

Bay of Plenty
Conservancy

Schedule of Sites of
Significant Conservation
Value.

WESTERN BAY OF
PLENTY

Volume 2 B (U14/110 - V15/9)



Bay of Plenty
Conservancy

DRAFT

Schedule of Sites of Significant Conservation Value

WESTERN BAY OF PLENTY

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Volume 2b (U14/110 - V15/9)

INFOVISION #

01655

Bay of Plenty Conservancy District Council Schedule Series No. 01
Unpublished

Prepared for:
Department of Conservation • Te Papa Atawhai
Rotorua.



SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/110

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine and freshwater wetland

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WBOPDC Map: E6

Name: Waipapa Estuary

Area:

Protection Status: Unprotected except for esplanade reserve along the river.

Map Series: NZMS260

Grid Reference: 756 903

Aerial photo no: 170715

Date Flown:

Landform: Streambanks, flats and escarpment.

Habitat Description:

Wetland located in upper reaches of Waipapa Estuary, alongside Waipapa River, above railway bridge. Wetland has a wide variety of vegetation types dominated by oioi sedgeland (70% of area) with a mixed mosaic of searush sedgeland, mangrove shrubland, raupo reedland, manuka scrubland, marsh ribbonwood scrub, *Olearia solandri* scrub, flaxland, grey willow forest, toetoe grassland, *Baumea* sp. sedgeland, *Cyperus ustulatus* and *Isolepis cernua* sedgeland. Adventive plants are scattered throughout the wetland margins. They include gorse, bracken, woolly nightshade, blackberry, pampas and wilding pines. Steep faces on northern side have regenerating forest.

The banded rail and North Island fernbird are present at this site.

(Source: Owen, 1993a).

Vegetation also mapped and described in Beadel (1992a) and described in Beadel (1993).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value. This site contains a representative, relatively large area of high quality oioi sedgeland inland from the main harbour adjacent to a tidal stream. It was identified as a Category one area in Beadel (1992a). (Source: Beadel, 1993).

Wildlife: Assessed as having high wildlife habitat values for wildlife. (Owen, 1993a).

Other: Natural character and water and soil values.

THREATS AND REMARKS:

see Owen (1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

LANDOWNER VISITS:

1. P. Altham, 24 Pahoia Road. Legal Description: Lot 2 DPS 54678. Visited by V. Froude (DOC), B. Hawkins (WBOPDC) on 8.8.94.

Outcome of visit:

Site boundaries amended.

Agreements between WBOPDC and Landowners:

1. Altham: The site excludes the steep hill-faces on the Altham property except for the area of regenerating indigenous forest near the northern boundary of the property. (see map E6).

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/111

Date of completion: 2.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Apata Estuary

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 745 912

Aerial photo no: 170731

Date Flown: 24.3.93

Landform:

Habitat Description:

A large, good quality mangrove stand with relatively narrow areas of saltmarsh along the margins (Oioi sedgeland, searush tussockland, local freshwater wetlands, Raupo reedland and willow forest. (Source: Beadel, 1992a).

Vegetation is mapped in Beadel (1992a) and described in Owen (1993a) and Beadel (1993).

The Australasian bittern, banded rail and NI fernbird are present in this site. (Owen, 1993a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value for reason in above habitat description. (Beadel, 1993).

Wildlife: The larger part of the site being Apata estuary is assessed as having outstanding wildlife habitat quality for marshbirds and the rest of site is assessed as having moderate habitat quality for marshbirds. (See Owen, 1993a).

Other:

THREATS AND REMARKS:

See (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/112

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Islet vegetation

Name: Opureora Islet

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 826 938

Aerial photo no:

Date Flown:

Landform: Islet

Habitat Description:

Small unnamed islet near Opureora Settlement, Matakana Island. Islet vegetation dominated by searush sedgelands (75%) with oioi sedgelands and marsh ribbonwood scrub. On higher ground mixed associations of manuka scrub and *Olearia solandri* scrub can be found with localised *Stipa stipoides* grassland, gorse, wattle, red mapou, blackberry, *Carmichaelia arborea*, cabbage tree, *Coprosma robusta*, tree tobacco and pohutukawa vegetation.

The North Island banded rail is present at this site.

(Source: Owen, 1993a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the Tauranga Harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

REFERENCES:

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17.
Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/113

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Opureora Inlet

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 820 935

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Small, narrow tidal inlet near Opureora settlement. Inlet has a narrow band of searush sedgelands around its margins with limited areas of oioi sedgelands and marsh ribbonwood shrub and occasional *Cyperus ustulatus*, manuka scrub, cabbage tree, grey willow forest and wattle. Tree tobacco, blackberry and pampas are found around wetland edge.

The NI Fernbird is found at this site.

(Source: Owen, 1993a).

Vegetation mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality larger examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, per comm).

Wildlife: Assessed as having moderate wildlife habitat values for marshbirds. (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/114

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Waiherehere road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 821 959

Aerial photo no: 170749

Date Flown: 4.2.93

Landform:

Habitat Description:

Narrow inlet, with estuarine vegetation, near Hunters Creek. A shallow band of *Schoenoplectus pungens* sedgelands with mixed searush and oioi sedgelands merging into a mixed association of marsh ribbonwood scrub, manuka scrub, cabbage tree, raupo reedland, tree fern and wilding pines. Further inland a freshwater wetland gully comprises dense grey willow forest with an understorey dominated by *Baumea* sp. sedgeland, Spanish heath scrub, *Coprosma robusta*, *Coprosma tenuicaulis*, blackberry, *Blechnum* "blackspot" and emergent cabbage trees.

The banded rail is present at this site.

(Source: Owen, 1993a).

Vegetation mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Not ranked.

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds. (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/115

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: sandspit and saltmarsh vegetation.

Name: Tahunanmau Spit

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 803 948

Aerial photo no: 170729

Date Flown: 4.2.93

Landform:

Habitat Description:

Small tidal area of saltmarsh on the inland side of a narrow sandspit near Tahunamanu Island, Matakana Island. Saltmarsh comprises of searush and oioi sedgeland, marsh ribbonwood scrub and a herbfield dominated by *Triglochin striata* and *Cotula coronopifolia*. Sandspit has local areas of *Carex pumila* sedgeland, New Zealand iceplant, *Cotula coronopifolia*, *Stipa stipoides*, searush and gorse.

(Source: Owen, 1993a).

Vegetation mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Not ranked.

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds. (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation.
Report prepared for Bay of Plenty Regional Council,
Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat
Survey, Vol 2, Technical Report Series No.17.
Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/116

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Blue Gum Bay 1

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 816 977

Aerial photo no: 170754 & 170753

Date Flown: 4.2.93

Landform:

Habitat Description:

Extensive estuarine vegetation sequence. The seaward side has small areas of *Schoenoplectus pungens* sedgelands, mangrove scrub (0.2m - 0.5m high) merging into substantial areas of mixed sedgelands dominated by searush and oioi with scattered *Baumea juncea* sedgelands and marsh ribbonwood scrublands. These in turn give way to low manuka scrub, cabbage trees, oioi sedgeland, *Olearia solandri* scrub, marsh ribbonwood scrub and flaxland associations which merge into manuka forest with a mixed understorey of *Coprosma tenuicaulis*, *Baumea* sp., *Schoenus* sp. and *Gleichenia dicarpa* fernlands. Further inland there is a wide band of grey willow forest with an understorey dominated by manuka, hangehange, *Coprosma robusta*, *Coprosma propinqua*, *Coprosma tenuicaulis*, *Baumea* sp. and *Schoenus* sp.

The banded rail and NI fernbird are present at this site.

(Source: Owen, 1993a).

Vegetation mapped in Beadel (1992a) and described in Beadel (1993).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as exceptional botanical conservation value. An extensive wetland, much of which is relatively unmodified, comprising a representative example of the estuarine and freshwater vegetation of Tauranga Harbour (Beadel, 1992a). It was identified as a category one area in Beadel (1992a). (Source: Beadel, 1993).

Wildlife: Assessed as having outstanding wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

See (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/117

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type:

Name: Tirohanga

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 800 986

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Vegetated strip along the western side of Blue Gum Bay. Localised patches of *Schoenoplectus pungens* sedgelands with mangrove scrub and shrublands (northern end), mixed sedgelands of oioi, searush and *Baumea juncea* merging into a thin band of mixed marsh ribbonwood shrub, *Olearia solandri* scrub, flaxlands, raupo and *Baumea articulata* reedlands. Localised areas of manuka and Spanish heath scrub, grey willow forest and cabbage trees prevail along the upper shoreline.

The banded rail and NI fernbird are found at this site.

(Source: Owen: 1993a).

Vegetation is mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the Tauranga Harbour.

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds. (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/118

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Rangiwaea Island Foreshore

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 834 940

Aerial photo no:

Date Flown:

Landform: Foreshore

Habitat Description:

This estuarine margin strip forms part of a larger wildlife habitat site.

The larger site is described as a strip of estuarine vegetation along part of western side of Rangiwaea Island. Area totally dominated by extensive searush sedgelands (20 - 50m wide) with some oioi sedgelands and a narrow band of marsh ribbonwood scrub and manuka scrub further inshore. Occasional marsh ribbonwood scrub, *Stipa stipoides* grassland and flaxland along with a few wilding pines and wattles are found on a narrow raised beach along part of wetland. Near the seaward edge of the wetland *Sarcocornia quinqueflora* and remuremu herbfields are found. An occasional mangrove seedling is found growing along the shore.

The North Island fernbird is found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the Tauranga Harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds. (Owen, 1993a).

This estuarine margin strip is part of the larger wildlife site and should be given the same conservation considerations to vegetation to preserve the wildlife values.

Other:

THREATS AND REMARKS:

See (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/119

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Rangiwaea Island Estuary.

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 845 922

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Estuary on western side of Rangiwaea Island. Mouth of the estuary is protected by a small sandspit. The lower and middle sections of the estuary comprise exposed tidal flats with isolated mangroves (0.1m - 0.3m high) and a margin of searush sedgeland. In the upper reaches of the estuary there are mixed associations of oioi and searush sedgeland with a wide band of 3 - 4m high manuka scrubland. Associated with the manuka is an understorey of mamaku, *Coprosma robusta*, *Blechnum* "blackspot", *Schoenus* sp. and *Carex* spp. Estuary surrounded by farmland, forestry plantations and secondary native/exotic vegetation including a karaka grove near estuary mouth.

The North Island fernbird is found at this site.

(Source Owen, 1993a).

The vegetation is mapped and described in Beadel (1992a) and described in Beadel (1993).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value. A good example of manuka scrub on sand, contiguous with saltmarsh. These vegetation types are characteristic of Tauranga ecological district. Pingao is present on the sandspit at this site (classed as local). It was identified as a Category Two Area in Beadel (1992a). (Source: Beadel, 1993).

Wildlife: Assessed as having high wildlife habitat quality for marshbirds. (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/120

Date of completion: 4.2.93

Category: B

Ecological District: TGA

Habitat Type: Sandspit and Estuarine vegetation

Name: Pitua Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 822 886

Aerial photo no: 170718

Date Flown: 4.2.93

Landform:

Habitat Description:

Coastal tidal embayment with sandspit and estuarine vegetation at Te Puna Beach. Most of vegetation heavily modified. Vegetation largely searush sedgelands with scattered areas of estuarine herbfields, marsh ribbonwood scrub and gorse. A few mangroves are found in drains. Sandspit vegetation largely lost through human modification.

The North Island fernbird is found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Unranked

Wildlife: Assessed as having moderate wildlife habitat quality for wildlife (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/121

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Freshwater wetland

Name: Kuka Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 815 888

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Coastal freshwater wetland near Tuterenga Marae, Te Puna. Vegetation comprises of a small area of oioi and searush sedgeland (nearest coast) with local areas of marsh ribbonwood scrub, raupo reedland and manuka scrubland and an extensive area of tall grey willow forest extending well inland. Other vegetation scattered throughout the area includes gorse, karo, wattle, pampas, flax, blackberry, bracken, tree tobacco and gum trees.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere in Tauranga harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/122

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Sandspit and duneland vegetation

Name: Waipa Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 806 888

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Sandspit and beach along the north-eastern shoreline of Oтуру Creek Inlet. Estuarine vegetation is dominated by a narrow band of mixed searush and oioi sedgeland with scattered stands of mangrove scrub (0.4m to 1.2m high) along the seaward side. Inland of the sedgelands are localised pockets of raupo reedland, marsh ribbonwood scrub, manuka scrub and grey willow forest. Pampas, gorse and flax dominate an existing low stopbank (now breached by the sea) which lies parallel to the shore between the mangroves and sedgelands. *Stipa stipoides* grassland and estuarine herbfield vegetation cover parts of the sandspit.

The banded rail and North Island fernbird are found at this site.

Ooh vegetation of this site is mapped in Beadel (1992a).

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CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/123
Category: B
Habitat Type: Estuarine wetland

Date of completion: 1.12.93
Ecological District: TGA

WBOPDC Map: E6

Name: Omokoroa Station Road
Area:
Protection Status: Unprotected

Map Series: NZMS260
Grid Reference: 788 898
Aerial photo no: 170718, 170716

Date Flown: 4.2.93

Landform:

Habitat Description:

Small enclosed embayment (semi-circular in shape) at end of Omokoroa Station Road. Estuarine vegetation surrounding tidal flats has a mixed association of searush and oioi sedgelands and marsh ribbonwood scrub. *Stipa stipoides* grassland, marsh ribbonwood scrub, remuremu and *Samolus repens* herbfields cover the small sandspit on the seaward side. Pines, pampas, gorse and rank grasses surround wetland.

(Source: Owen, 1993a)

The vegetation of this site is mapped in Beadel (1992a).

This site continues below mean high water spring where it comes within the jurisdiction of Bay of Plenty Regional Council and its proposed Regional Coastal Environment Plan.

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

LANDOWNER VISITS

1. Tony Yahoo, 401 Omokoroa Station Road. Legal Description: Lot 4, DPS 9288, visited on 10.08.94 by V.Froude (DOC) and Bruce Hawkins (WBOPDC).

Outcome of visit: Reduced extent of mapped site.

Agreement between WBOPDC and Landowner:

1. Site only includes the saltmarsh and estuarine scrub, and the fringe of predominantly native plants on the small sandspit. The surrounding mown and grazed pasture is not part of the site.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/124

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Wainui

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 720 927

Aerial photo no: 170733

Date Flown: 4.2.93

Landform:

Habitat Description:

This estuarine margin strip is part of a larger wildlife and botanical site.

The larger site is described as a relatively large good quality example of the following vegetation types characteristic of Tauranga harbour.

Vegetation types present are

- Mangrove scrub
- Mangrove shrubland
- Manuka shrubland
- Searush tussockland
- Oioi-marsh ribbonwood shrub-sedgeland
- Baumea juncea*-marsh ribbonwood-oioi sedgeland
- Oioi sedgeland
- Raupo reedland

(Source: Beadel, 1993).

The vegetation of this site is mapped in Beadel (1992a).

The site is also mapped and described in Owen (1993a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value, for the reasons in above habitat description and being contiguous with U14/102. (Beadel, 1993).

Wildlife: Three wildlife habitat assessments have been given to this large site. They are mapped and described in Owen (1993a).

The estuarine margin strip is part of this larger wildlife habitat site and should be given the same conservation considerations to vegetation to preserve the wildlife habitat values.

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/125

Date of completion: 1.12.93

Category: A

Ecological District:

Habitat Type: Estuarine wetland

Name: Blue Gum Bay 2

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 809 975

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

This site is mapped in Beadel (1992a) and described in Beadel (1993a). The following vegetation types are present;

Cabbage tree-grey willow-manuka forest
Grey willow forest
Searush tussockland
Oioi sedgeland
Schoenoplectus pungens sedgeland
Estuary margin vegetation.

(Source: Beadel, 1993).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value. It is contiguous with and complementary to the Blue Gum Bay Category One Area (U14/138) which is a large good quality, representative example of the wetland vegetation of Tauranga Harbour. (Beadel, 1993).

Wildlife: Assessed as having moderate wildlife habitat value in Owen (1993a). Site 50.

Other:

THREATS AND REMARKS:

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/126

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Wetland

Name: Tirohanga Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 800 972

Aerial photo no: 170748

Date Flown:

Landform:

Habitat Description:

Grey willow forest (S.M. Beadel, pers comm).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Unranked. Nearby a Category Two site in Beadel (1992). (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat value (K.L. Owen, pers comm. 1994).

Other:

THREATS AND REMARKS:

REFERENCES:

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/127

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type:

Name: Waiherehere Road Wetland

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 814 972

Aerial photo no: 170748

Date Flown:

Landform:

Habitat Description:

Grey willow forest

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: unranked but should be included in schedule. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat value (K.L. Owen, pers comm. 1994).

Other:

THREATS AND REMARKS:

REFERENCES:

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/128

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Matahui Road

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 705 967

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Mangrove scrub is dominant with minor areas of searush tussockland and oioi sedgeland. (S.M. Beadel, pers comm).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a). Site 51.

Other:

THREATS AND REMARKS:

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/129

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Forest and treeland

Name: Ngakautuakina Point

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 764 930

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Pohutukawa forest and treeland (S.M. Beadel, pers comm).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical value. There are other better quality examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having potential wildlife habitat value (K.L. Owen, pers comm. 1994).

Other:

THREATS AND REMARKS:

REFERENCES:

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/130

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Forest and treeland

Name: Omokoroa Beach

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 787 917

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Pohutukawa forest and treeland plus adventive species (S.M. Beadel, pers comm).

Vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having potential wildlife habitat value (K.L. Owen, pers comm. 1994).

Other:

THREATS AND REMARKS:

REFERENCES:

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/131

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Oikimoke Point

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 831 882

Aerial photo no: 170718

Date Flown: 4.2.93

Landform:

Habitat Description:

An area of estuarine vegetation and adjoining sandspit, directly south of Oikimoke Point, near Te Puna Beach. Wetland dominated by extensive mixed associations of oioi and searush sedgeland. Along the edges are marsh ribbonwood scrub, *Olearia solandri* scrub, *Coprosma robusta*, *Leucopogon fasciculatus*, manuka scrub, grey willow forest, wattle, flax and pampas. On the seaward side (of wetland) is scattered mangrove scrub. Further inland, but divided from this area by a large stopbank, is a mixed searush sedgeland, manuka scrub and grey willow forest association. The sandspit is largely unvegetated.

The banded rail, spotless crake and North Island fernbird are found at this site.

(Source: Owen, 1993a).

Mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having high wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/132

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

DRAFT

Name: Jess Road

Area:

Protection Status: Inland wetland belongs to DOC and is currently leased long term.

Map Series: NZMS260

Grid Reference: 786 882

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Two large estuarine wetland areas in Te Puna Estuary split into two by railway embankment. The seaward part (about $\frac{1}{2}$ total area) is completely dominated by 0.5m to 1.5m high mangrove scrub and scrublands with several tidal channels running through area. On the inland side of the railway embankment the area comprises degraded searush sedgelands, remuremu and *Cotula coronopifolia* herbfields, extensive areas of rank grass with manuka scrublands (0.5m to 2.5m high) at each end. A small area of raupo reedland is at the northern end. A small mangrove scrubland area is found at the southern end.

The banded rail is present at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/133

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type:

DRAFT

Name: Wairoa river mouth western bank

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 832 865

Aerial photo no: 170862

Date Flown: 24.3.93

Landform:

Habitat Description:

A riparian strip of estuarine vegetation on the seaward side of an extensive stopbank lying on the western bank of the Wairoa River mouth. Vegetation comprises a narrow (5m to 40m) wide band of principally searush sedgelands with some oioi sedgelands. In scattered localities both appear as varied associations. There are areas of marsh ribbonwood scrub on the inland edge and local stands of mangrove scrub and shrublands with *Spartina* sp. present at the northern end.

The North Island fernbird is found at this site.
(Owen, 1993a).

This site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/134

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Oturu creek inlet

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 807 882

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Narrow inlet with vegetated margins. Inlet has an outer band of scattered to dense mangrove scrub and shrublands on both sides. Along the western side oioi sedgelands with some searush sedgelands, marsh ribbonwood scrub, manuka scrub and grey willow forest dominates the area. Along the eastern side oioi and searush sedgelands form a narrow band along the foreshore with manuka scrub and grey willow forest further inland. Native and adventive vegetation such as gorse, mamaku, poplar, pines and blackberry is found along the terrestrial margins of the inlet.

The Australasian bittern, North Island fernbird and banded rail are found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the ecological district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/135

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Inlet with Estuarine vegetation.

Name: Mangawhai Bay Inlet

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 775 888

Aerial photo no: 170716

Date Flown: 4.2.93

Landform:

Habitat Description:

Inlet with narrow strips of estuarine vegetation along the north and south sides and a more extensive area at its head. The north and south sides are dominated by mixed associations of oioi and searush sedgelands with local areas of marsh ribbonwood scrub, gorse, manuka scrub, grey willow forest, raupo reedland, and *Glyceria maxima* grassland along the margins. At the head of the inlet scattered areas of mangrove scrub and shrubland (0.3m to 1.0m high) are found along the tidal creek. These merge with extensive areas of oioi sedgelands with mixed associations of searush and oioi sedgelands further inland. The shoreline vegetation has local areas of gorse, pampas and raupo reedland associated with pasture grasses.

The banded rail and North Island fernbird are present at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere in the ecological district.

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owe, 1993a).

Other:

THREATS AND REMARKS:

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/136

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Te Hopai Island

DRAFT

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 745 935

Aerial photo no: 170731

Date Flown: 4.2.93

Landform:

Habitat Description:

Large, low-lying, flat, unmodified island with a diverse mosaic of estuarine vegetation types. Vegetation dominated by mangrove scrub and shrublands (0.2m to 0.5m high) and *Sarcocornia quinqueflora* herbfields. These associations grow throughout the southern half and the top end of the island except the margins. Scattered, mixed associations of searush and oioi sedgeland with marsh ribbonwood scrubland are found along the southern and eastern margins. A very dense mixed oioi sedgeland, marsh ribbonwood scrubland and manuka scrubland mosaic, with associated *Olearia solandri* scrub, toitoi grassland and flaxland as emergents, dominates the northern and western parts of the island. *Coprosma propinqua* and marsh ribbonwood scrublands, with ngaio as an emergent (2m high), are located along the eastern margins.

The banded rail and North Island fernbird are present at this site.

(Source: Owen, 1993a).

This site is mapped and described in Beadel (1992a) and described in Beadel (1993).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as exceptional botanical conservation value. Probably the least modified substantial area of estuarine vegetation in Tauranga Harbour and contains a high quality, diverse, representative vegetation sequence. Several of the vegetation types occur nowhere else in the harbour (Beadel 1992a). (Source; Beadel 1993).

Wildlife: Assessed as having outstanding wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/137

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Emeny Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 789 875

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Small bay containing estuarine vegetation on the south-western side of Te Puna Estuary. Seaward part of area comprises of a mangrove shrubland area (0.3m to 0.5m high). On the inland side of this is a band of searush sedgelands extending along the shore. The immediate shore is dominated by pasturelands. A pa site is located on an adjoining hill top.
(Source: Owen, 1993a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/139

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Waipapa Estuary 2

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 765 920

Aerial photo no: 170731

Date Flown: 4.2.93

DRAFT

Landform:

Habitat Description:

This estuarine margin strip is part of 3 larger wildlife habitat sites constituting a large good quality example of mangrove stands and saltmarsh. (Beadel, 1992a).

These larger sites are mapped and described in Beadel (1992a) and described in Beadel (1993) and Owen (1993a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value. A relatively large, good quality example of mangrove stands and saltmarsh. Mangrove scrub and shrublands form the cover over much of the site. (Beadel, 1993).

Wildlife: There are three rankings given to the different habitat sites. See Owen (1993a) for a description and ranking of each site.

Other:

THREATS AND REMARKS:

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/140

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Oikimoke Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 833 874

Aerial photo no: 170718

Date Flown:

Landform:

Habitat Description:

A large area of estuarine vegetation to the east of Oikimoke Road, near the mouth of the Wairoa River. Apart from scattered mangrove scrub on the seaward side, the bulk of the area comprises mixed searush and oioi sedgelands associations with very localised remuremu herbfields. On the stopbanks and inland margins of the wetland are mixed associations of marsh ribbonwood scrub, *Olearia solandri* scrub, pampas, gorse, manuka scrub and flaxland. Pastureland and some orchard shelterbelts are found along the inland side of the wetland.

The Australasian bittern, banded rail and North Island fernbird are found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere in Tauranga Harbour.

Wildlife: Assessed as having high wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/141

Date of completion: 1.12.93

Category: A -total site

Ecological District: TGA

Habitat Type: Estuarine wetland

WBOPDC Map: D5

Name: Morton Road

Area:

Protection Status: Unprotected

DRAFT

Map Series: NZMS260

Grid Reference: 734 945

Aerial photo no:

Date Flown:

Landform: Estuarine margin

Habitat Description:

The Australasian bittern banded rail and North Island fernbird are found at this site.

The vegetation of this site is mapped in Beadel (1992a).

Most of the site is below MHWS and so is under the jurisdiction of the Bay of Plenty Regional Coastal Environment Plan. The total site consists of a mixed association of mangrove shrubland; oioi and searush sedgelands; with manuka-*Plagianthus* and pines/manuka-pampas further inland. (V. Froude, pers obs. 1994).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere around Tauranga Harbour.

Wildlife:

Other: Natural character of estuary margins.

THREATS AND REMARKS:

Site of illegal reclamation (S.M. Beadel, pers comm), and see (Owen, 1993).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

LANDOWNER VISITS:

1. Brian Alexander, 159/160 Morton Road Katikati. Legal description: to come. Visited by V. Froude (DOC) on 19.8.94.

Outcome of visit:
Modified site boundaries.

Agreements between Landowner and WBOPDC:

1. Alexander: The site is the estuarine fringe. Pines are not part of the site and so can be removed in a way that does not damage the native vegetation on the site.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/142

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Prestidges Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 729 939

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

A grossly modified area of estuarine vegetation lying between Prestidges Road and Bardfield's Piggery along the northern side of Wainui River. Site comprises several large areas of mangrove shrubland and scrub (0.2m to 0.8m high) as 'islands' of vegetation along the seaward side of the piggery embankment and to the north. The northern shoreline (inside the mangrove areas) has modified oioi and searush sedgelands with scattered grey willow forest and rank grasses on the immediate shoreline.

The banded rail and North Island fernbird are present at this site.

(Source: Owen 1993a).

The vegetation of this site is mapped in Beadel (1992a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as high botanical conservation value. This site is part of a large site which is a relatively good quality example of the above wetland vegetation types, which are characteristic of Tauranga Harbour. (Beadel, 1993).

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/143

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Mangawhai Bay

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 781 902

Aerial photo no: 170716

Date Flown:

Landform:

Habitat Description:

An area of estuarine vegetation on the western side of Mangawhai Bay. Vegetation in the outer bay is scattered to dense mangrove scrub (0.2m to 1.0m high). Inland of this are areas of taller mangrove shrublands (2.0m high). Along the foreshore are searush sedgelands with mixed searush and oioi sedgelands interspersed with mangrove shrublands. There are narrow strips of scattered shoreline vegetation dominated by marsh ribbonwood scrub, *Cyperus ustulatus* and scattered manuka scrub with gorse, blackberry, grey willow forest, tree tobacco, and hawthorn on higher ground along with pasture grasses.

The banded rail is present at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/144

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine and Sandspit vegetation

Name: Ngakautuakina Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 763 925

Aerial photo no: 170731

Date Flown:

Landform:

Habitat Description:

Small enclosed wetland directly south of Nga Kautuakina Point. Narrow sandy spit protects estuarine vegetation from harbour. Sandspit has oioi, searush, *Isolepis nodosa* and *Carex pumila* sedgeland and an area of estuarine herbfield. At the base of the spit marsh ribbonwood scrub, searush sedgeland, gorse, pines and pampas prevail. Scattered stands of mangroves are commonly found on the seaward side and inland side of spit especially along the outer edge of the foreshore. Saltmarsh which comprises searush and oioi sedgeland along with marsh ribbonwood scrub, pampas, gorse, wattle and she-oaks are found on the inland side.

The North Island fernbird is found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate wildlife habitat value for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

See (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/145

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Te Pungaatai Inlet

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 761 920

Aerial photo no: 170731

Date Flown:

DRAFT

Landform:

Habitat Description:

Small tidal inlet on eastern side of Pahoia Road peninsula. Estuarine vegetation comprises extensive areas of mangrove scrub and shrublands (0.5m to 1.0m high) interspersed with a mixed association of oioi sedgelands with some searush sedgelands. A narrow margin of marsh ribbonwood scrub, gorse, blackberry, privet, grey willow, wattle, *Festuca arundinacea* and other rank grasses are present along the inland edges. Remuremu herbfield meadows are also present.

The banded rail and North Island fernbird are present at this site.

(Source: Owen, 1993a).

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere around Tauranga Harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having high habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/146

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Omokoroa

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 783 890

Aerial photo no: 170716

Date Flown:

Landform:

Habitat Description:

Two small adjoining inlets on south side of Mangawhai Bay near Omokoroa Station. Scattered mangrove scrub (<0.5m high) is found in both inlets. In the eastern inlet *Samolus repens* herbfield and *Stipa stipoides* grassland dominates a small sandspit. The inlet here is dominated by searush sedgelands with local areas of oioi sedgelands and marsh ribbonwood scrub. The western inlet in contrast is dominated by oioi sedgelands with limited searush sedgelands and scattered marsh ribbonwood scrub. Adventive plants, rank grasslands and shelter belts (pines) are present along the inland edge of both inlets.

The banded rail is found at this site.

(Source: Owen, 1993a)

The vegetation of this site is mapped in Beadel (1992a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are better quality examples of similar vegetation elsewhere around Tauranga Harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/147
Category: B
Habitat Type: Estuarine wetland

Date of completion: 1.12.93
Ecological District: TGA

WBOPDC Map: E7, Te Puna (1:5000)

Name: Newnham Road
Area:
Protection Status: Unprotected

DRAFT

Map Series: NZMS260
Grid Reference: 796 876
Aerial photo no: 170716

Date Flown:

Landform: Estuary margins

Habitat Description:

Small bay in Te Puna Estuary. Wetland vegetation chiefly mangrove scrub and shrubland (0.3m to 2.0m high) with a narrow riparian strip of oioi and searush sedgelands with isolated marsh ribbonwood scrub. On the inland side (at eastern end) a manuka scrubland (0.5m to 3.0m high) borders the wetland edge. Around the margins can be found a mixed association of native and exotic vegetation. Species present include gorse, mamaku, *Coprosma robusta*, grey willow forest and woolly nightshade. Inland margins surrounded by horticulture shelter belts.

The Australasian bittern, banded rail and North Island fernbird are present at this site. (Owen, 1993a).

The vegetation is mapped in Beadel (1992a).

Part of this site is below Mean High Water Springs and so comes within the jurisdiction of the Bay of Plenty Regional Council's Regional Coastal Environment Plan.

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate wildlife habitat value for marshbirds (Owen, 1993a).

Other: Natural character/landscape values.

THREATS AND REMARKS:

See (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

LANDOWNER VISITS:

1. Barry Knight, 142 Newnham Road, Te Puna. Legal description: DPS 66451
Visited by V. Froude (DOC), K. Owen (DOC) and Bruce Hawkins (WBOPDC) on 3.8.94.

Outcome: Amended site description and boundaries.

Agreements between WBOPDC and Landowners:

1. B. Knight: The inland boundary of the site is the upland edge of the manuka stand. The site also includes the manuka stand in the main gully.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/148

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Motutangaroa Isle Foreshore

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 843 930

Aerial photo no: 170728

Date Flown:

Landform:

Habitat Description:

Estuarine vegetation along the middle section of the western side of Rangiwaea Island. Vegetation forms a relatively narrow band along the foreshore dominated by extensive areas of searush sedgelands with scattered but local areas of oioi sedgelands and marsh ribbonwood scrubland. There is a patchy distribution of estuarine herbfield vegetation, chiefly *Sarcocornia quinqueflora*, remuremu and *Samolus repens* within the area. At the southern end a band of native and exotic vegetation forms a buffer to the wetland.

The North Island fernbird is found at this site.

(Source: Owen 1993a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the Tauranga Harbour. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/149

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Aongatete Estuary

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 715 955

Aerial photo no: 170745

Date Flown:

Landform:

Habitat Description:

A narrow to wide band (between 40 and 200 metres wide) of estuarine vegetation along the northern side of the river mouth. Vegetation is dominated by dense and scattered mangrove shrublands interspersed with oioi sedgelands. Further inshore oioi and searush sedgelands abound. Along the stopbank margin a mixed association of oioi and searush sedgelands, marsh ribbonwood shrubland, *Olearia solandri* scrub, flaxland, pampas and gorse is found in a narrow 40 metre wide band.

The Australasian bittern, banded rail and North Island fernbird are found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped and described in Beadel (1992) and described in Beadel (1993).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as exceptional botanical value. Contains large areas of representative mangrove stands which are diverse in stature and density. These stands are contiguous with saltmarsh of high quality characteristic of Tauranga Harbour (Beadel, 1992a). (Source: Beadel, 1993).

Wildlife: Assessed as having outstanding habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Beadel, S.M., 1993: Significant sites of indigenous vegetation of Bay of Plenty coastal zone. Bay of Plenty Regional Council.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/150

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Turner Road

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 741 920

Aerial photo no: 170732

Date Flown:

Landform:

Habitat Description:

A narrow coastal strip of estuarine vegetation with isolated stands of scattered mangrove shrublands and scrub. A narrow band of oioi and searush sedgelands merging into a mixed association of shoreline vegetation comprising raupo reedland, *Olearia solandri* scrub, manuka scrub, grey willow forest, flaxland, pohuepohue, blackberry and rank grasses is found further inland.

The banded rail and North Island fernbird are found at this site.

(Source: Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate wildlife habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

- Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.
- Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/151

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Walker Road East.

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 705 980

Aerial photo no: 170846

Date Flown:

Landform:

Habitat Description:

A wide band of estuarine vegetation on each side of Waitekohe Stream mouth. Seaward side (but also part of inland side) dominated by dense (and some scattered) mangrove scrub and shrublands (0.5m -1m high). Further inshore extensive searush sedgelands dominate. Oioi sedgelands interspersed with searush sedgelands (but less frequent) are found further inland again. Marsh ribbonwood scrub is commonly found along the inland side with a mixed association of *Olearia solandri* scrub, flaxland, toetoe, merging into grey willow forest, gorse and wattle on drier ground.

The banded rail and North Island fernbird are found at this site.

(Source: (Owen, 1993a).

The vegetation of this site is mapped in Beadel (1992a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as moderate botanical conservation value. There are other better quality examples of similar vegetation elsewhere in the ecological district.

Wildlife: Assessed as having high habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Beadel, S.M., 1992a: Tauranga Harbour Wetland vegetation. Report prepared for Bay of Plenty Regional Council, Whakatane. 82pp plus maps.

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/152

Date of completion: 1.12.93

Category: B

Ecological District: TGA

Habitat Type: Estuarine wetland

Name: Puketutu Point

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 705 990

Aerial photo no:

Date Flown:

Landform:

Habitat Description:

Relatively narrow strip of estuarine vegetation around edge of harbour with small sandspit on seaward side. Vegetation comprises estuarine herbfields of shore pimpernel, remuremu and goosefoot along with searush and oioi sedgeland, occasional mangroves, marsh ribbonwood shrub, *Baumea articulata* reedlands merging into grey willow forest, blackberry and associated adventive plants. Orchard shelterbelts are found on inland side.

The North Island fernbird is present at this site.

(Source: Owen, 1993a).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical:

Wildlife: Assessed as having moderate habitat quality for marshbirds (Owen, 1993a).

Other:

THREATS AND REMARKS:

see (Owen, 1993a).

REFERENCES:

Owen, K.L., 1993a: Tauranga Harbour Marshbird Habitat Survey, Vol 2, Technical Report Series No.17. Department of Conservation, Bay of Plenty Conservancy.

SCHEDULE OF SITES OF SPECIAL SIGNIFICANCE

WESTERN BAY OF PLENTY

Site no: U14/153

Date of completion: 1.12.93

Category: A

Ecological District: TGA

Habitat Type: Forest

Name: Kaituna River Bush 1

Area:

Protection Status: Unprotected

Map Series: NZMS260

Grid Reference: 053 753

Aerial photo no: 170919

Date Flown:

Landform:

Habitat Description:

Kahikatea/pukatea forest with scattered cabbage tree around the margins. (S.M. Beadel, pers comm).

DRAFT

CONSERVATION VALUES AND JUSTIFICATIONS:

Botanical: Identified as very high botanical value. This small site contains the only example of Kahikatea/ pukatea forest remaining in Tauranga ecological district. Kahikatea forest would probably have once been common on the plains in the district. (S.M. Beadel, pers comm).

Wildlife: Assessed as having moderate wildlife habitat value (K.L. Owen, pers comm).

Other:

THREATS AND REMARKS:

This site is currently heavily grazed and stock should be excluded from this site. (S.M. Beadel, pers comm).

REFERENCES: