

LIST OF THE INDIGENOUS PTERIDOPHYTES AND SPERMOPHYTES—*continued*.

Species, Family, &c.	Maori Name.	English Name.	Distribution.			Remarks.
			Beyond New Zealand, or Endemic.	Within New Zealand.	In Stewart Island.	
SPERMOPHYTA—contd.						
RESTIONACEAE.						
<i>Leptocarpus simplex</i> A. Rich.	Oioi	Red rush	End.	N. C. S. Ch.	Swamp	Both in brackish and fresh water, very common; follows course of old strait from head of Paterson Inlet to Mason Bay.
<i>Hypolaena lateriflora</i> Benth.	..	..	Aus.	N. C. S. Ch.	Bogs	Also the var. <i>minor</i> Hook. f., which seems to me not a true variety, but merely a depauperated form. Extremely abundant.
CENTROLEPIDACEAE.						
<i>Gaimardia ciliata</i> Hook. f. ..	..	Bog-pincushion	End.	C. S. Sub.	Bog	Common.
——— var. <i>ligulata</i> * T. Kirk	..	..	End.	S. ..	..	Not mentioned by Cheeseman. Described by Kirk in Trans. N.Z. Inst., vol. xxiii, p. 442, with habitat Stewart Island, near Frazer Peaks.]
<i>Gaimardia setacea</i> Hook. f. ...	..	..	End.	S. ..	Bog.	
JUNCACEAE.						
<i>Juncus pallidus</i> R. Br. ..	..	Giant rush	Aus.	N. C. S.	Wet ground, forest clearings	Very abundant where forest has been cleared, and on the increase.
——— <i>effusus</i> L. ..	..	Common rush	Cos. ..	N. C. S.	Wet ground	Common.
——— <i>bufonius</i> L. ..	..	Toad-rush	Cos. temp.	N. C. S. Ch. Sub.	Wet ground, near settlements.	
——— <i>planifolius</i> R. Br. ..	..	Flat-leaved rush	Aus., S.A.	N. C. S. Ch. Sub.	Wet ground	Fairly common.
——— <i>antarcticus</i> Hook. f.	..	Antarctic rush.	End.	C. S. Sub.	Subalpine meadow, bogs.	
——— <i>lampocarpus</i> Ehr. ..	..	Jointed rush	N. temp. region	N. C. S.	Wet ground, lowland.	I cannot give the exact habitats of the species of <i>Luzula</i> , which I find impossible to identify during rapid work in the field.
——— <i>novae-zelandiae</i> Hook. f.	..	Alpine rush	End.	C. S. ..	Bogs.	
<i>Luzula campestris</i> D. C. var. <i>Petiana</i> Buchen.	..	..	End.	N. C. S. Sub.	..	
——— var. <i>picta</i> (A. Rich.) Hook. f.	..	..	End.	N. C. S.	..	
——— var. <i>australasica</i> Buchen.	..	..	End.	N. C. S. Ch.	..	
——— var. <i>migrata</i> Buchen.	..	..	End.	N. C. S. Ch.	..	
——— var. <i>Banksiana</i> (E. Mey) Buchen.	..	..	End.	C.(?) S.	Rocks	Dog Island, on rocks. (No. 5394, herb, Cockayne) cited by Buchenau in "Pflanzenreich" heft 25 (iv, 36), p. 91.
LILIACEAE.						
<i>Rhipogonum scandens</i> Forst.	Kareao, pirita, kakareo	Supplejack	End.	N. C. S. Ch.	Forests	Very common, but chiefly on sides and bottoms of gullies.
<i>Luzuriaga marginata</i> (Banks and Sol.) Benth. and Hook.	Nohi, puwatawata	Snowberry, forest snowberry	S. A. ..	N. C. S.	Forest	Very abundant. Not found north of the Thames mountains, in the northern province.
<i>Cordylina australis</i> (Forst. f.) Hook. f.	Ti, ti-kauka, ti-rahau, kouka, ti-whanake	Cabbage-tree, palm lily	End.	N. C. S.	Openground, probably swampy	A few plants occur near western end of Freshwater Valley, according to Mr. J. W. Murdoch.
<i>Astelia linearis</i> Hook. f. ..	..	Dwarf astelia	End.	C. S. Sub.	Bog; subalpine meadow	Very common from sea-level to summit of highest mountains.
——— <i>subulata</i> (Hook. f.) Cheesem.	..	Sharp-leaved creeping astelia	End.	S. Sub.	Bog	Rare; open ground near base of Frazer Peaks.
——— <i>nervosa</i> Banks and Sol.	Kakaha	Bush-flax	End.	N. C. S. Ch.(?)	Forest	I am not sure that the Chatham Island plant is identical with this species. Common.
——— <i>montana</i> (Kirk) Cockayne	..	Alpine bush-flax	End.	C. S. ..	Subalpine scrub, subalpine meadow	Common; frequently forms large patches to exclusion of all else.
<i>Phormium tenax</i> Forst. ..	Harakeke, korari = the flower-stem	New Zealand flax	Norf. Isld.	N. C. S. Ch.	Swamp	Common in low-lying open ground, but not everywhere.
——— <i>Cookianum</i> Le Jolis	Wharariki	Hill-flax, mountain-flax	End.	N. C. S.	Coastal rocks, subalpine meadow	Common on coastal rocks of Port Pegasus, but not noted in Paterson Inlet.
<i>Bulbinella Gibbsii</i> * Cockayne	..	..	End.	S. ..	Bog, subalpine meadow	Near sea-level, open ground, Port Pegasus; reaches almost to summit of Mount Anglem. Common.
<i>Herpolirion novae-zelandiae</i> Hook. f.	..	..	Aus.	C. S. ..	Bog	Very common in many parts of valley of Freshwater River.