

**CHECKLIST OF THE VASCULAR PLANTS OF THE
SALTWATER ECOLOGICAL AREA AND ADJACENT AREAS**

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This list covers all the higher plants in the Saltwater Ecological Area, Saltwater Lagoon Scenic Reserve, and adjacent unoccupied Crown land. The checklist is compiled from my notes and those of Peter Wardle, and are supplemented by a number of records made during the Canterbury Botanical Society summer camp at Harihari, January 1987.

INDIGENOUS SPECIES

Ferns and fern allies

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|--------------------------------------|-------------------------------------|
| <i>Asplenium bulbiferum</i> | <i>Hymenophyllum lyallii</i> |
| <i>Asplenium flaccidum</i> | <i>Hymenophyllum malingii</i> |
| <i>Asplenium polyodon</i> | <i>Hymenophyllum multifidum</i> |
| | <i>Hymenophyllum rarum</i> |
| | <i>Hymenophyllum revolutum</i> |
| | <i>Hymenophyllum sanguinolentum</i> |
| <i>Blechnum chambersii</i> | <i>Hypolepis rufobarbata</i> |
| <i>Blechnum discolor</i> | |
| <i>Blechnum fluviatile</i> | <i>Lastreopsis glabella</i> |
| <i>Blechnum minus</i> | <i>Lastreopsis hispida</i> |
| <i>Blechnum nigrum</i> | <i>Leptopteris hymenophylloides</i> |
| <i>Blechnum procerum</i> | <i>Leptopteris superba</i> |
| <i>Blechnum vulcanicum</i> | <i>Lindsaea trichomanoides</i> |
| <i>Blechnum</i> sp. (blackspot form) | <i>Lycopodium ramulosum</i> |
| | <i>Lycopodium varium</i> |
| <i>Ctenopteris heterophylla</i> | <i>Lycopodium volubile</i> |
| <i>Cyathea smithii</i> | |
| | <i>Phymatosorus diversifolius</i> |
| <i>Dicksonia fibrosa</i> | <i>Pneumatopteris pennigera</i> |
| <i>Dicksonia squarrosa</i> | <i>Polystichum vestitum</i> |
| | <i>Pteridium esculentum</i> |
| <i>Gleichenia dicarpa</i> | <i>Pyrrosia serpens</i> |
| <i>Gleichenia microphylla</i> | |
| <i>Grammitis billardierei</i> | <i>Rumohra adiantiformis</i> |
| | |
| <i>Histiopteris incisa</i> | <i>Sticherus cunninghamii</i> |
| <i>Hymenophyllum armstrongii</i> | |
| <i>Hymenophyllum demissum</i> | <i>Tmesipteris elongata</i> |
| <i>Hymenophyllum dilatatum</i> | <i>Tmesipteris tannensis</i> |
| <i>Hymenophyllum ferrugineum</i> | <i>Trichomanes reniforme</i> |
| <i>Hymenophyllum flabellatum</i> | <i>Trichomanes strictum</i> |
| <i>Hymenophyllum flexuosum</i> | <i>Trichomanes venosum</i> |

Conifers

Dacrycarpus dacrydioides
Dacrydium cupressinum

Halocarpus bidwillii

Lagarostrobos colensoi
Lepidothamnus laxifolius
Libocedrus bidwillii

Phyllocladus alpinus
Podocarpus acutifolius
Podocarpus hallii
Podocarpus totara var *waihoense*
Prumnopitys ferruginea
Prumnopitys taxifolia

Dicotyledons

Acaena anserinifolia
Acaena novae-zeelandiae
Alseuosmia pusilla
Aristotelia serrata
Ascarina lucida

Callitriche sp.
Calystegia soldanella
Calystegia tuguriorum
Cardamine debilis
Carmichaelia arborea
Carpodetus serratus
Celmisia cf. *graminifolia*
Centella uniflora
Clematis paniculata
Coprosma ciliata
Coprosma colensoi
Coprosma foetidissima
Coprosma lucida
Coprosma propinqua
Coprosma rhamnoides
Coprosma rotundifolia
Coprosma sp. (aff. *C. parviflora*)
Cyathodes empetrifolia

Dracophyllum palustre
Drosera binata
Drosera spathulata

Elaeocarpus dentatus
Elaeocarpus hookerianus
Epilobium brunnescens
Epilobium microphyllum

Fuchsia excorticata
Fuchsia perscandens

Galium perpusillum
Gaultheria antipoda
Glossostigma elatinoides
Gnaphalium audax
Gnaphalium ?delicatum
Gnaphalium japonicum
Gnaphalium limosum
Gonocarpus micranthus
Gratiola sexdentata
Griselinia littoralis
Griselinia lucida

Haloragis erecta
Hebe elliptica
Hebe salicifolia
Hedycarya arborea
Hydrocotyle moschata
Hydrocotyle novae-zeelandiae var.
montana
Hydrocotyle novae-zeelandiae
 (pilose form)
Hypsela rivalis

Leptinella dioica
Leptinella squalida
Leptospermum scoparium
Lilaeopsis novae-zeelandiae
Lobelia anceps

Melicytus lanceolatus
Melicytus ramiflorus
Metrosideros diffusa
Metrosideros fulgens
Metrosideros perforata

Metrosideros umbellata
Muehlenbeckia australis
Muehlenbeckia axillaris
Myriophyllum pedunculatum
Myriophyllum propinquum
Myrsine australis
Myrsine divaricata
Myrsine salicina

Neomyrtus pedunculata
Nertera depressa
Nertera scapanioides
Nertera sp. (aff. *N.dichondrifolia*)

Olearia ilicifolia
Oxalis exilis

Parsonsia heterophylla
Pennantia corymbosa
Pittosporum colensoi
Pittosporum crassicaule
Polygonum decipiens
Pratia angulata
Pseudopanax anomalus
Pseudopanax colensoi
Pseudopanax crassifolius
Pseudopanax simplex
Pseudowintera colorata

Quintinia acutifolia

Raoulia hookeri
Raoulia tenuicaulis
Rorippa islandica
Rubus australis
Rubus cissoides
Rubus schmidelioides

Schefflera digitata
Selliera radicans
Senecio minimus
Sophora microphylla
Stellaria parviflora
Streblus microphylla

Tetragonia tetragonoides

Tillaea kirkii

Urtica incisa
Utricularia novae-zelandiae

Viola lyallii

Wahlenbergia gracilis
Weinmannia racemosa

Monocotyledons

Aporostylis bifolia
Astelia fragrans
Astelia grandis
Astelia nervosa
Astelia solandri

Baumea rubiginosa
Baumea tenax
Baumea teretifolia
Bulbophyllum pygmaeum

Caladenia catenata
Carex appressa
Carex coriacea
Carex dipsacea
Carex dissita
Carex geminata
Carex pumila
Carex solandri
Carex virgata
Centrolepis ciliata
Cordyline australis
Cortaderia richardii
Corybas acuminatus
Cyperus ustulatus

Dendrobium cunninghamii
Desmoschoenus spiralis
Dianella nigra
Dichelachne crinita

Earina autumnalis
Earina mucronata

<i>Eleocharis acuta</i>	<i>Phormium tenax</i>
<i>Eleocharis sphacelata</i>	<i>Poa anceps</i>
<i>Empodisma minus</i>	<i>Poa pusilla</i>
<i>Freycinetia baueriana</i> subsp. <i>banksii</i>	<i>Potamogeton</i> sp.
<i>Gahnia procera</i>	<i>Pterostylis graminea</i>
<i>Gahnia rigida</i>	<i>Pterostylis venosa</i>
<i>Gahnia xanthocarpa</i>	<i>Ripogonum scandens</i>
<i>Juncus gregiflorus</i>	<i>Schoenus maschalinus</i>
<i>Juncus maritimus</i>	<i>Scirpus americanus</i>
<i>Juncus planifolius</i>	<i>Scirpus inundatus</i>
<i>Lachnagrostis lyallii</i>	<i>Scirpus nodosus</i>
<i>Leptocarpus similis</i>	<i>Scirpus prolifer</i>
<i>Libertia pulchella</i>	<i>Spiranthes sinensis</i>
<i>Luzuriaga parviflora</i>	<i>Thelymitra venosa</i>
<i>Microlaena avenacea</i>	<i>Typha orientalis</i>
<i>Microtis unifolia</i>	<i>Uncinia rupestris</i>
	<i>Uncinia uncinata</i>

NATURALISED SPECIES

<i>Achillea millefolium</i>	<i>Holcus lanatus</i>
<i>Agrostis stolonifera</i>	<i>Hypochaeris glabra</i>
<i>Agrostis tenuis</i>	<i>Juncus acuminatus</i>
<i>Aira caryophyllea</i>	<i>Juncus bufonius</i>
<i>Aira praecox</i>	<i>Juncus bulbosus</i>
<i>Ammophila arenaria</i>	<i>Juncus effusus</i>
<i>Anagallis arvensis</i>	<i>Juncus tenuis</i>
<i>Anthoxanthum odoratum</i>	<i>Lotus pedunculatus</i>
<i>Buxus sempervirens</i>	<i>Lotus subbiflorus</i>
<i>Callitriche stagnalis</i>	<i>Mentha pulegium</i>
<i>Centipeda cunninghamii</i>	<i>Mentha spicatus</i>
<i>Cerastium holosteoides</i>	<i>Myosotis caespitosa</i>
<i>Cirsium arvense</i>	<i>Navarettia squarrosa</i>
<i>Cirsium vulgare</i>	<i>Poa annua</i>
<i>Dactylis glomerata</i>	<i>Polycarpon tetraphyllum</i>
<i>Digitalis purpurea</i>	
<i>Galium palustre</i>	

Polygonum hydropiper
Polygonum prostratum
Prunella vulgaris

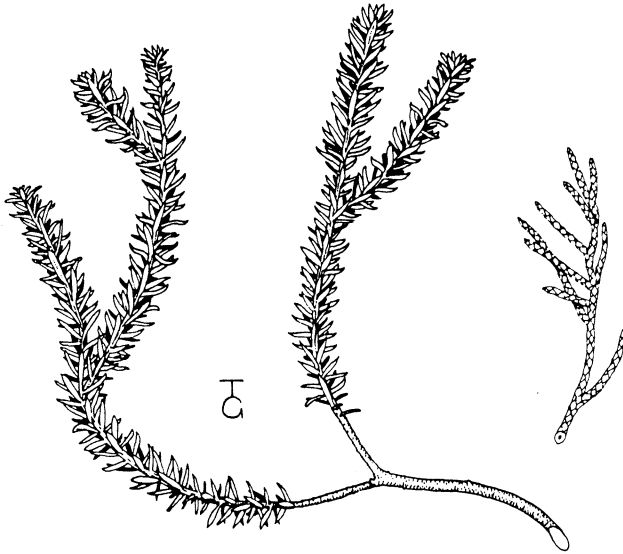
Ranunculus repens
Rubus fruticosus
Rumex acetosella

Sagina procumbens
Senecio jacobaea
Senecio sylvaticus

Solanum gracile
Sonchus asper
Sonchus oleraceus
Spergularia rubra
Stellaria graminea
Stellaria media

Ulex europaeus

Veronica ?arvensis
Vulpia myuros



Halocarpus bidwillii