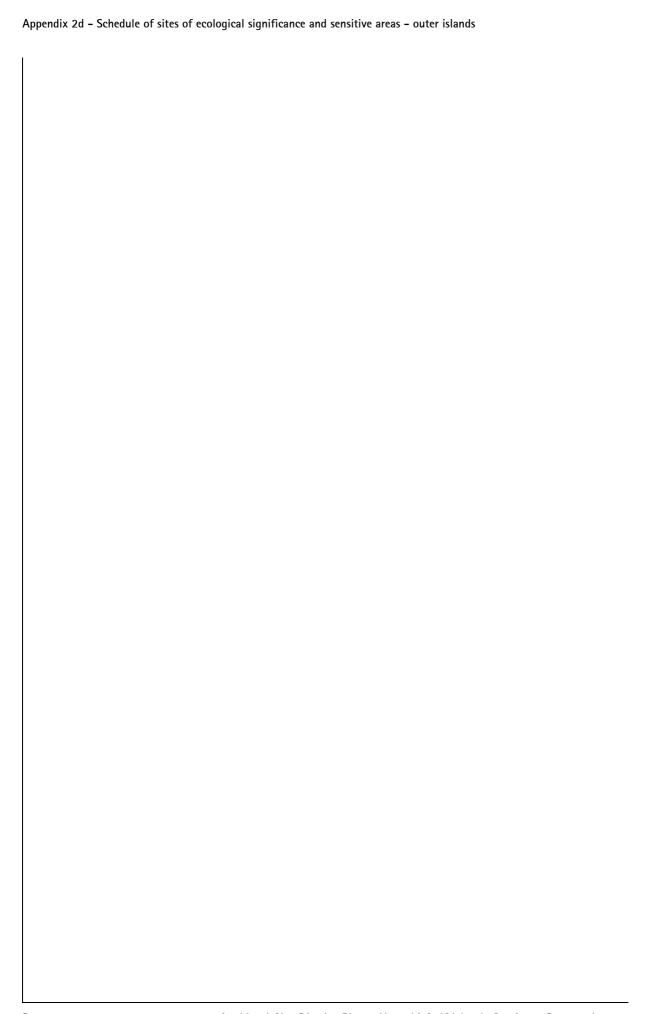
Appendix 2d Schedule of sites of ecological significance and sensitive areas – outer islands

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1.0 Introduction

This appendix contains key information about scheduled sites of ecological significance (also known as SESs) and sensitive areas.

Sites of ecological significance and sensitive areas are shown on the planning maps. Part 7 - Heritage contains the objectives, policies and rules applying to such sites.

Section 2.0 of this appendix contains a list of individual sites of ecological significance. Section 3.0 contains a list of the planning map reference numbers for the sensitive areas.

At the time of notification of the Plan the ecological values of the outer islands had not been reevaluated. The areas defined as sensitive areas and sites of ecological significance in the outer islands were therefore carried over from the previous district plan.

Some sites may include parts extending below mean high water springs (MHWS). Areas below MHWS fall within the jurisdiction of the Auckland Regional Council, and are therefore outside the jurisdiction of this Plan. Any areas below MHWS are indicative and are for information purposes only.

2.0 Sites of ecological significance

Planning map ref	Site	Principal trees, bush and wildlife
35-1	Aiguilles Island	Pasture returning to shrubland
35-2	Unnamed island off northern tip of Great Barrier	Coastal herbfield, shrub and pohutukawa forest. Extensive cultural sites.
37-1	Te Paparahi	Lowland podocarp broadleaf forest. Kauri, totara, miro, matai, tawa, taraire, puriri, rata, kohekohe, rewarewa, pohutukawa. Hochstetters frog, kaka, red crowned parakeet, shining cuckoo, Great Barrier skink.
40-1	Nelson Island	Rare and uncommon coastal plants.
41-1	Motairehe Bay and Swamp	Raupo. Brown teal, banded rail, spotless crake, bittern.
41-2	Rarohara Bay	Tidal stream, saltmarsh, mangroves and mudflats. Brown teal, penguin, banded rail, reef heron.
42-1	Mabeys Road Swamp	Manuka, raupo, cabbage tree, kahikatea. Fernbird and spotless crake.
42-2	Mabeys Farm Stream	Wetland sedges, and rush, pohutukawa. Brown teal.
42-3	Whangapoua Estuary	Mangrove, eelgrass, saltmarsh, kanuka, puriri, totara, kowhai, pingao. Brown teal, banded dotterel, New Zealand dotterel, migratory birds.
42-4	Okiwi School bush	Remnant podocarp forest. Totara, puriri, kowhai, kahikatea. Red crowned parakeet, Great Barrier skink.
44-1	Rakitu Island	Kanuka, manuka, pohutukawa, taraire, kohekohe. Land snail, lizards, pigeon, tui.
46-1	Broken Islands	Mainly pasture, coastal shrubs. Greyfaced petrel, gecko, fluttering, shearwater, gannet colony (Mahuki Island.)
46-2	Moturako Island (Saddle Island)	Fairy prion, fluttering shearwater, grey faced petrel, diving petrel.
47-1	Forestry Headquarters Bay	Tidal stream, mangroves, pasture. Banded rail, brown teal, reef heron, Great Barrier skink.
47-2	Kaiarara Bay	Tidal stream, mudflats, mangroves and saltmarsh
47-3	Kiwiriki Bay, Port Fitzroy	Mudflat, mangrove, saltmarsh. Great Barrier skink.
47-4	Wairahi Bay	Mudflat, mangroves, saltmarsh. Brown teal.
48-1	Great Barrier Forest	Advanced regenerating forest, mainly kauri/podocarp/ broadleaf. Significant rare plant species. Kauri, rimu, miro, totara, tawa, puriri, rata, taraire, pohutukawa. Black petrel colony, Cook's petrel, rifleman, pied tit, fernbird, Great Barrier skink, Hochstetter's frog and paua slug.
49-1	Harataonga	Kauri/broadleaf forest, kanuka.
50-1	Overton's Beach	Stream and pasture, coastal dunes. Puriri, pohutukawa. Brown teal, pigeon.

Stream margins, pasture, kanuka, manuka. Brown teal, banded rail.	Planning map ref	Site	Principal trees, bush and wildlife
Brown teal, banded rail. Te Ahumata Serpentine soil. Manuka, pohutukawa, towai. Black petrel, skink. Saupo, sedges, manuka, cabbage tree, kahikatea. Brown teal, banded rail, bittern, fernbird. Sedge, raupo, manuka. Spottess crake, fernbird. Sedge. Claris South Swamp Manuka, raupo, sedge. Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. Sedges, raupo, manuka, pasture, rush. Brown teal. Sedges, raupo, sedge. Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. Sedges, raupo, sedges. Tidal stream and wetlands. Manuka, raupo, sedges, cabbage tree. Brown teal. Stream margins, sedges, manuka, kanuka. Brown teal Stream margins, sedges, manuka, kanuka. Brown teal Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. Tryphena Stream Tidal stream and pasture. Brown teal, skink. Serpential stream and pasture. Brown teal, skink. Tore components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest of manuka and kanuka. (Refer NZMS 260 series wegetation map). Remnants of coastal forest and open coastal cliff communities along the coastiline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	50-2	Awana Valley	
Black petrel, skink. Kaitoke Swamp and Creek Brown teal, banded rail, bittern, fernbird. Grandstand Swamp Sedge, raupo, manuka. Spottess crake, fernbird. Claris South Swamp Manuka, raupo, sedge. Blackwell's Creek Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. Sugarloaf Creek Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. Saltwater Creek (Oruawharo Stream) Stream Brown teal. Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. Tryphena Stream Lizard species. Southern Forests Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island up to the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastiline. The ecological sequence of the older forest maintaining connections to the coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	53-1	Whangaparapara Harbour	= ,
Brown teal, banded rail, bittern, fernbird. 54-2 Grandstand Swamp Sedge, raupo, manuka. Spotless crake, fernbird. 54-3 Claris South Swamp Manuka, raupo, sedge. 55-1 Blackwell's Creek Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. 55-2 Sugarloaf Creek Tidal stream and wetlands. Manuka, raupo, sedges, cabbage tree. Brown teal. 55-3 Saltwater Creek (Oruawharo Stream) Brown teal 56-1 Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. 57-1 Tryphena Stream Tidal stream and pasture. Brown teal, skink. 57-2 Shoal Bay Stream Lizard species. 57-3 Southern Forests Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	53-2	Te Ahumata	
Spotless crake, fernbird. 54-3 Claris South Swamp Manuka, raupo, sedge. 55-1 Blackwell's Creek Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. 55-2 Sugarloaf Creek Tidal stream and wetlands. Manuka, raupo, sedges, cabbage tree. Brown teal. 55-3 Saltwater Creek (Oruawharo Stream) Stream margins, sedges, manuka, kanuka. Brown teal 56-1 Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. 57-1 Tryphena Stream Tidal stream and pasture. Brown teal, skink. 57-2 Shoal Bay Stream Lizard species. 57-3 Southern Forests Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliffs communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	54-1	Kaitoke Swamp and Creek	
55-1 Blackwell's Creek Tidal stream and wetlands. Manuka, pasture, rush. Brown teal. 55-2 Sugarloaf Creek Tidal stream and wetlands. Manuka, raupo, sedges, cabbage tree. Brown teal. 55-3 Saltwater Creek (Oruawharo Stream) Stream margins, sedges, manuka, kanuka. Brown teal 56-1 Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. 57-1 Tryphena Stream Tidal stream and pasture. Brown teal, skink. 57-2 Shoal Bay Stream Lizard species. 57-3 Southern Forests Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	54-2	Grandstand Swamp	
Brown teal. 55-2 Sugarloaf Creek Tidal stream and wetlands. Manuka, raupo, sedges, cabbage tree. Brown teal. 55-3 Saltwater Creek (Oruawharo Stream) Stream margins, sedges, manuka, kanuka. Brown teal 56-1 Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. 57-1 Tryphena Stream Tidal stream and pasture. Brown teal, skink. 57-2 Shoal Bay Stream Lizard species. 57-3 Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal offsets or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	54-3	Claris South Swamp	Manuka, raupo, sedge.
tree. Brown teal. Saltwater Creek (Oruawharo Stream) Stream margins, sedges, manuka, kanuka. Brown teal Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. Tidal stream and pasture. Brown teal, skink. Tolal stream and pasture. Brown teal, skink. Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	55-1	Blackwell's Creek	•
(Oruawharo Stream) Brown teal Tryphena Forest Taraire, tawa, kohekohe, rewarewa, rata, puriri, rimu. Kaka, parakeet, Great Barrier skink, paua slug. Tryphena Stream Tidal stream and pasture. Brown teal, skink. Tore components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	55-2	Sugarloaf Creek	tree.
Kaka, parakeet, Great Barrier skink, paua slug. Tryphena Stream Tidal stream and pasture. Brown teal, skink. Shoal Bay Stream Lizard species. Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	55-3		
Brown teal, skink. 57-2 Shoal Bay Stream Lizard species. 57-3 Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	56-1	Tryphena Forest	
Southern Forests Core components: Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	57-1	Tryphena Stream	·
Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves, covenanted areas).	57-2	Shoal Bay Stream	Lizard species.
60-1 Cape Barrier Forest Coastal forest, pohutukawa, puriri.	57-3	Southern Forests	Low altitude podocarp/broadleaf forest which runs in more or less a connected strip from the southern part of the island up to Tryphena scenic reserve. This is the older forest in this part of the island and has been less affected by modification in the past. This core strip of forest is surrounded by younger regenerating forest of manuka and kanuka. (Refer NZMS 260 series vegetation map). Remnants of coastal forest and open coastal cliff communities along the coastline. The ecological sequence of the older forests maintaining connections to the coastal edge, ie where podocarp/ broadleaf forests run into coastal forests or coastal cliffs. Potentially rated sites of special wildlife habitat. Existing protected areas within this SES, (eg reserves,
	60-1	Cape Barrier Forest	Coastal forest, pohutukawa, puriri.

3.0 Sensitive areas – outer islands

All the sensitive areas listed below are located on Great Barrier.

Planning
map ref.
40-2
41-3
41-4
41-5
41-6
41-7
41-8
41-9
41-10
41-11
41-12
41-13
41-14
42-5
42-6
42-7
42-8
42-9
49-2
49-3
50-3
50-4
53-3

Planning map ref.
53-4
54-4
54-5
54-6
54-7
54-8
55-5
55-6
55-7
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57-11
60-2
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