

8. LIST OF THE INDIGENOUS PTERIDOPHYTES AND SPERMAPHYTES.

EXPLANATION OF ABBREVIATIONS USED.

N. = Northern botanical province of New Zealand. C. = Central botanical province of New Zealand. S. = Southern botanical province of New Zealand. End. = Endemic. Aus. = Australian and Tasmanian (one or both). S.A. = South American and subantarctic (one or both). Pol. = Polynesian. Mal. = Malayan and South Asian (one or both). Cos. = Generally distributed in temp. (= temperate) or trop. (= tropical) lands.

Name of Species and Natural Orders.	Maori Name.	English Name.	Distribution.		
			Beyond New Zealand, or Endemic.	Within New Zealand.	On Kapiti.
PTERIDOPHYTA.					
<i>Salviniaceæ.</i>					
<i>Azolla rubra</i> , R. Br. . . . .	.. ..	Red azolla ..	Aus. ..	N., C., S.	Swamp.
<i>Filices.</i>					
<i>Hymenophyllum demissum</i> (Forst. f.), Sw.	Irirangi ..	Drooping filmy fern	Pol., Mal.	"	Upper forest.
" <i>flabellatum</i> , Lab. ..	.. ..	Fan-leaved filmy fern	Aus., Mal.	"	"
" <i>tunbridgense</i> , Sm. ..	.. ..	Tunbridge-fern ..	Cos. ..	"	"
<i>Trichomanes reniforme</i> , Forst. f. ..	Raurenga ..	Kidney-fern ..	End. ..	"	"
<i>Cyathea dealbata</i> (Forst. f.), Sw. . .	Ponga ..	Silver tree-fern ..	Lord Howe Is.	"	Forest, manuka heath.
" <i>medullaris</i> (Forst. f.), Sw. ..	Mamaku ..	Black tree-fern ..	Aus., Pol.	"	Forest.
<i>Hemitelia smithii</i> (Hook. f.), Hook. ..	Neincikura ..	Pale-leaved tree-fern	End. ..	"	Upper forest.
<i>Dicksonia squarrosa</i> (Forst. f.), Sw. ..	Wheki ..	Slender tree-fern ..	" ..	"	"
" <i>fibrosa</i> , Col.	Weki-ponga ..	Stout tree-fern ..	" ..	"	"
<i>Leptolepia novæ-zelandiæ</i> (Col.), Mett. ..	.. ..	.. ..	" ..	"	Forest.
<i>Adiantum affine</i> , Willd. ..	.. ..	Common maiden-hair	Aus. . . .	"	Forest, dry and wet rocks, manuka heath.
" <i>fulvum</i> , Raoul ..	.. ..	Brown-stemmed maidenhair	Aus., Norfolk Is., Fiji.	N., C. . .	Forest.
<i>Hypolepis tenuifolium</i> (Forst. f.), Bernh. . .	.. ..	Thin-leaved hypolepis	Aus., Pol., Mal.	N., C., S.	"
<i>Pellaea rotundifolia</i> (Forst. f.), Hook. ..	.. ..	Round-leaved fern ..	Norfolk Is.	"	Forest cliffs.
<i>Pteridium esculentum</i> (Hook. f.) ..	Rau-aruhe ..	Common bracken ..	Aus., S.A.	"	Heaths, rocks.
<i>Pteris scaberula</i> , A. Rich. ..	Matata ..	Rough bracken ..	End. ..	"	Forest.
" <i>tremula</i> , R. Br.	Tarawera ..	Trembling bracken	Aus., Norfolk Is., Lord Howe Is., Fiji	N., C. . .	"
" <i>macilentata</i> , A. Rich. ..	.. ..	Thin bracken ..	End. ..	"	"
" <i>incisa</i> , Thunb.	Matata ..	Cut-leaved bracken	Aus., S.A., Cos. trop.	N., C., S.	"
<i>Lomaria discolor</i> (Forst. f.), Willd. ..	Petipeti ..	Common hard fern ..	Aus., Norfolk Is.	"	"
" <i>lanceolata</i> , Spreng. ..	Rereti ..	Lance-leaved hard fern	Aus., Pol.	"	"
" <i>fluviatilis</i> , Spreng. ..	Kiwikiwi ..	Creek fern ..	Aus. ..	"	"
" <i>filiiformis</i> , A. Cunn. ..	.. ..	Climbing hard fern	Fiji ..	N., C. . .	Forest, manuka heath.
" <i>capensis</i> (L.), Willd. ..	Kiokio ..	Long hard fern ..	Aus., Mal., Pol., S.A., &c.	N., C., S.	Swamp.
<i>Asplenium falcatum</i> , Lam. ..	.. ..	Lance-leaved spleenwort	Aus., Pol. (Asia and Africa trop.)	"	Forest.
" <i>obtusatum</i> , Forst. f.	Panako ..	Shore spleenwort ..	Aus., Pol., S.A.	"	Coastal cliffs.
" <i>lucidum</i> , Forst. f.	Panako ..	Shining spleenwort	Aus., Pol., Norfolk Is., L. Howe Is.	"	Coastal cliffs, forest.
" <i>hookerianum</i> , Col. . . . .	.. ..	Maidenhair spleenwort	Aus. (?) ..	"	Forest.
" <i>bulbiferum</i> , Forst. f.	Mauku ..	Common spleenwort	Aus., Cos. trop.	"	"
" <i>flaccidum</i> , Forst. f.	Raukatauri ..	Drooping spleenwort	Aus., Pol.	"	Coastal rocks.
<i>Aspidium vestitum</i> (Forst. f.), Sw. ..	Puniu ..	Prickly shield fern	Aus., S.A.	"	Upper forest.
" <i>richardi</i> , Hook.	Pipiko ..	Black shield fern ..	Fiji ..	"	Forest.
" <i>capense</i> , Willd. . . . .	.. ..	Climbing shield fern	Aus., Pol., S. Africa, S.A., &c.	"	"
<i>Nephrodium velutinum</i> (A. Rich.), Hook. f. ..	.. ..	Velvet boss fern ..	End. ..	N., C. . .	"
<i>Polypodium punctatum</i> , Thunb. . . . .	.. ..	Hairy polypody ..	Aus., S.A., Cos. trop.	N., C., S.	"
" <i>pennigerum</i> , Forst. f.	Piupiu ..	Feather-leaved polypody	End. ..	"	"
" <i>tenellum</i> , Forst. f.	Tender polypody ..	Aus., Norfolk Is., New Caledonia	N., C. . .	"
" <i>serpens</i> , Forst. f.	Creeping polypody	Aus., Pol., Norfolk Is.	N., C., S.	Forest, rocks.

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PTERIDOPHYTES—continued.					
<i>Filices—continued.</i>					
<i>Polypodium pustulatum</i> , Forst. f.	..	Scented fern	Aus., Norfolk Is.	N., C., S.	Forest.
„ <i>billardiieri</i> , R. Br.	Paraharaha	Climbing polypody	Ditto	..	Forest, rocks.
<i>Todæa hymenophylloides</i> , A. Rich.	Tukura	Filmy todæa	End.	..	Upper forest.
<i>Ophioglossum vulgatum</i> , L.	..	Adder's tongue	Cos.	..	Peaty ground among rocks
SPERMAPHYTES.					
<i>Taxaceæ.</i>					
<i>Podocarpus ferrugineus</i> , Don.	Miro	..	End.	..	Upper forest (rare).
„ <i>spicatus</i> , R. Br.	Matai	Black pine	..	..	Ditto.
<i>Typhaceæ.</i>					
<i>Typha angustifolia</i> , L., var. <i>muelleri</i> (Rohrb.)	Raupo	Bulrush	Aus.	..	Swamp.
<i>Pandanaceæ.</i>					
<i>Freycinetia banksii</i> , A. Cunn.	Kiekie	Native screw-pine	End.	..	Forest.
<i>Potamogetonaceæ.</i>					
<i>Potamogeton cheesemannii</i> , A. Benn.	Manihi	Common New Zealand pondweed	Aus.	..	Pond of fresh water.
<i>Ruppia maritima</i> , L.	..	Tassel pondweed	Cos.	..	Lagoon.
<i>Schenzeriaceæ.</i>					
<i>Triglochin striata</i> , Ruiz. and Pav., var. <i>filifolia</i> , Buchen.	..	Southern arrow-grass	Aus., S.A.	..	Salt meadow.
<i>Gramineæ.</i>					
<i>Spinifex hirsutus</i> , Labill.	Puarere	Sand-grass	Aus., New Caledonia	N., C. ..	Sandy shore.
<i>Hierochloa redolens</i> (Forst. f.), R. Br.	Karetu	Holy-grass	Aus., S.A.	N., C., S.	Swamp.
<i>Echinopogon ovatus</i> (Forst. f.), Beauv.	..	Rough bearded grass	Aus.	..	Coastal heath.
<i>Dichelachne crinita</i> (Forst. f.), Hook. f.	..	Long-haired plume-grass	..	..	Rocks, coastal heath.
<i>Danthonia pilosa</i> , R. Br.	..	Purple-awned oat-grass	..	..	Meadow, rocks, coastal heath.
„ <i>semiannularis</i> , R. Br.	..	New Zealand oat-grass	..	..	Meadow, coastal rocks and heath.
<i>Arundo conspicua</i> , Forst. f.	Toetoe-kakaho	New Zealand reed	End.	..	Meadow, swamp, stony coast.
<i>Poa anceps</i> , Forst. f. (the type)	..	Nodding plumed poa	..	N., C. ..	Forest, rocks, coastal cliff, heath, xerophytic scrub
<i>Agropyrum scabrum</i> (R. Br.), Beauv.	..	Blue grass	Aus.	N., C., S.	Coastal rocks.
<i>Cyperaceæ.</i>					
<i>Mariscus ustulatus</i> , A. Rich. (C. B. Clarke)	Toetoe-upoto-tangata	Tall cyperus	End.	..	Swamp, stony coast.
<i>Eleocharis cunninghamii</i> , Boeck.	..	Australian spike-rush	End.	..	Swamp.
<i>Scirpus filiformis</i> , Savi.	..	Drooping club-rush	Cos.	..	Moist ground, coastal.
„ <i>inundatus</i> (R. Br.), Poir.	..	Water club-rush	Aus., Mal., S.A.	..	Swamp.
„ <i>nodosus</i> (R. Br.), Rottb.	Wiwi	Stiff bulrush	Aus., S.A., S. Africa, Norfolk Is., L. Howe Is.	..	Stony shore, coastal terrace and rocks.
„ <i>americanus</i> , Pers.	..	Three-square	Aus., S.A., N. America, Europe	..	Lagoon.
„ <i>robustus</i> , Pursh.	Ririwaka	Salt-marsh bulrush	Aus., North America	..	..
<i>Gahnia setifolia</i> (A. Rich.), Hook. f.	Toetoe-kiwi	..	End.	N., C. ..	Forest.
<i>Uncinia australis</i> , Pers.	Matau-a-Maui	Broad-leaved uncinia	..	N., C., S.	Forest, manuka heath.
„ <i>riparia</i> , R. Br.	..	Narrow-leaved uncinia	Aus.	..	Forest.
<i>Carex virgata</i> , Sol.	..	Smaller swamp-sedge	End.	..	..
„ <i>secta</i> , Boott	..	Niggerhead	..	..	Swamp.
„ <i>ternaria</i> , Forst. f.	Rautahi	Cutting-grass	..	..	..
„ <i>lucida</i> , Boott (form with culms elongating in fruit)	Mania	Shining sedge	..	..	Stony terrace near sea, meadow.
<i>Palmae.</i>					
<i>Rhopalostylis sapida</i> (Scl.), Wendl and Drude	Nikau	Nikau-palm	..	N., C. ..	Forest.
<i>Lemnaceæ.</i>					
<i>Lemna minor</i> , L.	..	Duckweed	Cos.	N., C., S.	Swamp.

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<i>Juncaceæ.</i>					
<i>Juncus effusus</i> , L.	Common rush ..	Cos. ..	N., C., S.	Swamp.
„ <i>lampocarpus</i> , Ehr.	North temp. region Aus. End. ..	„	„
<i>Luzula campestris</i> , L., var. .. .. .	.. .. .	Wood-rush ..	End. ..	Distr. (?) C. (N., S.)?	Coastal rocks.
<i>Liliaceæ.</i>					
<i>Rhipogonum scandens</i> , Forst.	Kareao	Supplejack ..	„ ..	N., C., S.	Forest.
<i>Cordyline australis</i> * (Forst. f.), Hook. f.	Ti-kauka	Cabbage-tree ..	„ ..	„	Station (?)
<i>Aspidistra cunninghamii</i> , Hook. f.	Kowharawhara .. ..	.. ..	„ ..	N., C. ..	Upper forest.
„ <i>solandri</i> , A. Cunn.	Kahakaha .. ..	.. ..	„ ..	„	„
„ <i>nervosa</i> , Banks and Sol. .. .. .	.. ..	Bush flax ..	„ ..	N., C., S.	Forest.
<i>Phormium cookianum</i> , Le Jolis	Wharariki	New Zealand flax ..	„ ..	„	Cliffs, coastal.
<i>Arthropodium candidum</i> , Raoul	Repehina-papa .. ..	.. ..	„ ..	„	Peaty ground near sea.
<i>Iridaceæ.</i>					
<i>Libertia grandiflora</i> , Sweet. .. .. .	.. .. .	Large-flowered liber- tia	„ ..	„	Forest.
<i>Orchidaceæ.</i>					
<i>Earina autumnalis</i> (Forst. f.), Hook. f.	Raupeka	Fragrant earina ..	„ ..	„	Forest, rocks, heath.
<i>Thelymitra longifolia</i> , Forst.	Makaika	Common thelymitra	Aus. ..	„	Forest meadow
<i>Microtis porrifolia</i> , R. Br. .. .. .	.. .. .	Onion-leaved orchid	„ ..	„	Meadow.
<i>Pterostylis banksii</i> , R. Br. .. .. .	.. .. .	Common hooded or- chid	End, ..	„	Forest.
<i>Acianthus sinclairii</i> , Hook. f. .. .. .	.. .. .	.. ..	„ ..	N., C. ..	„
<i>Corysanthes triloba</i> , Hook. f. .. .. .	.. .. .	.. ..	„ ..	N., C., S.	„
<i>Piperaceæ.</i>					
<i>Macropiper excelsum</i> (Forst. f.), Miq.	Kawakawa	The tall pepper-tree	Pol., Nor- folk Is., L. Howe Is.	N., C. ..	„
<i>Peperomia endlicheri</i> , Miq. .. .. .	.. .. .	.. ..	Norfolk Is., L. Howe Is.	N., C. ..	Forest, coastal rocks.
<i>Moraceæ.</i>					
<i>Paratrophis banksii</i> , Cheesem. .. .. .	.. .. .	Large-leaved milk- tree	End. ..	„ ..	Coastal forest.
<i>Urticaceæ.</i>					
<i>Urtica ferox</i> , Forst. f.	Ongaonga	True nettle ..	„ ..	N., C., S.	„
<i>Proteaceæ.</i>					
<i>Knightia excelsa</i> , R. Br.	Rewarewa	New Zealand honey- suckle	End. ..	N., C. ..	Forest.
<i>Loranthaceæ.</i>					
<i>Tupeia antarctica</i> (Forst. f.), Cham. and Schleh.	Pirita	Antarctic mistletoe	„ ..	N., C., S.	„
<i>Polygonaceæ.</i>					
<i>Polygonum serrulatum</i> , Lag.	Tutunawai	Water persicaria ..	Aus., S. Eu- rope, Asia, Africa	N., C. ..	Swamp.
<i>Muehlenbeckia australis</i> (A. Rich.), Meissn. .. .. .	.. .. .	.. ..	Norfolk Is.	N., C., S.	Forest.
„ <i>complexa</i> (A. Cunn.), Meissn.	Pohuehue .. ..	.. ..	End. ..	„	Stony ground, coastal.
<i>Chenopodiaceæ.</i>					
<i>Rhagodia nutans</i> , R. Br. .. .. .	.. .. .	.. ..	Aus. ..	N., C. ..	Coastal rocks.
<i>Salicornia australis</i> , Sol. .. .. .	.. .. .	Southern glasswort	„ ..	N., C., S.	„
<i>Aizoaceæ.</i>					
<i>Mesembrianthemum australe</i> , Sol.	Horokaka	Ice-plant	Aus., Norfolk Is., Lord Howe Is.	„	Coastal cliffs.
<i>Caryophyllaceæ.</i>					
<i>Stellaria parviflora</i> , Banks and Sol. .. .. .	.. .. .	Small-flowered chick- weed	End. ..	„	Forest.
<i>Colobanthus muelleri</i> , Kirk .. .. .	.. .. .	.. ..	„ ..	„	Coastal rocks.
<i>Tissa media</i> (L.), Dumort. .. .. .	.. .. .	Salt-marsh sand- spurry	Cos. ..	„	„
<i>Scleranthus biflorus</i> (Forst.), Hook. f.	Kohukohu .. ..	.. ..	Aus. ..	„	Stony ground, coastal.
<i>Ranunculaceæ.</i>					
<i>Clematis indivisa</i> , Willd.	Puawhanganga	Native clematis ..	End. ..	„	Forest, manu- ka heath.
„ <i>colensoi</i> , Hook. f. .. .. .	.. .. .	Yellow clematis ..	„ ..	C., S. ..	Manuka and coastal heath
„ <i>hexasepala</i> , D.C.	Pikiarero	Smaller white cle- matis	„ ..	N., C., S.	Forest.
<i>Ranunculus hirtus</i> , Banks and Sol.	Maruru	Common New Zea- land buttercup	Aus. ..	„	Forest, heath.

* I have not seen this myself on the island, but I am informed by Mr. Newson that it occurs at the southern end.

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<i>Ranunculaceae—continued.</i>					
<i>Ranunculus macropus</i> , Hook. f. ..	Raoriki ..	Swamp-buttercup ..	End. ..	N., C., S.	Swamp.
„ <i>rivularis</i> , Banks and Sol. ..	Waoriki ..	Water-buttercup ..	Aus. ..	„	„
„ <i>acaulis</i> , Banks and Sol. ..	..	Shore-buttercup ..	S.A. ..	„	Wet ground near sea, upper shore.
<i>Magnoliaceae.</i>					
<i>Drimys axillaris</i> , Forst. ..	Horopito ..	Pepper-tree ..	End. ..	N., C. ..	Upper forest.
<i>Monimiaceae.</i>					
<i>Hedycarya arborea</i> , Forst. ..	Porokaiwhiri ..	..	„ ..	N., C., S.	Forest.
<i>Atherosperma novae-zelandiae</i> (A. Cunn.), Hook. f. ..	Pukatea ..	..	„ ..	N., C. ..	„
<i>Lauraceae.</i>					
<i>Beilschmiedea tawa</i> (A. Cunn.), Benth. and Hook. ..	Tawa ..	..	„ ..	„ ..	„
<i>Cruciferae.</i>					
<i>Cardamine hirsuta</i> , L. ..	Panapana ..	Hairy bitter-cress ..	Cos. temp. ..	N., C., S.	Forest, coast.
<i>Lepidium oleraceum</i> , Forst. f., var. <i>acutidentatum</i> , Kirk ..	..	Scurvy-grass ..	End. ..	„	Tokomapuna Island
<i>Lepidium</i> , sp. ..	..	..	„ (?) ..	Distr. (?)	Stony shore, meadow.
<i>Crassulaceae.</i>					
<i>Crassula sieberiana</i> (Schultz), Schönk. ..	..	..	Aus. ..	N., C., S.	Stony shore, coastal cliffs
<i>Saxifragaceae.</i>					
<i>Carpodetus serratus</i> , Forst. ..	Putaputawheta ..	New Zealand hawthorn ..	End. ..	„	Upper forest.
<i>Pittosporaceae.</i>					
<i>Pittosporum tenuifolium</i> , Banks and Sol. ..	Kohuhu ..	..	„ ..	„	Forest.
„ <i>eugenioides</i> , A. Cunn. ..	Tarata ..	Lemonwood ..	„ ..	„	„
<i>Cunoniaceae.</i>					
<i>Weinmannia racemosa</i> , L. f. ..	Towai ..	..	„ ..	„	Upper forest.
<i>Rosaceae.</i>					
<i>Rubus australis</i> , Forst. f. ..	Tataramoa ..	Lawyer ..	„ ..	..	Forest, manuka heath.
<i>Accena sanguisorbæ</i> , Vahl. ..	Piripiri ..	Common burr ..	Aus., Tristan d'Acunha ..	„	Meadow, forest.
<i>Geraniaceae.</i>					
<i>Geranium microphyllum</i> , Hook. f. ..	..	Small-leaved crane's-bill ..	End. ..	N., C., S.	Meadow.
„ <i>sessiliflorum</i> , Cav. ..	..	Short-flowered crane's-bill ..	Aus., S.A. ..	„	..
<i>Oxalidaceae.</i>					
<i>Oxalis corniculata</i> , L. ..	..	Creeping yellow wood-sorrel ..	Cos. ..	„	Coastal meadow.
<i>Linaceae.</i>					
<i>Linum monogynum</i> , Forst. f. ..	Matamatahuia ..	White flax ..	End. ..	„	Coastal cliffs.
<i>Rutaceae.</i>					
<i>Melicope ternata</i> , Forst. ..	Wharangi ..	..	„ ..	N., C. ..	Forest.
<i>Meliaceae.</i>					
<i>Dysoxylum spectabile</i> (Forst. f.), Hook. f. ..	Kohekohe ..	New Zealand cedar ..	„ ..	„	„
<i>Coriariaceae.</i>					
<i>Coriaria ruscifolia</i> , L. ..	Tutu ..	..	S.A. ..	N., C., S.	„
<i>Corynocarpaceae.</i>					
<i>Corynocarpus laevigata</i> , Forst. ..	Karaka ..	New Zealand laurel ..	End. ..	N., C. ..	„
<i>Icacinaeae.</i>					
<i>Pennantia corymbosa</i> , Forst. ..	Kaikomako ..	..	„ ..	N., C., S.	„
<i>Sapindaceae.</i>					
<i>Alectryon excelsum</i> , Gaertn. ..	Titoki ..	New Zealand ash ..	„ ..	N., C. ..	„
<i>Rhamnaceae.</i>					
<i>Discaria toumatou</i> , Raoul ..	Tumatukuru ..	Wild Irishman ..	„ ..	N., C., S.	Coastal, stony
<i>Elæocarpaceae.</i>					
<i>Aristotelia racemosa</i> (A. Cunn.), Hook. f. ..	Makomako ..	Wineberry ..	„ ..	„	Forest.
<i>Violaceae.</i>					
<i>Melicytus ramiflorus</i> , Forst. ..	Mahoe ..	Whitewood ..	Norfolk Is., Pol. ..	„	„
<i>Passifloraceae.</i>					
<i>Tetrapathæ australis</i> , Raoul ..	Akakaimanu ..	New Zealand passion-flower ..	End. ..	N., C. ..	„

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<i>Thymelæaceæ.</i>					
<i>Pimelea lævigata</i> , Gaertn., var.	Creeping pimelea ..	End. ..	N., C., S.	Stony shore.
<i>Myrtaceæ.</i>					
<i>Leptospermum scoparium</i> , Forst.	Manuka	Tea-tree	Aus. ..	..	Heath.
.. .. <i>ericoides</i> , A. Rich.	Kanuka	Tree manuka	End. ..	..	Heath, forest.
<i>Metrosideros florida</i> , Sm.	Aka	Large-leaved climbing rata	.. ..	N., C. ..	Forest.
.. .. <i>hypericifolia</i> , A. Cunn. .. ..	.. ..	White climbing rata	.. ..	N., C., S.	..
.. .. <i>robusta</i> , A. Cunn.	Rata	North Island rata	.. ..	N., C. ..	..
.. .. <i>scandens</i> , Sol.	Aka	Small-leaved climbing rata	.. ..	.. ..	..
<i>Onagraceæ.</i>					
<i>Epilobium pullidiflorum</i> , Sol. .. ..	.. ..	Large white willow-herb	Aus. ..	N., C., S.	Swamp.
.. .. <i>chionanthum</i> , Hausskn. .. ..	.. ..	Pale-leaved willow-herb	End. ..	..	..
.. .. <i>billardierianum</i> , Ser. .. ..	.. ..	Red-stemmed willow-herb	Aus. ..	..	..
.. .. <i>junceum</i> , Sol. .. ..	.. ..	Narrow-leaved willow-herb	.. ..	..	Meadow, heath
.. .. <i>pubens</i> , A. Rich. .. ..	.. ..	Soft-leaved willow-herb	.. ..	..	Rocks in forest
.. .. <i>rotundifolium</i> , Forst. f. .. ..	.. ..	Round-leaved willow-herb	End. ..	..	Forest.
.. .. <i>linnæoides</i> , Hook. f. .. ..	.. ..	Forest willow-herb	.. ..	..	..
.. .. <i>nerterioides</i> , A. Cunn. .. ..	.. ..	Wrinkled willow-herb	.. ..	..	Stony shore and neighbourhood.
.. .. <i>nummularifolium</i> , R. Cunn. .. ..	.. ..	Creeping willow-herb	.. ..	..	Forest.
<i>Halorrhagaceæ.</i>					
<i>Halorrhagis erecta</i> (Murr.), Schind.	Toatoa	Tall haloragis	Aus. ..	..	Coastal heath.
<i>Myriophyllum elatinoides</i> , Gaud. .. ..	.. ..	Common water-milfoil	Aus., S.A.	..	Pond.
<i>Araliaceæ.</i>					
<i>Nothopanax edgerleyi</i> (Hook. f.), Harms.	Raukawa	Edgerley's panax	End. ..	..	Upper forest.
.. .. <i>arboreum</i> (Forst. f.), Seem.	Whauwhaupaku	Ivy-tree .. ..	.. ..	..	Forest.
.. .. <i>anomalum</i> (Hook.), Seem. .. ..	.. ..	Shrubby panax .. ..	.. ..	..	Xerophytic scrub.
<i>Schefflera digitata</i> , Forst.	Pate	Native fig .. ..	.. ..	..	Forest.
<i>Pseudopanax crassifolium</i> (Sol.), C. Koch	Horoeka	Lancewood .. ..	.. ..	..	..
<i>Umbelliferaæ.</i>					
<i>Hydrocotyle novæ-zelandiæ</i> , Hook. f. .. ..	.. ..	New Zealand marsh-pennywort	.. ..	..	Coastal.
.. .. <i>moschata</i> , Forst. f. .. ..	.. ..	.. ..	.. ..	..	Forest.
.. .. <i>americana</i> , L. .. ..	.. ..	American marsh-pennywort	S.A. and North America	..	Coastal heath, forest.
.. .. <i>asiatica</i> , L. .. ..	.. ..	Asiatic marsh-pennywort	Cos. temp. and subtrop.	..	Swamp.
<i>Apium prostratum</i> , Labill. .. ..	.. ..	New Zealand celery	Aus., S.A.	..	Coastal rocks.
<i>Crantzia lineata</i> , Nutt. .. ..	.. ..	Common crantzia .. ..	.. ..	..	Wet ground near coast.
<i>Angelica geniculata</i> (Forst. f.), Hook. f. .. ..	.. ..	Climbing angelica	End. ..	..	Coastal rocks.
<i>Cornaceæ.</i>					
<i>Griselinia littoralis</i> , Raoul	Kapuka	Broadleaf .. ..	.. ..	..	Upper forest.
.. .. <i>lucida</i> , Forst. f.	Puka	Large broadleaf .. ..	.. ..	N., C. ..	Forest.
<i>Epacridaceæ.</i>					
<i>Styphelia fasciculata</i> (Forst. f.), A. Rich.	Mingimingi	Tall bearded heath	.. ..	N., C., S.	Manuka heath.
.. .. <i>frazieri</i> (A. Cunn.) .. ..	.. ..	Dwarf heath	Aus. ..	..	Stony coast.
<i>Myrsinaceæ.</i>					
<i>Rapanea urvillei</i> (D.C.), Mez.	Mapou	Red matipo	End. ..	..	Forest.
.. .. <i>salicina</i> (Hook. f.), Mez.	Toro	Long-leaved matipo	.. ..	N., C. ..	..
<i>Primulaceæ.</i>					
<i>Samolus repens</i> (Forst.), Pers., var. <i>procumbens</i> , R. Knuth. .. ..	.. ..	New Zealand water-pimpernel	Aus., S.A.	N., C., S.	Wet ground near shore.
<i>Oleaceæ.</i>					
<i>Olea montana</i> , Hook. f.	Oro-oro	Narrow-leaved maire	End. ..	N., C. ..	Forest (rare).
<i>Loganiaceæ.</i>					
<i>Geniostoma ligustrifolia</i> , A. Cunn.	Hangehange	New Zealand privet	.. ..	.. ..	Forest (not common).

8. LIST OF THE INDIGENOUS PTERIDOPHYTES AND SPERMATOPHYTES—continued.

Name of Species and Natural Orders.	Maori Name.	English Name.	Distribution.		
			Beyond New Zealand, or Endemic.	Within New Zealand.	On Kapiti.
SPERMATOPHYTES—continued.					
<i>Apocynaceæ.</i>					
<i>Parsonsia heterophylla</i> , A. Cunn.	Kaiku	New Zealand jasmine	End.	N., C., S.	Xerophytic scrub.
<i>Convolvulaceæ.</i>					
<i>Calystegia tuguriorum</i> (Forst. f.), R. Br.	Powhiwhi	Native convolvulus	"	"	Forest.
" <i>soldanella</i> (L.), R. Br.	"	Sand bindweed	Cos. temp.	"	Shore.
<i>Dichondra repens</i> , Forst.	"	Creeping dichondra	Cos. trop. and sub-trop.	"	Peaty ground near shore.
<i>Boraginaceæ.</i>					
<i>Myosotis antarctica</i> , Hook. f.	"	Small-flowered forget-me-not	End.	"	Ditto
<i>Solanaceæ.</i>					
<i>Solanum aviculare</i> , Forst. f.	Poroporo	Common solanum	Aus., Norfolk Is.	"	Forest.
<i>Scrophulariaceæ.</i>					
<i>Veronica salicifolia</i> , Forst. f.	Koromiko	Common veronica	End.	"	Manuka heath, rocks.
<i>Euphrasia cuneata</i> , Forst. f.	Tutumako	Tall eye-bright	"	N., C.	Rocks in forest
<i>Myoporaceæ.</i>					
<i>Myoporum lætum</i> , Forst. f.	Ngaio	"	"	N., C., S.	Coastal forest, forest.
<i>Plantaginaceæ.</i>					
<i>Plantago raoulii</i> , Dene.	"	Common New Zealand plantain	"	"	Meadow, forest
<i>Rubiaceæ.</i>					
<i>Coprosma grandifolia</i> , Hook. f.	Kanono	Large-leaved coprosma	"	N., C.	Forest.
" <i>baueri</i> , Endl.	Naupata	Coastal coprosma	Norfolk Is.	"	Coast rocks and forest.
" <i>robusta</i> , Raoul	Karamu	Glossy coprosma	End.	N., C., S.	Forest.
" <i>areolata</i> , Cheesem.	"	"	"	"	"
" <i>rhamnoides</i> , A. Cunn.	"	Red-fruited coprosma	"	"	Forest, manuka heath.
" (?) <i>propinqua</i> , A. Cunn.	Mingimingi	Common coprosma	"	"	Coastal, on shingle.
<i>Campanulaceæ.</i>					
<i>Lobelia anceps</i> , L. f.	"	Common New Zealand lobelia	"	"	Coastal, on wet banks.
<i>Goodeniaceæ.</i>					
<i>Selliera radicans</i> , Cav.	"	"	Aus., S.A.	"	Wet ground near sea.
<i>Compositæ.</i>					
<i>Lagenophora forsteri</i> , D.C.	Papataniwhaniwha	Native daisy	End.	"	Meadow.
<i>Olearia cunninghamii</i> , Hook. f.	Heketara	Forest daisy-tree	"	N., C.	Forest.
" <i>forsteri</i> , Hook. f.	Akiraho	Forster's daisy-tree	"	N., C., S.	Forest, manuka heath.
" <i>solandri</i> , Hook. f.	"	Coastal daisy-tree	"	N., C.	Coastal heath.
<i>Vittadinia australis</i> , A. Rich.	"	"	Aus.	N., C., S.	Meadow.
<i>Gnaphalium luteo-album</i> , L.	"	White cudweed	Cos. temp. and sub-trop.	"	Coastal rocks, meadow.
" <i>japonicum</i> , Thunb.	"	Japanese cudweed	Aus., Mal., E. Asia	"	Coastal heath, meadow.
" <i>collinum</i> , Lab.	"	Silvery cudweed	Aus.	"	Peaty ground near sea.
<i>Helichrysum filicaule</i> , Hook. f.	"	"	End.	"	Rocks, meadow.
<i>Cassinia leptophylla</i> (Forst. f.), R. Br.	Tauhinu-korokio	Cottonwood	"	N., C.	Coastal heath, rocks.
<i>Cotula coronopifolia</i> , L.	"	Swamp cotula	S. temp. region	N., C., S.	Wet ground near coast.
" <i>australis</i> , Hook. f.	"	"	Aus., Tristan d'Acunha	"	Meadow.
" (?) <i>perpusilla</i> , Hook. f.	"	"	End.	"	Peaty ground near coast.
<i>Erechtites prenanthoides</i> , A. Rich. (D.C.)	"	Common fireweed	Aus.	"	Forest.
<i>Brachyglottis repanda</i> , Forst.	Pukapuka	Wavy-leaved rangiora	End.	N., C.	"
<i>Senecio lautus</i> , Forst. f.	"	Coast groundsel	Aus.	N., C., S.	Coastal rocks.
<i>Taraxacum glabratum</i> (Banks and Sol.), Comb. nov.	"	New Zealand dandelion	End.	"	Rocky ground near coast.
<i>Sonchus littoralis</i> (Kirk), sp. nov. (= <i>S. oleraceus</i> , L., γ <i>littoralis</i> , T. Kirk in Trans. N.Z. Inst., vol. xxvi, p. 265, 1894)	Rauroroa	Rock sow-thistle	"	"	Coastal rocks.

9. PROVISIONAL LIST OF INTRODUCED PLANTS

Gramineæ.

- Anthoxanthum odoratum*, L. (sweet-vernal grass).
Holcus lanatus, L. (Yorkshire fog).
Dactylis glomerata, L. (cocksfoot).
Poa annua, L. (annual meadow-grass).
 „ *pratensis*, L. (common meadow-grass).
Hordeum murinum, L. (barley-grass).

Amaryllidaceæ.

- Narcissus biflorus*, Curt. (twin-flowered narcissus).

Urticaceæ.

- Urtica urens*, L. (small nettle).

Polygonaceæ.

- Polygonum aviculare*, L. (knotweed).
Rumex obtusifolius, L. (common dock).
 „ *crispus*, L. (curled dock).
 „ *acetosella*, L. (sorrel).

Caryophyllaceæ.

- Silene gallica*, L., var. *quinquivulnera* (spotted catchfly).
Cerastium glomeratum, Thuill. (mouse-ear).
Stellaria media, Cyr. (chickweed).
Polycarpon tetraphyllum, L. (allseed).

Ranunculaceæ.

- Ranunculus sardous*, Crantz (hairy buttercup).
 „ *parviflorus*, L. (small-flowered buttercup).

Cruciferae.

- Capsella bursa-pastoris*, Medic. (shepherd's-purse).
 **Coronopus procumbens* (Gilib.) Poir. (wart-cress).
 **Radicula nasturtium-aquaticum* (L.), Britt. and Rend. (common watercress)

Rosaceæ.

- Rubus fruticosus*, L. (common blackberry).

Leguminosæ.

- Medicago maculata*, Willd. (spotted medick).
Trifolium repens, L. (white clover).
Vicia sativa, L. (common vetch).

Geraniaceæ.

- Geranium molle*, L. (dove's-foot, crane's-bill).

Euphorbiaceæ.

- Euphorbia peplus*, L. (milkweed).

Primulaceæ.

- Anagallis arvensis*, L. (pimpernel).

Apocynaceæ.

- Vinca major*, L. (periwinkle).

Labiatae.

- Mentha viridis*, L. (spearmint).
Marrubium vulgare, L. (horehound).

* *C. procumbens* = *Senebiera coronopus*, Poir.; and *Radicula nasturtium-aquaticum* = *Nasturtium officinale*, R. Br. These changes are taken from "List of British Seed Plants and Ferns," Department of Botany, British Museum, London, 1907, and they have been made in accordance with the "International Rules for Botanical Nomenclature," as adopted by the Vienna Congress of 1905.

Scrophulariaceæ.

Veronica arvensis, L. (corn-speedwell).

Plantaginaceæ.

Plantago major, L. (greater plantain).

„ *lanceolata*, L. (ribgrass).

Compositæ.

Erigeron canadensis, L. (Canadian fleabane).

Senecio sylvaticus, L. (wood-groundsel).

„ *mikanioides*, Otto. (climbing-groundsel).

Carduus lanceolatus, L. (common thistle).

Silybum marianum, Gaetn. (milk-thistle).

Hypochæris radicata, L. (cat's-ear).

Taraxacum officinale, Weber. (dandelion).

Sonchus arvensis, L. (sow-thistle).

approximate Cost of Paper.—Preparation, not given; printing (1,850 copies). #24 4s.

By Authority : JOHN MACKAY, Government Printer, Wellington.—1907.

Price 1s.]



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