

DoC estate survey, Bridge Road, Konini. 15.7.95
Pahiatua ecological district
5.3671ha

Flora

A total of 38 species were encountered with survey of the DoC estate, and 27 of these are adventive, with the remaining 11 being indigenous spp. No species occurring on Wellington Conservancy threatened plants database was recorded.

Vegetation

The vegetation of the DoC estate comprises a mosaic between two vegetation types:

1. Tall fescue - Yorkshire fog - browntop grassland.

This type is a heavily browsed pasture, which dominates the margins of the study area, and occurs on drier areas throughout it. Other species present include occasional white clover and creeping buttercup, and scattered narrow-leaved plantain.

2. Juncus gregiflorus tussockland.

Also occurring throughout this vegetation type is occasional brown top and Yorkshire fog forming tussocks. Other species present include dandelion, dock, creeping buttercup, lotus, Carex secta and a few emergent cabbage trees.

Small examples of Eleocharis sp sedgeland and Juncus acuminatus rushland are also present throughout this vegetation type.

Vegetation on surrounding areas.

The highest-quality vegetation in the vicinity occurs on railway land, immediately adjacent to the DoC estate. This area comprises a complex of several mosaics:

3. Manuka shrubland. Occasional emergent manuka and a few examples of Olearia virgata forms a broken canopy one dense manuka and Coprosma tenuifolia, Blechnum.

Introduced spp

Dicot herbs

<u>Carduus nutans?</u>	<u>Ranunculus flammula</u>
<u>Plantago lancedata</u>	<u>Orobanche minor</u>
<u>Ranunculus repens</u>	<u>Rumex</u>

Cirsium vulgare
Cirsium palustre?
Trifidum repens
Taraxacum officinale

Polygonum salicifolium
Polygonum prostratum
Erodium moschtum?
Calystegia stagnalis
Lotus pedunculatus
Psunella vulgaris

Dicot trees/shrubs

Lupinus arboreys

Dicot lianes

Rubus fruticosus agg

Monocot lianes

Lonicera japonica

Rushes

Juncus effusus
Juncus acuminatus

Grasses

Gestuca arundinacea
Holcus lanatus
Agrostis capillaris
Alycoria declinata
Lolium perenne

Native spp

Pteridium aquilinum var esculentum
Blechnum minus

Dicot herbs

Galuim propinguum

Dicot trees/shrubs

heptospermum scoparium
Olearia virgata

Monocot trees/shrubs

Cordyline australis

Sedges

Carex secta

Isolepis prolifex

Carex sp

Eleocharis sp

Rushes

Juncus gregiflorus

Juncus planifolius



