



## Mission Bay Bush

**Site Number:** SNA22  
**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. 22  
**Current Tenure:** Unprotected  
**Site Area:** 24.9 ha  
**Altitude Range:** 380-430 m  
**Bioclimatic Zone:** Lowland  
**Grid Reference:** NZTM E1889711, N5785421

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Mangeao-tawa-rewarewa-(pukatea) forest (with local kohekohe).	Flat; gentle hillslopes	24.6 ha
2	Clearings	Flat	0.3 ha

**Indigenous Flora:** No threatened or at risk species as listed in de Lange *et al.* (2009) have been recorded from this site. This site contains kohekohe near its inland limit in this part of Rotorua Lakes Ecological District.

**Fauna:** Common forest birds recorded in 1996 included tui, grey warbler, and whitehead. No threatened or at risk species as listed in Miskelly *et al.* (2008) have been recorded from this site.

**Notes on Overall Condition:** Indigenous forest modified by logging and grazing. Several small clearings were dominated by pasture species.

**Change Relative to Shaw and Beadel (1998):** Unknown, probably little change.

**Threats/Modification/Vulnerability:** This site is heavily grazed, although the landowner is keen to see the area fenced to exclude grazing.

**Risk Assessment:** If grazing is still occurring by stock: Risk to site - high; Timeframe - high.

**Significance Level:** Local (Appendix 4 - Table 1 - Criteria 1, 8, 9, 11, 12; Table 2 - Factor L1).

**Significance Justification:** This site is of local significance as it is an example of indigenous forest on undulating to hilly landform. This site is a small example of a healthy indigenous forest typical of the character of Rotorua Lakes Ecological District.

**Fieldwork Required:** No fieldwork required to assess significance, but fieldwork required to update biodiversity and management information.

**Notes:** This site was identified as a "Recommended Area for Protection" (RAP No. 22) in the natural area survey of Rotorua Lakes ED (Beadel *et al.* 1998).

**References:** Shaw and Beadel *et al.* (1998); Beadel *et al.* (1998).