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# Schedule 1 – Aquatic Ecosystem Areas

## A *Habitats and migratory pathways of indigenous fish species*

**Note:** The GPS co-ordinates relate to points at which the fish species were identified.

The following streams, rivers and lakes are habitats or migratory pathways for indigenous fish species.

Catchment	River, Stream or Lake	Tributary	Species Present
Waihi Beach	Waihi Stream		Banded Kokopu, Giant Kokopu, Redfined Bully, Unidentified Eel
	2 Mile Creek		Banded Kokopu, Redfined Bully, Common Bully, Inanga, Common Smelt, Longfined Eel, Shortfined Eel
	3 Mile Creek		Banded Kokopu, Redfined Bully, Common Bully, Inanga, Common Smelt, Longfined Eel, Shortfined Eel
Tauranga Harbour	Waiu River	Firewood Stream Tributary (T13 662 132)	Banded Kokopu, Longfined Eel, Shortfined Eel, Koura
		Athenree tributary (T13 675 110)	Banded Kokopu, Redfined Bully, Koura
		Unnamed tributary Athenree (U13 717 144)	Giant Bully, Cockabully, Common Bully, Common Smelt, Inanga
	Tuapiro Creek	Waitengaue Stream	Banded Kokopu, Longfined Eel, Redfined Bully: Common Smelt: Common Bully
	Wharawhara Stream		Banded Kokopu, Common Smelt, Longfined Eel, Shortfined Eel, Redfined Bully
	Uretara Stream		Redfined Bully, Longfined Eel, Inanga, Giant Kokopu, Common Smelt, Banded Kokopu, Koura, Common Bully, Shortfined Eel, Torrentfish
		Boyd Stream	Banded Kokopu, Longfined Eel, Shortfined Eel, Common Bully, Common Smelt, Torrentfish
		Boyd Stream Tributary (T13 646 000)	Common Bully, Koura, Longfined Eel, Unidentified Eel
		Te Mania Stream	Common Bully, Common Smelt, Inanga, Unidentified Eel
	Aongatete River	Aongatete River Tributary (T14 673 893)	Banded Kokopu, Longfined Eel
	Wainui River	Wainui River Tributary (U14 711 919)	Shortjawed Kokopu
	Te Puna Stream		Koara, Longfined Eel, Shortfined Eel
	Wairoa River		Shortjawed Kokopu (below dam), Giant Bully, Inanga, Redfined Bully, Longfined Eel, Shortfined Eel, Common Smelt, Common Bully, Inanga, Banded Kokopu, Giant Kokopu
		Waireia Stream	Inanga, Redfined Bully, Koura, Longfined Eel, Shortfined Eel
Mangatarata River		Banded Kokopu, Longfined Eel, Koura	
Ohourere Stream		Banded Kokopu, Redfined Bully, Longfined Eel, Shortfined Eel, Koura	

Catchment	River, Stream or Lake	Tributary	Species Present
		Wairoa River Tributary (U14 816 848)	Common Smelt, Common Bully, Shortfinned Eel, Redfinned Bully, Inanga, Shortfinned Eel, Koura
		Opuiaiki River	Shortjawed Kokopu, Longfinned Eel
		Mangakarengorengo River	Banded Kokopu, Longfinned Eel, Koura, Giant Kokopu
	Carmichael Reserve		Giant Kokopu, Shortfinned Eel, Banded Kokopu, Longfinned Eel, Common Bully, Redfinned Bully, <i>galaxiid sp</i>
	Kopurererua Stream		Inanga, Shortfinned Eel, Banded Kokopu, Giant Kokopu, Common Smelt, Longfinned Eel, Redfinned Bully, Common Bully
		Kopurererua Stream Tributary & Drain (U14 856 816)	Kokopu, Inanga
	Waimapu River		Common Bully, Longfinned Eel, Shortfinned Eel
	Kaitemako Stream		Cockabully, Common Bully, Common Smelt, Inanga
Wairakei Stream	Wairakei Stream		Shortfinned Eel, Longfinned Eel
Kaituna River	Kaituna River		Common Smelt, Redfinned Bully, Giant Bully, Inanga, Shortfinned Eel, Koura, Common Bully, Longfinned Eel
		Kaituna River Tributary (U15 041 555)	Banded Kokopu, Common Bully, Longfinned Eel, Koura
		Kopuroa Canal	Common Bully, Torrentfish, Unidentified Eel
		Ohineangaanga Stream	Inanga, Common Smelt, Longfinned Eel, Shortfinned Eel, Koura, Common Bully
		Raparapahoe Stream	Common Bully, Common Smelt, Banded Kokopu, Koaro, Longfinned eel
		Wairapukao Stream	Common Smelt, Lamprey, Longfinned Eel, Redfinned Bully
		Waiari Stream	Koura, Lamprey, Longfinned Eel, Redfinned Bully, Unidentified Galaxiid, Common Bully, Shortfinned Eel, Unidentified Eel, Common Smelt, Koura, Inanga
Waihi Estuary	Kaikokopu Canal		Inanga, Cockabully, Common Bully, Common Smelt
	Pokopoko Stream Tributary		Banded Kokopu
	Pongakawa Stream		Koura, Common Smelt, Giant Bully, Common Bully, Inanga, Shortfinned Eel, Longfinned Eel, Redfinned Bully, Banded Kokopu
		Pongakawa Stream Tributary (V15 208 669)	Banded Kokopu: Common Smelt, Longfinned Eel, Shortfinned Eel, Giant Bully, Common Bully, Redfinned Bully
Rotorua Lakes	Lake Rotoiti		Koaro, Common Bully, Common Smelt, Koura
		Ruato Bay Stream	Koaro, Common Bully
		Lake Rotoiti Tributary (U15 161 460)	Koaro, Common Bully, Common Smelt
	Lake Rotorua		Common Bully, Common Smelt, Koura
		Awahou Stream	Koaro, Koura, Unidentified Bully
Lake Okataina		Common Bully, Common Smelt, Koaro	

Catchment	River, Stream or Lake	Tributary	Species Present
		Haumingi Stream	Banded Kokopu, Koaro, Common Bully, Common Smelt
		Heruparaoa Stream	Banded Kokopu, Koaro, Common Bully, Common Smelt
		Kaikakahi Stream	Banded Kokopu, Koaro, Unidentified Galaxiid
		Lake Okataina Tributary (U16 068 365)	Banded Kokopu, Koaro, Common Bully, Common Smelt
		Rayners Bay Tributary (Pukahu Stream)	Banded Kokopu, Koura, Common Bully, Common Smelt
		Te Rereoterangi Stream	Common Bully, Common Smelt
	Lake Rorokawau		Koaro
	Lake Okaro		Common Bully, Common Smelt
	Lake Rerewhakaaitu		Common Smelt
	Lake Tarawera		Koaro, Common Bully, Common Smelt
		Lake Tarawera Tributary (U16 056 273)	Common Bully, Common Smelt, Koura
	Lake Okareka		Koaro, Common Bully, Common Smelt, Koura
		Lake Okareka Tributary (U16 035 325)	Koaro, Common Bully
Waitahanui	Waitahanui Stream		Redfinned Bully, Longfinned Eel, Common Smelt, Giant Bully, Shortfinned Eel
		Waitahanui Stream Estuary	Inanga, Longfinned Eel, Common Smelt, Giant Bully, Torrentfish
		Waitahanui Stream Tributary (V15 234 652)	Banded Kokopu, Inanga, Longfinned Eel, Common Smelt
		Pungerehu Stream	Banded Kokopu, Redfinned Bully, Longfinned Eel, Common Smelt
Matata	Hauone Stream		Common Bully, Common Smelt, Bluegilled Bully, Longfinned Eel, Unidentified Galaxiid
		Hauone Stream Estuary	Inanga, Giant Bully, Common Smelt, Shortfinned Eel
	Ruataniwha Stream		Banded Kokopu, Redfinned Bully, Unidentified Eel
	Unnamed Stream Matata (V15 365 630)		Bluegilled Bully, Redfinned Bully, Longfinned Eel
	Pikowai Stream		Banded Kokopu, Bluegilled Bully, Common Smelt, Shortfinned Eel, Longfinned Eel, Torrentfish, Redfinned Bully
	Herepuru Stream		Koaro, Longfinned Eel, Giant Kokopu, Shortfinned Eel, Redfinned Bully, Common Smelt, Torrentfish, Koura, Inanga
		Herepuru Stream tributary (V15 326 582)	Longfinned Eel, Redfinned Bully, Shortjawed Kokopu, Koaro, Unidentified Eel
	Mimiha Stream		Banded Kokopu, Giant Kokopu, Bluegilled Bully, Common Smelt, Inanga, Shortfinned Eel, Longfinned Eel, Koura, Redfinned Bully, Torrentfish
Tarawera	Tarawera River		Common Bully, Giant Bully, Shortfinned Eel, Torrentfish, Smelt, Koura, Longfinned Eel, Inanga, Banded Kokopu
	Tarawera Falls		Banded Kokopu, Longfinned Eel, Common

Catchment	River, Stream or Lake	Tributary	Species Present
			Bully
	Tarawera Outlet		Koaro, Common Bully, Common Smelt, Longfinned Eel
	Awatarariki Stream		Banded Kokopu, Inanga, Giant Bully, Shortfinned Eel, Longfinned Eel, Redfinned Bully
		Awatarariki Stream Estuary	Inanga, Common Smelt, Giant Bully, Shortfinned Eel, Banded Kokopu, Longfinned Eel, Redfinned Bully
		Umahika Stream	Giant Kokopu
		Watiepuru Stream	Longfinned Eel, Shortfinned Eel, Redfinned Bully
		Awaiti Canal	Giant Kokopu, Shortfinned Eel
		Awaiti Stream	Shortfinned Eel
		Omeheu Canal	Giant Bully, Shortfinned Eel, Redfinned Bully, Common Bully
		Awakaponga Stream/Canal	Common Bully, Lamprey, Shortfinned Eel, Redfinned Bully, Torrentfish
		Waikamihi Stream	Giant Kokopu, Banded Kokopu, Longfinned Eel, Shortfinned Eel, Inanga, Common Bully, Giant Bully, Redfinned Bully, Torrentfish
		Braemar Lagoon Outlet	Shortfinned Eel
		Braemar Spring	Shortfinned Eel
		Mangaone Stream	Banded Kokopu, Koaro, Inanga, Common Bully, Redfinned Bully, Shortfinned Eel, Longfinned Eel, Koura, Torrentfish, Lamprey
		Karaponga Stream	Redfinned Bully, Longfinned Eel, Koura, Torrentfish
		Waikanapiti Stream Tributary (V19 273 418)	Longfinned Eel
		Ruruanga Stream	Longfinned Eel, Koura
		Buddles Creek	Longfinned Eel
		Mangate Stream	Longfinned Eel, Shortfinned Eel
		Mangawhio Stream	Banded Kokopu, Shortfinned Eel
		Waiaute Stream	Longfinned Eel
		Waiaute Stream Tributary (V16 240 313)	Banded Kokopu, Longfinned Eel
		Okahiri Stream Tributary (V16 277 296)	Banded Kokopu
		Kaipara Stream	Longfinned Eel
		Unnamed Tributary (V16 259 340)	Banded Kokopu
Rangitaiki	Rangitaiki River		Banded Kokopu, Giant Kokopu, Common Bully, Longfinned Eel, Shortfinned Eel, Inanga, Common Smelt, Torrentfish
		Western Drain	Giant Kokopu, Common Bully, Longfinned Eel, Shortfinned Eel, Inanga
		Ngakauroa Stream	Banded Kokopu, Giant Kokopu, Redfinned Bully, Longfinned Eel
		Lake Matahina	Banded Kokopu, Common Bully, Longfinned Eel, Shortfinned Eel
		Mangapapa Stream	Longfinned Eel

Catchment	River, Stream or Lake	Tributary	Species Present		
		Kopuriki Stream	Dwarf Galaxiid		
		Horomanga River	Unidentified Galaxiid, Dwarf Galaxiid, Longfinned Eel		
		Tukuhouhou Stream	Dwarf Galaxiid, Longfinned Eel		
		Kotukutuku Stream	Dwarf Galaxiid, Longfinned Eel		
		Wairohia Stream	Longfinned Eel		
		Mangawhiri Stream	Longfinned Eel		
Whakatane	Whakatane River		Koaro		
		Paekoau Stream	Redfinned Bully, Longfinned Eel, Shortfinned Eel		
		Paekoau Stream tributary (W16 583 314)	Redfinned Bully, Longfinned Eel, Shortfinned Eel		
		Huape Stream	Redfinned Bully, Longfinned Eel		
		Apiti Stream	Shortjawed Kokopu		
		Mangaawai Stream	Shortjawed Kokopu		
		Kawekawe Stream	Redfinned Bully, Longfinned Eel, Shortfinned Eel		
		Ohineteraraku Stream	Banded Kokopu, Shortjawed Kokopu, Redfinned Bully, Longfinned Eel, Shortfinned Eel		
		Wainuitewhara Stream Tributary (W15 611 520)	Banded Kokopu, Shortfinned Eel		
		Te Rahu Canal	Giant Kokopu, Longfinned eel, Shortfinned eel		
		Otarere Stream	Banded Kokopu, Redfinned Bully, Longfinned Eel, Shortfinned Eel, Inanga, Common Smelt		
		Waimeha Stream	Common Smelt, Inanga, Longfinned Eel		
		Owhakatoro Stream	Bluegilled Bully, Redfinned Bully, Torrentfish		
		Ngutuoha Stream	Koaro, Bluegilled Bully, Redfinned Bully, Longfinned Eel, Shortjawed Kokopu, Common Bully		
		Wairere Stream	Common Smelt, Inanga, Unidentified Bully, Shortfinned Eel, Redfinned Bully, Common Bully		
		Waipapa Stream	Koaro, Redfinned Bully, Longfinned Eel		
		Tauranga River Tributary (W16 696 206)	Common Bully, Shortfinned Eel, Longfinned Eel		
		Orouamanui Stream	Redfinned Bully, Longfinned Eel, Bluegilled Bully, Common Smelt, Common Smelt, Torrentfish, Unidentified Eel		
		Pukareao Stream	Bluegilled Bully, Longfinned Eel, Common Smelt, Torrentfish		
		Mangapae Stream	Longfinned Eel		
		Tauranga River			Redfinned Bully, Longfinned Eel, Shortfinned Eel, Torrentfish
			Tauranga River Tributary (W16 695 128)		Redfinned Bully, Longfinned Eel
		Tauranga River	Whanganui Stream		Bluegilled Bully, Redfinned Bully, Longfinned Eel, Shortfinned Eel, Torrentfish
Waionepu Stream			Longfinned Eel		
Haruru Stream			Longfinned Eel, Banded Kokopu, Shortfinned Eel, Longfinned Eel		

Catchment	River, Stream or Lake	Tributary	Species Present	
		Raroa Stream	Bluegilled Bully, Redfinned Bully, Inanga, Torrentfish	
		Tarepe Stream	Bluegilled Bully, Redfinned Bully, Common Bully, Common Smelt, Longfinned Eel, Shortfinned Eel, Inanga	
		Parau Stream	Longfinned Eel, Redfinned Bully	
		Parau Stream Tributary (W16 706 263)	Longfinned Eel, Shortjawed Kokopu, Longfinned Eel, Redfinned Bully	
		Waihui Stream	Koaro	
		Manaohou Stream	Koaro	
		Te Paraunu Stream	Koaro	
		Mangapouri Stream	Shortjawed Kokopu, Bluegilled Bully, Redfinned Bully, Longfinned Eel	
Ohiwa Harbour	Wainui Stream (W15 672 457)		Banded Kokopu, Common Bully, Inanga, Common Smelt, Shortfinned Eel, Giant Bully, Black Flounder, Grey Mullet, Yellow-eyed Mullet	
		Wainui Stream Tributary (W15 663 433 W15 661 445 W15 663 431 W15 656 403 W15 657 413 W15 654 407 W15 654 429 W15 654 417 W15 663 434)	Common Smelt, Shortfinned Eel, Longfinned Eel, Redfinned Bully, Inanga, Koura, Banded Kokopu, Koaro, Common Bully, Bluegill Bully, Torrentfish	
	Nukuhou River (W15 707 437)		Inanga, Common Bully, Shortfinned Eel, Longfinned Eel, Red-finned Bully, Common Smelt	
		Arawhatawhata Stream (W15 710 277 W15 713 274)	Banded Kokopu, Shortjawed Kokopu, Koaro, Longfinned eel, Redfinned Bully, Common Bully, Bluegill Bully	
		Kotare Stream (W15 713 422)	Common Bully, Inanga, Common Smelt, Longfinned Eel, Shortfinned Eel	
		Waionepu Stream (W15 731 278)	Longfinned Eel	
	Ohope	Maraetotara Stream		Giant Kokopu, Shortjawed Kokopu, Shortfinned Eel, Longfinned Eel, Redfinned Bully, Unidentified Eel, Torrentfish, Common Bully, Common Smelt
			Maraetotara Stream Tributary (W15 639 475)	Banded Kokopu, Redfinned Bully
Unnamed stream discharging into coast. Directly west of Maraetotara Stream running alongside road to Whakatane.			Banded Kokopu	
Waiotahe	Waiotahe River		Unidentified Bully, Torrentfish, Longfinned Eel, Common Bully, Common Bully, Inanga	

Catchment	River, Stream or Lake	Tributary	Species Present
		Ataurere Stream	Redfined Bully, Unidentified Eel, Longfined Eel, Unidentified Galaxiid
		Ataurere Stream Tributary (W16 777 343)	Redfined Bully, Unidentified Eel, Longfined Eel, Shortfined Eel, Unidentified Bully
		Waitahi River Tributary (W16 759 311)	Redfined Bully, Longfined Eel, Common Bully, Torrentfish
Waioeka	Waioeka River Mouth		Banded Kokopu, Inanga
	Waioeka River		Bluegilled Bully, Common Smelt, Inanga, Shortfined Eel, Longfined Eel, Torrentfish
		Cruen Creek	Koaro, Bluegilled Bully, Redfined Bully, Common Bully, Longfined Eel, Shortfined Eel, Inanga, Common Smelt, Torrentfish
		Papepeti Stream	Koaro, Bluegilled Bully, Redfined Bully, Common Bully, Longfined Eel, Torrentfish
		Unnamed Tributary (W16 869 374)	Redfined Bully, Longfined Eel
		Marawaiwai Stream	Banded Kokopu, Redfined Bully, Longfined Eel, Common Bully, Redfined Bully, Torrentfish: Unidentified Eel, Unidentified Galaxiid
		Marawaiwai Stream Tributary (W16 878 365)	Banded Kokopu, Redfined Bully, Unidentified Bully, Longfined Eel, Unidentified Eel
		Stoney Creek	Shortjawed Kokopu, Common Bully, Inanga, Longfined Eel
		Kukomoa Creek	Common Bully, Inanga, Shortfined Eel, Redfined Bully, Longfined Eel, Torrentfish, Common Smelt
		Omaukora Stream	Redfined Bully, Torrentfish, Bluegilled Bully
Owhiritoa Stream	Bluegilled Bully, Longfined Eel, Common Bully, Torrentfish		
Waiaua	Waiaua River		Common Bully, Common Smelt, Shortfined Eel, Longfined Eel, Cran's Bully, Redfined Bully, Torrentfish, Cockabully
		Opape Stream	Inanga, Shortfined Eel
Torere	Torere River		Bluegilled Bully, Common Bully, Cran's Bully, Inanga, Shortfined Eel, Longfined Eel, Torrentfish
Hawai	Hawai River		Common Smelt, Longfined Eel, Unidentified Bully
Motu	Motu River		Bluegilled Bully, Common Bully, Inanga, Shortfined Eel, Longfined Eel, Torrentfish
		Motu River Tributary (X15 161 614)	Common Bully, Inanga, Longfined Eel, Redfined Bully
		Motu River Tributary (X15 160 613)	Banded Kokopu, Common Bully, Longfined Eel, Shortfined Eel, Inanga
		Mangakirikiri Stream	Koaro, Bluegilled Bully, Redfined Bully, Longfined Eel, Shortfined Eel, Torrentfish, Unidentified Galaxiid
		Omatapo Stream	Koaro
		Te Pohoe Stream	Banded Kokopu, Bluegilled Bully, Redfined Bully, Common Bully, Longfined Eel, Torrentfish
		Tutu Stream	Banded Kokopu, Longfined Eel, Shortfined Eel



Catchment	River, Stream or Lake	Tributary	Species Present
		Omawaka Stream	Redfinned Bully, Longfinned Eel, Shortfinned Eel, Cran's Bully
		Te Wai o Paohu Stream	Giant Kokopu, Redfinned Bully, Common Bully, Giant Bully, Longfinned Eel, Unidentified Galaxiid.
		Waiopoahu Stream	Koaro, Common Bully, Redfinned Bully, Inanga, Longfinned Eel, Torrentfish, Giant Kokopu, Giant Bully, Unidentified Galaxiid
		Houpoto Stream	Redfinned Bully, Common Bully, Inanga, Longfinned Eel
		Mangatutara Stream	Koaro, Bluegilled Bully, Longfinned Eel, Torrentfish, Unidentified Eel
		Mangatutara Stream Tributary (Y15 369 537)	Koaro, Bluegilled Bully, Longfinned Eel, Torrentfish, Shortjawed Kokopu
		Te Kahika Stream	Bluegilled Bully, Longfinned Eel, Torrentfish, Koaro
		Kohoka Stream	Koaro
		Kohoka Stream Tributary (Y15 357 429)	Koaro
		The Big Unknown Stream	Bluegilled Bully, Common Bully, Unidentified Eel, Torrentfish, Koaro
		Waihunga Stream	Koaro, Bluegilled Bully, Longfinned Eel, Torrentfish
		Takaputahi River	Koaro
		Takaputahi River Tributary (X16 134 354)	Koaro, Shortjawed Kokopu
		Rawea Stream	Koaro
		Whitikau Stream	Shortjawed Kokopu
		Whitikau Stream Tributary (X16 128 257)	Koaro
Mangaotane Stream Tributary (Y16 300 360)	Koaro		
Pokahinu	Waihapokopoko Stream		Koaro, Shortjawed Kokopu, Banded Kokopu, Redfinned Bully, Longfinned Eel, Shortfinned Eel
	Waiora Stream		Common Bully, Inanga, Shortfinned Eel, Longfinned Eel
Haparapara	Haparapara River		Shortjawed Kokopu, Giant Kokopu
		Haparapara River Tributary (X15 253 648)	Koaro, Shortjawed Kokopu, Bluegilled Bully, Redfinned Bully, Longfinned Eel, Shortfinned Eel, Unidentified Galaxiid, Common Bully
		Waikakariki River	Bluegilled Bully, Torrentfish, Unidentified Eel, Unidentified Galaxiid
		Waikakariki River Tributary (X15 281 667)	Shortjawed Kokopu, Bluegilled Bully, Redfinned Bully, Shortfinned Eel
Te Kaha	Puremutahuri Stream		Banded Kokopu, Bluegilled Bully, Redfinned Bully, Inanga, Longfinned Eel, Torrentfish
Kereru	Kereru River		Bluegilled Bully, Cran's Bully, Longfinned Eel, Redfinned Bully
		Kereru River Tributary (Y14 334 727)	Banded Kokopu, Bluegilled Bully, Longfinned Eel, Redfinned Bully
		Ohinetutaekiora Stream	Banded Kokopu, Shortjawed Kokopu

Catchment	River, Stream or Lake	Tributary	Species Present
		Swamp	
		Ponuihine Stream	Banded Kokopu, Common Bully, Longfinned Eel, Shortfinned Eel
		Kaumaro Stream	Bluegilled Bully, Common Bully, Redfinned Bully, Longfinned Eel, Shortfinned Eel, Inanga, Lamprey
Whanarua	Whanarua Stream		Koaro, Short-Jawed Kokopu, Bluegilled Bully, Redfinned Bully, Longfinned Eel, Inanga, Torrentfish, Banded Kokopu, Common Bully, Common Smelt, Inanga, Shortfinned Eel, Giant Kokopu
Kopua	Kopua Stream		Banded Kokopu, Bluegilled Bully, Longfinned Eel, Shortfinned Eel, Inanga.
	Whakaataua Stream		Banded Kokopu, Redfinned Bully, Longfinned Eel, Bluegilled Bully, Common Bully, Inanga, Shortfinned Eel
Maraehako	Maraehako Stream		Inanga, Shortfinned Eel
Raukokore	Raukokore River		Common Bully, Inanga, Shortfinned Eel, Redfinned Bully, Torrentfish
Waihau	Waitewake Stream		Giant Kokopu, Bluegilled Bully, Common Bully, Inanga, Longfinned Eel, Torrentfish
Whangaparaoa	Whangaparaoa River		Cran's Bully, Inanga, Torrentfish, Unidentified Eel
		Te Rereauira Stream	Cran's Bully, Inanga, Shortfinned Eel, Longfinned Eel

## **B Habitats of threatened indigenous flora and fauna**

Catchment	Central Grid Reference	Species Present
<b>Waihi Beach Catchment</b>		
Mangakiri Stream	T13 580 100	Hochstetter's Frog
<b>Tauranga Harbour Catchment</b>		
Waitengaue Stream	T13 620 067	Blue Duck
Tahawai Stream Tributary	T13 646 044	Hochstetter's Frog
Te Rereatukahia Tributary	T14 623 954	Hochstetter's Frog
Aongatete River Tributary	T14 665 880	Hochstetter's Frog
Wainui River Tributary	U14 700 820	Little Shag
Omanawa River	U15 822 627	Little Shag
Mangapapa River	U15 791 556	Blue Duck
Opuia River	U15 735 596	Blue Duck
Ngamuwahine River	T14 600 600	Blue Duck
Ngatuhua Stream	U15 754 649	Blue Duck
<b>Kaituna River Catchment</b>		
Kaituna River Mouth	V14 108 776	Spoonbill, Pied Shag, Black Shag (breeding)
Kaituna River	U15 040 559	Blue Duck
Atuaroa Stream	U14 996 709	Little Shag

Catchment	Central Grid Reference	Species Present
Raparapahoe Stream Tributary	U14 952 693 and 955 693	Hochstetter's Frog
Mangatoi Stream	U15 965 626	Blue Duck
Te Rerenga Stream	U15 910 594	Blue Duck
Whataroa Gorge	U15 971 617	Blue Duck
Tarehapa and Taumatapaua Stream (Upper Whataroa)	U15 928 581	Blue Duck
Mangorewa River	U15 883 535	Blue Duck
	U15 884 543	Blue Duck
Upper Mangorewa Gorge	U15 928 557	Blue Duck
Kiwi Stream	U15 974 566	Blue Duck
Ohaupara River	U15 887 551	Blue Duck
Pipikarahi Stream	U15 939 555	Blue Duck
<b>Rotorua Lakes Catchments</b>		
Parengarenga Springs	U15 050 453	<i>Juncus holoschoenus</i>
	U15 050 453	<i>Juncus holoschoenus</i>
Lake Rotorua Mokoia Island	U15 978 415	<i>Rorippa divaricata</i>
	U15 978 415	<i>Rorippa divaricata</i>
	U15 978 415	<i>Rorippa divaricata</i>
	U15 978 415	<i>Rorippa divaricata</i>
Ohau Channel	U15 025 455	Little Shag breeding site. Good water bird numbers e.g. NZ Scaup, Dabchick
Utuhina Stream	U16 848 316	Blue Duck
Paradise Valley Springs	U16 863 364	Blue Duck
Lake Rotorua	U16 948 367	Outstanding area for water birds
Puarenga Stream	U16 946 317	Hemo Gorge Little Shag colony
Lake Okataina	U16 090 355	NZ Scaup, Dabchick
Lake Rotokawau	U15 063 423	NZ Dabchick
Lake Rotongata (Mirror Lake)	V15 102 420	NZ Scaup, Spotless Crake, NZ Dabchick, Australasian Bittern
Lake Okaro	U16 070 172	Range of waterbirds including NZ Dabchick, Little Shag, Little Black Shag
Lake Rerewhakaaitu	U16 165 173	Range of waterbirds including NZ Dabchick, NZ Scaup, Australasian Bittern, Little-Shag
Lake Tarawera	U16 057 273	NZ Dabchick, NZ Scaup, and a wide range of other water birds
Te Wairoa Stream	U16 040 266	NZ Scaup, Dabchick
Lake Okareka	U16 045 315	NZ Scaup, NZ Dabchick and range of other water birds
Lake Tikitapu	U16 014 289	<i>Rorippa divaricata</i>
	U16 020 290	NZ Scaup, NZ Dabchick and other water birds
Lake Rotokakahi	U16 010 265	NZ Scaup, NZ Dabchick and other water birds
<b>Tarawera River Catchment</b>		
Tarawera River	V16 185 316	Brown Teal (very rare), N.Z Scaup
Braemar Lagoon Outlet	V15 384 524	NZ Scaup

Catchment	Central Grid Reference	Species Present
Tarawera Outlet	V16 170 297	NZ Scaup, Black Shag, Little-Shag
<b>Rangitaiki River Catchment</b>		
Rangitaiki River Mouth	W15 514 585	Range of waterbirds including shags
Rangitaiki River	V17 293 884	Blue Duck
Lake Aniwhenua	V16 400 105	NZ Scaup, NZ Dabchick and range of other water birds
Lake Matahina	V16 449 361	NZ Dabchick, Scaup, Black Shag
Mangamako Stream	V16 444 204	Blue Duck
Pahekeheke Stream	V16 405 175	NZ Dabchick, Banded Dotterel, Caspian Tern, Australasian Bittern, Spotless Crake, NI Fernbird, NZ Scaup
Horomanga River	V14 379 082	Blue Duck
Whirinaki River	V17 370 959	Blue Duck
	V18 317 720	Blue Duck
	V18 294 563	Blue Duck
	V18 295 559	Blue Duck
	V18 295 563	Blue Duck
	V18 295 689	Blue Duck
	V18 296 689	Blue Duck
	V18 297 680	Blue Duck
	V18 298 692	Blue Duck
	V18 298 693	Blue Duck
	V18 298 698	Blue Duck
	V18 300 559	Blue Duck
	V18 302 643	Blue Duck
	V18 288 575	Blue Duck
	V18 285 680	Blue Duck
	V18 287 593	Blue Duck
Kakanui Stream	V18 284 675	Blue Duck
Taumutu Stream	V18 287 620	Blue Duck
	V18 289 620	Blue Duck
Kakaiti Stream	V18 293 618	Blue Duck
Kakanui Stream	V18 314 629	Blue Duck
Mangamate Stream	V18 315685	Blue Duck
Unnamed Stream	V17 380 890	Blue Duck
Minginui Creek	V18 365 732	Blue Duck
Pekepeke Stream	V17 270 967	NI Fernbird
Otamatea River	V18 206 729	Blue Duck

Catchment	Central Grid Reference	Species Present
<b>Whakatane River Catchment</b>		
Whakatane River Estuary	W15 542 605	Caspian Tern, Royal Spoonbill, Banded Dotterel, Australasian Bittern, Banded Rail, NI Fernbird and a range of other waterbirds
Whakatane River main stem		Banded Dotterel breeding, other waterbirds
Otapukawa Stream	W17 715 050	Black Shag
<b>Ohiwa Harbour Catchment</b>		
Te Kakaha Stream	W15 750 414	Spotless Crake
Awaraputuna Stream Inlet	W15 667 495	Australasian Bittern, NI Fernbird
Tunanui Stream Inlet	W15 662 485	Australasian Bittern, NI Fernbird
Waiotane Stream	W16 665 475	Banded Rail, NI Fernbird
Wainui Stream Lower reaches	W15 669 465	NI Fernbird, Spotless Crake, Banded Rail
Kutarere Stream	W15 743 426	Banded Rail
Whitiwhiti Stream	W15 677 479	NI Fernbird
Ouaki Creek	W15 698 456	Australasian Bittern, Banded Rail, NI Fernbird
Te Awawairoa Stream	W15 730 428	Banded Rail, NI Fernbird
Kutarere Stream	W15 738 425	Banded Rail
Unnamed Stream West of Papanui Road	W15 745 424	Banded Rail
Unnamed Stream at Reeves Road	W15 747 456	Banded Rail
Nukuhou River	W15 707 440	NI Fernbird, Spotless Crake, Banded Rail, shags (various)
<b>Waiotaha River Catchment</b>		
Waiotaha River Mouth	W15 780 475	Caspian Tern, Australasian Bittern, Banded Rail, 4 species of shag, Pied Shag roosting/breeding
<b>Waioeka/Otara River Catchment</b>		
Waioeka River	W16 878 117	Blue Duck
Wairata Stream	W16 884 123	Blue Duck
Wairata Waioeka Gorge	W16 881 172	Hochstetter's Frog
Waioeka River Tributary	W16 845 288	Hochstetter's Frog
Matahanea Creek	W16 852 313	Hochstetter's Frog
Tributary Owhiritoa Stream	W16 857 285	Hochstetter's Frog
Oponae Waiata Stream	W16 810 197	Hochstetter's Frog
Opato Stream	W16 800 100	Blue Duck
Manganuku Stream	X16 935 142	Blue Duck
Te Pato Stream (Kotepato)	W17 882 097	Hochstetter's Frog
Kahunui Stream	W17 843 022	Blue Duck

Catchment	Central Grid Reference	Species Present
Tataweka Stream	W17 773 964	Blue Duck
Makakoere Stream	W17 790 915	Blue Duck
Te Waiti Stream	X16 948 318	Blue Duck
Tokenui Stream	X16 958 267	Hochstetter's Frog
Orokutia Stream	X16 985 328	Blue Duck
Pakahi Stream	X16 001 293	Blue Duck
<b>Motu River Catchment</b>		
Mangakirikiri Stream	X15 208 438	Hochstetter's Frog
Motu River Mouth	X15 140 610	Banded Dotterel
Motu River	X16 150 235	Hochstetter's Frog
Motu River Tributary	X15 264 523	Hochstetter's Frog
Houpoto Stream	W15 137 578	Spotless Crake
Manuriki Stream	X15 208 527	Blue Duck
Tributary Manuriki Stream	X15 199 566	Hochstetter's Frog
Huaero Stream	X15 251 566	Hochstetter's Frog
Mangatutara Stream	Y15 461 539	Hochstetter's Frog
Kahoka Stream Tributary	Y15 357 429	Blue Duck
Te Kahika Stream	X15 280 477	Blue Duck
Takaputahi River	X16 103 322	Blue Duck
Rawea Stream	X15 126 388	Blue Duck
Nga Upokotangata Stream	X16 071 340	Blue Duck
Waitukuaruhe Stream	X16 084 312	Blue Duck
Mangamate Stream - All Tributaries	X16 100 300	Hochstetter's Frog
Mangamate Stream	X16 165 446	Blue Duck
Whitikau Stream	X16 123 297	Blue Duck
<b>Eastern Rivers Catchments</b>		
Opape Stream	X15 998 485	Blue Duck
Waiaua River	X15 976 450	Spotless Crake
Takataka Stream Tributary	X15 049 440	Hochstetter's Frog
Oteakona Stream	X15 990 410	Hochstetter's Frog
Waiiti Stream	X15 087 499	Hochstetter's Frog
Te Whiorau Stream		Hochstetter's Frog
Haparapara River		Banded Dotterel
Te Waiohuinga Stream Tributary	X15 204 650	Hochstetter's Frog
Waikakariki River	Y15 352 658	Blue Duck
Waikakariki River Tributary	X15 252 671	Hochstetter's Frog
Waiorere Stream	X15 233 698	Hochstetter's Frog
Orini Stream	X15 214 685	Hochstetter's Frog
Kereru River		Hochstetter's Frog in Whanarua-Kereru corridor
Whanarua Stream	Y14 323 796	Hochstetter's Frog
Raukokore River Mouth, Lagoon and Lower River	Y14 400 816	Caspian Tern, Banded Dotterel breeding site
Raukokore River	Y14 451 755	Hochstetter's Frog

Catchment	Central Grid Reference	Species Present
	Y15 437 679	Hochstetter's Frog
	Y15 460 677	Hochstetter's Frog
	Y15 416 617	Blue Duck
	Y15 422 598	Blue Duck
	Y15 426 629	Blue Duck
	Y15 440 639	Blue Duck
	Y15 440 642	Blue Duck
	Y15 445 647	Blue Duck
	Y15 450 686	Blue Duck
	Y15 454 650	Blue Duck
	Y15 455 671	Blue Duck
	Y15 461 673	Blue Duck
Raukokore River Tributary	Y14 406 785	Hochstetter's Frog
Raukokore River Tributary	Y14 387 806	Hochstetter's Frog
Mangaikakorea Stream	Y14 401 791	Hochstetter's Frog
Mangahatoto Stream	Y14 396 799	Hochstetter's Frog
Waihueroto Stream	Y14 391 778	Hochstetter's Frog
Okapua Stream	Y15 459 657	Blue Duck
Unnamed Stream	Y15 462 639	Blue Duck
Waitawake Stream	Y14 502 894	NZ Dotterel, Australasian Bittern, Spotless Crake, Fernbird
Whangaparaoa River Mouth	Y14 515 915	NZ Dotterel, Australasian Bittern, Spotless Crake, Fernbird
Te Rereaurira Stream	Y14 565 909, Y14 580 904	NI Fernbird, Spotless Crake, Australasian Bittern

### C Whitebait Spawning Sites

The tidal reaches of any river or stream flowing into a harbour or estuary, or to the open coast are also potential whitebait spawning areas.

Name of River or Stream	Central Grid Reference
Kaikokopu Canal	V14 164 747
Kaituna River Mouth	V14 101 779
Kaituna River	U14 062 789
Nukuhou River	W15 707 440
Otara River	W15 866 474
Otara River	W15 868 473
Pongakawa Canal	V14 171 745
Pukehina Canal	V14 171 746
Rangitaiki River	V15 501 573
Tunanui Stream Inlet	W15 662 485
Uretara Stream	T13 679 016
Waiau River	U13 711 136
Waiaua River	X15 955 478
Waiaua River	X15 596 477
Waioeka/Otara River	W15 854 463

Name of River or Stream	Central Grid Reference
Waioeka/Otara River	W15 866 474
Waioeka River	W15 839 475
Waiotahe River	W15 783 458
Waiotane Stream	W16 665 475
Wairoa River	U14 837 835
Wairoa River	U14 837 834
Whakatane River	W15 578 530
Whakatane River	W15 595 534

## D Important Habitats of Trout

Catchment	River, Stream or Lake	Comments
Eastern Region Motu	Raukokore River	Trout habitat values in upper reaches of river.
	Motu River	Regionally significant trout habitat and fishery value.
	Takaputahi River	Regionally significant trout habitat values (spawning) and locally significant fishery values.
Waioeka/Otara	Waioeka River	Regionally significant trout habitat and fishery values.
	Otara River	Locally significant trout habitat and brown trout fishery values.
	Opato Stream	Regionally significant trout habitat values (resident adult and spawning habitats), locally significant fishery values.
	Wairata Stream	Locally significant trout habitat values (spawning).
	Koranga Stream	Regionally important adult and spawning habitats (upper tributary).
	Kahunui Stream	Locally significant trout habitat and fishery values.
Waiotahe	Waiotahe Stream	Locally significant trout habitat and fishery values.
Whakatane	Whakatane River	Regionally significant trout habitat and fishery values.
	Tauranga River	Regionally significant trout habitat and fishery values.
	Waikare River	Locally significant trout habitat and fishery values.
	Kahaki Stream	Locally significant trout habitat values.
	Ohora Stream	Locally significant trout habitat values.
	Owaka Stream	Locally significant trout habitat values.
Rangitaiki	Rangitaiki River	Regionally significant trout habitats and fishery throughout its length.
	Rangitaiki River	Locally significant trout habitat and fishery values.
	Waikokopu Stream	This tributary provides significant spawning and juvenile rearing habitats.
	Waihua Stream	Locally significant trout habitat and fishery values.
	Mangamako Stream	Locally significant trout habitat.
	Lake Aniwhenua	Regionally significant trout habitat and fishery values.
	Ngatamawahine Stream	Locally significant trout habitat values.
	Horomanga River	Regionally significant trout habitat and fishery values.
	Haumea Stream	Locally significant trout habitat values.
	Whirinaki River	Regionally significant trout habitat and fishery values.
	Wheao River	Regionally significant trout habitat and fishery values.
	Lake Flaxy	Regionally significant trout habitat and fishery values.
Otamatea River	Locally significant trout habitat and fishery values.	
Tarawera	Tarawera River (above falls)	Nationally significant habitat values and internationally significant fishery values.



Catchment	River, Stream or Lake	Comments
	Falls to Kawerau	Regionally significant habitat and fishery values.
	Mangaone Stream	Locally significant habitat and fishery values.
	Ruruanga Stream	Locally significant habitat and fishery values.
	Buddles Creek	Locally significant trout habitat.
	Kaipara Stream	Locally significant trout habitat.
	Waiautu Stream	Locally significant trout habitat.
Pongakawa	Pongakawa Stream	Locally significant habitat and fishery values.
Kaituna	Kaituna River	Regionally significant habitat and fishery values.
	Mangorewa River	Locally significant trout habitat.
	Waiari Stream	Locally significant trout habitat and fishery values.
Tauranga Harbour	Waimapu Stream	Locally significant trout habitat and fishery values.
	Mangakarengorengo (upstream of Kaimai 5 Power Station)	Regionally significant habitat and fishery values.
	Mangaonui Stream	Regionally significant habitat and fishery values.
	Ngatuhoa (between confluence with Opuiaki River and NZMS 260 U15 758 645 approx)	Regionally significant habitat and fishery values.
	Ngatuhoa (upstream of Ngatuahoa Canal)	Regionally significant habitat and fishery values.
	Mangapapa (between confluence with Opuiaki River and Lower Mangapapa Power House)	Regionally significant habitat and fishery values.
	Mangapapa (upstream of weir for Kaimai Hydroelectric Power Scheme Tunnel No 2)	Regionally significant habitat and fishery values.
	Mangaroa Stream	Regionally significant habitat and fishery values.
	Mangakaiwhiria Stream	Regionally significant habitat and fishery values.
	Hourere Stream	Locally significant trout habitat.
	Ngamuwahine River	Regionally significant habitat and fishery values.
	Opuiaki River	Locally significant trout habitat.
	Lake Mangapapa (Matariki)	Trout exists but no significant trout habitat.
	Lake McLaren	Locally significant trout habitat and fishery values.
	Tuapiro Stream	Locally significant trout habitat
	Rotorua Lakes	Lake Rotorua
Puarenga Stream		Locally significant trout habitat – may have brook char population.
Utuhina Stream		Regionally significant habitat and fishery values.
Ngongotaha Stream		Nationally significant habitat and fishery values.
Waimata Stream		Locally significant habitat values – supports trout hatchery.
Waiowhero Stream		Locally significant trout habitat.
Waikuta Stream		Locally significant trout habitat.
Waiteti Stream		Regionally significant habitat and fishery values.
Awahou Stream		Nationally significant habitat and fishery values. Cold water source.

Catchment	River, Stream or Lake	Comments
	Hamurana Stream	Nationally significant habitat and fishery values. Cold water source.
	Waiohewa Stream	Locally significant trout habitat.
	Waingaehe Stream	Locally significant trout habitat.
	Ohau Channel	Regionally significant habitat values and nationally significant fishery values. The Ohau Channel also acts as a significant migratory corridor for trout passing between lakes Rotoiti and Rotorua.
	Lake Rotoiti	Nationally significant habitat values and internationally significant fishery values.
	Te Taroa (Coles) Stream	Regionally significant habitat values.
	Hauparu Stream	Regionally significant habitat values and locally significant fishery values.
	Ruato Stream	Regionally significant habitat values and fishery values.
	Waiti Stream	Locally significant habitat and fishery values.
	Tapuaeharuru Stream (Transformer)	Locally significant habitat and regionally significant fishery values.
	Lake Rotoehu	Regionally significant habitat and fishery values. Most of the wild spawning is thought to occur in Maero Stream on the southern side of the lake.
	Lake Rotoma	Regionally significant habitat and fishery values. Lake contains tiger trout (brook char-brown trout hybrid).
	Lake Okataina	Nationally significant habitat values and internationally significant fishery values.
	Western tributaries (Log pool, Rayner 1 & 2, Unnamed stream in south western corner V16 604 348)	Regionally significant habitat and fishery values.
	Lake Tarawera	Nationally significant habitat values and internationally significant fishery values.
	Tarawera Outlet	Nationally significant habitat values and internationally significant fishery values.
	Wairua Stream	Regionally significant habitat and fishery values.
	Te Wairoa Stream	Nationally significant habitat values and regionally significant fishery values.
	Waitangi Stream	Regionally significant habitat and fishery values.
	Reg's Creek (Western Spring Streams)	Locally significant habitat and fishery values.
	Lake Rotomahana	Regionally significant habitat and fishery values, Most known spawning occurs in the two streams flowing from the south into the lake, the Waingongonga Stream and the other unnamed stream on its western side.
	Lake Rerewhakaaitu	Regionally significant habitat and fishery values.
	Lake Okaro	Locally significant habitat and fishery values.
	Lake Rotokakahi	Regionally significant habitat and fishery values to local iwi.
	Lake Tikitapu	Regionally significant habitat and fishery values.
	Lake Okareka	Regionally significant habitat and fishery values. There is thought to be some wild spawning in the outlet (Waitangi Stream) and also on an unnamed tributary on the south eastern shore.