

Appendix 1: Species list for Pomona Island indicating species recorded from sampling of permanent vegetation plots on both Pomona and Rona Islands.

P Pomona Island by B. D. Rance, November-December 2005
 Q Pomona Island list by S. L. Quinn 1984

Habitat

F lower to mid altitude forest
 U upper altitude forest
 W wetland/swamp forest
 R rock faces
 S shrubland (found on shore)
 L lakeshore communities

Abundance

a abundant
 f frequent
 c common
 o occasional
 l local

Pteridophytes

Common name	Habitat	Abundance	Pomona plots (2005) *	Rona plots (2005) x
Adiantum cunninghamii	Q	lo		
Asplenium bulbiferum	Q	o	*	
Asplenium flaccidum	Q	c	*	x
Asplenium polyodon				
Asplenium terrestre	L	u		
Blechnum chambersii	F	o	*	
Blechnum colensoi	F	lc	*	
Blechnum discolor	F,U	f	*	x
Blechnum fluviatile	F	o	*	
Blechnum minus	L	o		
Blechnum novae-zelandiae	F	lc	*	
Blechnum penna-marina	L	o	*	
Blechnum procerum	F,L	f	*	
Blechnum vulcanicum	R	lc		
Ctenopteris heterophylla	F	c		x
Cyathea smithii	F	f	*	

Dicksonia squarrosa	hard treefern	P	Q	F	f	*
Gleichenia dicarpa	tangle fern	P	Q	W	I	
Gleichenia microphyllum	a fern	P	Q	W	lo	
Grammitis billardieri	a fern	P	Q	F,U	f	x
Grammitis magellanica	a fern	P	Q	U	o	
Histeopteris incisa	water fern	P	Q	F	o	
Hymenophyllum bivalve	a filmy fern	P	Q	F	f	x
Hymenophyllum dilatatum	a filmy fern	P	Q	F	lc	
Hymenophyllum flabellifolium	a filmy fern	P	Q	F,U	f	
Hymenophyllum lyallii	a filmy fern	P	Q	R	lc	
Hymenophyllum multifidum	a filmy fern	P	Q	F,U	c	
Hymenophyllum pulcherrimum	a filmy fern	P	Q	U	u	
Hymenophyllum rarum	a filmy fern	P	Q	F	o	
Hymenophyllum revolutum	a filmy fern	P	Q	F,R	o	
Hymenophyllum rufescens	a filmy fern	P		Ru		
Hymenophyllum sanguinolentum	a filmy fern	P		F	f	
Hymenophyllum villosum	a filmy fern	P				
Hypolepis ambigua	a fern	P	Q	F	o	
Hypolepis rufo-barbata	a fern	P	Q	F	o	
Lastreopsis hispida	a fern	P	Q	F	lc	
Leptopteris hymenophylloides	crape FERN	P	Q	F	o	
Lycopodium ramulosum	a clubmoss	P	Q	W	lc	
Lycopodium scariosum	a clubmoss	P	Q	S	lc	
Lycopodium varium	a clubmoss	P	Q	F	o	
Lycopodium volubile	a clubmoss	P	Q	W	o	
Microsorium pustulatum	a fern	P	Q			x
Phymatosorus diversifolius	hounds tongue fern	P	Q	F	f	x
Polystichum vestitum	prickly shield fern	P	Q	F	c	
Pteridium esculentum	bracken	P		L	lc	
Pyrrosia serpens	leather-leaved fern	P		F	o	x
Rumohra adiantiformis	plastic fern	P	Q	F	c	
Schizaea australis	comb fern	P		S	lc	
Tmesipteris elongata	a chain fern	P		F	o	
Tmesipteris tannensis	a chain fern	P	Q	F,U	c	
Trichomanes reniforme	kidney fern	P	Q	F	If	
Trichomanes venosum	a filmy fern	P		F	o	
Podocarps						
Dacrydium dacrydioides	kahikatea		Q	F	u	
Dacrydium cupressinum	rimu	P	Q	F	c	
Halocarpus biforme	pink pine	P	Q	W	lo	
Lepidothamnus intermedius	yellow-silver fern	P	Q	W,U,S	o	
Phyllocladus alpinus	celery pine	P	Q	F,U	c	

*Rorippa sylvestris	a herb			
*Rumex acetosella	sheeps sorrel			
Rumex flexuosus	a native dock	P	L	o
Selliera radicans	a herb	P	L	lc
Senecio biserratus	a groundsel		L	o
Senecio minimus	a groundsel			
Senecio quadridentatus	a groundsel			
*Senecio sylvaticus	a groundsel			
Senecio wairauensis	a groundsel	P	F	o
*Spergula arvensis	a herb			
*Stellaria media	chickweed			
*Trifolium repens	white clover			
Urtica incisa	a native nettle	P	F	o
Viola cunninghamii	a native violet	P	L	o
Viola lyallii	a native violet			

Grasses

*Agrostis capillaries	browntop			
Agrostis dyerii?	a grass	P	L	u
*Agrostis stolonifera	creeping bent			
*Aira caryophylla	a grass	P	L	o
*Avena sativa	oat	M		
Chionochloa conspicua	a grass	P	L	u
Deschampsia caespitosa	a grass			
Deschampsia chapmanii?	a grass			
Deyeuxia avenoides	a grass	P	Q	o
Dichelachne crinita?	plume grass			
*Festuca ovina	a grass			
*Festuca rubra	a grass			
*Holeus lanatus	Yorkshire fog	P	L	o
Lachnagrostis filiformis	a grass			
Lachnagrostis lyallii	a grass	?	Q	o
Lachnagrostis pilosa	a grass			
*Lolium perenne	ryegrass			
Microlaena avenacea	bush rice grass	P	F	o
*Poa annua	annual poa			
Rytidosperma gracile	a grass	P	L	o
Rytidosperma setifolium	a grass	P	Q	L

Sedges

Baumea tenax	a sedge	P	Q	L
Carex comans	a sedge			
Carex dipacaea	a sedge	P	L	o

Carex dissita	a sedge	P		L,F	c
Carex echinata	a sedge	P		L	o
Carex flaviformis	a sedge	P			
Carex gaudichaudiana	a sedge	P	Q	L	la
Carex geminata	a sedge	P		L	If
Carex inversa	a sedge	P		L	lo
Carex maorica	a sedge	P		L	lo
Carex secta	pedicelled sedge	P		L	o
Carex virgata	a sedge	P	Q	L	o
Centrolepis ciliata	a dwarf sedge	P		L	lo
Eleocharis acuta	a spike rush	P		S,W	lc
Gahnia procera	a sedge	P	Q	L	lo
Isolepis cernua?	a dwarf sedge	P		L	lo
Isolepis habra	a dwarf sedge	P		L	lo
Lepidosperme australe	four square	P	Q	L	c
Oreobolus strictus	a comb sedge	P	Q	L,W	lc
Schoenus pauciflorus	a sedge	P	Q	L	o
Uncinia divaricata	a hook grass	?	Q	L?	o
Uncinia rupestris	a hook grass	?	Q	F	o
Uncinia uncinata	a hook grass	?	Q	F	o
Uncinia sp.	a hook grass	P		F	o

Orchids

Acianthus viridis	an orchid	P		U	o
Adenochilus gracilis	an orchid	P		F,U	o
Aporostylis bifolia	an orchid	P		U,W	c
Caladenia aff. carnea?	an orchid	P		L	u
Caladenia lyallii	an orchid	P			
Caladenia chlorostylis	an orchid	P			
Chiloglottis cornutta	an orchid	P		W	o
Corybas acuminatus	a spider orchid	P	Q	F	o
Corybas macranthus	a spider orchid	P			
Corybas oblongus	a spider orchid	P		F	o
Corybas rivularis					
Corybas trilobus	a spider orchid	P			
Dendrobium cunninghamii	an epiphytic orchid	P	Q	F	c
Earina autumnalis	Easter orchid	P	Q	F	c
Earina mucronata	bamboo orchid	P	Q	F	f
Gastrodia cunninghamii	a black orchid	P		F	f
Microtis unifolia	onion orchid	P		F	u
Prasophyllum colensoi	leek orchid	P		L	o
Pterostylis australis	a green hooded orchid	P		F	o
Pterostylis aff. montana	a green hooded orchid	P		L	o

