



Tiromoana Bush Advisory Group

Tiromoana Bush Year 2 (2006-2007) Work Plan

Introduction

The following Year 2 Work Plan is based on the time-line outlined in the Tiromoana Bush Restoration Project Management Plan (Section 8.8; referred to as the 'Management Plan' in this work plan). Year 2 actions are to be undertaken in the 2006/07 financial year commencing 1 July 2006. The preparation of this Year 2 Work Plan involved the Tiromoana Bush Advisory Group who reviewed the restoration activities undertaken during Year 1 (2005/06) and then approved the present work plan (see Section 10.4 of the Management Plan) at their 30 June 2006 meeting.

1. Management planning

Action 1.1: Annual work plan preparation

- Complete review of 2006/07 restoration work.
- Prepare 2007/08 work plan in time for the June 2007 Tiromoana Bush Advisory Group meeting.

Action 1.2: Tiromoana Advisory Group meetings

- Hold Advisory Group meetings in November 2006 (Tiromoana Bush) and June 2007 (Christchurch - review of 2006/07 work and approval of 2007/08 work plan).

2. Monitoring

Action 2.1: Photopoints

- Re-photograph existing photopoints in December 2006, including all permanent vegetation plot photopoints.

Action 2.2: Permanent plots

- Complete measurements (cover abundance, tree diameters and seedling heights) in the 26 forest vegetation monitoring plots.
- Establish five permanent plots in areas of gorse shrubland.
- Establish 8-12 permanent plots in grassland (stratified by distance from kanuka remnants and aspect).

- Establish permanent plots to monitor restoration plantings once they are established (see Section 9.3 of the Management Plan).

Action 2.3: Bird monitoring

- Remeasure the bird monitoring lines established in 2005 in October 2006.

Action 2.4: Other faunal monitoring

- Liaise with Department of Conservation staff re undertaking baseline surveys of reptiles and snails in Tiromoana Bush.
- Undertake an initial assessment of penguin abundance in the coastal part of Tiromoana Bush (in liaison with Department of Conservation staff) and if warranted establish a monitoring programme.
- Explore options to establish baseline invertebrate monitoring.

3. Plant and animal pest control

Action 3.1: Weed control

- Complete mapping of woody weeds
- Complete initial control of priority broom areas
- Commence removal of wilding conifers (possibly by trunk poisoning)
- Complete removal of willows (possibly by trunk poisoning)

Action 3.2: Animal pest control

- Undertake monitoring of mustelid and possum numbers.
- Liaise with AHB over their control operations in light of monitoring results.
- Review rabbit and hare numbers and instigate control if required.
- Undertake a preliminary assessment of cat numbers and implement control if required.

Action 3.3: Fencing

- Complete Ella Scenic Reserve fencing.
- Continue to maintain boundary fences.

4. Plant restoration

Action 4.1: Restoration propagation

- Continue with the different approaches to beech propagation.
- Continue with collection of seeds/cuttings for general restoration plantings (for 2007/08 and beyond).
- Plant 4000 plants in the field and instigate appropriate maintenance for 2005/06 plantings.
- Renegotiate nursery contract for next two years (2007/08 and 2008/09).
- Support ENSIS research on direct seeding.

5. Recreation and community relations

Action 5.1: Public walking track

- Complete Stage 2 of the Tiromoana Bush walkway.
- Ongoing maintenance of walkway.

Action 5.2: Newsletter, brochures and web page

- Prepare and circulate an annual restoration newsletter in late 2006.
- Launch Tiromoana Bush web site.

Action 5.3: School liaison

- Work with Untouched World Foundation to further Tiromoana Bush restoration goals and provide education to participating students.
- Make presentation on Tiromoana Bush project to interested staff and students at Rangiora High School and Hurunui College.

Action 5.4: Voluntary workers

- Facilitate voluntary input from individuals and groups to assist with the Tiromoana Bush project.