

# Kāpiti District Endemic Flora Species List

A species guide to use for Restorative Planting

Compiled by Environmental Restoration Officer - Matt Ward 2009-2012

Updated March 2024



Photo's Matt Ward 2009 & 2010

# Kāpiti Endemic Flora Species List

Matt Ward

**Kāpiti Coast District Council 2009-2012**

**RESTORE 2012 - Present**

This list is compiled of all the known historical and contemporaneously documented endemic flora species observed in any part of the area presently known as the Kāpiti District. The district is comprised of five Ecological Districts, the Foxton Ecological District is the largest represented, and therefore all available known botanical lists from it including those outside the Kāpiti District have been used to contribute to this compilation.

*I would like to think there are many more species to add!*

## **INTRODUCTION**

The introduction and explanation of the reasoning behind the format of this list is aimed at making the restoration planner/planter aware of the factors which will make a project respectful to its surroundings and successful in the long term. The italicized Latin species name is followed by capital letters which describe the macro scale ecological district. The Māori name is next, then the English or common name. The final column is the habitat type which the plant favours this will help the user make a considered decision on species that will thrive to be made.

This list has been compiled from botanical survey data undertaken by competent and/or respected botanists from contemporary and historical times (see reference list). If the referenced list contained an imprecise description of a plant species for example "*oxalis* sp.", the entry was excluded from the list. Further additions have been made with the help of InaturalistNZ observations confirmed to a research grade, these have been verified by peers with knowledge, in this instance the author has also used discretion, to ensure species are accurately identified, and wild not cultivated.

This list uses the most up-to-date Latin nomenclature, this may therefore not appear in the original botanical lists sourced, prompting the historically used name or synonym to "[See](#)" the new name. The synonyms are listed at the end of each section. Up-to-date information was used from the online resource, "*New Zealand Plant Conservation Network*", [website](#). The Māori translations of Latin species names are found in the online "*Māori Dictionary - Te Aka Māori-English, English-Māori Dictionary*", [website](#).

Any species I or anyone else have recently personally observed and evaluated as naturally occurring in that area have been listed. This is expressed as a bracketed number in green referring to an observation date, beside the Latin name which then corresponds to the reference list at the end of the document, for example, "*Carmichaelia odorata* M,T(1)" (Due to additional botanical lists being found and further observations added, these personal observations may not appear chronologically).

## ECOLOGICAL DISTRICTS

An Ecological Zone is defined by using topography, geology and soil, for example, the Foxton Ecological District is low-lying sand country of a geologically recent composition. The Kāpiti District is made up of five ecological districts.

**(C)** Cook Strait Ecological District = Paekākāriki escarpment and rocky shore zone, Kāpiti Island.

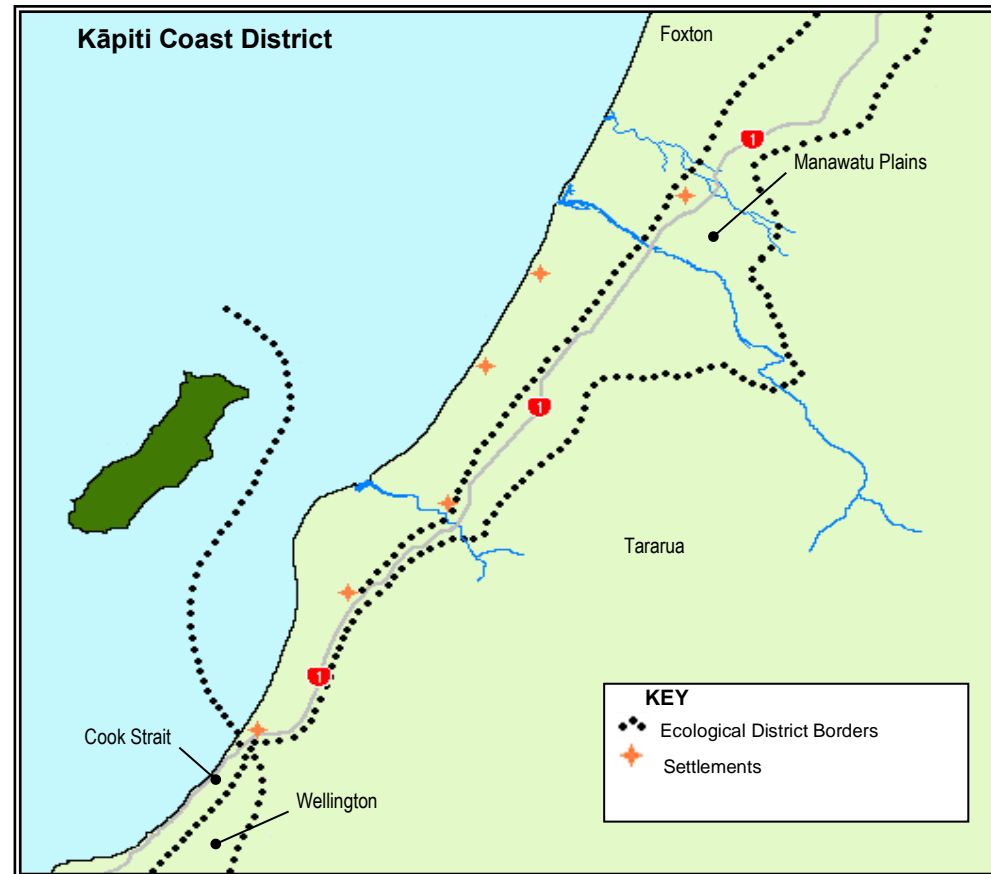
**(F)** Foxton Ecological District = Ōtaki dune lands, Otaihanga, Waikanae dune lands, Paekākāriki dune lands.

**(M)** Manawatu Plains Ecological District = Eastern Ōtaki, Eastern Waikanae.

**(T)** Tararua Ecological District = Eastern Paekākāriki, Reikorangi, Paraparaumu hills, Raumati escarpment.

**(W)** Wellington Ecological District = Flat section above and east of the Paekākāriki escarpment.

The capital letters immediately following each species name (*Alectryon excelsus* ssp. *excelsus* C,F,M,T,W), refer to the ecological district in which it has been recorded as referred to in **Figure 1**. If a copy of this list is used which has only one capital letter following the Latin name, then that list has been specifically extracted as a reference re-vegetation list suitable to a project in that ecological district. For example, a list of species with “M” would suggest this is a list of Manawatu Plains Ecological District species suitable for use in that ecological district.



**Figure 1.** Location and extent of the Ecological Districts featured within the Kāpiti Coast District

## **CONSERVATION STATUS**

A newly added (2018) category to this document. Due to the continued decline in conservation status of many of our species (de Lang *et. al.*, 1999; de Lang *et. al.*, 2004; de Lang *et. al.*, 2006; de Lang *et. al.*, 2013; de Lang *et. al.*, 2018) since this document was created in 2009-2010 and prior, it seemed important to add the status of each of the species featured. There are seven categories of Conservation Status recognised in New Zealand (Townsend *et. al.*, 2008). Within three of these categories there are sub-categories totaling 13 to cover the scope of each status with accuracy, details of the qualifying factors can be viewed in detail in the 2008 New Zealand Threat Classification System Manual see <https://www.doc.govt.nz/Documents/science-and-technical/sap244.pdf> . A brief summarised description (Townsend *et. al.*, 2008) of the status breakdown is as follows:

**EXTINCT** – *Taxa which without doubt the last individual has died.*

**DATA DEFICIENT** – *Taxa which may be threatened or belong to a threat category but there is a lack of information.*

### **THREATENED**

**NATIONALLY CRITICAL** – *Taxa with either a very small population (natural or unnatural); or small population (natural or unnatural) with a moderate ongoing or predicted decline of 50–70%; or population (irrespective of size or number of subpopulations) with a very high ongoing or predicted decline of > 70%.*

**NATIONALLY ENDANGERED** – *Taxa with small population (natural or unnatural) that has a low to high ongoing or predicted decline; or small stable population (unnatural); or moderate population and high ongoing or predicted decline.*

**NATIONALLY VULNERABLE** – *Taxa with small, increasing population (unnatural); or moderate, stable population (unnatural); moderate population, with population trend that is declining; or moderate to large population and moderate to high ongoing or predicted decline; or large population and high ongoing or predicted decline.*

### **AT RISK**

**DECLINING** – *Taxa with moderate to large population and low ongoing or predicted decline; or large population and low to moderate ongoing or predicted decline; or very large population and low to high ongoing or predicted decline.*

**RECOVERING** - *Taxa that have undergone a documented decline within the last 1000 years and now have an ongoing or predicted increase of > 10% in the total population or area of occupancy, taken over the next 10 years or three generations, whichever is longer.*

**RELICT** - *Taxa that have undergone a documented decline within the last 1000 years, and now occupy < 10% of their former range.*

**NATURALLY UNCOMMON** - *Taxa whose distribution is confined to a specific geographical area or which occur within naturally small and widely scattered populations, where this distribution is not the result of human disturbance.*

### **NON-RESIDENT NATIVE**

**VAGRANT** - *Taxa whose occurrences, though natural, are sporadic and typically transitory, or migrants with fewer than 15 individuals visiting New Zealand per annum.*

**COLONISER** - *Taxa that otherwise trigger Threatened categories because of small population size, but have arrived in New Zealand without direct or indirect help from humans and have been successfully reproducing in the wild only since 1950.*

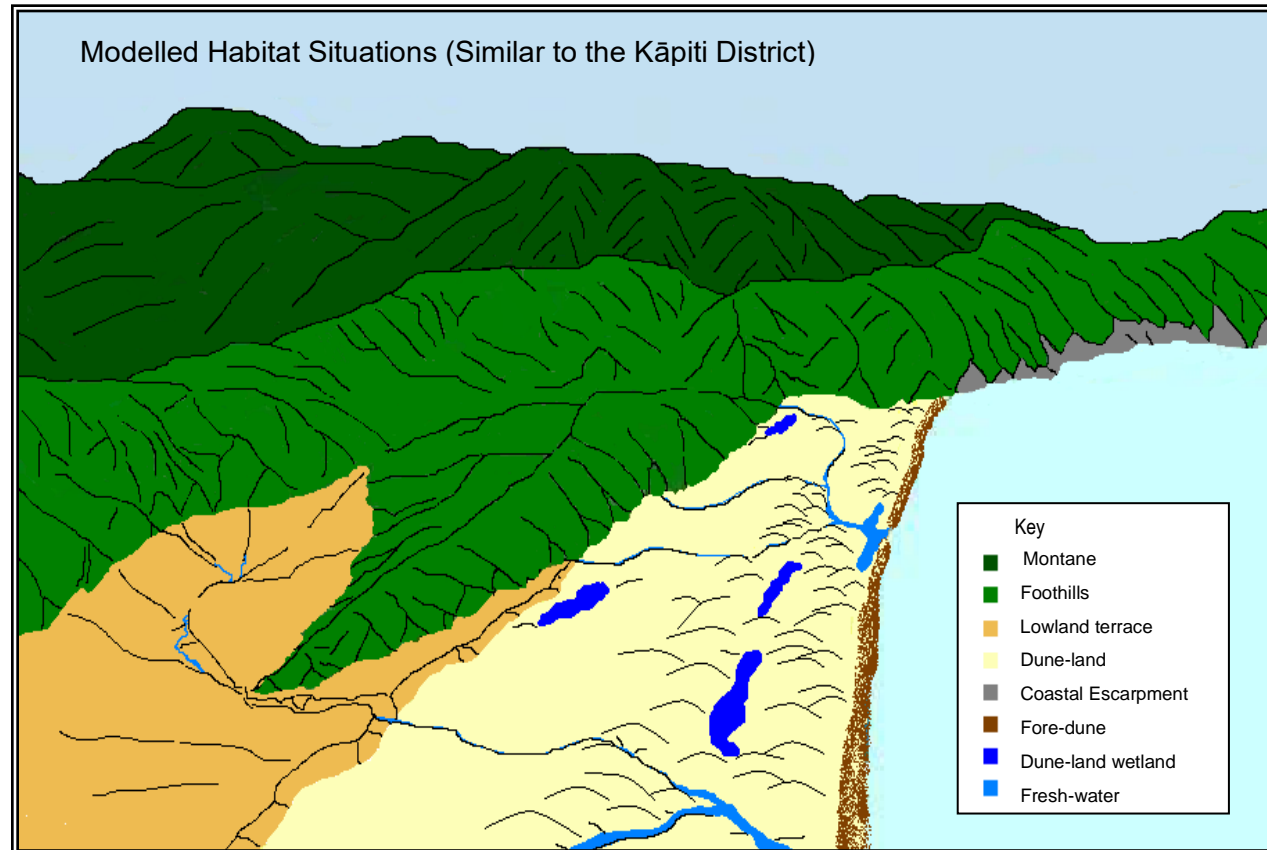
**NOT THREATENED** - *Resident native taxa that have large, stable populations.*

**INTRODUCED AND NATURALISED** - *Taxa that have become naturalised in the wild after being deliberately or accidentally introduced into New Zealand by human agency. Only taxa that have previously been treated as indigenous in the New Zealand Threat Classification System are listed.*



## HABITAT

The habitat in which the botanical surveys or my observations have found the species are noted in a separate column. The habitats generally correlate with the “Native Planting Zones” seen in the Kāpiti Coast District Council (1999) publication “Growing Native Plants in Kāpiti”. It is important that species used in restorative planting are able to cope with the habitat in which they are placed. Although planting areas are site specific, for example having a range of possible microclimates and wind/sun/soil scenarios unique to that small area, the relevance of using plants with the capability to handle all conditions that they may encounter should be considered. Some species are suitable in a range of habitat types. The Kāpiti district has several different habitats, (**Figure 2.**) these habitats are as follows:



**Figure 2.** Habitat examples and relative situations which are similar to those in the Kāpiti Coast District

**(SE)** Saline Estuary = river mouth areas where tidal variation affects the margins and surrounding wet areas.

**(CE)** Coastal Escarpment = this coastline zone often includes rock faces, shale slopes, is highly exposed and may include seeps.

**(FD)** Fore Dune = this is the area directly next to the sea which is exposed and highly dynamic.

**(ED)** Established Dune = this is the area directly behind the fore-dunes and represents older established dune-land.

**(DS)** Dune-land Stream = streams which normally have steep eroded banks and meander across the established dune-land.

**(DW)** Dune-land Wetland = wet areas which may vary in water content seasonally.

**(RM)** Riparian Margin = this describes the areas around lakes, swamps, and riverbanks.

**(LT)** Lowland Terrace = these areas are higher than dune-lands and drain freely due substrate composition.

**(FS)** Forest Seepage/Wetland = these are places which are usually wet year-round and within/or near forested areas.

**(FM)** Forest Margin = the area surrounding existing forest which allows plenty of light and some shelter.

**(FE)** Foothills, Escarpment = the intermediary areas between lowland terrace and montane forest habitats.

**(M)** Montane = the area moving higher toward and including the Tararua ranges, often with steep hills and high rain fall.

## **SITE CONDITIONS**

The most common conditions which need to be considered for a plant's ability to survive can be simplified into; Water-logging; Salinity; Frost; Drought; Soil moisture preferences. Tolerance to these conditions can be the make or break of a specimen's survival in the long-term. For information about these tolerances, each individual species needs to be investigated further, this information is beyond the scope of this botanical list. The habitat in which a plant has naturally been found is a good starting point to finding suitable species for restoration planting projects.

## **UPDATE 2018/19**

Since the July 2014 update quite a few nomenclature changes have been made, adjusted and added. These include;

- The final accepted re-naming of the *Hebe* family to *Veronica* (Garnock-Jones *et. al.*, 2007), due to *Hebe stricta* var. *atkinsonii* not being recognised in the new nomenclature it has been left as is in this text.
- The *Urtica* genus was redefined, leading to the epithet of some of our species to change (Grosse-Veldmann *et. al.*, 2016).
- Many of the fern names have changed (Gasper *et. al.*, 2016; PPG I., 2016) including some of the filmy ferns (Labiak *et. al.*, 2015; Brownsey & Perrie, 2016).
- Some new orchids have been recognised these were representatives of the *Gastrodia* (Lehnebach *et. al.*, 2016a) and *Corybas* genera (Lehnebach *et. al.*, 2016b; Lehnebach, 2016c)
- The *Uncinia* genus name has been amalgamated with the *Carex* genus (Villaverde & Global Carex Group, 2015) after it was found genetically to sit right in the middle of it.
- The *CollospERMUM* genus has been amalgamated with the *Astelia* genus (Birch, 2015).
- The recognition of the numerous new species within the *Cardamine debilis* aggregate (Heenan, 2017).

In addition, two more tables have been compiled to capture the newly published 'Conservation Status of New Zealand Indigenous Vascular Plants, 2017' (de Lang *et. al.*, 2018). These tables encapsulate more of the situation and condition under which the Kāpiti Districts native flora exists.

Within this update numerous species have been added to each category of vascular plants. This has been achieved using further research into the exemplary resource the NZPCN website provides as well as some personal finds. Any new species added that are not present on an accessed botanical list have been obtained from historical National Vegetation Surveys (NVS) or Department of Conservation records. These are referenced at the end of the document list under the year of observation and general location or plot number. For example, '**National Vegetation Survey (1975) *Pimelea longifolia*** New Zealand Plant Conservation Network Plant distribution data. Plot observation 59499 Accessed November 8<sup>th</sup>, 2018' for NVS observations and '**Department of Conservation (1967) *Leptinella maniototo***, Waikanae Estuary. New Zealand Plant Conservation Network Plant distribution data. Accessed November 26<sup>th</sup>, 2018' for DOC observations. Any additional finds made by the author have been referenced as per the introduction on page 3.

## UPDATE 2024

Since the 2018/19 update further renaming of species has occurred including;

- Miro, Latin genus name changed (Page, 2019).
- The Ladies tresses orchid, Latin name species changed (Pace *et. al.*, 2019).
- The hounds tongue ferns Latin genus names all changed (Testo *et. al.*, 2019).
- Many of the clubmosses Latin genus were updated (Hassler, 2019).
- *Utricularia dichotoma* was recognised as a subspecies (Jobson & Baleeiro, 2020).
- Kanono, Latin species name corrected (Large *et. al.*, 2020).
- Pātōtara, Latin name changed (Crayn *et. al.*, 2020).
- Kamahi, Latin genus name changed (Pillon *et. al.*, 2021).
- Kohekohe, Latin genus name changed (Holzmeyer *et. al.*, 2021).
- The recognition of a branch of the *Olearia* family being renamed as *Macrolearia* (Saldivia *et. al.*, 2022).
- Plume grasses, Latin genus name changed (Peterson *et. al.*, 2022).
- Kāretu reverted to an older Latin genus name.

The author was challenged by P. Enright that some of the NVS updates in 2018/19 were inaccurate, so they have been amended, using The Australasian Virtual Herbarium <https://avh.chah.org.au/> to cross reference the finds. This means some of the numbers of species have been reduced, not gone extinct, thankfully.

A few new species have been added to the list including a very rare orchid, which is very cool.

- *Aciphylla intermedia* was added despite not being recognised on NZPCN as it is a natural hybrid (Mark, 2012; Allan, 1961).

A new section has been added to the document “LIVERWORTS, HORNWORTS & MOSSES”, this is more convenience than purposeful as bryophytes are rarely propagated. The user of this list may want to know what bryophytes\* are nearby or in fact present in an area, so this additional section may provide some answers. The species added are mostly from InaturalistNZ observations, so can be looked up to see pictures readily. The details regarding number of species present (see table 1) are taken from reports by Fife *et.al.* 2010, & de Lange *et.al.* 2020.

\***Bryophytes** are non-vascular plants which have no roots or vascular tissue, they absorb all their needs through their surfaces (leaves), allowing them to reside in places vascular plants cannot, e.g. rock faces, walls, footpaths etc.



Table 1 is a comparative table of the species (excluding hybrids) recorded in the Kāpiti District compared as a percentage to New Zealand as a whole. This shows the species richness in Kāpiti; however, it may also show which species botanists are more familiar with. Thanks to the rise in use of the Inaturalist online resource, citizen science has led to more species being recorded, and then added to the list. A notable group which seems under-represented is bryophytes, eg the newest addition to the list, this is very likely due to the complicated steps and accurately understanding involved in identifying this group, now there's a challenge.

The table below shows a couple of reductions in percentage of species present this fortunately is due to more species being recognised not a loss of species present in the District.

**Table 1.** Kāpiti Species present compared to New Zealand

Category	Kāpiti 2024 [2018] (2014)	New Zealand 2024	% of New Zealand 2024 [2018] (2014)
GYMNOSPERM TREES	8 [8] (6)	21	38% [38%] (29%)
MONOCOT TREES	4 [4] (4)	8	50% [57%] (57%)
DICOT TREES/SHRUBS	167 [166] (147)	628	27% [27%] (26%)
MONOCOT LIANES	2 [2] (2)	2	100% [100%] (100%)
DICOT LIANES	26 [26] (25)	49	53% [54%] (48%)
MOSESSES (534), LIVERWORTS AND HORNWORTS (770)	27	1304	2%
CLUBMOSESSES & QUILLWORTS	6 [4] (5)	15	46% [31%] (38%)
FERN & FERN ALLIES	126 [124] (113)	201	63% [63%] (59%)
ORCHIDS	56 [52] (47)	118	47% [45%] (45%)
GRASSES	49 [46] (38)	222	22% [21%] (18%)
SEDGES	88 [84] (79)	180	49% [47%] (44%)
RUSHES & ALLIED SPECIES	17 [17] (16)	45	38% [38%] (33%)
MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES	31 [30] (29)	68	46% [44%] (48%)
DAISY-LIKE HERBS (COMPOSITES)	57 [52] (44)	274	21% [20%] (17%)
DICOT HERBS OTHER THAN COMPOSITES	197 [183] (151)	724	27% [26%] (24%)
<b>Total</b>	<b>861 [806] (706)</b>	<b>3859</b>	<b>22% [32%] (30%)</b>

Table 2 is a comparative table of the Threat Classification of species recorded in the Kāpiti District compared as a percentage to New Zealand as a whole. This shows the species vulnerability in Kāpiti; however, it fails to recognise that within the Kāpiti District the species present may be at more risk than the national population of that species in general, for example the species *Olearia odorata* is nationally classified as Not Threatened, yet in the Kāpiti District there are only a handful of original specimens left due to human induced habitat modification.

**Table 2.** Threat Classification of Kāpiti Species compared to New Zealand

Category	Kāpiti 2024[2018](2012)	N. Z. 2018(2012)	% of N. Z. 2024[2018]	% of Kāpiti List 2024[2018]
EXTINCT	0	7 (8)	0%	0%
DATA DEFICIENT	9 [8] (4)	107 (77)	8% [7%]	1.1% [1%]
THREATENED – NATIONALLY CRITICAL	13 [12] (9)	213 (155)	6% [6%]	1.6% [1.5%]
THREATENED – NATIONALLY ENDANGERED	5 [6] (6)	77 (62)	6% [8%]	0.6% [0.7%]
THREATENED – NATIONALLY VULNERABLE	20 [19] (19)	113 (72)	18% [17%]	2.3% [2.3%]
AT RISK - DECLINING	39 [38] (31)	158 (102)	25% [24%]	4.8% [4.7%]
AT RISK - RECOVERING	0	8 (7)	0%	0%
AT RISK - RELICT	5 [5] (5)	23 (13)	22% [22%]	0.6% [0.6%]
AT RISK – NATURALLY UNCOMMON	33 [31] (22)	662 (626)	5% [5%]	3.9% [3.8%]
NON-NATIVE VAGRANT	1 [1] (0)	14 (12)	7% [7%]	0.1% [0.1%]
NON-NATIVE COLONISER	0	20 (17)	0%	0%
NOT THREATENED	709 [686] (610)	1383 (1428)	51% [50%]	85% [85%]
INTRODUCED AND NATURALISED	0	1 (1)	0%	0%
<b>Total</b>	<b>834 [806] (706)</b>	<b>*2786 (2580)</b>	<b>30% [29%]</b>	<b>100%</b>

\*The total number of species considered for Threat Classification is greater than the total recognised species. This is due to the panel of scientists evaluating indeterminate entities (tag named) in case their conservation status changes. This gives a total discrepancy of 274 taxa.

The botanical list which follows from page 12 onwards will show each of the above Threat Classifications as seen below:

**E**=Extinct **DD**=Data Deficient **TNC**=Threatened Nationally Critical **TNE**=Threatened Nationally Endangered **TNV**=Threatened Nationally Vulnerable **ARD**=At Risk Declining **ARR**=At Risk Recovering **ARL**=At Risk Relict **ARNU**=At risk naturally uncommon **NNV**=Non-native Vagrant **NNC**=Non-native Coloniser **NT**=Not Threatened **IN**=Introduced and Naturalised

Table 3 shows the split of threatened plants between the categories in which they reside. This shows the percentage of plants which are threatened per category suggesting which category of plant are most or least under pressure.

**Table 3.** Threat Classification of Kāpiti Species as per category of plant

Threat Classification	Categories of Vascular plants													
	GYMNOSPERM TREES	MONOCOT TREES	DICOT TREES/SHRUBS	MONOCOT LIANES	DICOT LIANES	CLUBMOSESSES & QUILLWORTS	FERN & FERN ALLIES	ORCHIDS	GRASSES	SEDGES	RUSHES & ALLIED SPECIES	MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES	DAISY-LIKE HERBS (COMPOSITES)	DICOT HERBS OTHER THAN COMPOSITES
EXTINCT														
DATA DEFICIENT			3		1			2		1				2
THREATENED – NATIONALLY CRITICAL			5				1	2					1	4
THREATENED – NATIONALLY ENDANGERED			1										1	4
THREATENED – NATIONALLY VULNERABLE			7		5				1			1		5
AT RISK - DECLINING			10					2	4	6	1	1	3	12
AT RISK - RECOVERING														
AT RISK - RELICT			2						1				1	1
AT RISK – NATURALLY UNCOMMON			4		1		7	6	1		2	2	3	7
NON-NATIVE VAGRANT														1
NON-NATIVE COLONISER														
NOT THREATENED	8	4	135	2	19	4	118	44	42	81	14	27	48	161
INTRODUCED AND NATURALISED														
<b>Total % of Threatened Species per category</b>	0%	0%	23%	0%	27%	0%	7%	27%	14%	8%	18%	13%	16%	18%

Latin name	Māori name	Common name	Status	Habitat
<b>GYMNOSPERM TREES</b>				
<i>Dacrycarpus dacrydioides</i> C,F,M,T,W	Kahikatea	Kahikatea, white pine	NT	ED, DW, LT
<i>Dacrydium cupressium</i> C,F,M,T,W	Rimu	Rimu, red pine	NT	ED, LT, M
<i>Pectinopitys ferruginea</i> C,F,M,T,W	Miro	Brown pine	NT	ED, LT, FE, M
<i>Phyllocladus alpinus</i> T		Mountain celery pine, mountain toatoa	NT	FE, M
<i>Phyllocladus toatoa</i> T	Toatoa	Toatoa	NT	RM, LT, FS, FE, M
<i>Podocarpus laetus</i> T	Totara-kiri-kotukutuku	Mountain totara, Hall's totara	NT	FE, M
<i>Podocarpus totara</i> var. <i>totara</i> C,F,M,T,W	Tōtara	Tōtara	NT	LT
<i>Prumnopitys taxifolia</i> C,F,M,T	Mataī	Black pine	NT	ED, DW, RM, LT, FE, M

#### MOST RECENT SYNONYMS

*Podocarpus cunninghamii* See *Podocarpus laetus*  
*Podocarpus dacrydioides* See *Dacrycarpus dacrydioides*  
*Podocarpus hallii* See *Podocarpus cunninghamii*  
*Podocarpus spicatus* See *Prumnopitys taxifolia*  
*Prumnopitys ferruginea* See *Pectinopitys ferruginea*

#### MONOCOT TREES

<i>Cordyline australis</i> C,F,M,T	Ti kōuka	Cabbage tree	NT	ED, DW
<i>Cordyline banksii</i> F,T	Ti ngahere, ti rakau	Cabbage tree	NT	ED, LT, FE, M
<i>Cordyline indivisa</i> T	Toi	Broad-leaved or mountain cabbage tree	NT	M
<i>Rhopalostylis sapida</i> C,F,M,T	Nīkau	Nīkau	NT	DW, RM, LT, FS, FM, FE

#### DICOT TREES/SHRUBS

<i>Alectryon excelsus</i> subsp. <i>excelsus</i> C,F,M,T,W	Tītoki	Tītoki	NT	ED, DW, LT, M
<i>Alseuosmia pusilla</i> T			NT	M
<i>Androstoma empetrifolium</i> T			NT	M
<i>Aristotelia fruticosa</i> T(41)		Mountain wineberry	NT	LT, FE, M
<i>Aristotelia serrata</i> C,F,M,T,W	Makomako	Wineberry	NT	FM, M
<i>Ascarina lucida</i> var. <i>lucida</i> T	Hutu	Hutu	NT	LT, M
<i>Beilschmiedia tarairi</i> F	Taraire	Taraire	NT	ED, DW, LT, M
<i>Beilschmiedia tawa</i> C,F,M,T,W	Tawa	Tawa	NT	ED, DW, LT, M
<i>Brachyglottis bidwillii</i> T			NT	M
<i>Brachyglottis elaeagnifolia</i> T(37)			NT	M
<i>Brachyglottis repanda</i> C,F,M,T,W	Rangiora	Tree daisy	NT	CE, LT, M
<i>Brachyglottis kirkii</i> var. <i>kirkii</i> T(20)	Kohurangi	Kirk's daisy	TNV	FE, M
<i>Carmichaelia arborea</i> C,F,T,W		South Island or swamp broom	NT	CE, ED, LT
<i>Carmichaelia australis</i> C,F,T	Tainoka, taunoka	Common broom	NT	FE, M
<i>Carmichaelia odorata</i> T(1)		Scented or leafy broom	NT	RM
<i>Carpodetus serratus</i> C,F,M,T,W	Putaputaweta	Marbleleaf	NT	LT, M
<i>Coprosma acerosa</i> C,F	Tarakupenga	Sand coprosma	ARD	ED
<i>Coprosma areolata</i> C,F,M,T,W		Thin-leaved coprosma	NT	ED, FM, M

C=Cook Strait F=Foxton M=Manawatu Plains T=Tararua W=Wellington / E=Extinct DD=Data Deficient TNC=Threatened Nationally Critical TNE=Threatened Nationally Endangered TNV=Threatened Nationally Vulnerable ARD=At Risk Declining ARR=At Risk Recovering ARL=At Risk Relict ARNU=At risk naturally uncommon NNV=Non-native Vagrant NNC=Non-native Coloniser NT=Not Threatened IN=Introduced and Naturalised /SE=Saline Estuary CE=Coastal Escarpment FD=Fore Dune ED=Established Dune DS=Dune-land Stream DW=Dune-land Wetland RM=Riparian Margin LT=Lowland Terrace FS=Forest Seepage/Wetland FM=Forest Margin FE=Foothills, Escarpment M=Montane

Latin name	Māori name	Common name	Status	Habitat
<i>Coprosma autumnalis</i> C,F,M,T,W	Kanono	Kanono	NT	ED, DW, RM, FE, M
<i>Coprosma cheesemanii</i> T			NT	M
<i>Coprosma colensoi</i> T			NT	FE, M
<i>Coprosma crassifolia</i> C,F,M			NT	ED, LT
<i>Coprosma depressa</i> T			NT	M
<i>Coprosma dumosa</i> T(31)			NT	RM, LT, FE, M
<i>Coprosma foetidissima</i> T	Hūpiro	Stinkwood, shit shrub	NT	FE, M
<i>Coprosma linariifolia</i> T	Mikimiki	Yellow wood	NT	LT, FE, M
<i>Coprosma lucida</i> C,F,M,T	Karamū	Shining karamū	NT	LT, FE, M
<i>Coprosma microcarpa</i> T		Small-seeded coprosma	NT	LT, FE, M
<i>Coprosma parviflora</i> T		Leafy coprosma	NT	LT, FE, M
<i>Coprosma pedicellata</i> T			ARD	M
<i>Coprosma perpusilla</i> ssp. <i>perpusilla</i> T			NT	M
<i>Coprosma propinqua</i> var. <i>propinqua</i> C,F,M,T,W	Mingimingi	Mingimingi	NT	ED, DW, RM, LT, FS
<i>Coprosma pseudociliata</i> F			NT	ED, FE, M
<i>Coprosma pseudocuneata</i> T			NT	M
<i>Coprosma repens</i> C,F,M,T	Taupata	Mirror leaf	NT	DW, FD, ED, LT
<i>Coprosma rhamnoides</i> C,F,M,T,W		Coprosma rhamnoides	NT	CE, ED, DW, LT, FE, M
<i>Coprosma rigida</i> F,M			NT	FM, LT
<i>Coprosma robusta</i> C,F,M,T,W	Karamū	Karamū	NT	ED, DS, DW, RM, FS, FM, FE, M
<i>Coprosma rotundifolia</i> C,F,T			NT	FM, M
<i>Coprosma rubra</i> F,T			NT	LT, FM, M
<i>Coprosma rugosa</i> T(30)		Coprosma rugosa	NT	LT, RM, FM, M
<i>Coprosma tayloriae</i> T			NT	M
<i>Coprosma tenuicaulis</i> C,F,M,T	Hukihuki	Swamp coprosma	NT	DW, LT, FS
<i>Coprosma tenuifolia</i> F			NT	DS, LT, FE, M
<i>Coprosma xcunninghamii</i> C,F,M,T,W		Natural hybrid of <i>C. robusta</i> x <i>C. propinqua</i>	NT	ED, DS, DW, RM, FS, FM, FE, M
<i>Coriaria arborea</i> var. <i>arborea</i> C,F,M,T,W	Tutu	Tree tutu	NT	CE, DS, RM, FS, FM, M
<i>Coriaria sarmentosa</i> C,M(35)	Tutu	Tutu	NT	ED, LT
<i>Corokia cotoneaster</i> F	Korokio tāraŋga	Wire netting bush	NT	ED
<i>Corynocarpus laevigatus</i> Please note: Introduced to the district in numerous places by mana whenua prior to European settlement, originally nearby Pā sites, (Leach & Stowe, 2005).				
	Karaka	Karaka	NT	CE, ED, DW, LT
<i>Didymocheton spectabilis</i> C,F,M,T,W	Kohekohe	Kohekohe	NT	DW, LT
<i>Discaria toumatou</i> C,F	Tūmatakurū	Matagouri, Wild Irishman	ARD	CE, FD, ED, LT, M
<i>Dodonaea viscosa</i> C,F,M	Akeake	Akeake	NT	ED, FE, LT
<i>Dracophyllum filifolium</i> T			NT	LT, M
<i>Dracophyllum longifolium</i> var. <i>longifolium</i> T		Inanga, inaka	NT	FE, M
<i>Dracophyllum rosmarinifolium</i> T(92)	Inaka	Common grass tree	NT	M
<i>Dracophyllum longifolium</i> var. <i>septentrionale</i> T(67)		Ruahine grass tree	ARNU	M
<i>Dracophyllum recurvum</i> T		Curled leave neinei	NT	M

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<i>Elaeocarpus dentatus</i> C,F,M,T,W	Hīnau	Hīnau	NT	DW, LT, FE, M
<i>Elaeocarpus hookerianus</i> F,M,T	Pōkākā	Pōkākā	NT	LT, M
<i>Entelea arborescens</i> C,W	Whau	Cork tree	NT	RM, LT, FE
<i>Fuchsia excorticata</i> C,F,M,T,W	Kōtukutuku	Tree fuchsia	NT	DS, DW, RM, FS, FM, M
<i>Fuscospora fusca</i> T		Red beech	NT	LT, FE, M
<i>Fuscospora solandri</i> M(34)	Tawhairauriki	Black beech	NT	LT, FE, M
<i>Fuscospora truncata</i> T	Tawhairaunui, hututawai, hutu	Hard beech	NT	LT, FE, M
<i>Gaultheria antipoda</i> C,T		Bush snowberry, fool's beech	NT	LT, FE, M
<i>Gaultheria depressa</i> var. <i>depressa</i> T		Snowberry	DD	M
<i>Gaultheria depressa</i> var. <i>novae-zealandiae</i> T		Snowberry	NT	M
<i>Gaultheria macrostigma</i> F		Prostrate snowberry	NT	ED
<i>Gaultheria rupestris</i> T			NT	FE, M
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i> F,M,T,W	Hangehange	New Zealand privet	NT	ED, LT, M
<i>Griselinia littoralis</i> F,T	Kāpuka	Broadleaf	NT	M
<i>Griselinia lucida</i> C,F,M,T,W	Puka	Broadleaf	NT	CE, ED, DW, LT, M
<i>Hedycarya arborea</i> C,F,M,T,W	Porokaiwhiri	Pigeonwood	NT	ED, DW, LT, FE, M
<i>Helichrysum lanceolatum</i> C			NT	CE, LT, FM, FE
<i>Hoheria angustifolia</i> F,M	Houhere	Narrow-leaved lacebark	NT	LT, FE
<i>Hoheria sexstylosa</i> C,F,T(51)		Lacebark	NT	LT, FE
<i>Ileostylus micranthus</i> F,M	Pirita	Green mistletoe	NT	ED, LT, FE, (M)
<i>Knightia excelsa</i> C,F,M,T,W	Rewarewa	New Zealand honeysuckle	NT	ED, DW, LT, FE, M
<i>Korthalsella lindsayi</i> (on poataniwha) M(15)		Leafless mistletoe	NT	CE, LT, FE
<i>Korthalsella salicornioides</i> (on mānuka) F,M		Dwarf mistletoe	TNC	ED, DW, M
<i>Kunzea amathicola</i> F	Rawiritoa		TNV	ED
<i>Kunzea robusta</i> C,F,M,T,W	Kānuka	White tea tree	TNV	CE, ED, FE, M
<i>Laurelia novae-zealandiae</i> C,F,M,T,W	Pukatea	Pukatea	NT	ED, DW, LT, FS, M
<i>Leptecophylla juniperina</i> ssp. <i>juniperina</i> C,F	Mingimingi	Prickly mingimingi	NT	ED, LT
<i>Leptospermum scoparium</i> C,F,M,T	Mānuka	Tea tree	ARD	DW, FS, M
<i>Leucopogon fasciculatus</i> C,F,M(21),T	Mingimingi	Tall mingimingi	NT	LT, M
<i>Lophomyrtus bullata</i> C,F,M,T	Ramarama	New Zealand myrtle	TNC	ED, DW, FM, FE, M
<i>Lophomyrtus obcordata</i> C,F,M,T	Rōhutu	New Zealand myrtle	TNC	ED, DW, LT, FE, M
<i>Lophozonia menziesii</i> T	Tawai, tirowhārangī, tawhai	Silver Beech	NT	M
<i>Macroleaia colensoi</i> T	Tupare	Leatherwood	NT	M
<i>Melicope simplex</i> C,F,M,T	Poataniwha		NT	CE, ED, LT, FE, M
<i>Melicope ternata</i> C,F,M,T,W	Wharangi	Wharangi	NT	CE, ED, LT, FM, FE, M
<i>Melicytus crassifolius</i> C		Thick-leaved mahoe	ARD	CE, LT
<i>Melicytus lanceolatus</i> T	Mahoe-wao	Narrow-leaved mahoe	NT	LT, FM, M
<i>Melicytus micranthus</i> F	Swamp mahoe		NT	DW, FS, LT
<i>Melicytus orarius</i> C			ARL	CE
<i>Melicytus ramiflorus</i> C,F,M,T,W	Māhoe, hinahina	Whiteywood	NT	ED, DW, RM, LT, FE, M
<i>Metrosideros robusta</i> F,M,T	Rātā	Northern rātā	TNV	RM, FE, M
<i>Mida salicifolia</i> C,F,T	Maire taike	Willow-leaved maire	ARD	FE, M

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<i>Muehlenbeckia astonii</i> C		Wigiwig	TNE	CE, FD
<i>Myoporum laetum</i> C,F,M,T,W	Ngaio	Ngaio	NT	CE, ED, DW, RM, LT, FE
<i>Myrsine australis</i> C,F,M,T,W	Matipo	Red mapou	NT	ED, DW, RM, LT, FM, FE, M
<i>Myrsine divaricata</i> T		Weeping matipo, weeping mapou	NT	LT, FE, M
<i>Myrsine nummularia</i> T		Creeping matipo, creeping mapou	NT	M
<i>Myrsine salicina</i> C,F,M,T	Toro	Toro	NT	ED, LT, M
<i>Neomyrtus pedunculata</i> T	Röhutu	Myrtle	TNC	LT, FE, M
<i>Nestegis cunninghamii</i> C,F,M,T	Maire rau nui	Black maire	NT	ED, LT
<i>Nestegis lanceolata</i> C,F,M,T	Maire rauriki	White maire	NT	ED, LT, FE
<i>Nestegis montana</i> C,F,M,T	Maire kōtae or rōroro	Narrow-leaved maire	NT	ED, LT, FE, M
<i>Olearia arborescens</i> C,T		Common tree daisy, glossy tree daisy	NT	LT,FE,M
<i>Olearia cheesemanii</i> F,T(4)		Streamside or Cheeseman's daisy	ARNU	RM
<i>Olearia furfuracea</i> F	Akepiro		NT	LT, RM, FM
<i>Olearia ilicifolia</i> T		Mountain holly	NT	LE, FE, M
<i>Olearia lacunosa</i> T		Lancewood tree daisy	NT	FE, M
<i>Olearia paniculata</i> C,F,T,W	Akiraho	Golden akeake	NT	LT, FE, M
<i>Olearia rani</i> var. <i>colorata</i> C,F,M,T,W	Heketara	Tree daisy	NT	LT, FM, FE, M
<i>Olearia solandri</i> C,F,M,T,W		Coastal tree daisy	NT	FD, CE, ED, LT, FE
<i>Olearia virgata</i> F,M,T(30)		Twiggy tree daisy	NT	DW, FS
<i>Ozothamnus leptophylla</i> C,F,M,T,W	Tauhinu	Cottonwood	NT	CE, FD, ED, DW, LT, FM, M
<i>Pennantia corymbosa</i> C,F,M,T,W	Kaikōmako	Kaikōmako	NT	DW, RM, LT, FS, FM, FE, M
<i>Pentachondra pumila</i> T			NT	ED, DW, RM, FS, M
<i>Peraxilla colensoi</i> T	Pirita, korukoru, roeroe, pirinoa	Scarlet mistletoe	ARD	M
<i>Pimelea cryptica</i> C(44)		Pimelea	DD	CE
<i>Pimelea gnidia</i> T		Pimelea	NT	LT, FE, M
<i>Pimelea longifolia</i> T		Long-leaved Pimelea	ARD	CE, FM, FE, M
<i>Pimelea prostrata</i> ssp. <i>prostrata</i> C,F	Wharengāgara	Strathmore weed	NT	CE, ED, FE, M
<i>Pimelea tomentosa</i> C,F			TNV	CE, LT, FE, M
<i>Pimelea urvilleana</i> ssp. <i>urvilleana</i> C			DD	CE, FE
<i>Pimelea villosa</i> C,F	Toroheke	Sand daphne	ARD	FD, CE
<i>Piper excelsum</i> ssp. <i>excelsum</i> C,F,M,T,W	Kawakawa	Pepper tree	NT	ED, DW, LT, FE, M
<i>Pittosporum colensoi</i> T			NT	RM, LT, FE, M
<i>Pittosporum cornifolium</i> F,T(27)	Wharewhareatua	Perching pittosporum	NT	ED, LT, FE
<i>Pittosporum eugenioides</i> C,F,M,T	Tarata	Lemonwood	NT	CE, ED, RM, LT, FM, FE, M
<i>Pittosporum rigidum</i> T			NT	M
<i>Pittosporum tenuifolium</i> C,F,M,T,W	Kōhūhū, kōwhiwhi	Black matipo	NT	ED, DW, LT, FM, FE, M
<i>Plagianthus divaricatus</i> C,F	Mākaka	Saltmarsh ribbonwood	NT	SE, DW
<i>Plagianthus regius</i> ssp. <i>regius</i> T	Mānatu	Ribbonwood, lowland ribbonwood	NT	LT, FE, M
<i>Pseudopanax arboreus</i> C,F,M,T,W	Whauwhaupaku	Five finger	NT	ED, LT, FE, M
<i>Pseudopanax colensoi</i> var. <i>colensoi</i> T		Mountain five-finger, three finger	NT	M
<i>Pseudopanax crassifolius</i> C,F,M,T,W	Horoeka	Lancewood	NT	ED, LT, FE, M
<i>Pseudowintera axillaris</i> C,F,T	Horopito	Lowland horopito	NT	FE, M
<i>Pseudowintera colorata</i> T	Horopito	Mountain horopito	NT	RM, FM, FE, M

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<i>Pterophylla racemosa</i> C,F,M,T	Kāmahi	Kāmahi	NT	FM, FE, M
<i>Raukaua anomalus</i> T			NT	LT, FM, FE, M
<i>Raukaua edgerleyi</i> T	Raukawa		NT	LT, FE, M
<i>Raukaua simplex</i> T			NT	LT, FE, M
<i>Rhabdothamnus solandri</i> C,W	Taurepo	New Zealand gloxinia	NT	CE, RM, LT, FE
<i>Schefflera digitata</i> C,F,M,T,W	Patē	Seven finger	NT	ED, LT, FE, M
<i>Solanum aviculare</i> var. <i>aviculare</i> C,F,M,T	Poroporo		TNV	ED, LT, FM
<i>Solanum laciniatum</i> C,F,M,T,W	Poroporo	Poroporo	NT	CE, ED, DW, RM, LT, FS, FM, FE, M
<i>Sophora microphylla</i> C,F,M,T	Kōwhai	Kōwhai	NT	RM, FE
<i>Streblus banksii</i> C,F,M,T,W	Turepo	Large leaved milk tree	ARL	DW, LT, FE
<i>Streblus heterophyllus</i> C,F,M,T	Turepo	Small leaved milk tree	NT	DW, LT, FE
<i>Styphelia nesophila</i> C,F	Pātōtara	Dwarf mingimingi	NT	CE, FD, ED, LT, M
<i>Syzygium maire</i> C,F,M,T	Maire tawake	Swamp maire	TNC	DW, FS
<i>Urtica ferox</i> C,F,T,W	Ongaonga	Tree nettle	NT	RM, FM
<i>Veronica angustissima</i> T(64)		Hebe	ARNU	RM
<i>Veronica elliptica</i> C,F(66)	Kōkōmuka	Shore hebe, shore koromiko	NT	CE
<i>Veronica evenosa</i> T		Hebe	ARNU	M
<i>Veronica lycopodioides</i> T		Whipcord hebe	NT	M
<i>Veronica odora</i> T(90)		Hebe	NT	M
<i>Veronica parviflora</i> C,F,T(52),W	Kōkōmuka tārangā, koromiko	Hebe	NT	CE, LT, FE, M
<i>Veronica speciosa</i> Please note: Introduced to <a href="#">Kāpiti Island</a> by mana whenua prior to European settlement, now naturalised at site, (Armstrong & de Lange, 2006).				
C	Napuka		ARD	CE
<i>Veronica stricta</i> var. <i>macroura</i> C,T,W	Koromiko		NT	CE
<i>Veronica stricta</i> var. <i>stricta</i> C,F,M,T(1),W	Koromiko		NT	CE, RM, LT, FE
<i>Veronica tetragona</i> ssp. <i>subsimilis</i> T(96)			NT	M
<i>Veronica venustula</i> T		Hebe	NT	M

#### MOST RECENT SYNONYMS

*Aristolelia racemosa* See *Aristolelia serrata*  
*Carmichaelia cunninghamii* See *Carmichaelia australis*  
*Carmichaelia flagelliformis* See *Carmichaelia australis*  
*Carmichaelia hookeri* See *Carmichaelia australis*  
*Cassinia leptophylla* See *Ozothamnus leptophylla*  
*Coprosma grandifolia* See *Coprosma autumnalis*  
*Coprosma parviflora* var. *dumosa* See *Coprosma dumosa*  
*Coprosma retusa* See *Coprosma repens*  
*Cyathodes empetrifolia* See *Androstoma empetrifolium*  
*Cyathodes fasciculata* See *Leucopogon fasciculatus*  
*Cyathodes fraseri* See *Styphelia nesophila*  
*Cyathodes juniperina* See *Leptecophylla juniperina* subsp. *juniperina*  
*Dracophyllum longifolium* See *Dracophyllum longifolium* var. *longifolium*  
*Dysoxylum spectabile* See *Didymocheton spectabilis*

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*Eugenia maire* See *Syzygium maire*  
*Geniostoma rupestre* var. *ligustrifolium* See *Geniostoma ligustrifolium* var. *ligustrifolium*  
*Gymnelaea cunninghamii* See *Nestegis cunninghamii*  
*Gymnelaea lanceolata* See *Nestegis lanceolata*  
*Gymnelaea montana* See *Nestegis montana*  
*Hebe angustissima* See *Veronica angustissima*  
*Hebe elliptica* See *Veronica elliptica*  
*Hebe odora* See *Veronica odora*  
*Hebe parviflora* See *Veronica parviflora*  
*Hebe speciosa* See *Veronica speciosa*  
*Hebe stricta* var. *atkinsonii* See *Veronica stricta* var. *stricta*  
*Hebe stricta* var. *macroura* See *Veronica stricta* var. *macroura*  
*Hebe stricta* var. *stricta* See *Veronica stricta* var. *stricta*  
*Hebe tetragona* ssp. *subsimilis* See *Veronica tetragona* ssp. *subsimilis*  
*Helichrysum aggregatum* var. *aggregatum* See *Helichrysum lanceolatum*  
*Hoheria populnea* var. *angustifolia* See *Hoheria angustifolia*  
*Hymenanchera crassifolia* See *Melicytus crassifolius*  
*Kunzea ericoides* var. *ericoides* See *Kunzea amathicola* & *Kunzea robusta*  
*Leptospermum ericoides* See *Kunzea amathicola* & *Kunzea robusta*  
*Leucopogon fraseri* See *Styphelia nesophila*  
*Loranthus micranthus* See *Ileostylus micranthus*  
*Macropiper excelsum* var. *excelsum* See *Piper excelsum* ssp. *excelsum*  
*Myrtus bullata* See *Lophomyrtus bullata*  
*Myrtus obcordata* See *Lophomyrtus obcordata*  
*Nothofagus fusca* See *Fuscospora fusca*  
*Nothofagus menziesii* See *Lophozonia menziesii*  
*Nothofagus solandri* var. *solandri* See *Fuscospora solandri*  
*Olea cunninghamii* See *Nestegis cunninghamii*  
*Olea lanceolata* See *Nestegis lanceolata*  
*Olea montana* See *Nestegis montana*  
*Olearia colensoi* var. *colensoi* See *Macrolearia colensoi*  
*Paratrophis banksii* See *Streblus banksii*  
*Paratrophis microphylla* See *Streblus heterophyllus*  
*Pernettya macrostigma* See *Gaultheria macrostigma*  
*Pimelea arenaria* See *Pimelea villosa*  
*Pimelea prostrata* s.l. See *Pimelea cryptica*  
*Pseudopanax anomalus* See *Raukaua anomalus*  
*Pseudopanax colensoi* See *Pseudopanax colensoi* var. *colensoi*  
*Pseudopanax edgerleyi* See *Raukaua edgerleyi*  
*Pseudopanax simplex* See *Raukaua simplex*  
*Urostemon kirkii* var. *kirkii* See *Brachyglottis kirkii* var. *kirkii*  
*Veronica arborea* See *Veronica parviflora*  
*Veronica salicifolia* var. *angustissima* See *Veronica angustissima*  
*Weinmannia racemosa* See *Pterophylla racemosa*

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<b>MONOCOT LIANES</b>				
<i>Freycinetia banksii</i> C,F,M,T	Kiekie	Kiekie	NT	ED, LT, FE, M
<i>Ripogonum scandens</i> C,F,M,T,W	Kareao	Supplejack	NT	ED, DW, LT, FE, M
<b>MOST RECENT SYNONYMS</b>				
<i>Freycinetia baueriana</i> spp. <i>banksii</i> See <i>Freycinetia banksii</i>				
<b>DICOT LIANES</b>				
<i>Calystegia sepium</i> ssp. <i>roseata</i> C,F	Rauparaha	Pink bindweed	NT	CE, FD, ED, LT, FM, (M)
<i>Calystegia soldanella</i> C,F	Panahi	Shore bindweed	NT	CE, FD, ED, DS
<i>Calystegia tuguriorum</i> C,F,M,T	Pōwhiwhi	Climbing convolvulus	NT	CE, ED, DW, RM, LT, FM, M
<i>Clematis afoliata</i> C		Leafless clematis	NT	CE
<i>Clematis foetida</i> F,M			NT	CE, LT, FM, FE
<i>Clematis forsteri</i> C,F,T	Puataua	Small white clematis	NT	CE, ED, LT, FM, FE
<i>Clematis paniculata</i> F,M,T,W	Puawānanga	White clematis	NT	CE, ED, LT, FE, M
<i>Convolvulus</i> sp. ( <i>unnamed Druce 1976</i> ) C			NT	CE
<i>Fuchsia perscandens</i> C,F,M		Fuchsia	NT	ED, DW, LT, FM
<i>Metrosideros colensoi</i> C,F,M,T	Rātā		TNV	ED, RM, LT, FE
<i>Metrosideros diffusa</i> C,F,M,T,W	Rātā	White rātā	TNV	CE, ED, DW, RM, LT, FE
<i>Metrosideros fulgens</i> C,F,M,T	Akatawhiwhi	Scarlet rātā	TNV	CE, ED, DW, RM, LT, FE, M
<i>Metrosideros perforata</i> C,F,M,T,W	Akatorotoro	Small white rātā	TNV	CE, ED, DW, RM, LT, FE, M
<i>Muehlenbeckia australis</i> C,F,M,T	Pōhuehue	Large leaved muehlenbeckia	NT	CE, ED, DW, RM, FM, FE, LT, M
<i>Muehlenbeckia complexa</i> var. <i>complexa</i> C,F,M,T,W	Pōhuehue	Wire vine	NT	CE, ED, RM, LT, FM, FE,
<i>Muehlenbeckia complexa</i> var. <i>grandifolia</i> F(70)	Pōhue	Pōhue	DD	ED
<i>Muehlenbeckia ephedroides</i> C		Leafless pōhuehue	TNV	CE, ED, RM, LT, FM, FE, M
<i>Parsonsia capsularis</i> var. <i>capsularis</i> C,F,T,W	Akakiore	New Zealand Jasmine	NT	ED, LT, FM, FE
<i>Parsonsia heterophylla</i> C,F,M,T,W	Akakiore	New Zealand Jasmine	NT	ED, DW, LT, FS, FM, FE
<i>Passiflora tetrandra</i> C,F,M,T,W	Kohia	Passion vine	NT	ED, RM, FM
<i>Rubus australis</i> C,F,M,T	Taraheke	Swamp lawyer	NT	DW, FS
<i>Rubus cissooides</i> C,F,M,T	Tātārāmoa	Bush lawyer	NT	ED, LT, FE, M
<i>Rubus schmidelioides</i> var. <i>schmidelioides</i> C,F,M,T	Taramoa	White leaved lawyer	NT	ED, LT, FE
<i>Rubus squarrosus</i> C,F		Leafless lawyer	NT	CE, ED, LT, FM, FE, M
<i>Tetragonia tetragonoides</i> C	Kōkihi	NZ spinach	ARNU	FD
<i>Tetragonia trigyna</i> C(18),F,T	Kōkihi	NZ spinach	NT	FD, ED

#### MOST RECENT SYNONYMS

*Tetragonia implexicoma* See *Tetragonia trigyna*

*Tetrapatheia tetrandra* See *Passiflora tetrandra*

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Latin name	Māori name	Common name	Status	Habitat
<b>CLUBMOSES &amp; QUILLWORTS</b>				
<i>Austrolycopodium fastigiatum</i> T		Alpine/Mountain clubmoss	NT	CE, LT, FE, M
<i>Diphazium scariosum</i> T		Creeping clubmoss	NT	FS, M
<i>Palhinhaea cernua</i> F(107)		Clubmoss	NT	ED, LT, FE, M C=Cook
<i>Phlegmariurus billardierei</i> T(108)		Hanging clubmoss	Not Evaluated	LT, FE, M
<i>Phlegmariurus varius</i> C,F,T		Clubmoss	NT	ED, LT, FE, M
<i>Pseudodiphasium volubile</i> C,T,W	Waewaekoukou	Climbing clubmoss	NT	ED, LT, FM, FE, M

#### MOST RECENT SYNONYMS

*Huperzia varia* See *Phlegmariurus varius*  
*Lycopodium cernua* See *Palhinhaea cernua*  
*Lycopodium fastigiatum* See *Austrolycopodium fastigiatum*  
*Lycopodium scariosum* See *Diphazium scariosum*  
*Lycopodium varium* See *Phlegmariurus varius*  
*Lycopodium volubile* See *Pseudodiphasium volubile*

#### LIVERWORTS, HORNWORTS & MOSSES

<i>Achrophyllum dentatum</i> M(113),T(114)			NT	LT, FE
<i>Achrophyllum quadrifarium</i> T(115),W(116)			NT	FE
<i>Calomnion complanatum</i> M(117)			NT	LT, FE
<i>Campylopus clavatus</i> F(106),T(107)				
<i>Campylopus introflexus</i> F(118),T(119),W(120)		Heath star-moss	NT	LT, FE, M
<i>Chiloscyphus muricatus</i> T(97)			NT	FE
<i>Cryptopodium bartramioides</i> T(121)			NT	FE, M
<i>Cyathophorum bulbosum</i> T(122)		Quill moss, false fern moss	NT	FE, M
<i>Dawsonia superba</i> T(84)	Pāhau-kākāpō	Giant moss	NT	LT, FE
<i>Leucobryum candidum</i> C,M,T		Cushion moss, milk moss	NT	CE, LT, FE, M
<i>Leucobryum javense</i> C,M,T		Milk moss	NT	LT, FM, FE, M
<i>Lopidium concinnum</i> C(129),M(130),T			NT	LT, FE
<i>Macromitrium longipes</i> T(132)			NT	LT, FE, M
<i>Marchantia berteroana</i> C(138),T(137)		Bonfire liverwort	NT	LT, FE, M
<i>Monoclea forsteri</i> C,F,M,T			NT	CE, DW, RM, FS, FE
<i>Pallavicinia tenuinervis</i> M(139)			NT	LT, FE
<i>Polytrichum juniperinum</i> T(105)		Juniper haircap moss	NT	FE, M
<i>Ptychomnion aciculare</i> C,M,T		Pipe cleaner moss	NT	ED, DW, RM, LT, FM, FE, M
<i>Racomitrium lanuginosum</i> T(131)		Woolly fringe moss	NT	FE, M
<i>Riccia fluitans</i> F(98)		Floating crystalwort	NT	DW, RM
<i>Ricciocarpos natans</i> F(94)		Fringed heartwort	NT	DW
<i>Schistochila appendiculata</i> T(91)			NT	FE, M
<i>Sphagnum cristatum</i> T(143)		New Zealand sphagnum	NT	FE
<i>Symphyogyna hymenophyllum</i> M(127),T(128)			NT	FE, M
<i>Symphyogyna subsimplex</i> M(125),T(126)			NT	FE, M

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<i>Trachyloma diversinerve</i> C(133),M(134),T(135)			NT	CE, LT, FE
<i>Weymouthia mollis</i> T(123),W(124)	Angiangi	Old man beard moss	NT	FE
<b>MOST RECENT SYNONYMS</b>				
<i>Lophocolea muricata</i> See <i>Chiloscyphus muricatus</i>				
<b>FERN &amp; FERN ALLIES</b>				
<i>Adiantum cunninghamii</i> C,F,M,T,W	Puhinui	Common maiden hair	NT	ED, LT, FE
<i>Adiantum diaphanum</i> T		Tuberous or small maidenhair	NT	ED, LT, FE
<i>Adiantum hispidulum</i> C	Makawe tapairu	Rosy maiden hair	NT	ED, LT
<i>Adiantum fulvum</i> T		Maidenhair	NT	ED, LT, FE, M
<i>Adiantum viridescens</i> M,T		Maidenhair	NT	ED, CE, FS
<i>Anogramma leptophylla</i> C		Jersey fern, annual fern	NT	CE
<i>Arthropteris tenella</i> C,F,M,T,W		Jointed fern	NT	LT, FE
<i>Asplenium appendiculatum</i> ssp. <i>appendiculatum</i> C,M		Ground spleenwort	NT	DS, RM, LT, FE, M
<i>Asplenium appendiculatum</i> ssp. <i>maritimum</i> F		Coastal spleenwort	NT	CE, ED, DW
<i>Asplenium bulbiferum</i> C,F,M,T,W	Pikopiko	Hen & chickens	NT	ED, DS, DW, RM, LT, FS, FE, M
<i>Asplenium flabellifolium</i> C,F,M,T		Butterfly fern, necklace fern	NT	ED, DS, RM, LT, FM, M
<i>Asplenium flaccidum</i> C,F,M,T,W	Makawe o Raukatauri	Hanging spleenwort	NT	ED, DS, DW, LT, FS, FE, M
<i>Asplenium gracillimum</i> C,F,M,T		Hen and chicken fern	NT	ED, DS, DW, RM, LT, FS, FE, M
<i>Asplenium hookerianum</i> var. <i>colensoi</i> T(48)		Colenso's spleenwort	NT	CE, LT, FE, M
<i>Asplenium hookerianum</i> var. <i>hookerianum</i> C,F,M,T,W		Spleenwort	NT	ED, DS, RM, LT, FS, FE, M
<i>Asplenium oblongifolium</i> C,F,M,T,W	Huruhuruwhenua	Shining spleenwort	NT	CE, ED, DS, DW, RM, LT, FS, FE
<i>Asplenium obtusatum</i> C		Shore spleenwort	NT	CE
<i>Asplenium polyodon</i> C,F,M,T,W	Petako	Sickle spleenwort	NT	CE, ED, DS, DW, RM, LT, FS, FE, M
<i>Austroblechnum banksii</i> M		Shore hard fern	NT	CE
<i>Austroblechnum colensoi</i> C,T	Peretao	Waterfall fern	NT	ED, DS, DW, RM, LT, FS, FE, M
<i>Austroblechnum lanceolatum</i> C,F,M,T,W	Nini	Lance fern	NT	ED, RM, LT, FE, M
<i>Austroblechnum membranaceum</i> C,F,M,T,W			NT	ED, DS, RM, LT, FS, FE, M
<i>Austroblechnum penna-marina</i> C,F,T		Alpine hard fern	NT	ED, RM, LT, FM, FE, M
<i>Azolla rubra</i> C,F,M,T		Pacific azolla, red azolla	NT	DS, DW, FS
<i>Botrychium australe</i> F,T	Pātōtara	Parsley fern	ARNU	ED, DS, DW, RM, LT
<i>Botrychium bifforme</i> T		Fine leaved parsley fern	NT	LT, FE, M
<i>Cheilanthes distans</i> C		Wooly cloak or rock fern	NT	CE, FE, M
<i>Cheilanthes sieberi</i> ssp. <i>sieberi</i> C		Rock fern	NT	CE, FE, M
<i>Cranfillia fluviatilis</i> C,F,M,T,W	Kiwikiwi	Creek fern	NT	ED, DS, RM, LT, FS, FE, M
<i>Cranfillia nigra</i> T		Black hard fern	NT	DS, LT, FS, FE, M
<i>Cranfillia vulcanica</i> T	Korokio	Mountain hard fern	NT	CE, LT, FE, M
<i>Cyathea colensoi</i> T		Rough tree fern, Mountain tree fern	NT	RM, M
<i>Cyathea cunninghamii</i> C,F,T	Pūnui	Gully tree fern	NT	FE, M
<i>Cyathea dealbata</i> C,F,M,T	Ponga	Silver fern	NT	ED, LT, FE, M

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<i>Cyathea medullaris</i> C,F,M,T,W	Mamaku	Black tree fern	NT	ED, LT, FE
<i>Cyathea smithii</i> C,F,M,T	Kātote	Soft tree fern	NT	ED, LT, FE, M
<i>Dendroconche scandens</i> C,F,M,T,W	Mokimoki	Climbing hound's tongue	NT	ED, DW, LT, FE
<i>Deparia petersenii</i> ssp. <i>congrua</i> T			NT	ED, LT, RM, FE
<i>Dicksonia fibrosa</i> C,F,T	Whēkī-ponga	Golden tree fern	NT	ED, LT, FE
<i>Dicksonia squarrosa</i> F,M,T,W	Whēkī	Whēkī	NT	ED, LT, FE
<i>Diplazium australe</i> C,F,M,T			NT	DS, DW, RM, FS, FE, M
<i>Doodia australis</i> C,T(32)		Rasp fern	NT	ED, LT
<i>Doodia squarrosa</i> C,F			ARNU	ED, DS, RM, LT, FS
<i>Gleichenia alpina</i> T		Alpine tangle fern	NT	M
<i>Gleichenia dicarpa</i> F,T		Tangle fern, swamp umbrella fern	NT	DW, LT, FS, M
<i>Gleichenia microphylla</i> F		Carrier tangle fern, parasol fern	NT	CE, DW, FS, M
<i>Histiopteris incisa</i> C,F,M,T	Mātā	Water fern	NT	DW, RM, LT, FM, M
<i>Hiya distans</i> C,F,M			NT	ED, LT
<i>Hymenophyllum armstrongii</i> T		Filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum australe</i> T		Filmy fern	ARNU	DS, RM, FS
<i>Hymenophyllum bivalve</i> C,F,T,W	Mauku	Filmy fern	NT	FE, M
<i>Hymenophyllum cupressiforme</i> C	Mauku	Filmy fern	ARNU	ED, LT, FE, M
<i>Hymenophyllum demissum</i> C,F,M,T	Piripiri	Droping filmy fern	NT	ED, LT, FE
<i>Hymenophyllum dilatatum</i> T	Matua mauku	Filmy fern	NT	FE, M
<i>Hymenophyllum flabellatum</i> C,F,M,T	Mauku	Filmy fern	NT	ED, LT
<i>Hymenophyllum flexuosum</i> C,F,M,T	Mauku	Filmy fern	NT	ED, LT, FE
<i>Hymenophyllum frankliniae</i> F,T		Rusty filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum minimum</i> C	Mauku	Filmy fern	NT	ED, LT
<i>Hymenophyllum multifidum</i> F,M,T	Mauku	Much-divided filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum nephrophyllum</i> C,F,T	Raurenga	Kidney fern	NT	ED, LT, FE, M
<i>Hymenophyllum peltatum</i> T		One-sided filmy fern	NT	CE, LT, FE, M
<i>Hymenophyllum pulcherrimum</i> T		Tufted filmy fern	NT	FE, M
<i>Hymenophyllum rarum</i> C,F,M,T	Mauku	Filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum revolutum</i> C,F,T	Mauku	Filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum sanguinolentum</i> C,F,M,T	Mauku	Filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum scabrum</i> T		Rough filmy fern	NT	ED, LT, FE, M
<i>Hymenophyllum villosum</i> T		Hairy filmy fern	NT	M
<i>Hypolepis ambigua</i> C,F,M,T,W			NT	ED, LT
<i>Hypolepis dicksonioides</i> T, F(71)		Giant hypolepis	ARNU	ED, FE
<i>Hypolepis lactea</i> C,F,M,T			NT	ED, LT, FE
<i>Hypolepis millefolium</i> F	Huarau	Thousand leaved fern	NT	ED, LT, FE, M
<i>Hypolepis rufobarbata</i> C,F,T		Sticky pig fern	NT	ED, LT
<i>Icarus filiformis</i> C,F,M,T,W	Pānako	Thread fern	NT	ED, DW, LT, FE, M
<i>Lastreopsis hispida</i> C,F,M,T	Tuakura	Hairy fern	NT	ED, LT, FE, M
<i>Lastreopsis velutina</i> C,F(29),M,T,W		Velvet fern	NT	ED, LT, FE
<i>Leptolepia novae-zelandiae</i> T		Lace fern	NT	CE, ED, LT, FS, FE, M
<i>Leptopteris hymenophylloides</i> C,F,M,T,W	Heruheru	Single crape fern	NT	ED, LT, FE, M

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<i>Leptopteris superba</i> T	Heruheru	Crape fern. Prince of Wales fern	NT	FE, M
<i>Lindsaea linearis</i> F(11),T			NT	ED, DW, LT, FS, FE
<i>Lindsaea trichomanoides</i> F,T			NT	FE, M
<i>Lindsaea viridis</i> T			ARNU	RM
<i>Lomaria discolor</i> C,F,T,W	Petipeti	Crown fern	NT	ED, LT, FE, M
<i>Loxogramme dictyopteris</i> C,F,T		Lancefern	NT	ED, LT, FE
<i>Notogrammitis angustifolia</i> ssp. <i>nothofageti</i> T		Strapfern	NT	M
<i>Notogrammitis billardierei</i> C,F(12),T	Paretao	Common strap fern	NT	ED, LT, FE, M
<i>Notogrammitis ciliata</i> C,T		Strapfern	NT	ED, FS, FE, M
<i>Notogrammitis crassior</i> T(102)		Dwarf strap fern	NT	M
<i>Notogrammitis heterophylla</i> C,T		Comb fern	NT	CE, LT, FE, M
<i>Notogrammitis pseudociliata</i> T			NT	ED, LT, FE, M
<i>Ophioglossum coriaceum</i> T		Adders tongue	NT	ED, DW, LT, FE, M
<i>Ophioglossum petiolatum</i> F		Stalked adders tongue	TNC	DW, RM, FS
<i>Paesia scaberula</i> C,F,M,T,W	Mātātā	Lace fern, ring fern, scented fern	NT	CE, ED, LT, FE, M
<i>Parablechnum minus</i> C,F,M,T	Kiokio	Swamp kiokio	NT	DW, DS, RM, FS, M
<i>Parablechnum montanum</i> T		Mountain kiokio, Dunedin-Cass Blechnum	NT	M
<i>Parablechnum novae-zelandiae</i> C,F,M,T,W	Kiokio	Palm leaf fern	NT	ED, DS, DW, RM, LT, FS, FM, FE, M
<i>Parablechnum procerum</i> C,F,M,T	Kiokio	Small kiokio	NT	ED, DS, DW, RM, LT, FS, FM, FE, M
<i>Parablechnum triangularifolium</i> T	Kiokio	Green Bay kiokio	NT	ED, LT, FE, M
<i>Parapolystichum glabellum</i> C,F,M,T,W		Smooth shield fern	NT	ED, LT, FE
<i>Parapolystichum microsorum</i> ssp. <i>pentangulare</i> C,F,M,T			NT	ED, LT, FE, M
<i>Pellaea calidirupium</i> C,T			NT	CE, FE
<i>Pellaea rotundifolia</i> C,F,M,T,W	Tarawera	New Zealand cliff brake, button fern	NT	CE, FE, M
<i>Pneumatopteris pennigera</i> F,M,T	Piupiu	Gully fern, feather fern	NT	ED, DS, DW, LT, FS, FE, M
<i>Polystichum neozelandicum</i> ssp. <i>zerophyllum</i> T		Shield fern	NT	ED, LT, FE, M
<i>Polystichum occulatum</i> T			NT	ED, LT, FE, M
<i>Polystichum silvaticum</i> C,F,T			NT	ED, LT, FE, M
<i>Polystichum vestitum</i> T, F(93)	Pūniu	Prickly shield fern	NT	FE, M
<i>Pteridium esculentum</i> C,F,M,T	Rārahu, manehu, tākaka, rarauhe, mārohi, rarauwhe, rahurahu	Bracken	NT	CE, ED, DS, DW, RM, LT, FM, FE, M
<i>Pteris macilenta</i> C,F,M,T,W	Titipo	Brake, sweet fern	NT	ED, LT, FE, M
<i>Pteris tremula</i> C,F,M,T	Turawera	Shaking brake	NT	ED, LT, FE, M
<i>Pyrrosia eleagnifolia</i> C,F,M,T,W	Ota	Leatherleaf fern	NT	CE, ED, DS, DW, RM, LT, FE, M
<i>Rumohra adiantiformis</i> C,F,T	Karuwai	Leathery shield fern	NT	CE, ED, DS, DW, RM, LT, FE, M
<i>Schizaea australis</i> T		Southern comb fern	NT	DW, FS, M
<i>Schizaea fistulosa</i> T		Comb fern	NT	LT, FE, M
<i>Sticherus cunninghamii</i> T	Waekura, Tapuwae kotuku	Umbrella fern	NT	FE, M
<i>Tmesipteris elongata</i> C,F,M,T		Fork fern	NT	ED, LT, FE, M

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<i>Tmesipteris tannensis</i> F,M,T		Fork fern	NT	ED, LT, FE, M
<i>Trichomanes colensoi</i> T		Bristle fern	ARNU	FS, M
<i>Trichomanes elongatum</i> T		Bristle fern	NT	CE, ED, LT, FE, M
<i>Trichomanes endlicherianum</i> C,F,M,T,W	Pākauroharoha	Gully fern, feather fern	NT	DS, RM, FS
<i>Trichomanes strictum</i> T		Erect bristle fern	NT	RM, FS, M
<i>Trichomanes venosum</i> F,T,W		Veined bristle fern	NT	ED, LT, FE, M
<i>Zealandia novae-zealandiae</i> T		Mountain hounds tongue	NT	M
<i>Zealandia pustulatum</i> ssp. <i>pustulatum</i> C,F,M,T,W	Pāraharaha	Hound's tongue	NT	CE, ED, DW, LT, FM, FE, M

#### MOST RECENT SYNONYMS

*Abrodictyum elongatum* See *Trichomanes elongatum*  
*Abrodictyum strictum* See *Trichomanes strictum*  
*Alsophila smithii* See *Cyathea smithii*  
*Alsophila tricolor* See *Cyathea dealbata*  
*Anarthropteris lanceolata* See *Loxogramme dictyopteris*  
*Asplenium falcatum* See *Asplenium polyodon*  
*Asplenium lucidum* See *Asplenium oblongifolium*  
*Asplenium terrestre* ssp. *maritimum* See *Asplenium appendiculatum* ssp. *appendiculatum*  
*Asplenium terrestre* ssp. *terrestre* See *Asplenium appendiculatum* ssp. *appendiculatum*  
*Azolla filiculoides* See *Azolla rubra*  
*Blechnum banksii* See *Blechnum blechnoides*  
*Blechnum blechnoides* See *Austroblechnum banksii*  
*Blechnum capense* agg. See *Blechnum novae-zealandiae*  
*Blechnum chambersii* See *Austroblechnum lanceolatum*  
*Blechnum colensoi* See *Austroblechnum colensoi*  
*Blechnum discolor* See *Lomaria discolor*  
*Blechnum fluviatile* See *Cranfillia fluviatilis*  
*Blechnum membranaceum* See *Austroblechnum membranaceum*  
*Blechnum filiforme* See *Icarus filiformis*  
*Blechnum minus* See *Parablechnum minus*  
*Blechnum montanum* See *Parablechnum montanum*  
*Blechnum nigrum* See *Cranfillia nigra*  
*Blechnum novae-zealandiae* See *Parablechnum novae-zealandiae*  
*Blechnum parrisiae* See *Doodia australis*  
*Blechnum penna-marina* ssp. *alpina* See *Austroblechnum penna-marina*  
*Blechnum procerum* See *Parablechnum procerum*  
*Blechnum triangularifolium* See *Parablechnum triangularifolium*  
*Blechnum vulcanicum* See *Cranfillia vulcanica*  
*Blechnum zeelandicum* See *Doodia squarrosa*  
*Cardiomanes reniforme* See *Hymenophyllum nephrophyllum*  
*Cheilanthes humilis* See *Cheilanthes sieberi* ssp. *sieberi*  
*Ctenitis decomposita* See *Lastreopsis microsora* ssp. *pentangularis*  
*Ctenitis velutina* See *Lastreopsis velutina*

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*Ctenopteris heterophylla* See *Notogrammitis heterophylla*  
*Gleichenia cirnatta* See *Gleichenia dicarpa*  
*Gleichenia cunninghamii* See *Sticherus cunninghamii*  
*Grammitis billardierei* See *Notogrammitis billardierei*  
*Grammitis ciliata* See *Notogrammitis ciliata*  
*Grammitis heterophylla* See *Ctenopteris heterophylla*  
*Grammitis pseudociliata* See *Notogrammitis pseudociliata*  
*Grammitis magellanica* ssp. *nothofageti* See *Notogrammitis angustifolia* ssp. *nothofageti*  
*Hymenophyllum atrovirens* See *Hymenophyllum australe*  
*Hymenophyllum ferriugineum* See *Hymenophyllum frankliniae*  
*Hypolepis distans* See *Hiya distans*  
*Hypolepis punctata* See *Hypolepis ambigua*  
*Hypolepis tenuifolia* See *Hypolepis ambigua*  
*Lastreopsis glabella* See *Parapolystichum glabellum*  
*Lastreopsis microsora* ssp. *pentangularis* See *Parapolystichum microsorum* ssp. *pentangulare*  
*Lindsaea cuneata* See *Lindsaea trichomanoides*  
*Lomaria latifolia* See *Blechnum procerum*  
*Microsorium diversifolium* See *Zealandia pustulatum* ssp. *pustulatum*  
*Microsorium novae-zealandiae* See *Zealandia novae-zealandiae*  
*Microsorium pustulatum* ssp. *pustulatum* See *Zealandia pustulatum* ssp. *pustulatum*  
*Microsorium scandens* See *Dendroconche scandens*  
*Phymatosorus diversifolius* See *Zealandia pustulatum* ssp. *pustulatum*  
*Phymatosorus pustulatus* See *Zealandia pustulatum* ssp. *pustulatum*  
*Phymatosorus scandens* See *Dendroconche scandens*  
*Pleurosorus rutifolius* See *Asplenium subglandulosum*  
*Pneumatopteris pennigera* See *Trichomanes endlicherianum*  
*Polyphlebium colensoi* See *Trichomanes colensoi*  
*Polyphlebium endlicherianum* See *Trichomanes endlicherianum*  
*Polyphlebium venosum* See *Trichomanes venosum*  
*Polystichum richardii* See (now 4 species) *Polystichum neozelandicum* ssp. *neozelandicum* or *P. neozelandicum* ssp. *zerophyllum* or *P. oculatum* or *P. wawranum*(Northland only)  
*Pteridium aquilinum* var. *esculentum* See *Pteridium esculentum*  
*Pteris microphylla* See *Paesia scaberula*  
*Pteris pendula* See *Pteris macilentata*  
*Pyrrosia serpens* See *Pyrrosia eleagnifolia*  
*Rumohra hispida* See *Lastreopsis hispida*  
*Sphaeropteris medullaris* See *Cyathea medullaris*  
*Thelypteris pennigera* See *Pneumatopteris pennigera*  
*Todea hymenophylloides* See *Leptopteris hymenophylloides*  
*Todea superba* See *Leptopteris superba*  
*Trichomanes lyallii* See *Hymenophyllum lyallii*  
*Trichomanes reniforme* See *Cardiomanes reniforme*

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<b>ORCHIDS</b>				
<i>Acianthus sinclairii</i> F,T(8)		Heart-leaved orchid, pixie cap	NT	LT, FE, M
<i>Aporostylis bifolia</i> T		Odd-leaved orchid	NT	FE, M
<i>Bulbophyllum pygmaeum</i> C,F,T		Pygmy tree orchid	NT	CE, ED, RM, LT, FM, FE, M
<i>Bulbophyllum tuberculatum</i> F,M,T			ARNU	CE, ED, RM, LT, FM, FE, M
<i>Caladenia chlorostyla</i> F(46),M(65),T(23)			NT	LT, FE, M
<i>Caladenia minor</i> C,F,M,T		Caladenia	DD	ED, LT, FE, M
<i>Caladenia variegata</i> M(24),T(22)			ARNU	LT, M
<i>Chiloglottis cornuta</i> C,F,T		Bird orchid, ant orchid	NT	ED, DW, RM, LT, FM, FE, M
<i>Corybas cheesemani</i> F,M(62), T(45)		Helmet orchid, cheesemans spider orchid	NT	ED, LT, FE, M
<i>Corybas dienemus</i> T(59)		Spider orchid	TNC	RM, FS
<i>Corybas hatchii</i> T(13)		Spider orchid	NT	RM, FS
<i>Corybas iridescens</i> T(16)		Spider orchid, big red	NT	RM, FS
<i>Corybas macranthus</i> T(68)		Spider orchid	NT	LT, RM, FS
<i>Corybas oblongus</i> M(60), T(15)		Spider orchid	NT	ED, LT, FE, M
<i>Corybas rivularis</i> F,T		Spider orchid, silverback	ARNU	FS, FE
<i>Corybas aff. rivularis</i> "Kaitarakihi" T(58)			TNC	RM
<i>Corybas trilobus</i> C,F,M,T		Spider orchid	NT	ED, LT, FE, M
<i>Corybas vitreus</i> T(63)		Spider orchid	NT	FE, M
<i>Corybas walliae</i> T(57)		Zellers spider orchid	NT	M
<i>Cyrtostylis rotundifolia</i> F		Winter Orchid	NT	ED, CE, FS, FE
<i>Danhatchia australis</i> T(73)		Yoania, Danhatchia	ARNU	FE
<i>Dendrobium cunninghamii</i> C,F,M,T	Winika, pekapeka	Christmas orchid	NT	CE, ED, LT, FE, M
<i>Drymoanthus adversus</i> C,F,M,T		Drymoanthus	NT	ED, LT, FE, M
<i>Drymoanthus flavus</i> T(17)		Little spotted moa	ARD	ED, LT, FE, M
<i>Earina aestivalis</i> F,T		Bamboo orchid, summer orchid	NT	CE, ED
<i>Earina autumnalis</i> C,F,M,T	Raupeka	Autumn orchid	NT	CE, ED, LT, FE, M
<i>Earina mucronata</i> C,F,M,T,W	Peka-a-waka	Bamboo orchid	NT	CE, ED, LT, FE, M
<i>Gastrodia cunninghamii</i> F,T	Perei	Black orchid	NT	FE, M
<i>Gastrodia minor</i> F		Small potato orchid, Gastrodia	NT	ED, LT, FE, M
<i>Gastrodia molloyi</i> T(50)		Molloy's potato orchid	NT	LT, FE
<i>Gastrodia sesamoides</i> F		Pot bellied orchid, cinnamon sticks	NT	ED
<i>Genoplesium nudum</i> T(6)		Red leek orchid	ARNU	FE, M
<i>Microtis oligantha</i> W(75)		Small onion orchid	NT	FE
<i>Microtis parviflora</i> T		Onion leaved orchid	NT	CE, ED, DW, LT, RM, FM, FE
<i>Microtis unifolia</i> C,F,M,T		Onion leaved orchid	NT	CE, ED, DW, LT, FM, FE, M
<i>Orthoceras novae-zeelandiae</i> F,T(3)		Horned orchid	NT	CE, LT, FE, M
<i>Prasophyllum colensoi</i> F,T(42), W(47)		Leek orchid	NT	ED, LT, FM, FE, M
<i>Pterostylis alobula</i> C,F,M,T(9)		Greenhood	NT	ED,FE
<i>Pterostylis australis</i> T		Greenhood	NT	FE, M
<i>Pterostylis banksii</i> C,F,M,T	Tutukiwi	Greenhood	NT	ED, LT, FM, FE, M
<i>Pterostylis cardiostigma</i> T(26)			NT	LT, FE, M

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<i>Pterostylis graminea</i> F,T(19)		Grass-leaved greenhood	NT	ED, DW, RM, LT, FE
<i>Pterostylis irsoniana</i> T(61)		Greenhood	NT	LT, FE, M
<i>Pterostylis montana</i> C,F,M(54)T		Greenhood	NT	ED, DW, DS, RM, LT, FE, M
<i>Pterostylis patens</i> T(54)	Tutukiwi	Greenhood	NT	M
<i>Pterostylis trullifolia</i> F(28),T(10)		Trowel-leaved orchid	NT	FE
<i>Pterostylis venosa</i> T(39)		Greenhood	NT	M
<i>Spiranthes australis</i> F,T(43)		Ladies tresses	ARD	CE, DW, DS, RM, LT, FS, FE, M
<i>Thelymitra colensoi</i> T(76)		Colenso's sun orchid	DD	FE
<i>Thelymitra cyanea</i> T(53)		Swamp or striped sun orchid	NT	DW, FS, M
<i>Thelymitra hatchii</i> T(74)		Hatch's sun orchid	NT	FE, M
<i>Thelymitra longifolia</i> C,F,M,T,W	Maikuku	Common sun orchid	NT	CE, ED, LT, FE, M
<i>Thelymitra pauciflora</i> F(40),M,T		Sun orchid	NT	CE, ED, DW, RM, LT, FM, FE
<i>Thelymitra pulchella</i> T		Striped Sun Orchid, Beautiful Sun Orchid	NT	CE, ED, DW, RM, LT, FE, M
<i>Townsonia deflexa</i> T			ARNU	LT, FE, M
<i>Waireia stenopetala</i> T		Yellow Beaks, Beak Orchid, Horizontal Orchid	NT	M

#### MOST RECENT SYNONYMS

*Acianthus fornicatus* var. *sinclairii* See *Acianthus sinclairii*  
*Adelopetalum tuberculatum* See *Bulbophyllum tuberculatum*  
*Caladenia carnea* agg. See *Petalochilus bartlettii*  
*Corunastylis nuda* See *Genoplesium nudum*  
*Corybas longipetalus* (Ined.) See *Corybas hatchii*  
*Corybas macranthus* var. *longipetalus* See *Corybas hatchii*  
*Cyrtostylis reniformis* See *Cyrtostylis rotundifolia*  
*Diplodium alobulum* See *Pterostylis alobula*  
*Diplodium trullifolium* See *Pterostylis trullifolia*  
*Ichthyostomum pygmaeum* See *Bulbophyllum pygmaeum*  
*Lyperanthus antarcticus* See *Waireia stenopetala*  
*Nematoceras iridescens* See *Corybas iridescens*  
*Nematoceras longipetalum* See *Corybas hatchii*  
*Nematoceras macranthum* See *Corybas macranthus*  
*Nematoceras rivulare* See *Corybas rivularis*  
*Nematoceras trilobum* See *Corybas trilobus*  
*Orthoceras strictum* See *Orthoceras novae-zeelandiae*  
*Petalochilus alatus* See *Caladenia alata*  
*Petalochilus bartlettii* See *Caladenia minor*  
*Petalochilus chlorostylus* See *Caladenia chlorostyla*  
*Petalochilus variegatus* See *Caladenia variegata*  
*Sarcochilus adversus* See *Drymoanthus adversus*  
*Simpliglottis cornuta* See *Chiloglottis cornuta*  
*Singularybas oblongus* See *Corybas oblongus*  
*Spiranthes novae-zelandiae* See *Spiranthes australis*  
*Thelymitra uniflora* See *Thelymitra cyanea*  
*Winika cunninghamii* See *Dendrobium cunninghamii*

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<b>GRASSES</b>				
<i>Agrostis aucklandica</i> T			NT	M
<i>Agrostis muscosa</i> C		Pincushion grass	NT	CE, M
<i>Agrostis personata</i> T			NT	LT, M
<i>Amphibromus fluitans</i> F		Water brome	TNV	ED, RM, M
<i>Anemanthele lessoniana</i> C		Gossamer grass	ARL	CE, FM, FE, M
<i>Anthosachne kingiana</i> ssp. <i>multiflora</i> T		Blue grass, blue wheat grass	ARD	CE, LT, FE
<i>Anthoxanthum redolens</i> T	Kāretu	Holy grass	NT	CE, LT, FE, M
<i>Austroderia fulvida</i> C,F,T,W	Toetoe	Toetoe	NT	CE, DS, DW, RM, LT, FS, FE, M
<i>Austroderia splendens</i> F	Toetoe		NT	CE, FD, ED, DS, DW
<i>Austroderia toetoe</i> C,F,M,T	Toetoe	Toetoe	NT	DS, DW, RM, FS, FE, M
<i>Chionochloa australis</i> T		Carpet grass	NT	M
<i>Chionochloa conspicua</i> ssp. <i>conspicua</i> T	Hunungamoho	Broad-leaved brush tussock	NT	CE, ED, LT, FE, M
<i>Chionochloa conspicua</i> ssp. <i>cunninghamii</i> T	Hunangamoho	Broad-leaved brush tussock	NT	FE, M
<i>Chionochloa flavescens</i> ssp. <i>flavescens</i> T		Broad-leaved snow tussock	NT	M
<i>Chionochloa macra</i> T		Slim snow tussock	NT	M
<i>Chionochloa pallens</i> ssp. <i>pallens</i> T(100)		Mid-ribbed snow tussock	NT	M
<i>Connorochloa tenuis</i> F		Prostrate bluegrass	NT	ED, LT
<i>Echinopogon ovatus</i> C,F,M,T		Hedgehog grass	NT	ED, NT
<i>Festuca multinodis</i> C		Creeping fescue	NT	CE, M
<i>Hierochloa recurvata</i> T		Holy grass	NT	M
<i>Isachne globosa</i> F(77)		Swamp millet	NT	DS, DW, RM
<i>Lachnagrostis billardierei</i> ssp. <i>billardierei</i> C,F		Sand wind grass	NT	CE, FD, ED, RM
<i>Lachnagrostis filiformis</i> C,F		New Zealand wind grass	NT	CE, ED, RM, M
<i>Lachnagrostis littoralis</i> ssp. <i>littoralis</i> C		Coastal wind grass	NT	CE
<i>Lachnagrostis pilosa</i> ssp. <i>pilosa</i> C		Robust wind grass	NT	CE, RM, M
<i>Microlaena avenacea</i> C,F,M,T		Bush rice grass	NT	ED, LT, FE, M
<i>Microlaena polynoda</i> F		Bamboo grass	NT	ED, LT, FE, M
<i>Microlaena stipoides</i> C,F,M,T		Slender rice grass	NT	ED, LT, FE, M
<i>Oplismenus hirtellus</i> ssp. <i>imbecillus</i> C,F,M,T			NT	CE, LT, FE, M
<i>Pentapogon crinitus</i> F,M,T		Long-hair plume grass	NT	ED, DW, RM, FM, FE, M
<i>Poa anceps</i> C,F,T,W		Broad-leaved poa	NT	CE, LT, FE, M
<i>Poa billardierei</i> C,F		Sand tussock	ARD	FD, ED
<i>Poa cita</i> C		Silver tussock	NT	CE, LT, FE, M
<i>Poa colensoi</i> T		Blue tussock	NT	M
<i>Poa imbecilla</i> C		Weak poa	NT	CE, LT, FE, M
<i>Poa kirkii</i> T		Kirk's poa	NT	M
<i>Poa matthewsii</i> C			NT	CE, LT, FE, M
<i>Poa pusilla</i> F,M			NT	LT, FE, M
<i>Puccinellia stricta</i> C,F		Salt grass	NT	SE, RM, M
<i>Rytidosperma clavatum</i> C,F,M,T		Bristle grass	NT	ED, LT, FE, M
<i>Rytidosperma gracile</i> C,F,M,T		Dainty bristle grass	NT	ED, LT, FE, M

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<i>Rytidosperma nigricans</i> T		Bristle grass	NT	M
<i>Rytidosperma petrosum</i> C		Cook Strait bristle grass	ARNU	CE
<i>Rytidosperma unarede</i> C,F,T		Bristle grass	NT	LT, FE, M
<i>Spinifex sericeus</i> C,F	Kōwhangata	Spinifex	NT	FD
<i>Trisetum antarcticum</i> C			ARD	CE, FD
<i>Trisetum youngii</i> T			NT	M
<i>Zotovia colensoi</i> T			NT	M
<i>Zoysia minima</i> F		Prickly couch	ARD	CE, ED, DS

#### MOST RECENT SYNONYMS

*Agropyron kirkii* See *Elymus multiflorus* ssp. *multiflorus*  
*Agropyron scabrum* See *Connorochloa tenuis*  
*Arundo conspicua* See *Austroderia fulvida*  
*Atropis stricta* See *Puccinellia stricta*  
*Austrofestuca littoralis* See *Poa billardierei*  
*Cortaderia fulvida* See *Austroderia fulvida*  
*Cortaderia splendens* See *Austroderia splendens*  
*Cortaderia toetoe* See *Austroderia toetoe*  
*Deyeuxia aucklandica* See *Agrostis aucklandica*  
*Deyeuxia billardierei* See *Poa billardierei*  
*Deyeuxia crinita* See *Pentapogon crinitus*  
*Dichelachne crinita* See *Pentapogon crinitus*  
*Elymus multiflorus* ssp. *multiflorus* See *Anthosachne kingiana* ssp. *multiflora*  
*Hierochloa redolens* See *Anthoxanthum redolens*  
*Oplismenus imbecillus* See *Oplismenus hirtellus* ssp. *imbecillus*  
*Spinifex hirstutus* See *Spinifex sericeus*

#### SEDGES

<i>Bulboschoenus caldwellii</i> C,F	Purua grass	Caldwell's clubrush	NT	SE, ED, DW
<i>Bulboschoenus fluviatilis</i> F	Kukuraho	Marsh clubrush	NT	SE, ED, DW, DS, RM
<i>Bulboschoenus medianus</i> F(79)	Purua grass	Purua grass	NT	SE, ED, DW, DS, RM
<i>Carex acicularis</i> T(78)		Sedge	NT	M
<i>Carex astricta</i> T		Bastard grass, hook grass	NT	FS, M
<i>Carex banksiana</i> C,F,T		Fine-leaved bastard grass	NT	ED, LT, FE, M
<i>Carex breviculmis</i> C,M,T		Grassland sedge	NT	CE, ED, LT, FE, M
<i>Carex buchananii</i> F		Buchanan's sedge, cutty grass	ARD	ED, DS, DW, RM, FS, M
<i>Carex cheesemaniana</i> T		Hook Sedge, bastard grass	NT	M
<i>Carex coriacea</i> T	Rautahi	Cutty grass	NT	DW, FS, FE, M
<i>Carex corynoidea</i> F		Bastard grass, fishhooks	NT	RM, FE, M
<i>Carex cyanea</i> C		Bastard grass, hook grass	ARD	ED
<i>Carex diandra</i> C		Sedge	NT	ED, DW, LT, RM, FS, FE
<i>Carex dipsacea</i> F,T(136)		Teasel sedge	NT	ED, DW, LT, RM, FS, FE
<i>Carex dissita</i> C,F,M,T		Forest sedge	NT	ED, DS, LT, RM, FS, FE

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<i>Carex erythrovaginata</i> T		Lax bastard grass, hook sedge	NT	ED, LT, FE, M
<i>Carex flagellifera</i> C,F,M,T		Trip me up, Glen Murray tussock	NT	ED, LT, FE, M
<i>Carex forsteri</i> C,F,T		Forster's sedge	NT	ED, DS, DW, LT, RM, FS, FE, M
<i>Carex geminata</i> C,F,M,T		Cutty grass	NT	ED, DS, DW, LT, RM, FS, FE, M
<i>Carex hamlinii</i> T		Aston's bastard grass	NT	M
<i>Carex healyi</i> C,F,T		Harsh-leaved bastard grass	NT	ED, LT, FE, M
<i>Carex horizontalis</i> T		Bastard grass, hook sedge	NT	FE, M
<i>Carex imbecilla</i> T		Feeble or delicate bastard grass	NT	FE, M
<i>Carex inversa</i> C,F,M,T		Creeping lawn sedge	NT	ED, LT, FE
<i>Carex lambertiana</i> C,F,T		Forest sedge	NT	ED, DS, LT, RM, FE
<i>Carex lectissima</i> T		Fine-leaved bastard grass, hook sedge	NT	M
<i>Carex lesssoniana</i> F,M,T		Cutty grass	NT	ED, DW, LT, FS
<i>Carex litorosa</i> F		Sea sedge	ARD	SE
<i>Carex māorica</i> C,F,M,T	Makura	Māori sedge	NT	CE, DS, DW, LT, FS
<i>Carex megalepis</i> C,F,T		Bastard grass, cavers beard	NT	ED, LT, FE, M
<i>Carex obtusifolia</i> T		Fine-leaved bastard grass	NT	M
<i>Carex pumila</i> C,F		Sand sedge	NT	ED, DS
<i>Carex punicea</i> T		Red Bastard Grass, Frost Flat Hook Grass	NT	M
<i>Carex raoulii</i> C		Coastal Forest sedge	NT	ED, LT
<i>Carex 'raotest'</i> F			NT	CE, ED, LT, FE, M
<i>Carex resectans</i> C		Desert sedge	NT	CE, DS, RM, FS, M
<i>Carex secta</i> C,F,M,T	Pukio	Niggerhead	NT	DW, FS, M
<i>Carex silvestris</i> T		Forest bastard grass, hook sedge	NT	FS, M
<i>Carex solandri</i> C,F,M,T		Forest sedge, solanders sedge	NT	CE, DS, RM, FS, M
<i>Carex subviridis</i> T		Hook Sedge, bastard grass, hook grass	NT	CE, ED, LT, FE, M
<i>Carex ternaria</i> F	Rautahi	Southern cutty grass	NT	ED, DS, DW, LT, RM, FS, FE, M
<i>Carex testacea</i> C,F,T(14)		Speckled sedge, trip me up	NT	CE, ED, LT, FE, M
<i>Carex uncinata</i> C,F,M,T,W	Matau a Māui	Hooked sedge	NT	ED, LT, FE, M
<i>Carex virgata</i> C,F,M,T		Swamp sedge	NT	CE, DS, DW, RM, LT, FS, FE, M
<i>Carex zotovii</i> T		Zotov's bastard grass	NT	ED, LT, FE, M
<i>Carpha alpina</i> T		Carpha	NT	M
<i>Cyperus ustulatus</i> f. <i>ustulatus</i> C,F,M,T	Toetoe upokotangata	Giant umbrella sedge	NT	DW
<i>Eleocharis acuta</i> C,F,T		Sharp spike sedge	NT	DS, DW, RM, LT, FS, FE, M
<i>Eleocharis gracilis</i> C,F,M,T		Slender spike sedge	NT	DS, DW, RM, LT, FS, FE, M
<i>Eleocharis neozelandica</i> F		Sand spike sedge, spike sedge	ARD	SE, DW, RM
<i>Eleocharis sphacelata</i> F	Kuta	Bamboo spike sedge	NT	DW, RM, LT
<i>Ficinia nodosa</i> C,F,T	Wiwi	Knobby club rush, ethel sedge	NT	ED, DW, M
<i>Ficinia spiralis</i> C,F	Pingao	Golden sand sedge	ARD	ED
<i>Gahnia pauciflora</i> F,T		Cutting sedge	NT	ED, LT, FE, M
<i>Gahnia procera</i> T		Giant sedge, gahnia, mountain gahnia	NT	M
<i>Gahnia setifolia</i> C,F,T	Mapere	Giant Gahnia, Razor Sedge	NT	ED, RM, LT, FE, M
<i>Gahnia xanthocarpa</i> C,F,M	Tupari maunga	Gahnia	NT	ED, DW, DS, RM, LT, FS, FE, M
<i>Isolepis aucklandica</i> T			NT	DW, FS, M

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<i>Isolepis basilaris</i> F		Pygmy clubrush	ARD	SE, DW, RM, FS
<i>Isolepis cernua</i> var. <i>cernua</i> C,F,T		Slender clubrush	NT	CE, DW, DS, RM, FS
<i>Isolepis distigmatosa</i> F(27)			NT	DW, RM, FS, M
<i>Isolepis habra</i> T			NT	M
<i>Isolepis inundata</i> C,F,M,T			NT	DW, DS, RM, FS, M
<i>Isolepis pottsii</i> F,T			NT	RM, FS, FM, M
<i>Isolepis praetextata</i> C,F			DD	CE, ED, DW
<i>Isolepis prolifera</i> C,F,M,T			NT	DW, DS, RM, M
<i>Isolepis reticularis</i> C,F,T,W			NT	CE, DS, RM, FS, M
<i>Isolepis subtilissima</i> F,T			NT	DW, M
<i>Lepidosperma australe</i> C,F		Square stemmed sedge	NT	ED, DW, LT, M
<i>Lepidosperma laterale</i> F		Sword sedge	NT	ED, DW, LT
<i>Machaerina arthropphylla</i> F		Jointed baumea or twig rush	NT	DW, DS, RM, FS
<i>Machaerina articulata</i> F		Tussock swamp twig rush	NT	DS, DW, RM
<i>Machaerina juncea</i> C		Baumea	NT	SE, DS, DW
<i>Machaerina rubiginosa</i> C,F,M			NT	DW, DS, RM, FS, M
<i>Machaerina tenax</i> C,F,M			NT	DW, RM, M
<i>Machaerina teretifolia</i> F		Common twig rush, pakihi sedge	NT	DW, DS
<i>Oreobolus pectinatus</i> T		Comb, cushion or flat-leaved comb sedge	NT	M
<i>Oreobolus strictus</i> T		Comb sedge	NT	CE, LT, FS, FE, M
<i>Schoenoplectus pungens</i> C,F		Three square	NT	SE, DS, RM, FS, M
<i>Schoenoplectus tabernaemontani</i> C,F,T	Kuawa		NT	SE, DS, RM, FS, M
<i>Schoenus apogon</i> C,T			NT	ED, DW, LT, FE, M
<i>Schoenus concinnus</i> C			NT	SE, ED, DW, DS, RM, LT, FS, FE, M
<i>Schoenus maschalinus</i> C,F,T		Dwarf bog rush	NT	SE, ED, DW, DS, RM, LT, FS, FE, M
<i>Schoenus nitens</i> C,F			NT	SE, DW, DS, RM
<i>Schoenus pauciflorus</i> T		Bog rush, sedge tussock	NT	M
<i>Schoenus tendo</i> F		Kauri sedge, kauri schoenus	NT	ED, DW, LT

#### MOST RECENT SYNONYMS

*Baumea arthropphylla* See *Machaerina arthropphylla*  
*Baumea articulata* See *Machaerina articulata*  
*Baumea huttonii* See *Machaerina arthropphylla*  
*Baumea juncea* See *Machaerina juncea*  
*Baumea rubiginosa* See *Machaerina rubiginosa*  
*Baumea tenax* See *Machaerina tenax*  
*Baumea teretifolia* See *Machaerina teretifolia*  
*Carex inconspicua* See *Carex acicularis*  
*Carex lucida* See *Carex flagellifera*  
*Desmoschoenus spiralis* See *Ficinia spiralis*  
*Isolepis nodosa* See *Ficinia nodosa*

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*Mariscus ustulatus* See *Cyperus ustulatus* f. *ustulatus*  
*Schoenoplectus validus* See *Schoenoplectus tabernaemontani*  
*Scirpus americanus* See *Schoenoplectus pungens*  
*Scirpus caldwellii* See *Bolboschoenus caldwellii*  
*Scirpus cernuus* See *Isolepis cernua* var. *cernua*  
*Scirpus fluvatililis* See *Bolboschoenus fluvatililis*  
*Scirpus habrus* See *Isolepis habra*  
*Scirpus inundatus* See *Isolepis inundata*  
*Scirpus lacustris* See *Schoenoplectus tabernaemontani*  
*Scirpus medianus* See *Bolboschoenus medianus*  
*Scirpus nodosus* See *Ficinia nodosa*  
*Scirpus pottsii* See *Isolepis pottsii*  
*Scirpus prolifer* See *Isolepis prolifer*  
*Scirpus pungens* See *Schoenoplectus pungens*  
*Scirpus reticularis* See *Isolepis reticularis*  
*Uncinia astonii* See *Carex hamlinii*  
*Uncinia banksii* See *Carex banksiana*  
*Uncinia caespitosa* See *Carex astricta*  
*Uncinia clavata* See *Carex corynoidea*  
*Uncinia distans* See *Carex subviridis*  
*Uncinia ferruginea* See *Carex megalepis*  
*Uncinia filiformis* See *Carex lectissima*  
*Uncinia gracilentata* See *Carex imbecilla*  
*Uncinia laxiflora* See *Carex erythrovaginata*  
*Uncinia leptostachya* See *Carex cyanea*  
*Uncinia nervosa* See *Carex cheesemaniana*  
*Uncinia obtusifolia* See *Carex obtusifolia*  
*Uncinia rubra* See *Carex punicea*  
*Uncinia rupestris* See *Carex horizontalis* or *Carex lectissima* or *Carex minor*  
*Uncinia scabra* See *Carex healyi*  
*Uncinia silvestris* See *Carex silvestris*  
*Uncinia uncinata* See *Carex uncinata*  
*Uncinia zotovii* See *Carex zotovii*

## Latin name

## Māori name

## Common name

## Status

## Habitat

### RUSHES & ALLIED SPECIES

<i>Apodasmia similis</i> C,F	Oioi	Jointed wire rush	NT	SE, DS, RM
<i>Juncus antarcticus</i> F,T		Dwarf rush	NT	DW, FS, M
<i>Juncus australis</i> C,F,M,T	Wiwi	Leafless rush	NT	ED, DW, LT, FS, FE, M
<i>Juncus caespiticus</i> C,F,T		Grass-leaved rush	ARD	CE, DW, FS, FE
<i>Juncus distegus</i> C,T		Two storey rush	ARNU	DW, LT, FS, M
<i>Juncus edgariae</i> C,F,M,T		Edgars rush	NT	DW, LT, FS, M
<i>Juncus kraussii</i> var. <i>australiensis</i> C,F		Sea rush	NT	SE, DS
<i>Juncus novae-zelandiae</i> T		Dwarf rush	NT	M

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<i>Luzula rufa</i> var. <i>rufa</i> T		Red woodrush	NT	M
<i>Luzula subclavata</i> T			NT	FE
<i>Juncus pallidus</i> C,F,T		Giant rush, leafless rush	NT	CE, DW, RM, LT, FS
<i>Juncus planifolius</i> C,F,M,T,W		Grass-leaved rush	NT	DW, LT, FS, M
<i>Juncus pusillus</i> C		Dwarf rush	ARNU	DW, FS, M
<i>Juncus sarophorus</i> C,F,M,T		Fan flowered rush	NT	DW, RM, LT, FS
<i>Luzula banksiana</i> var. <i>banksiana</i> C		Coastal woodrush	NT	CE
<i>Luzula picta</i> var. <i>limosa</i> T			NT	FS, FE
<i>Luzula picta</i> var. <i>picta</i> C,F,T			NT	CE, ED, RM, LT, FM, FE, M

#### MOST RECENT SYNONYMS

*Juncus gregiflorus* See *Juncus edgariae*

*Juncus maritimus* var. *australiensis* See *Juncus kraussii* var. *Australiensis*

*Leptocarpus similis* See *Apodasmia similis*

#### MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES

<i>Arthropodium candidum</i> C,F,M,T	Rengarenga	New Zealand lily, bush lily	NT	ED, LT, FE
<i>Arthropodium cirratum</i> Please note: Introduced to <a href="#">Paekākāriki only</a> by mana whenua prior to European settlement, now naturalised at site, (Shepherd <i>et. al.</i> , 2018).				
	W(49)	Rengarenga, renga lily, rock lily	NT	CE
<i>Astelia fragrans</i> C,F,M,T	Kakaha	Bush flax, bush lily	NT	ED, DW, LT, FE
<i>Astelia grandis</i> F,M	Kārearea	Swamp astelia	NT	DW, RM, FS, M
<i>Astelia hastata</i> C,F,M,T,W	Kahakaha	Kahakaha	NT	ED, LT, FE, M
<i>Astelia linearis</i> var. <i>novaezelandiae</i> T			NT	M
<i>Astelia microsperma</i> T			NT	FE, M
<i>Astelia nervosa</i> T		Mountain astelia	NT	M
<i>Astelia solandri</i> C,F,T	Kōwharawhara	Perching astelia	NT	CE,ED,DS,DW, RM,LT,FS,FE
<i>Bulbinella gibbsii</i> var. <i>balanifera</i> T(104)		Māori onion	NT	M
<i>Bulbinella hookerii</i> T(82)		Māori onion	NT	M
<i>Centrolepis ciliata</i> T		Centrolepis	NT	M
<i>Dianella nigra</i> C,F,T	Tūrutu	New Zealand Blueberry	NT	ED, DW, LT, FE, M
<i>Lemna disperma</i> C,F,M,T	Kārearea	Common duck weed	NT	DW, DS, RM, FS
<i>Libertia grandiflora</i> T	Mīkoikoi	New Zealand iris	NT	CE, RM, LT, FM, FE, M
<i>Libertia ixiooides</i> C,F,T	Mīkoikoi	New Zealand iris	NT	CE, ED, DS, RM, LT, FE, M
<i>Libertia micrantha</i> T	Mīkoikoi	New Zealand iris	NT	RM, FE, M
<i>Libertia peregrinans</i> F	Mīkoikoi	New Zealand iris	TNV	CE, ED, DS
<i>Luzuriaga parviflora</i> T	Nohi, Pūwatawata	Lantern berry	NT	M
<i>Phormium cookianum</i> ssp. <i>cookianum</i> C,T	Wharariki	Mountain flax	NT	M
<i>Phormium cookianum</i> ssp. <i>hookeri</i> C,F	Wharariki	Mountain flax	NT	CE, ED, LT, FE, M
<i>Phormium tenax</i> C,F,M,T,W	Harakeke	Flax	NT	DW, DS, RM, FS, M
<i>Potamogeton cheesemanii</i> C,F,T		Red pond weed	NT	DW, DS, RM, FS
<i>Ruppia megacarpa</i> F		Horses mane weed, lakeweed	ARNU	SE, DS
<i>Ruppia polycarpa</i> F		Horses mane weed, lakeweed	NT	SE, DS
<i>Sparganium subglobosum</i> C,F	Maru	Burr-reed	NT	DW, DS, RM, FS

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<i>Stuckenia pectinata</i> F		Fennel-leaved or sago pond-weed	ARNU	SE, DS
<i>Triglochin striata</i> C,F,T		Triglochin	NT	CE, ED, DW, LT, FS, FE
<i>Typha orientalis</i> C,F,M,T	Raupō	Bullrush	NT	DW, RM, FS
<i>Wolffia australiana</i> F,T		Water-meal	NT	DW, RM, FS
<i>Zostera muelleri</i> ssp. <i>novozelandica</i> C	Nana	Seagrass, eelgrass	ARD	SE

#### MOST RECENT SYNONYMS

*CollospERMUM hastatum* See *Astelia hastata*  
*CollospERMUM microspermum* See *Astelia microsperma*  
*Lemna minor* See *Lemna disperma*  
*Libertia pulchella* See *Libertia micrantha*  
*Potamogeton pectinatus* See *Stuckenia pectinata*  
*Triglochin striatum* See *Triglochin striata*  
*Typha muelleri* See *Typha orientalis*

#### DAISY-LIKE HERBS (COMPOSITES)

<i>Abrotanella caespitosa</i> T			NT	M
<i>Abrotanella fertilis</i> T			NT	M
<i>Abrotanella linearis</i> T			NT	M
<i>Abrotanella pusilla</i> T			NT	M
<i>Anaphalioides alpina</i> T(140)			NT	M
<i>Anaphalioides bellidioides</i> T		Hells Bells	NT	FE, M
<i>Anaphalioides trinervis</i> T			NT	FE, M
<i>Brachyglottis lagopus</i> T			NT	FE, M
<i>Celmisia dubia</i> T		Mountain daisy	NT	M
<i>Celmisia hieraciifolia</i> var. <i>hieraciifolia</i> T(95)		Mountain daisy	NT	M
<i>Celmisia hieraciifolia</i> var. <i>oblonga</i> T		Mountain daisy	NT	M
<i>Celmisia spectabilis</i> ssp. <i>spectabilis</i> T		Common mountain daisy, cotton plant	NT	M
<i>Centipeda aotearoana</i> F(56)		NZ Sneezewort	ARNU	DS, DW, RM, FS
<i>Centipeda cunninghamii</i> F		Sneezeweed	NT	ED, DS, RM, FS, M
<i>Centipeda elatinooides</i> F,T		Sneezeweed, snuff weed	NT	ED, DS, RM, FS, M
<i>Centipeda minima</i> ssp. <i>minima</i> C,F		Sneezeweed, centipeda	TNE	ED, DW, FS
<i>Cotula australis</i> C,F(55),T		Common cotula, soldier's button	NT	ED, DW, LT
<i>Cotula coronopifolia</i> C,F		Bachelors button, yellow buttons	NT	ED, RM
<i>Craspedia minor</i> C,T		Small craspedia, woolyhead	NT	ED, DW, FS, M
<i>Craspedia uniflora</i> var. <i>grandis</i> C		Woolyhead	ARD	CE, M
<i>Craspedia uniflora</i> var. <i>maritima</i> C		Woolyhead	NT	CE
<i>Craspedia viscosa</i> C		Woolyhead	NT	ED, LT, FE, M
<i>Euchiton audax</i> C,F,M,T			NT	ED, LT
<i>Euchiton delicatus</i> F			NT	ED, DW, LT
<i>Euchiton involucreatus</i> C,F,M,T			NT	DW, FS
<i>Euchiton japonicus</i> C,F,M,T		Cudweed	NT	ED, LT, FE, M

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<i>Euchiton limosus</i> C,F,M,T			NT	DW, RM, LT, FS, M
<i>Euchiton sphaericus</i> T			NT	FE, M
<i>Helichrysum filicaule</i> C,F,M,T,W		Creeping slender everlasting daisy	NT	ED, LT, FE, M
<i>Lagenophora pumila</i> C,F,T,W	Papataniwhaniwha		NT	ED, LT, FE
<i>Lagenophora strangulata</i> T	Parani		NT	M
<i>Leptinella dioica</i> C,F		Shore cotula	NT	DW, ED, FS
<i>Leptinella dispersa</i> ssp. <i>dispersa</i> C,F			ARNU	CE
<i>Leptinella maniatoto</i> F			ARL	SE, DW, RM, FS, M
<i>Leptinella nana</i> C		Pygmy button daisy	TNC	CE, FE, M
<i>Leptinella squalida</i> ssp. <i>squalida</i> C			NT	CE, FE
<i>Leptinella tenella</i> C,F,T			NT	DW, DS, RM, FS
<i>Leucogenes leontopodium</i> T(109)		North Island edelweiss	NT	M
<i>Leucogenes leontopodium</i> x <i>Raoulia rubra</i> T(103)		Natural hybrid	NT	M
<i>Microseris scapigera</i> C			NT	ED, LT
<i>Pseudognaphalium lanatum</i> C(141)			NT	CE, FE, M
<i>Pseudognaphalium luteoalbum</i> C,F,M,T,W			NT	ED, LT, FE, M
<i>Raoulia glabra</i> T		Mat daisy	NT	LT, FE, M
<i>Raoulia grandiflora</i> T		Large-flowered mat daisy	NT	M
<i>Raoulia hookeri</i> var. <i>hookeri</i> C,F		Scabweed mat daisy	NT	CE, M
<i>Raoulia rubra</i> T(80)		Vegetable sheep	ARNU	M
<i>Raoulia tenuicaulis</i> T	Tutahuna	Mat daisy	NT	RM
<i>Senecio biserratus</i> F		Fireweed	ARD	CE, ED, LT
<i>Senecio esler</i> C(142)		Esler's fireweed, hairy-legs groundsel	NT	CE, M
<i>Senecio glomeratus</i> ssp. <i>glomeratus</i> C,F		Fireweed	NT	CE,ED, DW, LT, FS, FM, FE, M
<i>Senecio hispidulus</i> C,F,M,T		Fireweed	NT	CE, ED, LT, FE, M
<i>Senecio lautus</i> C,F		Shore or variable groundsel	NT	CE, FD, ED, LT
<i>Senecio minimus</i> C,F,M,T,W		Fireweed	NT	CE, ED, LT, FM, FE, M
<i>Senecio quadridentatus</i> C,F		Cotton or white fireweed	NT	CE, ED, RM, LT, FM, FE, M
<i>Senecio rufiglandulosus</i> C			NT	DS, RM, FM, M
<i>Sonchus kirkii</i> C,F	Pūhā, raurōroa	New Zealand sow thistle	ARD	CE
<i>Vittadinia australis</i> C,F,T		White fuzzweed	NT	CE, RM, FE, M

#### MOST RECENT SYNONYMS

*Anaphalioides keriensis* ssp. See *Anaphalioides trinervis*  
*Centipeda orbicularis* See *Centipeda elatinoides*  
*Cotula doica* ssp. *monoica* See *Leptinella dioica*  
*Cotula membranacea* See *Leptinella tenella*  
*Craspedia minor* var. *viscosa* See *Craspedia viscosa*  
*Erechtites minima* See *Senecio minimus*  
*Euchiton collinus* See *Euchiton japonicus*  
*Euchiton gymnocephalus* See *Euchiton collinus*  
*Gnaphalium audax* See *Euchiton audax*  
*Gnaphalium collinum* See *Euchiton collinus*

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*Gnaphalium gymnocephalum* See *Euchiton collinus*  
*Gnaphalium involucreatum* See *Euchiton involucreatum*  
*Gnaphalium kerriense* See *Anaphalioides trinervis*  
*Gnaphalium limosum* See *Euchiton limosus*  
*Gnaphalium luteo-album* See *Pseudognaphalium luteoalbum*  
*Gnaphalium sphaericus* See *Euchiton sphaericus*  
*Helichrysum alpina* See *Anaphalioides alpina*  
*Helichrysum bellidioides* See *Anaphalioides bellidioides*  
*Lagenifera pumila* See *Lagenophora pumila*  
*Lagenifera strangulata* See *Lagenophora strangulata*  
*Leptinella membranacea* See *Leptinella tenella*  
*Senecio lagopus* See *Brachyglottis lagopus*  
*Senecio saxifragoides* See *Brachyglottis lagopus*  
*Sonchus littoralis* See *Sonchus kirkii*

Latin name	Māori name	Common name	Status	Habitat
<b>DICOT HERBS OTHER THAN COMPOSITES</b>				
<i>Acaena anserinifolia</i> C,F,M,T	Hutiwai	Bidibidi	NT	ED, DS, RM, LT, FM, M
<i>Acaena juvenca</i> C		Bidibid	NT	CE, FM, M
<i>Acaena novae-zelandiae</i> F,M,T		Red Bidibid	NT	ED, DS, RM, LT, FM, M
<i>Acaena pallida</i> F		Sand piripiri, sand bidibidi	ARD	FD, ED
<i>Aciphylla colensoi</i> T	Taramea	Giant speargrass	NT	M
<i>Aciphylla dissecta</i> T			ARNU	M
<i>Aciphylla intermedia</i> T(101)		Hybrid <i>A. dissecta</i> × <i>A. colensoi</i>	NT	M
<i>Aciphylla monroi</i> T		Little speargrass	NT	T
<i>Aciphylla polita</i> T			NT	M
<i>Aciphylla squarrosa</i> var. <i>flaccida</i> C		Spaniard, speargrass	NT	CE, FE, M
<i>Anisotome aromatica</i> T	Kopoti	Aromatic aniseed, common aniseed	NT	M
<i>Anisotome haastii</i> T		Haasts carrot	NT	M
<i>Apium prostratum</i> ssp. <i>prostratum</i> var. <i>filiforme</i> C,F		New Zealand celery	NT	DS, DW, ED, LT
<i>Atriplex buchananii</i> C		Buchanan's orache	TNV	CE, ED
<i>Australina pusilla</i> ssp. <i>pusilla</i> T			NT	FE, M
<i>Azorella hookerii</i> C			NT	DS
<i>Azorella nitens</i> T(111)			NT	RM, FS, M
<i>Callitriche muelleri</i> F,M,T		Muellers starwort	NT	ED, DS, DW, RM, LT, FS, FE, M
<i>Caltha novae-zelandiae</i> T		NZ Marsh marigold, yellow caltha	NT	M
<i>Cardamine alalata</i> T			NT	M
<i>Cardamine bilobata</i> T		Native bittercress	TNC	M
<i>Cardamine chlorina</i> T			NT	RM, FS, FE, M
<i>Cardamine corymbosa</i> C			NT	CE, M
<i>Cardamine debilis</i> agg. C,F,M,T,W	Panapana	NZ bitter cress	NT	ED, DS, RM, LT, FS, FE
<i>Cardamine dolichostyla</i> T			NT	LT, FS, FM, FE, M
<i>Cardamine flexuosa</i> F.T			NT	LT, FS, FM, FE, M
<i>Cardamine forsteri</i> T			NT	LT, FE

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<i>Cardamine glara</i> T			NT	FS, M
<i>Cardamine heleniae</i> F(72)			NT	LT, RM
<i>Cardamine polyodontes</i> T			NT	M
<i>Centella uniflora</i> C,F,M,T,W		Centella	NT	DW, LT
<i>Chaerophyllum colensoi</i> var. <i>colensoi</i> T(88)		Mountain myrrh, oreomyrrhis	NT	M
<i>Chaerophyllum ramosum</i> C			NT	CE, M
<i>Chenopodium allanii</i> C			NT	ED
<i>Chenopodium triandrum</i> C		Pigweed	NT	CE
<i>Colobanthus muelleri</i> C			NT	CE
<i>Crassula colligata</i> ssp. <i>colligata</i> C			NT	CE, FE
<i>Crassula kirkii</i> C		Kirk's crassula	ARNU	CE, DS
<i>Crassula mataikona</i> C			ARNU	CE, FE, M
<i>Crassula moshata</i> C		Shore stonecrop	NT	CE, DW
<i>Crassula sieberiana</i> T			NT	CE, FE
<i>Dichondra brevifolia</i> F,M,T,W		Dichondra	NT	ED, LT, M
<i>Dichondra repens</i> C,F,M,T		Mercury bay weed	NT	ED, LT, FE, M
<i>Disphyma australe</i> ssp. <i>australe</i> C	Horokaka	Native ice plant	NT	ED
<i>Drosera auriculata</i> C,F,T		Sundew	NT	ED, LT, FE, M
<i>Drosera binata</i> C,F,T(35)		Forked or scented sundew	NT	DW, FS, M
<i>Drosera spatulata</i> T		Sundew	NT	FS, M
<i>Drosera stenopetala</i> T		Sundew	NT	M
<i>Dysphania pusilla</i> C		Small fathen	TNE	ED, LT, FE, M
<i>Elatine gratioloides</i> C			NT	DW, DS, RM
<i>Elatostema rugosum</i> F	Parataniwha	New Zealand begonia	NT	DW, DS, FS
<i>Epilobium alsinoides</i> C,T		Willowherb	NT	ED, LT, FE, M
<i>Epilobium atriplicifolium</i> T		Willowherb	NT	FE, M
<i>Epilobium bilardioreanum</i> C,F		Willowherb	NT	ED, DS, DW, LT, RM, FS, FE, M
<i>Epilobium brunnescens</i> ssp. <i>brunnescens</i> T		Creeping willowherb	NT	FE, M
<i>Epilobium chionanthum</i> C,F,T		Marsh willowherb	NT	DS, DW, RM, FS, M
<i>Epilobium cinereum</i> C,F		Willowherb	NT	DS, RM, M
<i>Epilobium cockayneanum</i> T		Willowherb	DD	M
<i>Epilobium insulare</i> C,F,T		Willowherb	NT	ED, DS, DW, LT, RM, FS, FE, M
<i>Epilobium komarovianum</i> C,F,T		Creeping willowherb	NT	CE, ED, DS, DW, LT, RM, FS, FE, M
<i>Epilobium microphyllum</i> C		Willowherb	NT	DS, RM, FS, M
<i>Epilobium nerteroides</i> T			NT	RM, FE
<i>Epilobium nummulariifolium</i> C,F,M,T		Creeping willowherb	NT	CE, DS, RM, FS, M
<i>Epilobium pallidiflorum</i> C,F,M		Swamp willowherb	NT	ED, DS, DW, LT, FS, FE, M
<i>Epilobium pedunculare</i> C,F,M,T,W		Long-stalked willowherb	NT	ED, DS, DW, LT, FS, FE, M
<i>Epilobium pernitens</i> C,T,W		Willowherb	NT	FE, M
<i>Epilobium pubens</i> T		Willowherb	NT	ED, LT, FE, M
<i>Epilobium rotundifolium</i> T		Round-leaved willowherb	NT	ED, LT, FE, M
<i>Eryngium vesiculosum</i> C		Sea holly, coastal eryngo	NT	CE

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<i>Euphorbia glauca</i> C		Shore or sea spurge, sand milkweed	ARD	CE, FD, ED
<i>Euphrasia cuneata</i> T	Waiū-atua	North Island eyebright	NT	CE, LT, FE, M
<i>Euphrasia drucei</i> T(86)		Eyebright	ARNU	M
<i>Euphrasia monroi</i> T		Alpine eyebright	NT	M
<i>Euphrasia revoluta</i> T		Eyebright	NT	M
<i>Forstera tenella</i> T			NT	M
<i>Galium propinquum</i> C,F,M,T			NT	ED, DS, DW, LT, FS, FE, M
<i>Galium trilobum</i> C,F		Native bedstraw	NT	ED, DS, DW, LT, FS, FE, M
<i>Gentianella bellidifolia</i> T(112)		Common NZ gentian	NT	FE,M
<i>Gentianella grisebachii</i> T		Forest or common gentian	NT	M
<i>Gentianella montana</i> ssp. <i>ionostigma</i> T(81)			NT	M
<i>Gentianella patula</i> T		Gentian	NT	M
<i>Geranium microphyllum</i> C,F,T			ARNU	CE, FE
<i>Geranium potentilloides</i> F			NT	ED, DS, RM, LT, FE, M
<i>Geranium sessiliflorum</i> var. <i>arenarium</i> C,T		Short-flowered cranesbill	ARD	ED, CE, FE
<i>Geranium solanderi</i> W(110)		Solander's geranium	ARD	LT, FE
<i>Geum cockaynei</i> T		Cockaynes geum	NT	M
<i>Glossostigma elatinoides</i> F			NT	SE, DS, DW
<i>Gonocarpus incanus</i> T			NT	LT, M
<i>Gonocarpus micranthus</i> ssp. <i>micranthus</i> C,F,T			NT	DW, FS
<i>Gonocarpus montanus</i> C			NT	CE, FE
<i>Gratiola sexdentata</i> C,F		Gratiola	NT	DW, RM
<i>Gunnera arenaria</i> F			ARD	ED, DW, RM
<i>Gunnera dentata</i> F			NT	ED, DW, RM
<i>Gunnera monoica</i> T(69)			NT	RM, FS
<i>Gunnera prorepens</i> F			NT	ED, DW, RM
<i>Haloragis erecta</i> ssp. <i>erecta</i> C,F,T	Toatoa	Fireweed, shrubby haloragis	NT	CE, FM, FE, M
<i>Hydrocotyle elongata</i> C,F,T			NT	ED, DW, LT, FS, FM, FE, M
<i>Hydrocotyle heteromeria</i> C,F,M,T		Waxweed, waxweed pennywort	NT	ED, LT, FM, FE
<i>Hydrocotyle hydrophila</i> C,F			NT	DW
<i>Hydrocotyle microphylla</i> F			NT	ED, DW, LT, FS
<i>Hydrocotyle moschata</i> var. <i>moschata</i> C,F,M,T,W		Hairy pennywort	NT	ED, LT, FM, FE, M
<i>Hydrocotyle moschata</i> var. <i>parvifolia</i> F,M,T,W		Hairy pennywort	NT	ED, LT, FM, FE, M
<i>Hydrocotyle novae-zelandiae</i> var. <i>novae-zelandiae</i> F,M,T			NT	ED, DW, LT
<i>Hydrocotyle novae-zelandiae</i> var. <i>montana</i> C			NT	CE, LT, FM, M
<i>Hydrocotyle pterocarpa</i> F			NT	DW
<i>Hypericum pusillum</i> C,F,M,T		Swamp hypericum	NT	DW, LT, FS, M
<i>Jovellana repens</i> T			NT	RM, LT, FE
<i>Kelleria dieffenbachii</i> T			NT	M
<i>Lepidium obtusatum</i> C			TNE	CE
<i>Lepidium olearaceum</i> C	Nau	Cook's scurvy grass	TNE	CE
<i>Lepidium tenuicaule</i> C		Shore cress	ARL	CE, DW
<i>Leptostigma setulosum</i> C,F,M,T			NT	DW, LT

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<i>Lilaeopsis novae-zelandiae</i> C			NT	CE, RM, LT, FE, M
<i>Lilaeopsis ruthiana</i> T			NT	FS, M
<i>Limosella lineata</i> C,F		Mudwort	NT	DW, DS, RM, LT
<i>Linum monogynum</i> var. <i>monogynum</i> C	Rauhuia	New Zealand true flax, New Zealand linen flax	ARD	CE, ED, FE, M
<i>Lobelia anceps</i> C,F,T	Punakura	New Zealand lobelia, shore lobelia	NT	CE, DS, DW, RM, FS, M
<i>Lobelia angulata</i> F,T(3)		Pratia	NT	CE, DS, RM, LT, M
<i>Lobelia perpusilla</i> F			NT	ED, DW
<i>Mazus novaezeelandiae</i> ssp. <i>impolitus</i> f. <i>impolitus</i> F,T		Dwarf musk, mat-leaved mazus	TNE	ED, DW
<i>Mazus novae zelandiae</i> ssp. <i>novae zelandiae</i> T		Dwarf musk	ARD	LT, FS, FM, FE
<i>Mazus pumilio</i> M,W		Mazus	NNV	LT, FM, FE
<i>Mentha cunninghamii</i> C	Hioi	NZ mint	ARD	CE, ED, DS, RM, LT, FM, FE, M
<i>Montia calycina</i> T(87)			NT	M
<i>Montia fontana</i> ssp. <i>fontana</i> C		Blinks, Blinkswater chickweed, dwarf montia	NT	DS, RM, FS, M
<i>Myosotis brevis</i> C			TNV	CE, FE, M
<i>Myosotis lytteltonensis</i> C		Lyttelton forget-me-not	TNC	CE, FE
<i>Myosotis forsteri</i> C		Forster's forget-me-not	NT	CE, DS, RM, FS
<i>Myosurus minimus</i> ssp. <i>novae-zelandiae</i> C		New Zealand mousetail, bearded mousetail	TNV	ED, RM, M
<i>Myriophyllum pedunculatum</i> ssp. <i>novaezeelandiae</i> F			NT	DW, FS, M
<i>Myriophyllum propinquum</i> C,F,T		Common water milfoil	NT	DW, FS, M
<i>Myriophyllum robustum</i> F		Stout water milfoil	ARD	DW
<i>Myriophyllum triphyllum</i> C,F		Water milfoil	NT	DW, FS, M
<i>Myriophyllum votschii</i> C,F			NT	CE, RM, FS
<i>Nertera ciliata</i> F,M,T			NT	ED, LT, FE, M
<i>Nertera depressa</i> C,F,M,T		Bead plant, fruiting duckweed	NT	CE, DW, RM, LT, FS, FE, M
<i>Nertera dichondrifolia</i> T			NT	CE, LT, FE, M
<i>Nertera scapanioides</i> F,T(25)			NT	ED, DW, M
<i>Nertera villosa</i> T		Hairy Forest nertera	NT	ED, CE, LT, FE, M
<i>Ourisia caespitosa</i> T		Creeping Mountain fox glove	NT	M
<i>Ourisia macrocarpa</i> T		Snowy Mountain foxglove, mountain ourisia	NT	M
<i>Ourisia macrophylla</i> ssp. <i>macrophylla</i> T(99)		Mountain foxglove	NT	M
<i>Oxalis exilis</i> C,F,M,T,W		Creeping oxalis, yellow oxalis	NT	CE, DS, DW, LT, FM, M
<i>Oxalis magellanica</i> C,T		White oxalis	NT	CE, ED, RM, LT, FE, M
<i>Oxalis rubens</i> C,F,T		Dune oxalis	NT	ED
<i>Oxybasis glauca</i> ssp. <i>ambigua</i> C,F		Amaranthaceae	ARD	SE, DW
<i>Parietaria debilis</i> C,F,M,T,W	Panapana	New Zealand pellitory	NT	ED, DW, LT, FE
<i>Pelargonium inodorum</i> F	Kopata		NT	CE, ED, LT, M
<i>Peperomia urvilleana</i> C,T		Peperomia	NT	CE, LT
<i>Persicaria decipiens</i> C,F,M,T			NT	DS, DW, RM, FS, M
<i>Phyllachne clavigera</i> T			NT	FS, M
<i>Phyllachne colensoi</i> T			NT	M
<i>Plantago lanigera</i> T			NT	M
<i>Plantago novae-zelandiae</i> T			NT	M
<i>Plantago raoulii</i> C,F,M, T			NT	CE, LT, FE

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<i>Plantago spathulata</i> F	Kaupārerarera, Pārerarera	Papa plantain	NT	ED, LT
<i>Plantago triandra</i> T		Glossy plantain, starweed	NT	M
<i>Plantago unibracteata</i> T			NT	FE, M
<i>Polygonum plebeium</i> F		Small knotweed	ARD	DS, DW, RM, FS, M
<i>Potentilla anserinoides</i> C,F		Silverweed	NT	DW, LT, FS, FE, M
<i>Ranunculus acaulis</i> C,F		Sand or shore buttercup	NT	CE, DS, RM
<i>Ranunculus amphitrichus</i> F,T	Waoriki		NT	DS, DW, RM, FS, M
<i>Ranunculus glabrifolius</i> F			NT	DS, DW, RM, FS, M
<i>Ranunculus insignis</i> T(89)	Korikori	Hairy alpine buttercup, hairy mountain buttercup	NT	M
<i>Ranunculus macropus</i> C,F		Swamp buttercup	DD	DW, FS, M
<i>Ranunculus membranifolius</i> F,T			NT	ED, LT, FE, M
<i>Ranunculus recens</i> F			TNV	ED, DW, FS, M
<i>Ranunculus reflexus</i> C,F,M,T,W	Maru	Hairy buttercup	NT	ED, LT, FE, M
<i>Ranunculus ternatifolius</i> T			TNV	FS, M
<i>Ranunculus verticillatus</i> T			NT	M
<i>Rorippa palustris</i> C,F	Poniu	Marsh yellow cress	NT	DS, DW, RM, FS, M
<i>Rumex flexuosus</i> C	Runa	Māori dock, NZ dock	NT	ED, LT, FE, M
<i>Rumex neglectus</i> C		Shore dock	NT	CE, FD
<i>Samolus repens</i> var. <i>repens</i> C,F		Sea primrose, shore pimpernel	NT	ED
<i>Sarcocornia quinqueflora</i> var. <i>quinqueflora</i> C,F		Glasswort	NT	CE, FD
<i>Scandia geniculata</i> C		Scandia	NT	CE, FE, M
<i>Scleranthus biflorus</i> C		Canberra grass	NT	CE
<i>Sebaea ovata</i> F		Sebaea	TNC	DW, DS
<i>Selliera radicans</i> F	Remuremu	Selliera	NT	CE, FD
<i>Solanum americanum</i> F,M,T		Small flowered nightshade	NT	ED, LT
<i>Stellaria decipiens</i> var. <i>decipiens</i> C,F,M,T,W			ARNU	ED, LT, FE, M
<i>Stellaria parviflora</i> C,F,T		New Zealand chickweed	NT	ED, LT, FE, M
<i>Thyridia repens</i> C,F		Native musk, Native monkey flower	ARNU	SE, RM
<i>Urtica ferox</i> C,T	Ongaonga	Tree nettle	NT	CE, ED, LT, FM, FE, M
<i>Urtica perconfusa</i> C,F		Swamp nettle	ARD	DW, FS
<i>Urtica sykesii</i> C,F,T	Ongaonga	Scrub nettle	NT	CE, ED, LT, FM, FE, M
<i>Utricularia australis</i> F		Yellow Bladderwort	TNC	DW, FS
<i>Utricularia dichotoma</i> ssp. <i>novae-zelandiae</i> T		Bladderwort	NT	DW, FS, M
<i>Veronica lanceolata</i> T(85)		Parahebe	NT	RM, LT, M
<i>Viola cunninghamii</i> C,F,T		Mountain or white violet	NT	ED, LT, FS, FE, M
<i>Viola filicaulis</i> T		Forest violet	NT	ED, FS, RM, FE
<i>Viola lyalli</i> F		NZ native violet	NT	ED, LT, FS, FE, M
<i>Wahlenbergia ramosa</i> C		Coastal harebell	NT	CE
<i>Wahlenbergia rupestris</i> F,M,T		White harebell	NT	CE, ED, LT, FE, M
<i>Wahlenbergia vernicosa</i> C		Coastal harebell, glossy harebell	NT	CE
<i>Wahlenbergia violacea</i> F,M,T		Violet harebell	NT	ED, LT, FE

C=Cook Strait F=Foxton M=Manawatu Plains T=Tararua W=Wellington / E=Extinct DD=Data Deficient TNC=Threatened Nationally Critical TNE=Threatened Nationally Endangered TNV=Threatened Nationally Vulnerable ARD=At Risk Declining ARR=At Risk Recovering ARL=At Risk Relict ARNU=At risk naturally uncommon NNV=Non-native Vagrant NNC=Non-native Coloniser NT=Not Threatened IN=Introduced and Naturalised /SE=Saline Estuary CE=Coastal Escarpment FD=Fore Dune ED=Established Dune DS=Dune-land Stream DW=Dune-land Wetland RM=Riparian Margin LT=Lowland Terrace FS=Forest Seepage/Wetland FM=Forest Margin FE=Foothills, Escarpment M=Montane

## MOST RECENT SYNONYMS

*Apium australe* See *Apium prostratum* ssp. *prostratum* var. *filiforme*  
*Apium prostratum* ssp. See *Apium prostratum* ssp. *prostratum* var. *filiforme*  
*Apium australe* See *Apium prostratum* ssp. *prostratum* var. *filiforme*  
*Chenopodium ambiguum* See *Oxybasis glauca* ssp. *ambigua*  
*Chenopodium pusillum* See *Dysphania pusilla*  
*Crassula tetramera* See *Crassula colligata* ssp. *colligata*  
*Drosera peltata* ssp. *auriculata* See *Drosera auriculata*  
*Einadia allanii* See *Chenopodium allanii*  
*Einadia triandra* See *Chenopodium triandrum*  
*Epilobium linnaeoides* See *Epilobium pedunculare*  
*Galium tenuicaule* See *Galium trilobum*  
*Gentiana matthewsii* See *Gentianella grisebachii*  
*Gentiana patula* See *Gentianella patula*  
*Goodenia radicans* See *Selliera radicans*  
*Haloragis incana* See *Gonocarpus incanus*  
*Haloragis micrantha* See *Gonocarpus micranthus* ssp. *micranthus*  
*Hydrocotyle americana* See *Hydrocotyle heteromeria*  
*Hydrocotyle moschata* See *Hydrocotyle moschata* var. *moschata* or *Hydrocotyle moschata* var. *parvifolia*  
*Hypericum japonicum* See *Hypericum pusillum*  
*Leptostigma setulosa* See *Leptostigma setulosum*  
*Mimulus repens* See *Thyridia repens*  
*Myosotis australis* var. *lytteltonensis* See *Myosotis lytteltonensis*  
*Myosotis pygmaea* var. *minutiflora* See *Myosotis brevis*  
*Nertera setulosa* See *Leptostigma setulosa*  
*Oreomyrrhis ramosa* aff. See *Chaerophyllum ramosum*  
*Oxalis lacteal* See *Oxalis magellanica*  
*Parahebe lanceolata* See *Veronica lanceolata*  
*Plantago uniflora* See *Plantago unibracteata*  
*Polygonum decipiens* See *Persicaria decipiens*  
*Polygonum salicifolium* agg. See *Persicaria decipiens*  
*Pratia angulata* See *Lobelia angulata*  
*Pratia perpusilla* See *Lobelia perpusilla*  
*Psychrophila novae-zelandiae* See *Caltha novae-zelandiae*  
*Ranunculus hirtus* See *Ranunculus membranifolus*  
*Ranunculus rivularis* See *Ranunculus amphitrichus* or *Ranunculus glabrifolius*  
*Schizeilema nitens* See *Azorella nitens*  
*Schizeilema trifoliolatum* See *Azorella hookerii*  
*Solanum nodiflorum* See *Solanum americanum*  
*Stellaria decipiens* See *Stellaria decipiens* var. *decipiens*  
*Urtica incisa* See *Urtica sykesii*  
*Urtica linariifolia* See *Urtica perconfusa*  
*Wahlenbergia colensoi* See *Wahlenbergia littoricola* ssp. *vernica*; *Wahlenbergia ramosa*; *Wahlenbergia rupestris*  
*Wahlenbergia gracilis* See *Wahlenbergia ramosa*; *Wahlenbergia rupestris*; *Wahlenbergia violacea*  
*Wahlenbergia littoricola* ssp. *vernica* See *Wahlenbergia vernica*  
*Wahlenbergia marginata* See *Wahlenbergia violacea*

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**94 Park, T.** (2014) InaturalistNZ observation, *Ricciocarpos natans*, Te Hapua wetland complex. <https://inaturalist.nz/observations/988317> Observed 3<sup>rd</sup> March 2014. Found online in January 2024.

**77 Perrie, L.** (2015) InaturalistNZ observation, *Isachne globosa*, near forest lakes. <https://inaturalist.nz/observations/1365814> Observed 3<sup>rd</sup> April 2015. Found online in January 2024.

**118 Perrie, L.** (2021) InaturalistNZ observation, *Campylopus introflexus*, Queen Elizabeth Park. <https://inaturalist.nz/observations/1365814> Observed 6<sup>th</sup> March 2021. Found online in February 2024.

**Ravine, D. (Havell, D. & Ogle, C.)** (1989) Wanganui Plant List No. 143 – Vascular Plants of the Manawatu Estuary & Fern bird Flats. Gridref. NZMS 260 S24 005 774, Manawatu South Gridref. NZMS260 s24 995 785. List compiled by Don Ravine 27<sup>th</sup> January 1989 (with additions by David Havell and Colin Ogle).

**Rolfe, J.** (1989) Plant Checklist for Kahikatea Pukatea Semi-Swamp forest adjoining Ōtaki Domain. List compiled March 10<sup>th</sup>, 1989.

**93 Saville, N.** (2015) InaturalistNZ observation, *Polystichum vestitum*, Queen Elizabeth Park, Paekakariki. <https://inaturalist.nz/observations/2319381> Observed 25th September 2015. Found online in January 2024.

**Turner, J. & Hamill, K.** (2009) Takamore and Waikanae Christian Holiday Park Wetlands – Ecological characteristics and considerations for restoration and enhancement. Opus International Consultants Limited – Environmental, Opus House, Princess Street, Private bag 3057, Waikato Mail Centre, Hamilton 3240, New Zealand. © Opus International Consultants Limited 2009. List compiled May 2009.

**72 Ward, M.D.** (2009) Personal Observation *Cardamine heleniae*, Muaupoko Swamp area in the waste area near the train tracks. Observed 12<sup>th</sup> November 2009.

**5 Ward, M.D.** (2010) Personal Observation, *Nertera scapanioides* in the area known as the Raumati peat-lands directly east of the planned route of the motorway, amongst bracken, gorse and blackberry. Observed 5<sup>th</sup> March 2010.

**11 Ward, M.D.** (2010) Personal Observation, *Lindsaea linearis* growing in the undergrowth of the largest part of the remnant collection known as Haruatai Park. Observed 28<sup>th</sup> June 2010.

**12 Ward, M.D.** (2010) Personal Observation, *Grammitis billardierei* growing happily among all three of the remnant bush blocks in the Haruatai Park area. Observed 7<sup>th</sup> July 2010.

**27 Ward, M.D.** (2011) Personal Observation, *Isolepis distigmatosa* maybe have missed on many botanical lists primarily due to its size, this species has been seen in other local ecological districts and will be added to them in the future when spotted again. Observed 28<sup>th</sup> January 2011.

**28 Ward, M.D.** (2011) Personal Observation, *Pterostylis trullifolia* in the area known as the Jack's Bush, a single flowering specimen of *Pterostylis trullifolium* accompanied by many not as yet flowering specimens, was spotted in the undergrowth below the regenerating scrub in the peaty area in the Southwest of Reserve. Observed 14<sup>th</sup> June 2011.

**29 Ward, M.D.** (2011) Personal Observation, *Lastreopsis velutina* growing in several locations on the established banks at the western side of the oxbow. Observed 8<sup>th</sup> July 2011.

**40 Ward, M.D.** (2011) Personal Observation, *Thelymitra pauciflora*, several specimens located in the Manuka wetland complex at the Takamore Wetland area. Observed 22<sup>nd</sup> December 2011.

**107 Ward, M.D.** (2011) Personal Observation *Palhinhaea cernua*, Waikanae manuka remnant next to Expressway. Observed 27<sup>th</sup> July 2011.

**46 Ward, M.D.** (2012) Personal Observation, *Caladenia chlorostyla* several specimens finally caught in the act of flowering so that they could be positively identified. Observed 7<sup>th</sup> December 2012.

**55 Ward, M.D.** (2015) Personal Observation, *Cotula australis*, nestled beside an area I have just planted at Campbell Park, Paekākāriki. Observed 22<sup>nd</sup> July 2015.

**66 Ward, M.D.** (2018) Personal Observation, *Veronica elliptica*, growing in the sedge and rush land area of the Waikanae Estuary are South-side, Otaihanga. Observed 12<sup>th</sup> March 2018.

**70 Ward, M.D.** (2019) Personal Observation *Muehlenbeckia complexa* var. *grandifolia*, Pekapeka dunes area, Observation confirmed January 2019.

**71 Ward, M.D.** (2022) Personal Observation *Hypolepis dicksonioides*, Waikanae Park wetland area within fenced and gated area. Observed 1<sup>st</sup> February 2022.

**79 Ward, M.D.** (2023) Personal Observation *Bulboschoenus medianus*, Paraparaumu beach beside stream near DOC boat ramp. Observed 18<sup>th</sup> April 2023.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Himitungi Bush Scientific Reserve, Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N 148 885 256. List compiled November 1983.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Papaitonga Scenic Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N 152 745 000 List compiled October – November 1983.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Round Bush Scenic Reserve, Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N 148 800 248. List compiled August 1984.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Waikanae Estuary Scientific Reserve (proposed). Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N 156/157 540720. List compiled in September 1983.

**Workers Education Association** (1989) Plant Checklist for Nga Manu Bird Sanctuary. List compiled in 1989.

### **MANAWATU PLAINS ECOLOGICAL DISTRICT**

**130 Bellbutler, P.** (2022) InaturalistNZ Observation, *Lopidium concinnum*. <https://inaturalist.nz/observations/137706418> Observed 1<sup>st</sup> October 2022. Found online in February 2024.

**134 Bellbutler, P.** (2022) InaturalistNZ Observation, *Trachyloma diversinerve*. <https://inaturalist.nz/observations/134677683> Observed 10<sup>th</sup> September 2022. Found online in February 2024.

**Beveridge, P.; Druce, A.P.; Enright, P.; John, O.; Wassilieff, M.C.** (1978 – 2000) Plant List for Waikanae Scenic Reserve, Centred on Gridref. Topomap R26 & Pt R25 858375. Based on lists compiled by A.P. Druce (1978) and M.C. Wassilieff (1984). Updated by Peter Beveridge, Olaf John, Pat Enright 7<sup>th</sup> October 2000 (3hrs)

**Department of Conservation** (1966) *Caladenia minor*, Horowhenua Otaki Plain. New Zealand Plant Conservation Network Plant distribution data. Accessed November 20<sup>th</sup> 2018

**Druce, A.P.** (1978 - 1992) Indigenous Vascular Plants of Waikanae Scientific Reserve, Gridref. N156/157 620750 Alt. 100-300ft/30-90m (based on visit August 1978) revised June 1979, May 1980, October 1983, August 1990, November 1992.

**Druce, A.P.** (1960 – 1990) Vascular Plants in, and surrounding, secondary Totara – Matai Forest on the Ōtaki Plain, Wellington. (Based on observations 1960-65, and 1977) Gridref. N156-7 66-82- Alt.c.100ft. A.P. Druce, Botany Division, D.S.I.R., 1966\* (revised July 1972, May 1974, June 1975, August 1977, June 1979, June 1980, July 1985, August 1990) (\*Originally published in Bull. Wellington Bot. Soc. 33:22-39)

**Enright P.** (2002) Plant Checklist for bush and swamp area on the Pritchard Property North of Ōtaki, alt. 20m a.s.l. Grid reference: S25 931 501. List compiled 20<sup>th</sup> January, 2002.

**Enright, P. & John, O.** (2000) Plant checklist for a bush fragment at Te Horo, Centred on Grid reference Topomap R26 & Pt R25 870397. List compiled 15<sup>th</sup> April 2000 and 30<sup>th</sup> April 2000.

**Enright, P. & John, O.** (2002) Vascular Plants in Bush and Swamp area at the end of Taylors Road North of Ōtaki, Gridref. Topomap S25 931501 Alt 20m a.s.l. List compiled 19<sup>th</sup> January, 2002.

**Mitcalfe, B. J. & Horne, J.C.** (2012) “Te Rama”, 516 State Highway 1, RD 1, Waikanae 5391. NZTOPO50-BP32 Paraparaumu, centred on grid reference 73807205. List compiled on 18 July 2012 during a 3.5-hour reconnaissance.

**Ogle, C.** (1986) Vegetation and Flora of Koputaroa Snail Reserve, Horowhenua. List compiled 1<sup>st</sup> April, then revised 6<sup>th</sup> October 1986.

- 113 Perrie, L.** (2022) InaturalistNZ Observation, *Achrophyllum dentatum*. <https://inaturalist.nz/observations/137115338> Observed 1<sup>st</sup> October 2022. Found online in February 2024.
- 117 Perrie, L.** (2022) InaturalistNZ Observation, *Calomnion complanatum*. <https://inaturalist.nz/observations/137706534> Observed 1<sup>st</sup> October 2022. Found online in February 2024.
- 125 Perrie, L.** (2022) InaturalistNZ Observation, *Symphyogyna subsimplex*. <https://inaturalist.nz/observations/137115429> Observed 1<sup>st</sup> October 2022. Found online in February 2024.
- 127 Perrie, L.** (2022) InaturalistNZ Observation, *Symphyogyna hymenophyllum*. <https://inaturalist.nz/observations/137115249> Observed 1<sup>st</sup> October 2022. Found online in February 2024.
- 139 Perrie, L.** (2022) InaturalistNZ Observation, *Pallavicinia tenuinervis*. <https://inaturalist.nz/observations/137115247> Observed 1<sup>st</sup> October 2022. Found online in February 2024.
- Ravine, D & Townsend, A.** (1993) RAP 8 Castle Hill Farm, Study Area 35, Grid reference S25 935 465. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 13<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 3 Denton's Bush, Study Area 22, Grid reference S25 948 430. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 16<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 4 Ainslie Farm Bush, Study Area 23, Grid reference S25 919 431. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 16<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 6 Croad's Road Gully, Study Area 28, Grid reference S25 953 432. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 16<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 9 Pritchard's Swamp, Study Area 40, Grid reference S25 934 499. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 28<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 10 Keeling's Bush, Study Area 45a, Grid reference S25 940 515. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 30<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 11 Takapu Road Bush, Study Area 47, Grid reference S25 943 517. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 30<sup>th</sup> September, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 5 Kirkwell Bush No. 4, Study Area 25, Grid reference S25 932 434. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 7<sup>th</sup> October, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 1 Faith's Bush, Study Area 16c, Grid reference S25 883 428. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 18<sup>th</sup> October, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 2 Moffat's Bush, Study Area 18a, Grid reference S25 957 413. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 22<sup>nd</sup> October, 1993.
- Ravine, D & Townsend, A.** (1993) RAP 7 Hughes Bush B, Study Area 32b, Grid reference S25 746 450. Manawatu Plains Ecological District – Survey Report for the Protected Natural Areas Programme 1995, Crown copyright Reserved. Department of Conservation, Wanganui, New Zealand. List compiled 13<sup>th</sup> December, 1993.
- Townsend, A.** (1993) Plant Checklist for site 19: Mangaone Stream floodplain, Hautere Plain, Ōtaki. Gridref. NZMS 260 S25 902419. List compiled 14<sup>th</sup> October, 1993.

- 15 Ward, M.D.** (2010) Personal Observation, on Kiripiti Scientific Reserve, Ōtaki, *Korthalsella lindsayi* growing on *Melicope simplex*. I have managed to find more than one plant hosting the parasite therefore suggesting there are more to be found. Observed 21<sup>st</sup> May 2010.
- 21 Ward, M.D.** (2010) Personal Observation, *Leucopogon fasciculatus* seen in swampy area of the Pukehou Swamp, Ōtaki. Observed 27<sup>th</sup> October 2010.
- 24 Ward, M.D.** (2010) Personal Observation, *Caladenia variegatus* growing as a lone specimen at Kiripiti Scientific Reserve amongst the leaf litter. Observed 6<sup>th</sup> December 2010.
- 28 Ward, M.D.** (2011) Personal Observation, *Fuscospora solandri*, seen growing on the banks of the Ōtaki River, in an area that is very close to the border of this ecological district and that of the Tararua Ecological District. Observed 5<sup>th</sup> October 2011.
- 29 Ward, M.D.** (2011) Personal Observation, *Coriaria sarmentosa*, during a 60-minute visit to the Ōtaki Gorge Road Reserve, growing on the lower bank of the true left of the Ōtaki River. Observed 31<sup>st</sup> October 2011.
- 54 Ward, M.D.** (2015) Personal Observation, *Pterostylis montana*, in Kiripiti Scientific Reserve. I have seen this colony before but, refrained from adding it as I was not so sure of its species, I am confident this year to add it to the list. Observed 23<sup>rd</sup> November 2015.
- 60 Ward, M.D.** (2016) Personal Observation, *Corybas oblongus*, in Kiripiti Scientific Reserve. Observed 4<sup>th</sup> November 2016.
- 62 Ward, M.D.** (2017) Personal Observation, *Corybas cheesemani*, in the lower reaches of Paraparaumu Scenic Reserve. Observed 14<sup>th</sup> July 2017.
- 65 Ward, M.D.** (2017) Personal Observation, *Caladenia chlorostyla*, in Kiripiti Scientific Reserve. Observed 14<sup>th</sup> November 2017.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Kiripiti Scientific Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Prepared by Wassilieff, M. C.; Clark, D. J. Gridref. N157 667 823. List compiled in September 1983.

**Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Waikanae Scenic Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Prepared by M.C. Wassilieff and D.J. Clark. Gridref.N 157 618 752, List compiled in November 1983.

## **TARARUA ECOLOGICAL DISTRICT**

**Brownsey, P.J.** (1990) List of Ferns from Kaitawa Scenic Reserve, Mangaone Walkway. List compiled 4<sup>th</sup> August 1990

**Brownsey, P.J.** (Unknown) Species List of Ferns for Akatarawa Saddle and Waterfall Creek. Date list compiled unknown.

**123 Candler, G.** (2020) InaturalistNZ Observation, *Weymouthia mollis*, Hemi Matenga Reserve. <https://inaturalist.nz/observations/59846967> Observed September 17<sup>th</sup>, 2020. Found online February 2024.

**132 Candler, G.** (2018) InaturalistNZ Observation, *Macromitrium longipes*, Mount Maunganui. <https://inaturalist.nz/observations/15510094> Observed July 18<sup>th</sup> 2018. Found online February 2024

**Coulter, I.** (1965) Partial Species List Mangaone Walkway. Prepared by Workers Education Association (WEA); (fern class). August 1973.

**Department of Conservation** (1980) *Caladenia minor*, Maungakotukutuku Valley, Maunganui and Titi. New Zealand Plant Conservation Network Plant distribution data. Accessed November 20<sup>th</sup>, 2018.

**Department of Conservation** (1981) *Townsonia deflexa*, Renata Ridge, Tararua Range. New Zealand Plant Conservation Network Plant distribution data. Accessed November 23<sup>rd</sup>, 2018

- Department of Conservation** (1986) *Caladenia minor*, Kaitawa Scenic Reserve. New Zealand Plant Conservation Network Plant distribution data. Accessed November 20<sup>th</sup>, 2018.
- Department of Conservation** (1997) *Pseudopanax lessonii*, Hemi Matenga Scenic Reserve. New Zealand Plant Conservation Network Plant distribution data. Accessed November 8<sup>th</sup>, 2018.
- Department of Conservation** (2000) *Peraxilla colensoi*, Plateau Stream above Otaki Forks. New Zealand Plant Conservation Network Plant distribution data. Accessed November 8<sup>th</sup> 2018.
- Department of Conservation** (2004) *Peraxilla colensoi*, Waitewaewae River catchment. New Zealand Plant Conservation Network Plant distribution data. Accessed November 8<sup>th</sup> 2018.
- 83 Dillon, J.** (2021) InaturalistNZ Observation, *Veronica tetragona* ssp. *subsimilis*, Upper reaches of the Tararua's. <https://inaturalist.nz/observations/102145080> Observed 29<sup>th</sup> November 2021. Found online January 2024.
- 115 Dillon, J.** (2021) InaturalistNZ Observation, *Achrophyllum quadrifarium*. <https://inaturalist.nz/observations/100387629> Observed 6<sup>th</sup> November 2021. Found online January 2024.
- 78 Dillon, J.** (2022) InaturalistNZ Observation, *Carex acicularis*, Mt Hector. <https://inaturalist.nz/observations/145564470> Observed 30<sup>th</sup> December 2022. Found online January 2024.
- 82 Dillon, J.** (2022) InaturalistNZ Observation, *Bulbinella hookerii*, Mt Hector and along ridge. <https://inaturalist.nz/observations/145564364> <https://inaturalist.nz/observations/145564329> Observed 30<sup>th</sup> December 2022. Found online January 2024.
- 103 Dillon, J.** (2022) InaturalistNZ Observation, *Leucogenes leontopodium* x *Raoulia rubra*, Mt Hector and along ridge. <https://www.inaturalist.org/observations/145564344> Observed 30<sup>th</sup> December 2022. Found online January 2024.
- 140 Dillon, J.** (2022) InaturalistNZ Observation, *Anaphalioides alpina*, Mt Hector and along ridge. <https://inaturalist.nz/observations/145564391> Observed 30<sup>th</sup> December 2022. Found online March 2024.
- 114 Dillon, J.** (2023) InaturalistNZ Observation, *Achrophyllum dentatum*. <https://inaturalist.nz/observations/166552647> Observed 10<sup>th</sup> June 2023. Found online January 2024
- 135 Dillon, J.** (2023) InaturalistNZ Observation, *Trachyloma diversinerve*. <https://inaturalist.nz/observations/195894527> Observed 30<sup>th</sup> December 2023. Found online February 2024.
- Druce, A.P.** (1964 -1990) Plant Checklist for Hadfields Bush, Paraparaumu, Wellington. Gridref.: N157, 560, 680. List compiled in 1964. Revised 1972, April 1974, June 1979, June 1980, July 1985, May 1988, August 1990.
- Druce, A.P.** (1964 -1990) Plant Checklist for Mount Kapakapanui, Tararua Range. Prepared by Tony Druce. Druce list number: 37. Gridref.: N157, 688, 650. List compiled in July 1974. revised in June 1975, June 1976, May 1977, June 1979, June 1980, November 1984, April 1985, August 1990, July 1991.
- Enright, P.; John, O.; Wright, K.** (1997 - 2002) List of vascular plants in the bush area at Bluff Hill on Reikorangi Road, Topomap R26 & Pt R25 850316 100 – 200m asl. List compiled April 97, July 2002, August 2002.
- Enright, P.; John, O.; Ogle, C.** (1973-2015) List of Indigenous Vascular Plants of Maungakotukutuku Valley including Eastern Ridge and Maunganui (2322ft). List updated January, 2015.



**Enright, P. & John, O.** (1997- 2004) Paraparaumu Scenic Reserve including F & B Field Reserve and adjacent DOC covenant – Original list taken from *Scenic Reserves of the Lower North Island* M C Wassilieff, D J Clark and I Gabites. (DJC, MCW 20 hrs Oct 1983). Additional surveys: Pat Enright & Olaf John 09/08/97 Pat Enright 16/8/97; Pat Enright, Olaf John 23/8/03 (3½hrs) Electricity 4wd road and surrounds and section of bush on flat next to Nikau Lakes subdivision. Pat Enright, Olaf John 30/8/03 (5hrs) Bush patch between road and coast. Along the northern boundary to where creek passes into the reserve, then up the slope onto the ridge and on up to top. Pat Enright 6/9/03 (3hrs) Southern boundary from Muaupoko Stream to xx. Pat Enright, Olaf John 13/9/03 kanuka area west of the road end Nikau Lakes and flat area above true right of Muaupoko Stream at start of 4wd track; Pat Enright, Olaf John 26/9/03 (3hrs) Muaupoko Stream along northern boundary for about 400m. Up two of the ridges; Pat Enright, Olaf John 2/10/03 (3hrs) Along northern boundary to where covenant boundary swings up the hill. Up a couple of the ridges. Pat Enright, Olaf John 11/10/93 (4hrs) Through F & B Reserve and along the boundary fence ridge, then up the valley an along bottom of the vegetation on the next hillside. Pat Enright, Olaf John 16/10/03 (4hrs) Up the ridge on northern boundary to a point at E2682355 N6031115. From clearing down to boundary fence at boggy stream (E26882380 N6031243) then to mida site. Pat Enright, Olaf John 18/10/03 (5hrs) Up the northern boundary to xxx then down the ridge line to the other side of the reserve. Trichomanes elongatum site and the boggy forest near the gate. Pat Enright, Olaf John 29/11/03 Along edge of the bush on the 4WD track and then up the fenceline that runs up the ridge line on the true left of the valley. Pat Enright, Olaf John 2/10/04 (1hr) ridge behind F&B Reserve. Grid Ref. Topomap R26 & Pt R27 72-14/15

**Falconer, G. & McAlpine, M.** (2007) Plant Checklist for Whareroa Farm – Sheep and Beef Unit, Paekākāriki, Kāpiti District. Centred on NZMS 260 Sheet R26 Paraparaumu.

**86 Forbes, Y.** (2013) InaturalistNZ Observation (yforbes), *Euphrasia drucei*, near Maungamuka hut, Tararua range. <https://inaturalist.nz/observations/2733914> First observation posted December 2013. Found online in January 2024.

**104 Forbes, Y.** (2013) InaturalistNZ Observation (yforbes), *Bulbinella gibbsii* var. *balanifera*, near Maungamuka hut, Tararua range. <https://www.inaturalist.org/observations/19528491> First observation posted December 2013. Found online in January 2024.

**112 Littlejohn, J.** (2022) InaturalistNZ Observation, *Gentianella bellidifolia*, Tararua tops. <https://inaturalist.nz/observations/132988945> First observation posted 16<sup>th</sup> January 2022. Found online in February 2024.

**105 McKay, A.** (2018) InaturalistNZ Observation, *Polytrichum juniperinum*, Maungakotukutuku Valley. <https://www.inaturalist.org/observations/17239338> Observed December 2018. Found online in January 2024.

**131 McKay, A.** (2018) InaturalistNZ Observation, *Racomitrium lanuginosum*, Maungakotukutuku Valley. <https://inaturalist.nz/observations/17239801> Observed 6<sup>th</sup> October 2018. Found online in February 2024.

**Mitcalfe, B.J. & Horne, J.C.** (1997) Some Indigenous Vascular Plants of Upper Parts Two Remnants on the Raumati Escarpment, Centred on NZMS 260 R26 and Pt R25 Map Paraparaumu, G.R.s 783285 and 782281; List compiled 27th April, 1997.

**Mitcalfe, B.J. & Horne, J.C.** (1999) A Selection of the Indigenous Vascular Plants in Nikau Scenic Reserve, NZMS 260 map R26 Paraparaumu, G.R. 804313, Hemi Matenga Memorial Park Scenic Reserve, G.R. 857350, Paraparaumu Scenic Reserve, G.R. 817315, and Raroa Scenic Reserve, G.R. 680173, for Tararua Tramping Club Botany trip, 27<sup>th</sup> November 1999, list compiled by B. J. Mitcalfe and J.C. Horne, from lists by C. Ogle, M. Wassilieff, D. J. Clark and I. Gabites.

**National Vegetation Survey** (1958) *Phyllachne colensoi* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155306 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1958/1975) *Ourisia macrocarpa* New Zealand Plant Conservation Network Plant distribution data. Plot observations 72403/ 59510 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1958/1995) *Hymenophyllum villosum* New Zealand Plant Conservation Network Plant distribution data. Plot observations 72590; 72391/ 72650; 72651; 72652; 72653; 72656; 72657 Accessed November 8<sup>th</sup>, 2018.

**National Vegetation Survey** (1958/1959/1975/1985/1994/1995) *Nertera dichondrifolia* New Zealand Plant Conservation Network Plant distribution data. Plot observations 72395; 72403; 72404/ 72357; 72358; 72362; 72372/ 39356; 39358; 39360; 39361; 39365; 39413; 39422; 39423/ 26421; 26478; 26479; 26482; 26483; 26510; 26514; 26545; 26546/ 72654; 72655/ 72649; 72650 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1958/1959/1963/1964/1975/1985) *Poa colensoi* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155310/1155211; 1155212; 1155216/1154183/71196; 71197;1154104; 1154108; 1154110; 1154113/59495; 59508; 59509/1151668; 1151669 Accessed November 23<sup>rd</sup>, 2018.

**National Vegetation Survey** (1959) *Euphrasia monroi* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155210; 1155211; 1155212 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1959/1964) *Plantago triandra* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155211; 1155216/ 1154104; 1154108 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1959/1964/1974/1985) *Anistome aromatica* New Zealand Plant Conservation Network Plant distribution data. Plot observations 155211; 1155212; 1155214; 1155215/11541108/1152788/1151668; 1151669; 1151675 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1959/1964/1974/1985) *Raoulia grandiflora* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155211; 1155212; 1155214/11541108/1152788/1151668; 1151675 Accessed November 26<sup>th</sup>, 2018.

**National Vegetation Survey** (1959/1964/1975/1985) *Zotovia colensoi* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1155211; 1155212;1155215; 1155216/11541104; 1154108; 1154110; 1154113/59499; 59508; 59509/1151668; 1151669 Accessed November 23<sup>rd</sup>, 2018.

**National Vegetation Survey** (1963) *Coprosma pedicellata* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1120581 Accessed November 1<sup>st</sup> 2018

**National Vegetation Survey** (1963) *Veronica venustula* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1154183 Accessed November 8<sup>th</sup> 2018

**National Vegetation Survey** (1964) *Abrotanella linearis* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1154105 Accessed November 7<sup>th</sup> 2018

**National Vegetation Survey** (1964) *Coprosma parviflora* New Zealand Plant Conservation Network Plant distribution data. Plot observation 71201 Accessed November 1<sup>st</sup> 2018

**National Vegetation Survey** (1964) *Dracophyllum recurvum* New Zealand Plant Conservation Network Plant distribution data. Plot observations 712114; 71197 Accessed November 8<sup>th</sup> 2018

**National Vegetation Survey** (1964) *Poa kirkii* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1154104; 1154108; 1154110; 1154112 Accessed November 23<sup>rd</sup> 2018

**National Vegetation Survey** (1964) *Trisetum youngii* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1154112 Accessed November 23<sup>rd</sup> 2018

**National Vegetation Survey** (1964/1975) *Drosera spatulata* New Zealand Plant Conservation Network Plant distribution data. Plot observations 1154104; 1154108; 1154112/ 59495 Accessed November 26<sup>th</sup> 2018

**National Vegetation Survey** (1974) *Anisotome haastii* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152782; 1152784; 1152788; 1152789 Accessed November 26<sup>th</sup> 2018

**National Vegetation Survey** (1974) *Celmisia dubia* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152784; 1152788 Accessed November 26<sup>th</sup> 2018

**National Vegetation Survey** (1974) *Coprosma cheesemaniae* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152784 Accessed November 1<sup>st</sup> 2018

- National Vegetation Survey** (1974) *Phyllachne clavigera* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152789 Accessed November 26<sup>th</sup> 2018
- National Vegetation Survey** (1974) *Raoulia subulata* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152788 Accessed November 26<sup>th</sup> 2018
- National Vegetation Survey** (1974/1975) *Ranunculus ternatifolius* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1152784; 1152788; 1152789/59457; 59467; 59468; 59469 Accessed November 26<sup>th</sup> 2018
- National Vegetation Survey** (1975) *Aciphylla colensoi* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59499 Accessed November 7<sup>th</sup> 2018
- National Vegetation Survey** (1975) *Aciphylla polita* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59495 Accessed November 7<sup>th</sup> 2018
- National Vegetation Survey** (1975) *Brachyglottis bidwillii* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59495 Accessed November 1<sup>st</sup> 2018
- National Vegetation Survey** (1975) *Chionochloa macra* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59508; 59501 Accessed November 23<sup>rd</sup> 2018
- National Vegetation Survey** (1975) *Coprosma microcarpa* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59391 Accessed November 1<sup>st</sup> 2018
- National Vegetation Survey** (1975) *Phyllocladus alpinus* New Zealand Plant Conservation Network Plant distribution data. Plot observation 60118 Accessed November 8<sup>th</sup>, 2018.
- National Vegetation Survey** (1975) *Phyllocladus toatoa* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59508 Accessed November 8<sup>th</sup> 2018
- National Vegetation Survey** (1975) *Pimelea longifolia* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59499 Accessed November 8<sup>th</sup> 2018
- National Vegetation Survey** (1975) *Veronica evenosa* New Zealand Plant Conservation Network Plant distribution data. Plot observation 59510 Accessed November 8<sup>th</sup> 2018
- National Vegetation Survey** (1985) *Aciphylla dissecta* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1151667 Accessed November 7<sup>th</sup> 2018
- National Vegetation Survey** (1985) *Euphrasia revoluta* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1151667; 1151668 Accessed November 26<sup>th</sup> 2018
- National Vegetation Survey** (1985) *Forstera tenella* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1151667; 1151668; 1151673; 1151675 Accessed November 26<sup>th</sup> 2018
- National Vegetation Survey** (1985) *Hierochloe recurvata* New Zealand Plant Conservation Network Plant distribution data. Plot observation 1151667; 1151668; 1151673 Accessed November 23<sup>rd</sup> 2018
- Ogle, C.** (1972) Plant Checklist for Mangaone Track, Akatarawa Range. Based on a visit on December 2<sup>nd</sup> 1972.
- Ogle, C.** (1980) Plant Checklist for Maungakotukutuku Valley, Maunganui (2322 ft.) and Titi. Combined unpublished lists of C.C. Ogle, visited 3/2/73, 29-31/12/73, 2/12/75, 16/3/76, 31/3/76, 2/6/76, 7/8/76, 7/11/76, A. P. Druce and Wellington Botanical Society.
- Ogle, C.** (1980) Mt Wainui and Surrounds including Wainui Stream Gorge – isolated bush remnants (N160 517-583, 512-586) and two ponds (512.587) and swampy areas on terraces of Wainui Stream, "Wainui" farm. Visits 15-16th March 1980 and Botsoc visit 1-2 November 1980, additions made by P Enright & O John (stream gorge and surrounds) 14<sup>th</sup> June 1997, 22<sup>nd</sup> June 1997.

- 128 Perrie, L.** (2014) InaturalistNZ Observation, *Symphyogyna hymenophyllum* seen on the Fenceline Track. Otaki. <https://inaturalist.nz/observations/1037251> Observed 25<sup>th</sup> October 2014. Found online in February 2024.
- 75 Perrie, L.** (2016) InaturalistNZ Observation, *Microtis oligantha*. <https://inaturalist.nz/observations/2591230> Observed 17<sup>th</sup> January 2016. Found online in January 2024.
- 80 Perrie, L.** (2018) InaturalistNZ Observation, *Raoulia rubra*, first recorded on InaturalistNZ. <https://inaturalist.nz/observations/9984107> Observed February 2018. Found online in January 2024.
- 95 Perrie, L.** (2018) InaturalistNZ Observation, *Chionochloa pallens* ssp. *pallens* seen in the Tararua tops. <https://inaturalist.nz/observations/10200626> Observed 11<sup>th</sup> March 2018. Found online in January 2024.
- 67 Perrie L.** (2018) InaturalistNZ Observation, *Dracophyllum longifolium* var. *Septentrionale*. <https://inaturalist.nz/observations/17237160> Observed 6<sup>th</sup> October 2018. Found online in January 2024.
- 89 Perrie, L.** (2019) InaturalistNZ Observation, *Ranunculus insignis* seen in the tops whilst traversing the Southern Crossing. <https://inaturalist.nz/observations/19526931> Observed 8<sup>th</sup> January 2019. Found online in January 2024.
- 87 Perrie, L.** (2019) InaturalistNZ Observation, *Montia calycina* seen in the tops whilst traversing the Southern Crossing. <https://inaturalist.nz/observations/19526906> Observed 8<sup>th</sup> January 2019. Found online in January 2024.
- 100 Perrie, L.** (2019) InaturalistNZ Observation, *Celmisia hieraciifolia* var. *hieraciifolia* seen in the tops, whilst traversing the Southern Crossing. <https://inaturalist.nz/observations/19526983> Observed 8<sup>th</sup> January 2019. Found online in January 2024.
- 102 Perrie, L.** (2019) InaturalistNZ Observation, *Notogrammitis crassior* seen in the tops, whilst traversing the Southern Crossing. <https://www.inaturalist.org/observations/19526901> Observed 8<sup>th</sup> January 2019. Found online in January 2024.
- 143 Perrie, L.** (2020) InaturalistNZ Observation, *Sphagnum cristatum* seen in the Akatarawa's. <https://inaturalist.nz/observations/40346224> Observed 21<sup>st</sup> March 2020. Found online in March 2024.
- 97 Perrie, L.** (2022) InaturalistNZ Observation, *Chiloscyphus muricatus* seen in the foothills in Te Horo. <https://inaturalist.nz/observations/137115255> Observed 1<sup>st</sup> October 2022. Found online in January 2024.
- 121 Perrie, L.** (2022) InaturalistNZ Observation, *Cryptopodium bartramoides* seen in the Kapakapanui area. <https://inaturalist.nz/observations/105491032> Observed 24<sup>h</sup> January 2022. Found online in February 2024.
- 122 Perrie, L.** (2023) InaturalistNZ Observation, *Cyathophorum bulbosum* seen in the Devil's elbow area, Reikorangi. <https://inaturalist.nz/observations/166535178> Observed 10<sup>th</sup> June 2023. Found online in February 2024.
- 73 Rowell, E.** (2016) InaturalistNZ Observation, *Danhatchia australis*, whilst doing survey work for DOC, in Hemi Matenga. <https://inaturalist.nz/observations/2640357> Observed February 2016, confirmed January 2021.
- 96 Shepard, L.** (2018) InaturalistNZ Observation (naturewatchwidow), *Veronica tetragona* ssp. *subsimilis* Tararua tops. <https://inaturalist.nz/observations/10181393> Observed 11<sup>th</sup> March 2018. Found online in January 2024.
- 101 Shepard, L.** (2018) InaturalistNZ Observation (naturewatchwidow), *Aciphylla intermedia* Tararua tops. <https://inaturalist.nz/observations/10181330> Observed 11<sup>th</sup> March 2018. Found online in January 2024.

- 109 Shepard, L.** (2018) InaturalistNZ Observation (naturewatchwidow), *Leucogenes leontopodium* Tararua tops. <https://inaturalist.nz/observations/10181379> Observed 11<sup>th</sup> March 2018. Found online in February 2024.
- 91 Shepard, L.** (2018) InaturalistNZ Observation (naturewatchwidow), *Schistochila appendiculata* Maungakotukutuku Valley. <https://inaturalist.nz/observations/17237768> Observed 6<sup>th</sup> October 2018. Found online in January 2024.
- 107 Shepard, L.** (2021) InaturalistNZ Observation (naturewatchwidow), *Campylopus clavatus* Tararua tops. <https://inaturalist.nz/observations/102145035> Observed 26<sup>th</sup> November 2021. Found online in February 2024.
- 108 Stephens, C.** (2024) InaturalistNZ Observation, *Phlegmariurus billardierei* seen in the foothills of the Maungakotukutuku Valley. <https://inaturalist.nz/observations/67301006> Observed 28<sup>th</sup> December 2022. Found online February 2024.
- 90 Vandenhoeven, J.** (2015) InaturalistNZ Observation, *Veronica odora*, near the Tabletop, Tararua's. <https://inaturalist.nz/observations/1251084> Observed 21<sup>st</sup> February 2015. Found online in January 2024.
- 92 Vandenhoeven, J.** (2015) InaturalistNZ Observation, *Dracophyllum rosmarinifolium*, near the Tabletop, Tararua's. <https://inaturalist.nz/observations/1251070> Observed 21<sup>st</sup> February 2015. Found online in January 2024.
- 119 Vandenhoeven, J.** (2015) InaturalistNZ Observation, *Campylopus introflexus*, near the Tabletop, Tararua's. <https://inaturalist.nz/observations/1251077> Observed 21<sup>st</sup> February 2015. Found online in February 2024.
- Van der Peet, D.L.** (1984) Plant Checklist for Scrub and Low vegetation below tree-line, Mount Kapakapanui, Southern Tararua Range. Submitted in partial requirement for the Degree in Bachelor of Science with honours in Botany at V.U.W. August.
- 1 Ward, M.D.** (2010) Personal Observation, *Hebe stricta* var. *stricta* seen on the bank of the Ōtaki River below the Bridgeview Track river access, on Ōtaki Gorge Road. Observed 13<sup>th</sup> January 2010.
- 2 Ward, M.D.** (2010) Personal Observation, *Carmichaelia odorata* seen on the bank of the Ōtaki River below the Bridgeview Track river access, on Ōtaki Gorge Road. Observed 13<sup>th</sup> January 2010.
- 3 Ward, M.D.** (2010) Personal Observation, *Orthoceras novae-zeelandiae* seen on a clay bank of the Hautere water supply reserve, reserve was accessed from 530 Ōtaki Gorge Road. Observed 13<sup>th</sup> January 2010.
- 4 Ward, M.D.** (2010) Personal Observation, *Olearia cheesemanii* seen on the bank of the Ōtaki River on a rocky outcrop at the intersection of a tributary and the main river below the un-sealed section of Ōtaki Gorge Road. Observed 8<sup>th</sup> February 2010.
- 6 Ward, M.D.** (2010) Personal Observation, *Corunastylis nuda*, observed a couple of specimens growing in a wet peaty area above the Ōtaki River. Observed 12<sup>th</sup> May 2010.
- 136 Ward, M.D.** (2010) Personal Observation *Carex dipsacea*, in the Otaki forks area in several spots in wetlands. Observed 12<sup>th</sup> May 2010.
- 8 Ward, M.D.** (2010) Personal Observation, *Acianthus sinclairii* seen in several locations in leaf litter on the second west facing slope of what is known as the Muaupoko Bush East of SH1 when travelling eastward, Paraparaumu. Observed 27<sup>th</sup> May 2010.
- 9 Ward, M.D.** (2010) Personal Observation, *Pterostylis alobula* seen in several locations in leaf litter on the second west facing slope of what is known as the Muaupoko Bush East of SH1 when travelling eastward, Paraparaumu. The specimens in one situation were growing side by side on a mossy patch that had grown on a low-lying horizontal growth of mature *Olearia paniculata* trunk which had a diameter of approximately 500mm. Observed 27<sup>th</sup> May 2010.

- 10 Ward, M.D.** (2010) Personal Observation, *Pterostylis trullifolia* seen in several locations in leaf litter on the second west facing slope of what is known as the Muaupoko Bush East of SH1 when travelling eastward, Paraparaumu. The specimens in one situation were growing side by side on a mossy patch that had grown on a low-lying horizontal growth of mature *Olearia paniculata* trunk which had a diameter of approximately 500mm. Observed 27<sup>th</sup> May 2010.
- 14 Ward, M.D.** (2010) Personal Observation, *Carex testacea* found growing beside a D.O.C. trapping line on the Northwest facing easternmost section of the Paraparaumu Scenic Reserve. The specimens were growing below *Dysoxylum spectabile* in a semi clearing which would have been created by a tree fall. Observed 27<sup>th</sup> July 2010.
- 84 Ward, M.D.** (2010) Personal Observation, *Dawsonia superba*, seen in several places including the Mangone south track and The Fence-line Track. First observed July 12<sup>th</sup>, 2010.
- 13 Ward, M.D.** (2010) Personal Observation, "*Corybas longipetalus*" (*Ined.*), located along the wet banks of the Otaki gorge road. Observed 14<sup>th</sup> July 2010.
- 15 Ward, M.D.** (2010) Personal Observation, *Corybas oblongus* a small colony initially found on the upper section of the Fence-line track. Observed 25<sup>th</sup> August 2010.
- 16 Ward, M.D.** (2010) Personal Observation, *Corybas iridescens* trackside in the Ōtaki Forks vicinity. Observed 30<sup>th</sup> August 2010.
- 17 Ward, M.D.** (2010) Personal Observation, *Drymoanthus flavus* specimens found on wind fallen *Beilschmiedia tawa* section on the Southern lookout route of the Nikau Reserve. Observed 13<sup>th</sup> October 2010.
- 19 Ward, M.D.** (2010) Personal Observation, *Pterostylis graminea*, growing trackside in the Ōtaki Forks area. Observed 18<sup>th</sup> October 2010.
- 20 Ward, M.D.** (2010) Personal Observation, *Brachyglottis kirkii* var. *kirkii* growing as an epiphyte on *Beilschmiedia tawa* in the Maungakotukutuku Scenic Reserve, Paraparaumu. Observed 26<sup>th</sup> October 2010.
- 22 Ward, M.D.** (2010) Personal Observation, *Caladenia variegata* growing as a loan specimen on the clay bank beside the entrance track of the Hautere Water Tank Reserve, Ōtaki. Observed 22<sup>nd</sup> November 2010.
- 23 Ward, M.D.** (2010) Personal Observation, *Caladenia chlorostyla* in flower, growing on the forest floor in mature mixed podocarp forests alongside the access tracks in both the Kaitawa Scenic Reserve, Reikorangi, and Maungakotukutuku Scenic Reserve, Paraparaumu. Observed 3<sup>rd</sup> & 9<sup>th</sup> December 2010 respectively.
- 25 Ward, M.D.** (2010) Personal Observation, *Nertera scapanoides* growing on the forest floor on rotting stump about half way up the southern side of the tramping track, noted whilst tramping in the weekend. Observed .....2010.
- 26 Ward, M.D.** (2010) Personal Observation, *Pterostylis cardiostigma*, trackside in the Ōtaki Forks area. Observed 15<sup>th</sup> December 2010.
- 85 Ward, M.D.** (2011) Personal Observation, *Veronica lanceolata*, seen in several places including the Otaki Forks, and Waitawaewae Track. First observed 6<sup>th</sup> April 2011.
- 69 Ward, M.D.** (2011) Personal Observation, *Gunnera monoica*, growing in the vicinity of the Otaki forks, originally spotted July 2011, confirmed January 2019.
- 30 Ward, M.D.** (2011) Personal Observation, *Olearia virgata*, only a single specimen noted at this first inspection growing in the under-storey in a soggy part of the walking track Te Araroa between The fenceline track and Mangoane Walkway. Observed 19<sup>th</sup> July 2011.
- 31 Ward, M.D.** (2011) Personal Observation, *Coprosma dumosa*, abundantly growing along side the track which ascends to the Field Hut and Syme Hut, when travelling from the Boielles Flat terminus in the Ōtaki Forks. Observed 20<sup>th</sup> July 2011.
- 32 Ward, M.D.** (2011) Personal Observation, *Blechnum parrisiae*, noted in several places in similar growing conditions which are generally below kānuka/mānuka on North facing slopes, the first observation was on the lower levels of the Paraparaumu Scenic Reserve boundary with private property on the easternmost reaches. Observed 10<sup>th</sup> August 2011.



- 33 Ward, M.D.** (2011) Personal Observation, *Pittosporum cornifolium* growing high in the canopy of a *Dacrydium cupressium* beside one of the track which head east in the Maungakotukutuku Scenic Reserve. Observed 30<sup>th</sup> August 2011.
- 111 Ward, M.D.** (2011) Personal Observation *Azorella nitens*, Waitewaewae track, Otaki Forks. Observed 26<sup>th</sup> September 2011.
- 137 Ward, M.D.** (2011) Personal Observation *Marchantia berteroana*, in the goblin beech forest of Mount Kapakapanui. Observed 5<sup>th</sup> October 2011.
- 36 Ward, M.D.** (2011) Personal Observation, *Coprosma rugosa*, during a 80 minute visit to the Ōtaki Forks area travelling over to the Waitewaewae Track Suspension bridge an area west of the bridge at river level contained a *Coprosma rugosa* I wasn't sure of its species until going for a walk with Olaf John and Chris Moore, which after using a hand lense and reference book concluded this specimens authenticity. Confirmed finding from earlier observation on 7<sup>th</sup> November 2011.
- 37 Ward, M.D.** (2011) Personal Observation, *Brachyglottis elaeagnifolia*, growing beside the track on the upper reaches of the Fenceline Track, Ōtaki Forks. Observed 30<sup>th</sup> November 2011.
- 38 Ward, M.D.** (2011) Personal Observation, *Pterostylis areolata*, found a colony growing on the top of Mount Kapakapanui. Observed 20<sup>th</sup> December 2011.
- 39 Ward, M.D.** (2011) Personal Observation, *Pterostylis venosa*, several colonies growing on the top. *Aporostylis bifolia*, seen in abundance in the high open areas. Observed 20<sup>th</sup> December 2011.
- 41 Ward, M.D.** (2012) Personal Observation, *Aristotelia fruticosa*, spotted growing on the side of the track near the top of Mount Maunganui. Observed 12<sup>th</sup> January 2012.
- 42 Ward, M.D.** (2012) Personal Observation, *Prasophyllum colensoi* several specimens seen in fruit beside a mānuka/shpagnum dominated wetland on the immediate western wetland from the opening out of the track on the Waitewaewae trail. Observed 18<sup>th</sup> January 2012.
- 43 Ward, M.D.** (2012) Personal Observation, *Spiranthes novae-zelandiae* numerous specimens forming a large colony of about 100 plants, this is only the third group of plants known in the Greater Wellington area. This species is regarded as Nationally Vulnerable and therefore makes this find a special one. Observed 5<sup>th</sup> March 2012.
- 45 Ward, M.D.** (2012) Personal Observation, *Corybas cheesemanii*, a small colony of white specimens growing near a trapping line under *Kunzea robusta*. Observed 20<sup>th</sup> August 2012.
- 81 Ward, M.D.** (2013) Personal Observation, *Gentianella montana* ssp. *ionostigma*, seen in flower South of Waiopahu Hut, Tararua's. Observed 12<sup>th</sup> January 2013.
- 48 Ward, M.D.** (2013) Personal Observation, *Asplenium hookerianum* var. *colesoi*, a couple of specimens growing below a bush covered rock face on the Raumati escarpment. Observed March 5th 2013. Also spotted in the Devil's Elbow remnant with sporangia present, on 28<sup>th</sup> January 2015.
- 50 Ward, M.D.** (2014) Personal Observation, *Gastrodia molloyi*, numerous small colonies of this newly named species, found growing in association with rotten *Beilschmiedia tawa* stumps. Observed 22<sup>nd</sup> January 2014.
- 51 Ward, M.D.** (2014) Personal Observation, *Hoheria sextylosa*, a fantastic specimen noted growing beside the Maungakotukutuku stream. Specimen is approximately 15metres high. Observed 1<sup>st</sup> April 2014.
- 52 Ward, M.D.** (2014) Personal Observation, *Hebe parviflora*, growing beside a small watercourse on the proposed dam site in Nikau Valley. Observed 16<sup>th</sup> July 2014.
- 53 Ward, M.D.** (2015) Personal Observation, *Thelymitra cyanea*, a white form found growing on the top of Mount Kapakapanui. Observed 13<sup>th</sup> January 2015.
- 54 Ward, M.D.** (2015) Personal Observation, *Pterostylis patens*, found growing on the top of Mount Kapakapanui. Observed 13<sup>th</sup> January 2015.

- 126 Ward, M.D.** (2016) Personal Observation *Symphyogyna subsimplex*, about halfway up Mount Maunganui, Maungakotukutuku Valley. Observed 6<sup>th</sup> January 2016.
- 56 Ward, M.D.** (2016) Personal Observation, *Centipeda aotearoana* growing in the wetland at Raumati South in QE Park. Pat Enright put me onto these few specimens. Observed 15<sup>th</sup> February 2016.
- 57 Ward, M.D.** (2016) Personal Observation, *Corybas walliae*, growing roadside in the Otaki forks vicinity. Observed originally 1<sup>st</sup> August 2012, described 12<sup>th</sup> August 2016.
- 58 Ward, M.D.** (2016) Personal Observation, *Corybas aff. rivularis* "Kaitarakihi" growing trackside on the Mangaone track. Observed 22<sup>nd</sup> September 2016.
- 59 Ward, M.D.** (2016) Personal Observation, *Corybas dienemus* growing trackside on private property in the Otaki forks vicinity. Observed 29<sup>th</sup> October 2016.
- 61 Ward, M.D.** (2017) Personal Observation, *Pterostylis irsoniana* growing roadside in Akatarawa Saddle vicinity. Observed 29<sup>th</sup> January 4<sup>th</sup> 2017.
- 74 Ward, M.D.** (2017) Personal Observation(s), *Thelymitra hatchii*, when finding this species up by the Akatarawa saddle, I realised this was not the first time I had seen this species in the district, yet somehow it had not been listed. Observed 13<sup>th</sup> January 2017 – January 2024.
- 99 Ward, M.D.** (2017) Personal Observation, *Ourisia macrophylla* ssp. *macrophylla*, trackside enroute to Tabletop. First observed 13<sup>th</sup> January 2017.
- 63 Ward, M.D.** (2017) Personal Observation, *Corybas vitreus* growing roadside in Otaki forks vicinity. Observed 1<sup>st</sup> August 2017.
- 64 Ward, M.D.** (2017) Personal Observation, *Veronica angustissima* growing in the margin just above heavy flooding along the upper reaches of the Ōtaki River confirmed with Pat Enright present. Observed 18<sup>th</sup> October 2017.
- 68 Ward, M.D.** (2018) Personal Observation, *Corybas macranthus* growing trackside in Otaki forks vicinity. Observed 10<sup>th</sup> November 2018.
- 76 Ward, M.D.** (2018) Personal Observation, *Thelymitra colensoi*, seen trackside enroute to Mt Maunganui, in Maungakotukutuku Valley. Observed 6<sup>th</sup> December 2018.
- 88 Ward, M.D.** (2021) Personal Observation, *Chaerophyllum colensoi* var. *colensoi*, seen on the roadside near the Akatarawa Saddle. First observed 15<sup>th</sup> December 2021.
- Wassilieff, M.C.** (Unknown) Plant Checklist for Raumati Escarpment reserve. Species recorded on the escarpment. Preliminary Draft Management Plan.
- Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Hemi Matenga Memorial Park Scenic Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N157 625 747 - 614 706. List compiled in November-December 1983.
- Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Kaitawa Scenic Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. D. J. Gridref. N157 651 752 - 655 706. List compiled in October 1983, February 1984.
- Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Nikau Scenic reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref. N157 561 681. List compiled in November 1983.
- Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Old Game Farm Scenic Reserve (Maungakotukutuku). Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. List compiled July 1984.
- Wassilieff, M.C. & Clark, D.J.** (1986) Plant Checklist for Paraparaumu Scenic Reserve. Scenic Reserves of the Lower North Island. Biological Survey of Reserves No. 14. Gridref.: N157 057 50685. List compiled October 1983.
- Wellington Botanical Society** (1999) Plant checklist for some indigenous vascular plants in the vicinity of track from Maungakotukutuku Valley track to Mt Maunganui summit, centred on NZMS 260 R26, map Paraparaumu, G.R. 816247. List compiled 4<sup>th</sup> September 1999.

**White, P.** (1999) Plant Checklist for Field Reserve, Paraparaumu. Appendix 1 to the Field Reserve Management Plan, Forest & Bird. List compiled in June 1999.

**Zotov, V. D.** (1930) Plant Checklist for Tararua Forest (including site lists for Waiopahu Track, Palmer's camp, Waiopahu, Off Waiopahu, Twin Peak, Gable End, Ohau River)- Diary notes of field excursion.

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#### **WELLINGTON ECOLOGICAL DISTRICT**

**Enright, P. & John, O.** (1998) QEII Covenant – Collyns Forest Park, Paekākāriki Hill Road. Gridref. Topomap R26 & Pt R27 725-155. List compiled 26<sup>th</sup> October, 1998.

**Enright, P.; Ogle, C.; John, O.** (1980-1997) Mt Wainui and surrounds including Wainui Stream Gorge. N160 517-583, 512-586 Observations mad Colin ogle 15-16/3/80 and Botsoc 1-2/11/80 Pat Enright and Olaf john 14/6/97 & 22/6/97

**Gabites, I.** (1998) Plant Checklist for Paekākāriki Hill Road. Generalised site descriptions – Mana Island revegetation using mainland sites as points of reference . Gridref. NZMS 260 R26 735 213. List compiled in 1994.

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**124 McKay, A.** (2017) InaturalistNZ Observation, *Weymouthia mollis*, Mount Wainui. <https://inaturalist.nz/observations/6488321> Observed 4<sup>th</sup> June 2017. Found online in February 2024.

**110 Perrie, L.** (2015) InaturalistNZ Observation, *Geranium solanderi*, seen in area above the Paekakariki end of the track to Pukerua Bay. <https://inaturalist.nz/observations/1597834> Observed 6<sup>th</sup> June 2015. Found online in February 2024.

**120 Perrie, L.** (2019) InaturalistNZ Observation, *Campylopus introflexus*, seen in the hills East of Paekakariki. <https://inaturalist.nz/observations/1597834> Observed 30<sup>th</sup> March 2019. Found online in February 2024.

**116 Shepard, L.** (2022) InaturalistNZ Observation (naturewatchwidow), *Achrophyllum quadrifarium*. <https://inaturalist.nz/observations/138805524> Observed 15<sup>th</sup> October 2022. Found online in February 2024.

**47 Ward, M.D.** (2012) Personal Observation, *Prasophyllum colensoi*, numerous specimens growing on the farm cutting on the track up to Mount Wainui when coming up from the Whareroa farm direction. Observed 12<sup>th</sup> December 2012.

**49 Ward, M.D.** (2013) Personal Observation, *Arthropodium cirratum* growing on steep rocky banks not far from the coast in Paekākāriki. Likely a remnant from Māori settlement which has then allowed the naturalisation of the species. Observed 16<sup>th</sup> December 2013.