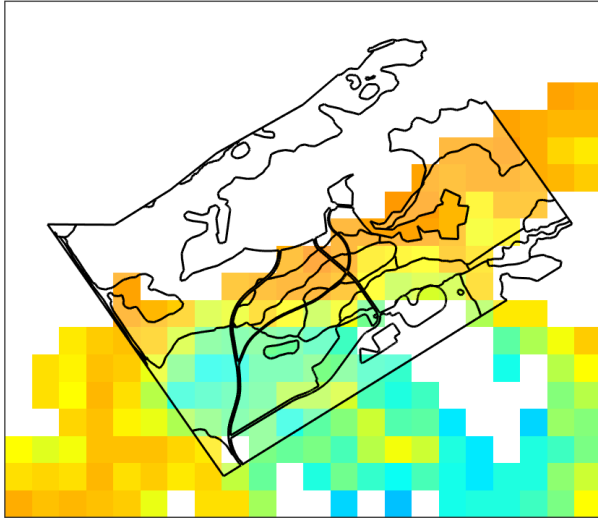
Bluish Pigface
Carpobrotus glaucescens
503663



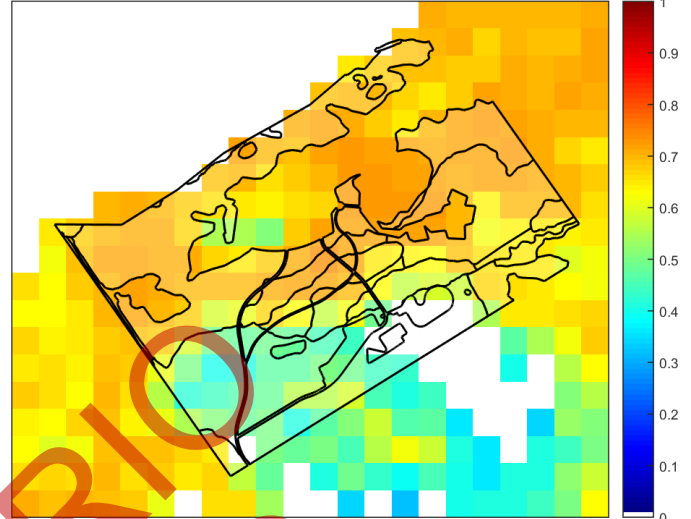
Coastal Greenhood
Pterostylis alveata
503956



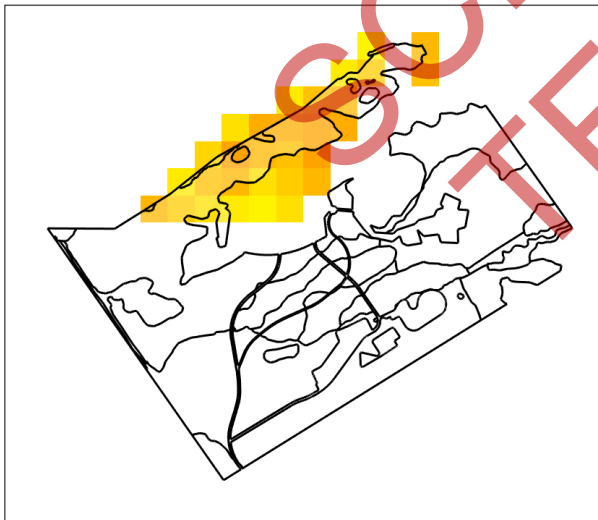
Purple Blown-grass
Lachnagrostis punicea subsp. *punicea*
504206



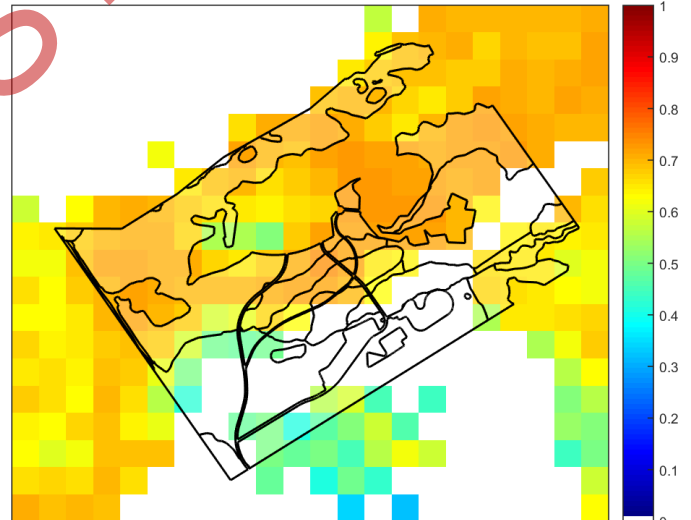
Purple Blown-grass
Lachnagrostis punicea subsp. *filifolia*
504222



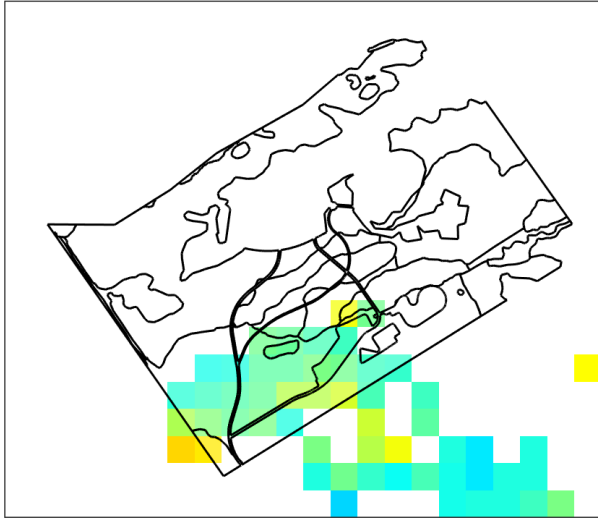
Gippsland Lakes Peppermint
Eucalyptus arenicola
504479



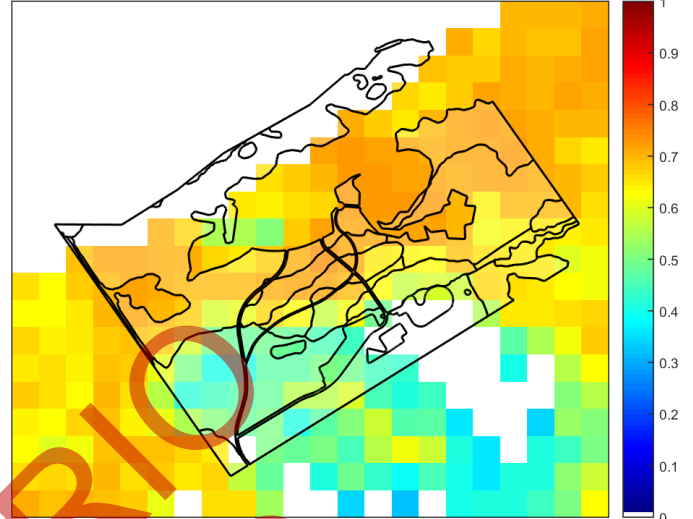
Eastern Water-ribbons
Cycnogeton microtuberosum
504537



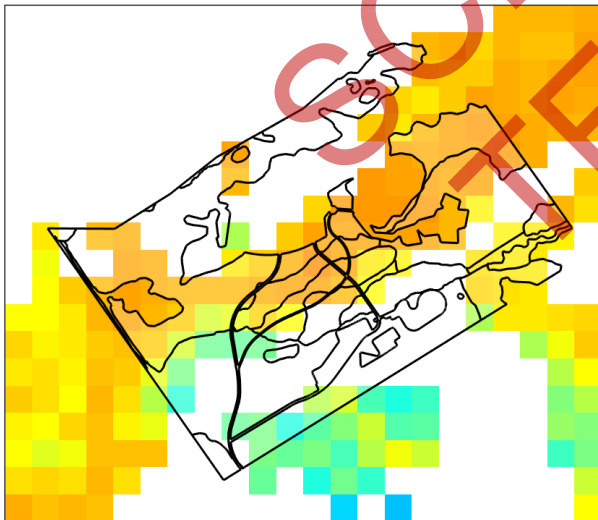
Grey Billy-buttons
Craspedia canens
504643



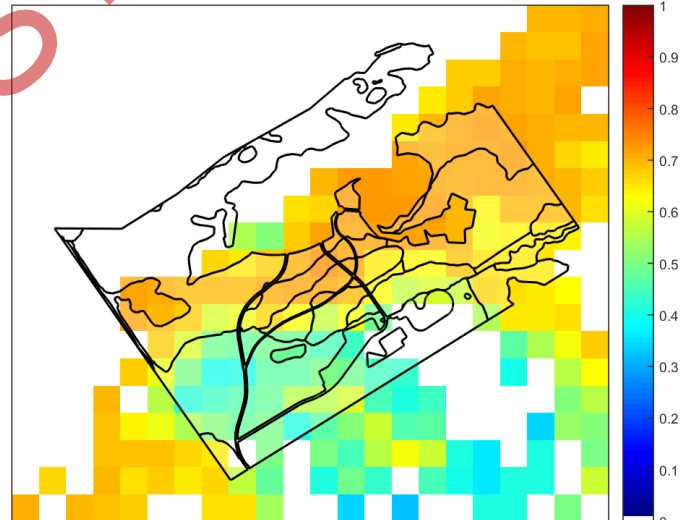
Pale Swamp Everlasting
Coronidium gunnianum
504655



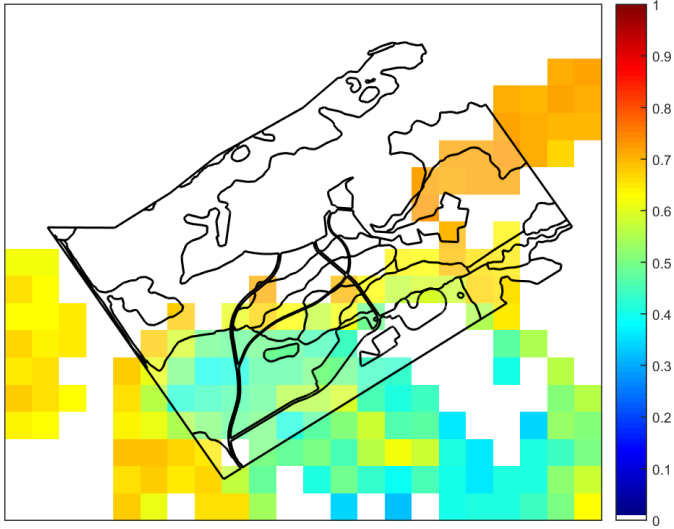
Lacey River Buttercup
Ranunculus amplus
505019



Austral Crane's-bill
Geranium solanderi var. *solanderi* s.s.
505337



Annual Fireweed
Senecio glomeratus subsp. *longifructus*
507144



SCENARIO TESTING

GLOSSARY

Alternate offset types	Offset types within a zone are alternates. The use of one offset type will result in the proportional reduction of all other offset types within the zone. Refer to <i>Native vegetation offset sites</i> fact sheet available on the DELWP website for more information.
Gain score	This is the site-assessed gain score for the native vegetation based on the agreed management and security commitments. Each zone in the proposed offset site is assigned a gain score according to the gain scoring assessment. The score is divided by 100 to give a number between 0 and 1.
General habitat units of gain	The general habitat units quantify the overall contribution that the protection and management of native vegetation at the offset site makes to Victoria's biodiversity. The general habitat units are calculated as follows: $\text{General habitat units} = \text{extent} \times \text{gain score} \times \text{general landscape factor}$
General landscape factor	The general landscape factor is the adjusted strategic biodiversity value (SBV) score. The SBV score is adjusted so that site-based biodiversity information has more influence on the number of units.
General offset attributes	The attributes of a general offset includes the location (Catchment Management Authority and Municipal District), strategic biodiversity value score and the number of large trees protected.
Offset type	There are two types of offsets, general offsets and species offsets. All offset sites include general offsets. Sites that are mapped as habitat for rare or threatened species can also include species offsets for the mapped species.
Species offset attributes	The attributes of a species offset is the mapped habitat for the species and the number of large trees protected.
Species habitat units of gain	The species habitat units quantify the overall contribution that the protection and management of native vegetation at an offset site makes to the habitat of the relevant rare or threatened species. Species habitat units are calculated for each species in the zone where the result of the threshold test is greater than 0.0025 per cent. Species units are calculated as follows:

$$\begin{aligned} \text{Species habitat units}_{\text{species } x} \\ = \text{extent} \times \text{gain score} \times \text{species landscape factor}_{\text{species } x} \end{aligned}$$

