



Oturoa Road Junction

Site Number: SNA16
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: NHS No. 16
Current Tenure: Unprotected
Site Area: 1.7 ha
Altitude Range: 560 m
Bioclimatic Zone: Lowland
Grid Reference: NZTM E1870130, N5785258

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	(a) Manuka/ <i>Sphagnum</i> scrub (with scattered <i>Coprosma tayloriae</i> , and local <i>Eleocharis gracilis</i> and <i>Baumea teretifolia</i>). (b) Manuka-gorse shrubland (c) Pole kahikatea-pole rimu-pole tanekaha-pole totara-kamahi-(tawari)-(hinau)/manuka-(<i>Coprosma tayloriae</i>)-(horopito; <i>Pseudowintera colorata</i>) scrub. (d) Hard beech-silver beech-tawari-tawa forest (with scattered rimu; gorse around margins).	Wetland Flat; gentle hillslopes Wetland Gentle hillslopes	1.7 ha

Indigenous Flora: Species present include *Drosera binata*, *Gonocarpus micranthus* and *Gleichenia dicarpa*. This is one of only three sites in Rotorua Lakes Ecological District where silver beech occurs. No threatened or at risk species as listed in de Lange *et al.* (2009) have been recorded from this site.

Fauna: North Island fernbird ('At Risk - Declining' in Miskelly *et al.* 2008) is known to be present.

Notes on Overall Condition: Wetland and secondary scrub induced by previous clearance, modified by grazing and the establishment of adventive species; forest remnants modified by logging and grazing, isolated by clearance of surrounding land and its conversion to pasture.

Change Relative to Shaw and Beadel (1998): Likely to have undergone continued decline in quality.

Threats/Modification/Vulnerability: This site was grazed in 1996, facilitating the establishment of adventive weeds. Drains are present in parts of the wetland.

Risk Assessment: Grazing: Risk to site - high; Timeframe - high.
 Pest plants: Risk to site - medium; Timeframe - medium.
 Drainage of wetland: Risk to site - high; Timeframe - high.

Significance Level: Based on 1996 information:

 Regional (Appendix 4 - Table 1 - Criteria 1, 2, 10; Table 2 - Factor R9).

Significance Justification:	Based on 1996 information, this site is regionally significant because it comprises a small example of indigenous wetland vegetation, scrub and forest, an array of habitats rare in the Rotorua Lakes Ecological District. Wetlands are a much reduced habitat type nationally. Contains silver beech and North Island fernbird ('At Risk - Declining').
Fieldwork Required:	Yes. Management and biodiversity information is dated. Vegetation maps require updating.
Notes:	This site was identified as a "Recommended Area for Protection" (RAP No. 16) in the natural area survey of Rotorua Lakes ED (Beadel <i>et al.</i> 1998). As this is a relatively small site, fencing would be desirable.
References:	Shaw and Beadel (1998); Beadel <i>et al.</i> (1998).