

APPENDIX FOUR: LISTS OF SPECIES FOUND WITHIN THE OTARI FOREST REMNANT.

SPECIES LIST OTARI: TREES AND SHRUBS

SPECIES NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	COMMON NAME OR NAME CHANGE	ABBREVIATION	COMMON NAME OR NAME CHANGE	ABBREVIATION
Dacrycarpus dacrydioides	Kahikatea	- +	Dacdac (Kak)	+ +	19 34	19 34
Dacrydium cupressinum	Rimu	-	Daccup (R)	+ +	92	92
D. kirkii	Honoao	-	-	-		
Dodonaea viscosa	Akeake	-	-	-		
Dysoxylum spectabile	Kohekohē	-	Dysspe (K)	+ +		
Elaeocarpus dentatus	Hinau	-	Eladen (H)	+ +		
Elaeocarpus hookerianus	Pokaka	-	-	-		
Fuchsia excorticata	-	-	Fucexc (F)	+ +		
Geniostoma ligustrifolium	ex G. rupestre	-	Genlig (G)	+ +		
Griselinia lucida	Puka	-	Griluc	+ +		
Hebe stricta var atkinsonii	ex Hebe salicifolia	-	-	-		
Hebe parviflora	-	-	-	-		
Hedycarya arborea	pigeonwood	-	Hedarb (P)	+ +		
Hoheria ovata	was H. sexstylosa	-	Hohova (Hoh)	+ +		
Knighlia excelsa	rewarewa	-	Knlexc (RR)	+ +		
Kunzea ericoides	kanuka	-	Kuneri (Kan)	+ +		
Laurelia novae-zelandiae	pukatea	-	Launov (Puk)	+ +		
Leptospermum scoparium	manuka	-	Lepsco (Man)	+ +		

SPECIES LIST OTARI: TREES AND SHRUBS

SPECIES NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	SPECIES NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION
Ackama rosaeefolia	makomako	- +	Agaaus	Agaaus	- +
Agathis australis	kauri	-	Aleexc (Ti)	Aleexc (Ti)	- +
Alectryon excelsus	titoki	-	Ariser	Ariser	- +
Aristotelia serrata	wineberry	-	Beltaw (T)	Beltaw (T)	- +
Beilschmiedia taraire	tawa	-	Brarep (Ran)	Brarep (Ran)	- +
Brachyglottis repanda	rangiora	-	Carser (C)	Carser (C)	- +
Carpodetus serratus	marbleleaf	-	Caslep	Caslep	- +
Cassinia leptophylla	tauhinu	-	Copare (Car)	Copare (Car)	- +
Coprosma areolata	-	-	Copra (Cc)	Copra (Cc)	- +
Coprosma crassifolia	-	-	Copra (Cg)	Copra (Cg)	- +
C. foetidissima	-	-	Copluc (Clu)	Copluc (Clu)	- +
C. grandifolia	-	-	Taupata	Taupata	- +
C. linariifolia	-	-	Coprha (Crh)	Coprha (Crh)	- +
C. lucida	kanono	-	Coprig	Coprig	- +
C. repens	-	-	Coprob (Cro)	Coprob (Cro)	- +
C. rhamnoides	-	-	Corarb	Corarb	- +
C. rigidia	-	-	Corlae (Ka)	Corlae (Ka)	- +
C. robusta	kanono	-	Coraus	Coraus	- +
C. rubra	-	-	Cortar	Cortar	- +
Cordyline australis	cabbage tree	-	Corynocarpus laevigatus	Karakā	- +
Coriaria arborea	tutu	-	Corynocarpus laevigatus	Karakā	- +
Cyathodes juniperina	was C. acerosa	-	Coriace (Ca)	Coriace (Ca)	- +

No. Some sp. - in 24 f in 97  
 small brvn bcc. plnted into area  
 by (✓) after work of C. V. (✓)  
 from: Marjot, 1992.

SPECIES LIST OTARI: TREES AND SHRUBS

SPECIES NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	19 34	19 92
<i>Leucopogon fasciculata</i>	syn <i>Cyathodes fasciculata</i>	Leucas (Lf)	+	
<i>Libocedrus plumosa</i>			-	+
<i>Lophomyrtus bullata</i>	ramarama	Lophbul (Lob)	+	
<i>L. obcordata</i>		Lopobc	+	
<i>Macropliper excelsum</i>	kawakawa	Macexc (Mac)	+	
<i>Melicope simplex</i>		Melisim	+	
<i>M. simplex</i> x <i>ternata</i>	F1 hybrid	Melhyb	-	+
<i>Melicope ternata</i>		Melter	+	
<i>Melicytus crassifolius</i>	was Hymenanthera		+	-
<i>Melicytus ramiflorus</i>	mahoe	Melram (M)	+	
<i>Metrosideros excelsa</i>	pohutokawa	Metexc	-	+
<i>M. robusta</i>	N. rata	Metrob (Ra)	+	
<i>Myoporum laetum</i>	ngalo	Myolae	+	
<i>Myrsine salicina</i>		(Ms)	+	-
<i>Myrsine australis</i>	red matipo	Myraus (My)	+	
<i>Neomyrtus pedunculatus</i>	was Myrtus p.		+	-
<i>Nestegis cunninghamii</i>	black maire	Nescun	+	
<i>Nestegis lanceolata</i>	white maire	Neslan (Nl)	+	
<i>Nestegis montana</i>	narrow-leaved maire	Nesmon	+	
<i>Nothofagus menziesii</i>	silver beech	Notmen	-	+
<i>N. solandri</i> var <i>ciliifortioides</i>	mountain beech	Notsol	-	+
<i>Streblus microphylla</i>				

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SPECIES NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	19 34	19 92
<i>Olearia numularifolia</i>		Olenum	-	+
<i>O. solandri</i>	coastal sp		+	-
<i>Olearia ranii</i>		Oleran (O)	+	+
<i>Pennantia corymbosa</i>	kaikomako	Pencor (Pc)	+	+
<i>Pittosporum crassifolius</i>			-	+
<i>P. eugenioloides</i>	tarata	Piteug (Pe)	+	+
<i>P. tenuifolium</i>	black matipo	Pitten (Pt)	+	+
<i>P. cornifolium</i>	epiphyte		+	+
<i>Podocarpus totara</i>	totara	Podtot (Tot)	+	+
<i>Prumnopitys taxifolia</i>	matai	Pruttax (Mt)	+	+
<i>Prumnopitys ferruginea</i>	miro	Prufer (Mi)	+	+
<i>Pseudopanax arboreus</i>	fivefinger	Psearbg (Px)	+	+
<i>P. crassifolius</i>	lancewood	Psecra (L)	+	+
<i>P. edgerleyi</i>			-	-
<i>P. anomalus</i>		Pseano	-	+
<i>Pseudowintera axillaris</i>		Pseax1	+	+
<i>Pseudowintera colorata</i>			+	+
<i>Rhopalostylis sapida</i>	nikau	Rhosap	+	+
<i>Schefflera digitata</i>	pate	Schdig (Sch)	+	+
<i>Solanum aviculare</i>	poroporo	golavi	+	+
<i>S. laciniatum</i>			-	+
<i>Streblus microphylla</i>	was paratrophis		+	+

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OTARI SPECIES LIST: PTERIDOPHYTES						
SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREV- IATION	COMMON NAME OR NAME CHANGE	ABBREV- IATION	19 19	19 19
<i>Adiantum cunninghamii</i>	was <i>A. affine</i>	+	<i>Cyathea medullaris</i>	black treefern	Cyamed	+
<i>A. diaphanum</i>		+	<i>C. smithii</i>		Cyasm	+
<i>Anarthropteris lanceolata</i>	ex <i>Polypodium dictyopteris</i>	+	<i>Dicksonia fibrosa</i>	<i>kuripaka</i>	Dicfib	+
<i>Arthropteris tenella</i>		-	<i>D. squarrosa</i>	<i>wheki</i>	Dicsqu	+
<i>Asplenium polyodon</i>	ex <i>A. adiantoides</i>	+	<i>Histiopteris incisa</i>		Hisinc	+
<i>A. bulbiferum</i>		+	<i>Hymenophyllum demissum</i>		Hymdem	+
<i>A. oblongifolium</i>	ex <i>A. lucidum</i>	+	<i>H. flabellatum</i>		+	-
<i>A. flaccidum</i>		+	<i>H. rarum</i>		+	-
<i>A. hookerianum</i>	ex <i>A. colensoi</i>	+	<i>H. rufescens</i>		+	-
<i>Blechnum capense</i>	<i>kio kio</i>	Blecap	<i>H. sanguinolentum</i>		+	-
<i>B. chambersii</i>	was <i>B. lanceolatum</i>	Blecha	<i>H. scabrum</i>		+	-
<i>B. discolor</i>		+	<i>H. bivalve</i>		-	+
<i>B. filiforme</i>		+	<i>Hypolepis ambigua</i>		-	+
<i>B. fluitatile</i>		+	<i>Lastreopsis glabella</i>	was <i>Dryopteris Lasgla</i>	+	+
<i>B. membranaceum</i>		+	<i>L. hispida</i>	ex <i>D. pennigera</i>	Lashis	+
<i>B. minus</i>	<i>swamp kio kio</i>	Blefil	<i>L. velutina</i>	ex <i>D. velutina</i>	Lassel	+
<i>B. penna-marina</i>		Bleflu	<i>Leptolepia novae-zelandiae</i>		+	-
<i>B. procerum</i>		+	<i>Leptopteris hymenophylloides</i>		Lephym	+
<i>Cyathea cunninghamii</i>	<i>gully fern</i>	Cyacun	<i>Lycopodium varium</i>	ex <i>L. billardieri</i>	+	-
<i>C. dealbata</i>	<i>silver fern</i>	Cyadea	<i>L. volubile</i>		+	-

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<i>Adiantum cunninghamii</i>	was <i>A. affine</i>	+	<i>Cyathea medullaris</i>	black treefern	Cyamed	+
<i>A. diaphanum</i>		+	<i>C. smithii</i>		Cyasm	+
<i>Anarthropteris lanceolata</i>	ex <i>Polypodium dictyopteris</i>	+	<i>Dicksonia fibrosa</i>	<i>kuripaka</i>	Dicfib	+
<i>Arthropteris tenella</i>		-	<i>D. squarrosa</i>	<i>wheki</i>	Dicsqu	+
<i>Asplenium polyodon</i>	ex <i>A. adiantoides</i>	+	<i>Histiopteris incisa</i>		Hisinc	+
<i>A. bulbiferum</i>		+	<i>Hymenophyllum demissum</i>		Hymdem	+
<i>A. oblongifolium</i>	ex <i>A. lucidum</i>	+	<i>H. flabellatum</i>		+	-
<i>A. flaccidum</i>		+	<i>H. rarum</i>		+	-
<i>A. hookerianum</i>	ex <i>A. colensoi</i>	+	<i>H. rufescens</i>		+	-
<i>Blechnum capense</i>	<i>kio kio</i>	Blecap	<i>H. sanguinolentum</i>		+	-
<i>B. chambersii</i>	was <i>B. lanceolatum</i>	Blecha	<i>H. scabrum</i>		+	-
<i>B. discolor</i>		+	<i>H. bivalve</i>		-	+
<i>B. filiforme</i>		+	<i>Hypolepis ambigua</i>		-	+
<i>B. fluitatile</i>		+	<i>Lastreopsis glabella</i>	was <i>Dryopteris Lasgla</i>	+	+
<i>B. membranaceum</i>		+	<i>L. hispida</i>	ex <i>D. pennigera</i>	Lashis	+
<i>B. minus</i>	<i>swamp kio kio</i>	Blefil	<i>L. velutina</i>	ex <i>D. velutina</i>	Lassel	+
<i>B. penna-marina</i>		Bleflu	<i>Leptolepia novae-zelandiae</i>		+	-
<i>B. procerum</i>		+	<i>Leptopteris hymenophylloides</i>		Lephym	+
<i>Cyathea cunninghamii</i>	<i>gully fern</i>	Cyacun	<i>Lycopodium varium</i>	ex <i>L. billardieri</i>	+	-
<i>C. dealbata</i>	<i>silver fern</i>	Cyadea	<i>L. volubile</i>		+	-

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SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREV- IATION	19	19	19	19
<i>Ophioglossum coriaceum</i>	adder's tongue	-	+			
<i>Paeonia scaberula</i>			+	+		
<i>Pellaea rotundifolia</i>		Pelrot	+	+		
<i>P. falcata</i>			+	-		
<i>Phymatosorus diversifolius</i>	ex <i>Polypodium</i>	Phydiv	+	+		
<i>P. scandens</i>	ex <i>Polypodium</i>	Physca	+	+		
<i>Pneumatopteris pennigera</i>		Pnepen	-	+		
<i>Polystichum richardii</i>	ex <i>Polypodium</i>	Polric	+	+		
<i>P. sylvaticum</i>	ex <i>Polypodium</i>		+	-		
<i>P. vestitum</i>	ex <i>Polypodium</i>		+	-		
<i>Pteridium esculentum</i>	bracken	Pteesc	+	+		
<i>Pteris macilenta</i>		Ptemac	+	+		
<i>Pyrrosia tremula</i>			+	-		
<i>Pyrosia eleagnifolia</i>	ex <i>Cyclophorus serpens</i>		+	+		
<i>Rumohra adiantiformis</i>	ex <i>Polypodium adiantiforme</i>	Rumadi	+	+		
<i>Tmesipteris tannensis</i>			+	-		
<i>Trichomanes reniforme</i>			+	-		
<i>T. venosum</i>			+	-		
<i>T. endlicherianum</i>	was <i>T. humile</i>		+	-		

OTARI BUSH SPECIES LIST: LIANES AND CLIMBERS						
SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREV- IATION	19	19	19	19
<i>Clematis foetida</i>			+		+	-
<i>C. paniculata</i>	ex <i>C. Indivisa</i>	Clepan	+	+		
<i>Freylinetia baueriana</i> ssp <i>banksii</i>	was <i>F. banksii</i>	Freban	+	+		
<i>Metrosideros diffusa</i>	was <i>M. hypericifolia</i>	Metdif	+	+		
<i>M. fulgens</i>		Metful	+	+		
<i>M. perforata</i>	ex <i>M. scandens</i>	Mettper	+	+		
<i>Muehlenbeckia australis</i>		Mueaus	+	+		
<i>M. complexa</i>		Muecom	+	+		
<i>Parsonsia heterophylla</i>		Parhet	+	+		
<i>Parsonsia capsularis</i>			+	+		
<i>Passiflora tetrandra</i>	was <i>Tetraptera</i>	Pastet	+	+		
<i>Ripogonum scandens</i>	supplejack	Ripsca	+	+		
<i>Rubus australis</i>			+	-		
<i>R. cissoides</i>		Rubcis	+	+		
<i>R. schmidellioides</i>			-	+		

from: Marist 1992.

from: Marot, 1992.

OTARI SPECIES LIST: HERBS AND GRASSES						
SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREV- IATION	19	19	ABBREV- IATION	19
<i>Acaena anserinifolia</i>	was <i>A. sanguisorbae</i>	Acaans	+	+	Gahset	+
<i>Astelia fragrans</i>		Astfra	-	+		-
<i>A. solandri</i>		Astsol	+	+		-
<i>Australina pusilla</i>		Auspus	+	+	H. Filicaule	+
<i>Bulbophyllum pygmaeum</i>	orchid		+	-	Hydrocotyle americana	-
<i>Cardamine debilis</i>	was <i>C. heterophylla</i>		+	-	<i>H. elongata</i>	+
<i>Carex forsteri</i>		Carfor	+	+	<i>Libertia ixioides</i>	+
<i>Centella uniflora</i>	<i>centella</i>		-	+	<i>Microtis unifolia</i>	+
<i>Chiloglottis cornuta</i>	orchid		-	+	<i>Phormium tenax</i>	-
<i>Collospermum hastatum</i>		Colhas	+	+	<i>Pterostylis banksii</i>	+
<i>Cotula coronopifolia</i>			-	+	<i>Ranunculus hirtus</i>	-
<i>Dendrobium cunninghamii</i>	orchid		+	+	<i>Stellaria sp</i>	-
<i>Dichondra repens</i>	<i>dichondra</i>		-	+	<i>Thelymitra unifolia</i>	+
<i>Dianella nigra</i>	was <i>intermedia</i>	<i>Dianig</i>	+	+	<i>Uncinia banksii</i>	-
<i>Earina autumnalis</i>	orchid		+	+	<i>U. ferruginea</i>	"
<i>E. mucronata</i>	"		+	+	<i>U. uncinata</i>	"
<i>Ehrhartia diplax</i>	bush ricegrass	<i>Ehrdip</i>	-	+	<i>Urtica ferox</i>	+
<i>Epilobium pubens</i>			+	+	<i>Urtica incisa</i>	+
<i>E. nummularifolium</i>			+	+	<i>Vittadinia australis</i>	-
					<i>Wahlenbergia gracilis</i>	+

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SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREV- IATION	19	19	ABBREV- IATION	19
<i>Gahnia setifolia</i>	"				Gahset	+
<i>Gnaphalium luteo-album</i>						+
<i>Helichrysum bellidoides</i>						-
<i>H. filicaule</i>						-
<i>Hydrocotyle americana</i>						-
<i>H. elongata</i>					<i>Hydello</i>	+
<i>Libertia ixioides</i>					<i>Libixi</i>	+
<i>Microtis unifolia</i>	was <i>porrifolia</i>					+
<i>Phormium tenax</i>	flax				<i>Photen</i>	-
<i>Pterostylis banksii</i>	orchid					+
<i>Ranunculus hirtus</i>						-
<i>Stellaria sp</i>						+
<i>Thelymitra unifolia</i>	orchid					-
<i>Uncinia banksii</i>	hookgrass				<i>Uncban</i>	-
<i>U. ferruginea</i>	"				<i>Uncfer</i>	-
<i>U. uncinata</i>	"				<i>Uncunc</i>	+
<i>Urtica ferox</i>	tree nettle				<i>Urtfer</i>	+
<i>Urtica incisa</i>					<i>Urtinc</i>	+
<i>Vittadinia australis</i>						-
<i>Wahlenbergia gracilis</i>						+

OTARI BUSH SPECIES LIST: INTRODUCED PLANTS						
SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	19	19	19	19
Allium triquetrum	wild onion	Altri	-	+		
Berberis darwinii	barberry	Berdar (Barb)	-	+		
Clematis vitalba	old man's beard	Clevit	-	+		
Cirsium vulgare	scotch thistle	Cirvul	-	+		
Crocosmia x crocosmifolia	montbretia		-	+		
Cytisus scoparius	broom	Cystsco	+	+		
Digitalis purpurea	foxglove	Digpur	+	+		
Euphorbia peplus	spurge		+	+		
Erodium circutarium	storksbill		+	-		
Foeniculum vulgare	fennel	Foevul	-	+		
Geranium robertianum	herb robert	Gerrobb	+	+		
Hedera helix	ground ivy	Hedhel	-	+		
Hypericum androsaemum	tutsan		+	-		
Hypochaeris radicata	dandelion	Hyprad	-	+		
Ilex sp	holly		-	+		
Lamium purpureum	red dead-nettle	Lampur	+	+		
Lotus pedunculatus	lotus		-	+		
Lupinus arboreus	lupin	Luparb	-	+		
Nasturtium officinale			+	-		

OTARI BUSH SPECIES LIST: INTRODUCED PLANTS						
SCIENTIFIC NAME	COMMON NAME OR NAME CHANGE	ABBREVIATION	19	19	19	19
Oxalis articulata	oxalis	oxalis			34	92
Ranunculus repens	buttercup	buttercup	-	+		
Rosa rubiginosa	sweet briar			+	-	
Rubus fruticosus	blackberry	blackberry	Rubfru	+	+	
Sambucus nigra	elder	elder	Samnig	+	+	
Selaginella kraussiana	was S. denticulata			+	+	
Senecio jacobaea	ragwort	ragwort	Senjac	+	+	
Solanum nigrum	black nightshade	black nightshade		-	+	
Taraxacum officinale	dandelion	dandelion	Taroff	-	+	
Tradescantia fluminensis	wandering jew	wandering jew	Traflu	-	+	
Trifolium repens	clover			+	+	
Ulex europeus	gorse	gorse	Uleeur (Gor)	+	+	
Vicia sativa	vetch	vetch	Vicsat	-	+	