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# Preliminary plant checklist for Middle Spur

TOPOMAP S27 335137

Eastern Wairarapa Protected Natural Area site number 2214.

## Indigenous Vascular Plants

Aalbert Rebergen, Tony Silbery, Monica McKay, Olaf John, Pat Enright 17/10/98

unc = uncommon

### Site description:

This site lies either side of a branch of the Whangaiotekapinga Stream on the McKay property at Middle Spur. The stream runs West to East and hence the vegetation on the true right facing north reflects the hotter and sunnier aspect. A large part of the bush is fenced off from stock although there are a number of deer roaming the area and selectively grazing. The understory in the fenced area shows dramatically what affect stock exclusion can have.

The streambed lies in grey marl, which is very prone to slumping and the true right, in particular where there is no bush cover reflects this. There are pine plantings on these slopes.

The vegetation on the drier north facing slopes is mainly tall kanuka (*Kunzea ericoides*) and occasional totara (*Podocarpus totara*) with an understory of *Coprosma rigida*, *C. rhamnoides*, native broom (*Carmichaelia australis*) and bush lawyer (*Rubus* sp.). One notable find here was in a saddle above the junction with the main stream where *Mazus novae-zelandiae* was found. (map ref. 340938). Below this on a grassy flat area there were a few specimens of the small leaved lacebark (*Hoheria angustifolia*) and pokaka (*Elaeocarpus hookerianus*) reminiscent of the coprosma "v" site at Ahi Paku

The south facing side of the area was mainly tall kanuka with some matai (*Prumnopitys taxifolia*), totara, mahoe (*Melicactus ramiflorus*), black maire (*Nestegis cunninghamii*) Kahikatea (*Dacrycarpus dacrydioides*), lemonwood (*Pittosporum eugenioides*) and narrow leaved lacebark (*Hoheria sexstylosa*) with an understory of coprosma sps. and rangiora (*Brachyglottis repanda*). Grasses and sedges were only common in the fenced area. There were 20 or so plants of the regionally scarce wind grass (*Anemanthele lessoniana*) growing above the stream banks in two places in this area.

### Gymnosperm trees and shrubs

- |                                 |           |
|---------------------------------|-----------|
| <i>Dacrycarpus dacrydioides</i> | Kahikatea |
| <i>Podocarpus totara</i>        | Totara    |
| <i>Prumnopitys taxifolia</i>    | Matai     |

Dicotyledonous trees and shrubs

Brachyglottis repanda	Rangiora	
Carmichaelia australis		
Carpodetus serratus	Putaputaweta, marbleleaf	
Coprosma linariifolia		
Coprosma propinqua subsp. propinqua		
Coprosma rhamnoides		
Coprosma rigida		Coprosma robusta
Karamu		
Coprosma rotundifolia		
Coprosma propinqua x C. robusta		
Elaeocarpus hookerianus (unc)	Pokaka	
Fuchsia excorticata (unc)	Fuchsia, kotukutuku	
Hoheria angustifolia (unc)		
Hoheria sexstylosa		
Hebe stricta var. atkinsonii		
Kunzea ericoides	Kanuka	
Lophomyrtus obcordata		
Melicope simplex		
Melicytus ramiflorus subsp. ramiflorus		Mahoe
Melicytus micranthus		
Myrsine divaricata	Weeping Matipo	
Nestegis cunninghamii	Black Maire	
Nestegis lanceolata	White maire	
Nestegis montana	Narrow leaved maire	
Ozomanthos leptophyllus	Tauhinu	
Pennantia corymbosa	Kaikomako	
Pittosporum eugenioides	Tarata, lemonwood	
Pittosporum tenuifolium	Kohuhu	
Pseudopanax arboreus		
Pseudopanax crassifolius	horoeka, lancewood	
Raukawa anomalus	Whauwhaupaku	
Pseudopanax crassifolius	Horoeka, lancewood	
Sophora microphylla	Kowhai	
Streblus heterophyllus (unc)		

Monocotyledonous trees and shrubs

Cordyline australis	cabbage tree
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Monocotyledonous lianes

Dicotyledonous lianes and related trailing plants

*Calystegia tuguriorum*  
*Clematis foetida*  
*Clematis paniculata*  
*Muehlenbeckia australis*  
*Parsonsia capsularis*  
*Parsonsia heterophylla* Akakiore  
*Rubus cissoides*  
*Rubus schmidelioides*

### Psilopods, Lycopods and Quillworts

### Ferns

*Adiantum cunninghamii* Maidenhair fern  
*Asplenium bulbiferum* Manamana, Hen and Chicken fern  
*Asplenium flabellifolium* Necklace fern  
*Asplenium flaccidum* ss Makawe, Hanging spleenwort  
*Asplenium gracillimum*  
*Asplenium hookerianum*  
*Blechnum chambersii*  
*Blechnum fluviatile* Kiwakiwa  
*Hypolepis ambigua*  
*Lastreopsis glabella*  
*Leptopteris hymenophylloides*  
*Pellaea rotundifolia* Tarawera  
*Pneumatopteris pennigera*  
*Polystichum richardii* Pikopiko  
*Phymatosorus pustulatus*  
*Pyrrosia eleagnifolia*

### Orchids

*Earina autumnalis* ✓  
*Earina mucronata* ✓

### Grasses

*Anemanthele lessoniana* (unc)  
*Echinopogon ovatus* Hedgehog grass  
*Microlaena avenacea* Patiti, Bush rice grass  
*Poa anceps* subsp. *anceps*  
*Poa imbecilla*

### Sedges

*Carex dissita*

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### Gymnosperm trees and shrubs

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<i>Podocarpus totara</i>	Totara
<i>Prumnopitys taxifolia</i>	Matai

## Dicotyledonous trees and shrubs

<i>Brachyglottis repanda</i>	Rangiora
<i>Carmichaelia australis</i>	
<i>Carpodetus serratus</i>	Putaputaweta, marbleleaf
<i>Coprosma linariifolia</i>	
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	
<i>Coprosma rhamnoides</i>	
<i>Coprosma rigida</i>	Coprosma robusta
Karamu	
<i>Coprosma rotundifolia</i>	
<i>Coprosma propinqua</i> x <i>C. robusta</i>	
<i>Elaeocarpus hookerianus</i> (unc)	Pokaka
<i>Fuchsia excorticata</i> (unc)	Fuchsia, kotukutuku
<i>Hoheria angustifolia</i> (unc)	
<i>Hoheria sexstylosa</i>	
<i>Hebe stricta</i> var. <i>atkinsonii</i>	
<i>Kunzea ericoides</i>	Kanuka
<i>Lophomyrtus obcordata</i>	
<i>Melicope simplex</i>	
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	Mahoe
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<i>Pittosporum eugenoides</i>	Tarata, lemonwood
<i>Pittosporum tenuifolium</i>	Kohuhu
<i>Pseudopanax arboreus</i>	
<i>Pseudopanax crassifolius</i>	horoeka, lancewood
<i>Raukaua anomalus</i>	Whauwhaupaku
<i>Pseudopanax crassifolius</i>	Horoeka, lancewood
<i>Sophora microphylla</i>	Kowhai
<i>Streblus heterophyllus</i> (unc)	

## Monocotyledonous trees and shrubs

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*Poa anceps* subsp. *anceps*  
*Poa imbecilla*

## Sedges

*Carex dissita*

Carex forsteri  
Carex geminata ss  
Carex lambertiana (unc)  
    Carex solandri  
    Carex virgata  
    Uncinia laxiflora  
    Uncinia uncinata           Watu, Hook grass

Rushes and allied plants

Juncus gregiflorus  
Juncus pallidus (unc)  
Juncus sarophorus

Remaining Monocotyledonous plants

Arthropodium candidum  
Astelia fragrans (unc)  
Phormium cookianum

Daisy-like herbs (Composites)

Craspedia uniflora var grandis  
Gnaphalium gymnocephalum  
Lagenifera pumila  
Lagenifera strangulata (unc)  
Leptinella squalida  
Senecio biserratus  
Senecio quadridentatus

Dicotyledonous herbs other than Composites

Acaena anserinifolia           Bidibidi  
Australina pusilla  
Cardamine sp. (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)  
~~Daucus glochidiatus~~       Native carrot  
Dichondra brevifolia  
Epilobium insulare  
Epilobium nummulariifolium  
Gallium propinquum  
Hydrocotyle elongata  
Hydrocotyle heteromeria  
Mazus novae zelandiae  
Oxalis exilis                   Yellow oxalis  
Oxalis magellanica (unc)  
Parietaria debilis  
Plantago raoulia  
Pratia angulata

Ranunculus reflexus  
Urtica incisa  
Wahlenbergia violacea

Maruru, hairy buttercup

Birds:

Fantail  
Grey Warbler  
Morepork  
Native pigeon  
Waxeye