

**Vascular plants on peat bog, Oru Rd, Rawhitiroa, Eltham ("Ngaere Swamp")  
with notes on Cheeseman's collections in Ngaere Swamp in 1885.**

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21 October 1994; C & R Ogle, M Menzies 26 December 1994; C Ogle, J Barkla,  
M. Menzies, M. Cook, I and S Craig, 18 January 1995.

**WANGANUI PLANT LIST NO. 79**

Last updated 9 Feb 2000

**Abundance ratings:**

The following ratings apply to the strips of wetland vegetation along six parallel drains in one paddock, plus some areas of manuka scrub between the drains. Rough pasture is the main vegetation of the whole paddock.

*	=	adventive species
a	=	abundant
c	=	common
o	=	occasional
u	=	uncommon
l	=	local

Dicot shrubs and lianes

* Acer pseudoplatanus	sycamore	(1 seedling)
Coprosma tenuicaulis	swamp coprosma	o
Leptospermum scoparium	manuka	a
Muehlenbeckia australis	pohuehue	u
* Rubus fruticosus agg.	blackberry	c
* Salix cinerea	grey willow	o
* Ulex europaeus	gorse	a

Dicot Herbs

* Acaena novae-zelandiae	bidibidi	u
* Centaurium erythraea	centaury	o
Centella uniflora		o
* Cerastium fontanum	mouse-ear chickweed	u
Drosera binata	forked sundew	c
* Duchesnea indica	Indian strawberry	a
Gnaphalium limosum	NZ cudweed	u
Gonocarpus micranthus		c
Hydrocotyle pterocarpa		u
Hypericum japonicum		o
* Hypochoeris radicata	catsear	c
* Leontodon taraxacoides	hawkbit	c
* Lotus pedunculatus	lotus major	o
* Parentucellia viscosa	tar-weed	u
* Prunella vulgaris	creeping buttercup	(1 patch)
Utricularia novae-zelandiae	bladderwort	(2 patches)

## Monocot herbs

### Orchids

Caladenia sp.(unidentified)		u
Genoplesium nudum		u
Microtis unifolia	onion-leaved orchid	o
Prasophyllum colensoi	leek orchid	u
Pterostylis micromega <sup>1</sup>	swamp hood orchid	
Thelymitra formosa	blue sun orchid	
T. longifolia	white sun orchid	u
T. pauciflora	blue sun orchid	

### Sedges

Baumea rubiginosa		c
B. tenax		c
B. teretifolia		lc
* Carex demissa		a
C. echinata		(1 plant)
* C. ovalis		(2 plants)
C. virgata		(3 plants)
Eleocharis gracilis	slender spike sedge	a
Isolepis reticularis		u
Schoenus maschalinus		c

### Grasses

* Agrostis capillaris	browntop	c
* Anthoxanthum odoratum	sweet vernal	a
* Festuca arundinacea	tall fescue	lc
* Holcus lanatus	Yorkshire fog	c
* Poa annua	annual poa	u
Rytidosperma gracile		c

### Rushes

* Juncus articulatus	jointed-leaved rush	a
* J. bufonius	toad rush	a
* J. effusus	soft rush	o
J. gregiflorus		u
J. pallidus		o
J. planifolius		c
J. prismatocarpus		u
* Luzula congesta	wood rush	o

### Monocot herbs other than orchids, sedges, grasses and sedges

Potamogeton cheesemanii	pondweed	(1 patch)
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### Ferns

Blechnum discolor	crown fern	(1 juvenile)
B. fluviatile		u
B. minus (of NZ authors)	swamp kiokio	c
B. novae-zelandiae	kio kio	o

Cyathea dealbata	ponga	(1 juvenile)
Dicksonia squarrosa	wheki	u (juveniles only)
Gleichenia dicarpa	tangle fern	a
G. microphylla	tangle fern	lc
Histiopteris incisa	water fern	u
Paesia scaberula	ring fern	o

**Total of indigenous species = 42**

1. This species was recorded in the Oru Rd wetland by JB Irwin and O.Gibson on 21 December 1948 (J.B.I., pers.comm.)

**SPECIES LISTED/COLLECTED BY THOMAS CHEESEMAN FROM NGAERE SWAMP**

Cheeseman's unpublished notebooks in the Auckland Institute and Museum contain an account of his visit to "Ngaere Swamp" on 16 January 1885. His subsequent "Manual of the New Zealand Flora (1906,1925) cited Ngaere Swamp as a location for five species, of which one (Gratiola nana) is credited to Thomas Kirk. Cheeseman's herbarium specimens are in the Auckland Institute and Museum (AK).

In addition to the following, there is a Cheeseman specimen of Amphibromus fluitans (WELT 68452) labelled "swamps near Mt Egmont. Jan 1885". Cheeseman's notebook account of his visit to Ngaere Swamp makes no mention of this species or any other indigenous grass.

CURRENT NAME	1885 NOTEBOOK	1925 "MANUAL"	CHEESEMAN SPECIMENS (JAN 1885)	ORU RD BOG 1994
<b><u>Dicot Shrub</u></b> Coprosma tenuicaulis Leptospermum scoparium	Coprosma sp "same as Mercer sp.) Leptospermum scoparium		AK 8793 (no date)	x x
<b><u>Dicot herbs</u></b> Drosera binata Gratiola nana Utricularia novae-zelandiae	Drosera binata  Utricularia novae-zelandiae	(credit T Kirk)[WELT 59475]	AK 4529  AK 8622	x  x
<b><u>Monocot herbs</u></b> Baumea tenax Baumea teretifolia Carex echinata Gahnia xanthocarpa Prasophyllum patens Pterostylis micromega Schoenus carsei Schoenus maschalinus Schoenus brevifolius(?) Spiranthes sinensis Thelymitra cyanea Thelymitra longifolia Thelymitra formosa	Cladium Gunnii Cladium teretifolium  Gahnia ebenocarpa Prasophyllum Colensoi Pterostylis foliata ? Schoenus tenuis Schoenus axillaris Schoenus tendo Spiranthes "miniature specimen"  Thelymitra "very tall & slender, with small bluish flowers"	Prasophyllum patens Pterostylis micromega Schoenus carsei  Thelymitra venosa	AK 2556  AK 200473 (and 4 others) AK 3511 (and 2 others) AK 2187  AK 3437	x x x  *  x  x x
<b><u>Fern</u></b> Gleichenia dicarpa	Gleichenia dicarpa			x

\* Seen here 1948 (JB Irwin, pers.comm.)