

B. LIST OF THE INDIGENOUS PTERIDOPHYTES AND SPERMOPHYTES.

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. Ch. = Chatham Islands botanical province. Sub. = New Zealand subantarctic islands botanical province. Ker. = Kermadec Islands botanical province. 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. An asterisk attached to a species = endemic Stewart Island botanical district.

LIST OF THE INDIGENOUS PTERIDOPHYTES AND SPERMOPHYTES.

Species, Family, &c.	Maori Name.	English Name.	Distribution.			Remarks.
			Beyond New Zealand, or Endemic.	Within New Zealand.	In Stewart Island.	
PTERIDOPHYTA.						
HYMENOPHYLLACEAE.						
<i>Trichomanes reniforme</i> Forst.f.	Raurenga, kopakopa, kakakopamutu	Kidney-fern ..	End. ..	N. C. S. Ch.	Forest ..	Quite a rare plant. Kaipipi (Murdoch), Paterson Inlet and Half-moon Bay (Walker ex Kirk).
—— <i>Lyallii</i> (Hook. f.) Hook.	..	Lyall's bristle-fern	New Cal.	N. C. S.	Forest, subalpine scrub	On inclined trunks of <i>Metrosideros lucida</i> , Mount Anglem, 1,500-2,200 ft. (Kirk, 56, p. 230). I have seen an authentic specimen.
—— <i>venosum</i> R. Br. ..	..	Veined bristle-fern	Aus. ..	Ker. N. C. S. Ch.	Forest ..	Abundant on trunks of <i>Dicksonia squarrosa</i> .
—— <i>strictum</i> Menzies ..	..	Stiff bristle-fern	End. ..	N. C. S.	Forest ..	Rare in damp gullies. Ulva, Kirk ! forest north of Paterson Inlet, L.C.
<i>Hymenophyllum rarum</i> R. Br.	..	Thin-leaved filmy fern	Aus. ..	N. C. S. Ch. Sub.	Forest ..	Forests, but quite rare.
—— <i>sanguinolentum</i> (Forst. f.) Sw.	..	Scented filmy fern	End. ..	N. C. S. Sub.	Forest, subalpine scrub	Very common. Kirk, 56; p. 230, calls attention to variation in this species.
—— <i>villosum</i> Col. ..	..	Alpine filmy fern	End. ..	N. C. S. Sub.	Subalpine rocks	In the northern province only on Thames mountains.
—— <i>australe</i> Willd. ..	..	Crisped filmy fern	Aus., Mal., India	N. C. S. Sub.	Forest ..	Very rare.
—— <i>pulcherrimum</i> Col. ..	..	Tufted filmy fern	End. ..	N. C. S.	Forest ..	Very rare; recorded by Kirk, but not observed by me. Northern province only on Thames mountains.
—— <i>dilatatum</i> (Forst. f.) Sw.	Irirangi, matua-mauku	Broad-leaved filmy fern	Aus., Mal., Pol.	N. C. S. Ch. Sub.	Forest ..	Extremely common, especially on logs and leaning trunks.
—— <i>demissum</i> (Forst. f.) Sw.	Irirangi, pipiripi	Drooping filmy fern	Mal., Pol.	N. C. S. Ch. Sub. Ker.	Forest. ..	Common.
—— <i>flabellatum</i> Lab. ..	..	Fan-leaved filmy fern	Aus., Pol.	N. C. S. Ch. Sub.	Forest ..	Common on tree-trunks and stems of tree-ferns.
—— <i>rufescens</i> T. Kirk ..	..	Reddish filmy fern	End. ..	N. C. S. Sub.	Upper forest	Recorded by Kirk for Rakiahua, where also I found it in abundance. At base of <i>Metrosideros lucida</i> , Pryce's Peak; L. C. This fern is very close to <i>H. flabellatum</i> , to which species it might perhaps be referred.
—— <i>terregrineum</i> Colla. ..	..	Rusty filmy fern	S.A. ..	N. C. S.	Forest ..	Very abundant, especially on trunks of tree-ferns in moist gullies.
—— <i>Cheesemanii</i> Bak. ..	..	Cheeseman's filmy fern	End. ..	N. C. S.	Subalpine scrub	Rare.
—— <i>minimum</i> A. Rich. . .	..	Little filmy fern	End. ..	C.(?) S. Ch. Sub.	Rocks and trees near the shore	Not common.
—— <i>tunbridgense</i> (L.) Sm.	..	Tunbridge fern	Aus., S.A., Europe, S. Africa, Jamaica	N. C. S. Sub.	Forest ..	Common.
—— <i>peltatum</i> (Poir.) Desv.	..	One-sided fern	Aus., S.A., Europe, S. Africa	N. C. S.	Forest ..	Only on Thames mountains, of northern province. Noted only by Kirk. Have seen authentic specimen.
—— <i>multifidum</i> (Forst. f.) Sw.	..	Sharp-toothed filmy fern	Aus., Mal., Pol., Norf. Isld.	N. C. S. Ch. Sub.	Forest, subalpine scrub	Common.
—— <i>bivalve</i> (Forst. f.) Sw.	..	Two-valved filmy fern	Aus. ..	N. C. S. Ch.	Forest ..	Common.
CYATHEACEAE.						
<i>Dicksonia squarrosa</i> (Forst. f.) Sw.	Wheki, weki, tirawa	Slender tree-fern	End. ..	N. C. S. Ch.	Forest ..	Extremely common, especially in gullies.
<i>Cyathea medullaris</i> (Forst. f.) Sw.	Mamaku, korau	Black tree-fern. .	Aus. ..	N. C. S. Ch.	Forest ..	Only found on east coast, near Half-moon Bay.
<i>Hemitelia Smithii</i> (Hook. f.) Hook	Neineikura ..	Pale-leaved tree-fern	End. ..	N. C. S. Sub.	Forest ..	Common.
<i>Alsophila Colensoi</i> Hook. f. . .	..	Mountain tree-fern	End. ..	C. S. . .	Forest ..	Mount Anglem, Kirk; base of Table Hill and Thomson Range, L. C.