

Appendix IV

On biblio ✓

Orchids
and base

LIST OF NATIVE VASCULAR PLANTS FOR MANAWATU PLAINS ECOLOGICAL DISTRICT, PLUS SIGNIFICANT ADVENTIVE SPECIES IN NATURAL AREAS.

Last revised 21.4.94

524 15 832

* = adventive species

Abundance Ratings

u = uncommon (or actual no. of specimens stated)

l = local (species in small area, but can be common or abundant there)

Gymnosperm Trees

* Cupressus macrocarpa	macrocarpa
Dacrycarpus dacrydioides	kahikatea
Dacrydium cupressinum	rimu
* Pinus radiata	
Podocarpus totara	totara
Prumnopitys ferruginea	miro
Prumnopitys taxifolia	matai

Monocot Trees and Shrubs

Cordyline australis	cabbage tree, ti kouaka
Cordyline banksii	
Rhopalostylis sapida	nikau

Dicot Trees and Shrubs

Alectryon excelsus	titoki
Aristotelia serrata	makomako, wineberry
Beilschmiedia tawa	tawa
* Berberis glaucocarpa	barberry
Brachyglottis repanda	rangiora
Carmichaelia arborea var.	NZ broom
Carpodetus serratus	putaputaweta
Coprosma areolata	
Coprosma crassifolia	
Coprosma grandifolia	raurekau
Coprosma lucida	shining karamu
Coprosma propinqua	
Coprosma repens	taupata
Coprosma rhamnoides	

<i>Coprosma rigida</i>	
<i>Coprosma robusta</i>	karamu
<i>Coprosma rotundifolia</i>	round-leaved coprosma
<i>Coprosma tenuicaulis</i>	
<i>Coprosma propinqua</i> x <i>C.</i>	robusta
<i>Coriaria arborea</i>	tutu
<i>Corynocarpus laevigatus</i>	karaka
* <i>Crataegus monogyna</i>	hawthorn
* <i>Cytisus scoparius</i>	broom
<i>Elaeocarpus dentatus</i>	hinau
<i>Elaeocarpus hookerianus</i>	pokaka
<i>Gaultheria antipoda</i>	snowberry
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	hangechange
<i>Griselinia lucida</i>	puka
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
<i>Hedycarya arborea</i>	pigeonwood
<i>Helichrysum aggregatum</i>	
<i>Hoheria angustifolia</i>	narrow-leaved lacebark
<i>Hoheria populnea</i> var. (= <i>H. sexstylosa</i>)	lacebark
* <i>Humulus lupulus</i>	hops
* <i>Hydrangea macrophylla</i>	hydrangea
* <i>Hypericum androsaemum</i>	tutsan
<i>Ileostylis micranthus</i>	mistletoe
* <i>Ilex aquifolium</i>	holly
* <i>Justicia</i> (= <i>Jacobinia</i>)	carnea
<i>Korthalsella lindsayi</i>	mistletoe
<i>Knightia excelsa</i>	rewarewa
<i>Kunzea ericoides</i>	kanuka
<i>Laurelia novae-zelandiae</i>	pukatea
<i>Leptospermum scoparium</i>	manuka
<i>Leucopogon fasciculatus</i>	mingimingi
* <i>Leycesteria formosa</i>	Himalayan honeysuckle
<i>Lophomyrtus bullata</i>	ramarama
<i>Lophomyrtus obcordata</i>	rohutu
<i>Lophomyrtus bullata</i> x <i>L. obcordata</i>	
<i>Macropiper excelsum</i>	kawakawa
<i>Melicope simplex</i>	poataniwha
<i>Melicytus micranthus</i>	
<i>Melicytus ramiflorus</i>	mahoe
<i>Melicytus micranthus</i> x <i>M. ramiflorus</i>	
<i>Metrosideros robusta</i>	northern rata
<i>Myoporum laetum</i>	ngaio
<i>Myrsine australis</i>	mapou

Mysine salicina	toro
Nestegis cunninghamii	black maire
Nestegis lanceolata	white maire
Nothofagus solandri var. solandri	black beech
Olearia rani	heketara
Olearia solandri	
Olearia townsonii	
Pennantia corymbosa	kaikomako
Pittosporum cornifolium	
Pittosporum eugenioides	tarata, lemonwood
Pittosporum tenuifolium var. tenuifolium	kohuhu
Plagianthus regius var. regius	ribbonwood
Pseudopanax anomalus	
Pseudopanax arboreus	five finger
Pseudopanax crassifolius	lancewood
* Pyrus communis	pear
Rhabdothamnus solandri	turepo
* Salix cinerea	grey willow
* Salix fragilis	crack willow
* Sambucus nigra	elderberry
Schefflera digitata	pate
Solanum aviculare	poroporo
Solanum laciniatum	poroporo
* Solanum mauritianum	woolly nightshade
* Solanum pseudocapsicum	Jerusalem cherry
Sophora microphylla	kowhai
Streblus heterophyllus	small-leaved milk tree
Syzygium maire	swamp maire, maire tawake
* Sambucus nigra	elderberry
Teucrium parvifolium	
* Ulex europaeus	gorse
Urtica ferox	shrub nettle
Weinmannia racemosa ssp. racemosa	kamahi

Dicot Ilanes

Calystegia sepium agg.	convolvulus
Calystegia tuguriorum	
Clematis foetida	
Clematis forsteri	
Clematis paniculata	
* Clematis vitalba	old man's beard
* Cobaea scandens	cathedral bells
Fuchsia perscandens	climbing fuchsia

* Hedera helix	ivy
* Lonicera japonica	Japanese honeysuckle
Metrosideros colensoi aka,	white rata vine
Metrosideros diffusa aka,	white rata vine
Metrosideros fulgens	scarlet rata vine
Metrosideros perforata aka,	white rata vine.
Muehlenbeckia australis	pohuehue
Muehlenbeckia complexa	small-leaved pohuehue
Parsonsia capsularis	NZ jasmine
Parsonsia heterophylla	NZ jasmine
* Passiflora mollissima	banana passionfruit
Passiflora tetrandra	NZ passionflower
Rubus australis	bush lawyer
Rubus cissoides var. cissoides	bush lawyer
* Rubus fruticosus agg.	blackberry
* Rubus laciniatus	cut-leaved blackberry
Rubus schmidelioides var. schmidelioides	bush lawyer
Rubus squarrosus	leafless lawyer
Rubus australis x R. schmidelioides	
Rubus cissoides x R. australis	
Rubus schmidelioides X R. squarrosus	
* Solanum dulcamara	bittersweet
* Solanum jasminoides	potato vine
* Wisteria sinensis	wisteria

Monocot Lianes

* Bomarea multiflora	
Freycinetia baueriana subsp. banksii	kiekie
Ripogonum scandens	supplejack

Dicot Herbs

Acaena anserinifolia	piripiri, bidibidi
* Aegopodium podagraria	goutweed
* Anagallis arvensis	scarlet pimpernel
Anaphalis keriensis	
Anaphalis subrigida	
* Apium nodiflorum	water celery
* Arctium minus	burdock
* Bidens frondosa	beggar's ticks
Callitriche muelleri	forest starwort
* Callitriche stagnalis	starwort
* Cardamine pratensis	cuckoo cress
Cardamine sp. [unnamed; C. debilis agg.	
" Long Style" of Pritchard 1957]	bittercress

Cardamine sp. [unnamed; <i>C. debilis</i> agg. "Narrow Petal" of Pritchard 1957]	bittercress
* <i>Carduus tenuiflorus</i>	slender winged thistle
* <i>Cerastium glomeratum</i>	mouse-eared chickweed
* <i>Ceratophyllum demersum</i>	hornwort
* <i>Cirsium arvense</i>	Californian thistle
* <i>Cirsium vulgare</i>	Scotch thistle
* <i>Conium maculatum</i>	hemlock
* <i>Conyza albida</i>	fleabane
* <i>Coronopus didymus</i>	twin cress
<i>Cotula coronopifolia</i>	batchelor's button
<i>Craspedia minor</i>	woollyhead
<i>Dichondra</i> sp. [<i>D. brevifolia</i> agg.]	
<i>Drosera binata</i>	forked sundew
* <i>Duchesnea indica</i>	Indian strawberry
<i>Elatostema rugosum</i>	parataniwha
<i>Epilobium chionanthum</i>	willow-herb
* <i>Epilobium ciliatum</i>	willow-herb
<i>Epilobium insulare</i>	willow-herb
<i>Epilobium nummulariifolium</i>	willow-herb
<i>Epilobium pallidiflorum</i>	willow-herb
<i>Epilobium pedunculare</i>	willow-herb
<i>Epilobium rotundifolium</i>	willow-herb
* <i>Eupatorium cannabinum</i>	hemp agrimony
* <i>Galega officinalis</i>	goat's rue
* <i>Galium aparine</i>	cleavers
* <i>Galium palustre</i>	marsh bedstraw
<i>Galium propinquum</i>	bedstraw
<i>Galium trilobum</i>	
<i>Geranium microphyllum</i>	
<i>Gnaphalium audax</i>	cudweed
<i>Gnaphalium gymnocephalum</i>	cudweed
<i>Gnaphalium involucratum</i>	cudweed
<i>Gnaphalium limosum</i>	cudweed
* <i>Gnaphalium purpureum</i>	cudweed
<i>Gnaphalium sphaericum</i>	cudweed
<i>Gonocarpus micranthus</i>	
<i>Gunnera monoica</i>	
<i>Haloragis erecta</i>	
<i>Hydrocotyle elongata</i>	
<i>Hydrocotyle heteromeria</i>	waxweed
<i>Hydrocotyle moschata</i>	hairy pennywort
<i>Hydrocotyle novae-zeelandiae</i>	marsh pennywort

Hydrocotyle pterocarpa	
Hypericum japonicum	
* Hypochoeris radicata	cat's ear
* Leontodon taraxacoides	hawkbit
Lobelia anceps	
* Lotus pedunculatus	lotus major
* Lythrum hyssopifolia	hyssop loosestrife
Mazus novaezeelandiae	dwarf mazus
* Mentha pulegium	pennyroyal
* Mimulus moschatus	soft musk
* Mycelis muralis	wall lettuce
* Myosotis laxa var. caespitosa	water forget-me-not
Myriophyllum propinquum	milfoil
Nertera depressa	
Ourisia macrophylla var. robusta	mountain foxglove
Oxalis exilis	
* Parentucellia viscosa	tarweed
Parietaria debilis	
* Phytolacca octandra	inkweed
* Plantago major	broad-leaved plantain
Plantago raoulii [narrow-leaved var.]	
* Polygonum aviculare	wire-weed
* Polygonum hydropiper	water pepper
Polygonum salicifolium	willow-weed
Pratia angulata agg.	
* Prunella vulgaris	self-heal
Pseudognaphalium sp. [P. luteo-album agg.]	cudweed
* Ranunculus acris	giant buttercup
Ranunculus amphitrichus	waoriki
Ranunculus macropus	
Ranunculus reflexus	bush buttercup
* Ranunculus repens	creeping buttercup
* Ranunculus sceleratus	celery-leaved buttercup
* Rorippa microphylla	watercress
* Rorippa nasturtium-aquaticum	watercress
Rorippa palustris	
* Rumex conglomeratus	clustered dock
* R. crispus	curled dock
* Sagina procumbens	pearlwort
* Senecio bipinnatisectus	fireweed
Senecio glomeratus	fireweed
Senecio hispidulus	fireweed
* Senecio jacobaea	ragwort

Senecio minimus	fireweed
Senecio rufiglandulosus	
* Solanum chenopodioides	velvety nightshade
* Solanum nigrum	black nightshade
* Sonchus asper	prickly sowthistle
* Sonchus oleraceus puwaha,	sowthistle
* Spergularia rubra	sand spurry
* Stachys sylvatica	hedge woundwort
Stellaria alsine	bog stitchwort
Stellaria decipiens	
* Stellaria graminea	stitchwort
* Stellaria media	chickweed
* Taraxacum officinale	dandelion
* Trifolium pratense red	clover
* Trifolium repens	white clover
Urtica incisa	stinging nettle
Urtica linearifolia	swamp nettle
* Urtica urens	nettle
* Verbena bonariensis	purpletop
* Vicia sativa	vetch
Viola lyallii	
* Wahlenbergia marginata	harebell

Orchids

Bulbophyllum pygmaeum	✓	
Bulbophyllum tuberculatum	✓	
Chiloglottis cornuta	✓	
Corybas macranthus	✓	spider orchid
Corybas trilobus	✓	spider orchid
Dendrobium cunninghamii	✓	
Drymoanthus adversus	✓	
Earina autumnalis	✓	autumn orchid
Earina mucronata	✓	
Microtis unifolia	✓	onion-leaved orchid
Pterostylis alobula	✓	greenhood orchid
Pterostylis banksii	✓	greenhood orchid
Pterostylis sp. [unnamed; aff. P. montana]	✓	greenhood orchid
Spiranthes sinensis	✓	lady's tress orchid
Thelymitra longifolia	✓	sun orchid

Grasses

* Agrostis capillaris	browntop
* Agrostis stolonifera	creeping bent
* Alopecurus geniculatus	kneed foxtail

* Alopecurus pratensis	meadow foxtail
* Anthoxanthum odoratum	sweet vernal
* Bromus hordeaceus	soft brome
* Bromus sterilis	sterile brome
* Bromus willdenowii	prairie grass
* Cortaderia selloana	pampas
Cortaderia fulvida	toetoe
Cortaderia toetoe	toetoe
* Cynosurus cristatus	crested dogtail
* Dactylis glomerata	cocksfoot
Echinopogon ovatus	hedgehog grass
* Ehrharta erecta	veld grass
* Festuca arundinacea	tall fescue
* Festuca nigrescens	Chewing's fescue
* Glyceria declinata	floating sweet grass
* Holcus lanatus	Yorkshire fog
* Hordeum murinum	barley grass
Isachne globosa	swamp millet
* Lolium multiflorum	Italian ryegrass
* Lolium perenne	perennial ryegrass
Microlaena avenacea	bush rice grass
Microlaena polynoda	bamboo rice grass
Microlaena stipoides	meadow rice grass
Oplismenus imbecillus	
* Pennisetum clandestinum	kikuyu grass
* Phalaris arundinacea	reed canary grass
* Phalaris aquatica	canary grass
Poa anceps ssp. anceps	
* Poa annua	annual poa
Poa pratensis	Kentucky bluegrass
Rytidosperma gracile	danthonia
* Rytidosperma racemosum	danthonia

Sedges

Baumea rubiginosa	
Baumea tenax	
Bolboschoenus fluviatilis	Purua grass
Carex dipsacea	
Carex dissita	
* Carex divulsa	
Carex forsteri	
Carex geminata s.s.	
Carex inversa	

Carex lambertiana	
Carex lessoniana	
Carex maorica	
Carex secta s.s.	
Carex solandri	
Carex virgata	
Carex sp. [unnamed, aff. C. geminata; large sp.]	
* Cyperus congestus	
* Cyperus eragrostis	
Cyperus ustulatus	mariscus
Eleocharis acuta	sharp spike sedge
Eleocharis gracilis	
Gahnia lacera	
Gahnia xanthocarpa	
Isolepis prolifer	
Isolepis reticularis	
Isolepis distigmata	
* Isolepis setacea	
* Isolepis sepulchralis	
Machaerina sinclairii	tuhara
Schoenoplectus validus	kapungawhia
Schoenus maschalinus	
Uncinia banksii	hookgrass
Uncinia clavata	hookgrass
Uncinia distans	hookgrass
Uncinia uncinata	hookgrass
Rushes	
* Juncus articulatus	jointed-leaved rush
* Juncus bufonius	toad rush
Juncus caespiticus	
Juncus distegus	
* Juncus effusus	
Juncus gregiflorus	
Juncus pallidus	
Juncus pauciflorus	
Juncus planifolius	
Juncus sarophorus	
Luzula picta s.s.	wood rush
Other Monocot Herbs	
* Alisma lanceolatum	water plantain
* Aponogeton distachyus	water hawthorn
* Arum italicum	Italian arum

Astelia fragrans	
Astelia solandri	perching lily
* Canna indica	canna lily
Collospermum hastatum	perching lily
* Crocosmia x crocosmiiflora	montbretia
Dianella nigra	turutu, blueberry
* Elodea canadensis	Canadian pondweed
* Iris foetidissima	stinking iris
Lemna sp. [L. minor auct NZ]	duckweed
Libertia sp.	
Phormium cookianum	wharariki, mountain flax
Phormium tenax	harakeke, NZ flax
* Potamogeton crispus	curled pondweed
Sparganium subglobosum	bur-reed
* Spirodela punctata	purple-backed duckweed
* Tradescantia fluminensis	wandering Jew
Triglochin striatum	arrow-grass
Typha orientalis	raupo
Wolffia australiana	water meal
* Zantedeschia aethiopica	arum lily

Fern Allies

Lycopodium scariosum	clubmoss
Lycopodium varium	clubmoss
Lycopodium volubile	climbing clubmoss
Tmesipteris elongata	
Tmesipteris tannensis	
* Selaginella kraussiana	selaginella

Ferns

Adiantum cunninghamii	maidenhair fern
Adiantum diaphanum	maidenhair fern
Adiantum formosum	giant maidenhair
Anarthropteris lanceolata	
Arthropteris tenella	jointed fern
Asplenium bulbiferum	hen and chicken fern
Asplenium colensoi	
Asplenium flaccidum s.s.	hanging spleenwort
Asplenium gracillimum	
Asplenium hookerianum	
Asplenium oblongifolium	shining spleenwort
Asplenium polyodon	
Asplenium bulbiferum (?) x A. colensoi	
Asplenium flaccidum x A. oblongifolium	

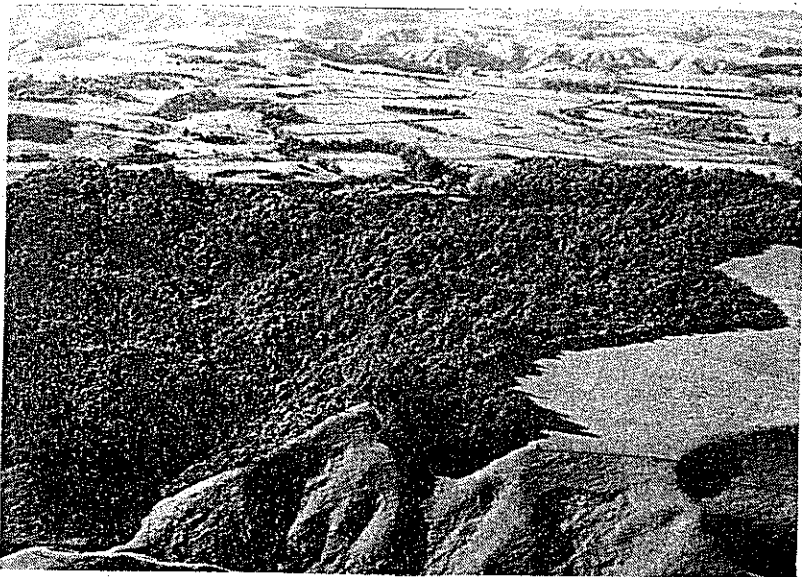
<i>Asplenium flaccidum</i> x <i>A. gracillimum</i>	
<i>Asplenium gracillimum</i> x <i>A. hookerianum</i>	
<i>Azolla filiculoides</i> ssp. <i>rubra</i>	
<i>Blechnum chambersii</i>	
<i>Blechnum colensoi</i>	
<i>Blechnum filiforme</i>	climbing blechnum
<i>Blechnum fluviatile</i>	
<i>Blechnum membranaceum</i>	
<i>Blechnum minus</i>	swamp kiokio
<i>Blechnum procerum</i>	
<i>Blechnum</i> sp. [unnamed; <i>B. capense</i> agg. "Black Spot"]	kiokio
<i>Blechnum</i> sp. [unnamed; <i>B. capense</i> agg. "Green Bay form"]	cliff kiokio
<i>Blechnum chambersii</i> x <i>B. membranaceum</i>	
<i>Botrychium bifforme</i>	parsley fern
<i>Cyathea cunninghamii</i>	gully tree fern
<i>Cyathea dealbata</i>	ponga, silver fern
<i>Cyathea medullaris</i>	mamaku
<i>Cyathea smithii</i>	katote, soft tree fern
<i>Deparia petersenii</i>	
<i>Dicksonia fibrosa</i>	wheki-ponga
<i>Dicksonia squarrosa</i>	wheki
<i>Diplazium australe</i>	
<i>Doodia media</i>	
<i>Hymenophyllum demissum</i>	
<i>Hymenophyllum dilatatum</i>	
<i>Hymenophyllum ferrugineum</i>	
<i>Hymenophyllum flexuosum</i>	
<i>Hymenophyllum rarum</i>	
<i>Hymenophyllum revolutum</i>	filmy fern
<i>Hymenophyllum sanguinolentum</i>	
<i>Hymenophyllum scabrum</i>	
<i>Hypolepis ambigua</i>	
<i>Hypolepis lactea</i>	
<i>Hypolepis rufobarbata</i>	
<i>Lastreopsis glabella</i>	
<i>Lastreopsis hispida</i>	
<i>Lastreopsis microsora</i>	
<i>Lastreopsis velutina</i>	velvet fern
<i>Leptopteris hymenophylloides</i>	
<i>Lindsaea trichomanoides</i>	
<i>Paesia scaberula</i>	ring fern

<i>Pellaea rotundifolia</i>	button fern
<i>Pellaea</i> sp. [unnamed? cf. <i>P. falcata</i> / <i>P. rotundifolia</i> - rhizomatous]	
<i>Phymatosorus pustulatus</i>	hounds tongue fern
<i>Phymatosorus scandens</i>	
<i>Pneumatopteris pennigera</i>	
<i>Polystichum richardii</i>	
<i>Polystichum silvaticum</i>	
<i>Pteridium esculentum</i>	bracken
<i>Pteris pendula</i> [<i>P. macilenta</i> of NZ authors]	
<i>Pteris tremula</i>	shaking brake
<i>Pyrrosia elaeagnifolia</i>	
<i>Rumohra adiantiformis</i>	
<i>Trichomanes venosum</i>	bristle fern

Manawatu Plains Ecological District

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