



Rotoiti Forest Wetlands

Site Number: SNA85
Ecological District: Rotorua Lakes
Source of Information: Shaw and Beadel (1998)
Digital Scale: 1:2,000
Data Source: RDAM 2006
Regional Council: Bay of Plenty
1998 Site Number: NHS85
Current Tenure: Unprotected
Site Area: 4.6 ha
Altitude Range: 560-630 m
Bioclimatic Zone: Lowland and submontane
Grid Reference: NZTM E1908858, N5779448

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	<ul style="list-style-type: none"> • <i>Eleocharis gracilis</i>/<i>Myriophyllum pedunculatum</i> subsp. <i>novae-zelandiae</i> herbfield (with local <i>Baumea rubiginosa</i> and scattered <i>Lachnagrostis filiformis</i>) • <i>Baumea rubiginosa</i> sedgeland (with local <i>Myriophyllum pedunculatum</i> subsp. <i>novae-zelandiae</i> and spike sedge). • Manuka-(Spanish heath)/<i>Lepidosperma australe</i>/<i>Sphagnum cristatum</i> shrubland (with a few emergent radiata pine, scattered <i>Coprosma propinqua</i> × <i>robusta</i>, and local <i>Centella uniflora</i>, <i>Gonocarpus micranthus</i>, koromiko, <i>Lobelia angulata</i> and Yorkshire fog). • <i>Eleocharis sphacelata</i> reedland (emergent over locally common <i>Sphagnum cristatum</i>). 	Wetland	4.6 ha
		Wetland	
		Wetland	
		Wetland	

Indigenous Flora: Common wetland species including *Juncus edgariae*, *J. prismatocarpus*, *Carex geminata*, spike sedge, *Baumea teretifolia*, swamp kiokio, and *Gratiola sexdentata*, are present in these wetlands. No threatened or at risk species as listed in de Lange *et al.* (2009) have been recorded from this site.

Fauna: Birds of open habitats and wetlands are likely to utilise these areas. No threatened or at risk species as listed in Miskelly *et al.* (2008) have been recorded from this site.

Notes on Overall Condition: Small, modified wetland and peaty mire fragments in good condition.

Change Relative to Shaw and Beadel (1998): Unknown

Threats/Modification/Vulnerability: Parts of these wetlands may be planted in pines, although the wetter areas are unlikely to be drained as they are used as water reservoirs for fire fighting. None of these wetlands are grazed by stock, but deer sign was observed throughout this area in 1996.

Risk Assessment: Unknown

Significance Level: Local (Appendix 4 - Table 1 - Criteria 1, 8; Table 2 - Factor L1).

Significance Justification:	<p>This site is of local significance as it comprises several small and somewhat modified wetlands. However these wetlands are dominated by indigenous species and are relatively natural.</p> <p>The extent of wetlands have been greatly reduced in the ecological district, and wetlands are under-represented in the existing reserve system.</p>
Fieldwork Required:	No fieldwork required to assess significance, but fieldwork required to update biodiversity and management information.
Notes:	<p>Part of this site extends beyond Rotorua Lakes Ecological District.</p> <p>This site was identified as a “Recommended Area for Protection” (RAP No. 85) in the natural area survey of Rotorua Lakes ED (Beadel <i>et al.</i> 1998).</p>
References:	Shaw and Beadel (1998); Beadel <i>et al.</i> (1998).