

VASCULAR PLANTS OF BLACK-BEECH FOREST, WAINUIORU V., S.E. OF CARTERTON

GRID REF. N 162 260395, ALT. 800 FT
(Based on visits 1966 and 1969)

A. P. Druce - February 1969 (revised June 1974

June 1975
June 1976
May 1977
June 1980
July 1985
Aug 1990

TREES

- *Alectryon excelsus var. excelsus titoki
- Aristotelia serrata wineberry, makomako
- Carpodetus serratus putaputaweta
- *Cordyline australis cabbage tree
- *Dacrycarpus dacrydioides kahikatea
- *Dacrydium cupressinum rimu
- *Elaeocarpus dentatus (incl. E.d. var. obovatus) hinau
- *E. hookerianus pokaka
- *Fuchsia excorticata fuchsia
- *Hedycarya arborea pigeonwood
- Hoheria populnea var lanceolata (H. sexstylosa) lacebark
- Knightsia excelsa
- Meliccytus ramiflorus ssp. ramiflorus mahoe
- *Myrsine australis mapou, red matipo
- M. salicina toro
- Nestegis cunninghamii black mairi
- *N. lanceolata white mairi
- *N. montana narrow-leaved mairi
- Nothofagus solandri var. solandri black beech
- Olearia rani var. colorata heketara
- *Pennantia carymbosa kaikomako
- Pittosporum eugenioides tarata, lemonwood
- *P. tenuifolium ssp. tenuifolium kohuhu, black matipo
- *Podocarpus totara s.s. totara
- *Prumnopitys ferruginea miro
- *P. taxifolia matai

* uncommon

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<i>Pseudopanax arboreus</i>	five-finger
<i>P. crassifolius</i>	lancewood
<i>P. edgerleyi</i>	
SHRUBS	
<i>Brachyglottis repanda</i> ss.	rangiora
* <i>Cassinia leptophylla</i> var. <i>leptophylla</i> .	tauhinu
* <i>Coprosma areolata</i>	coprosma
* <i>C. crassifolia</i>	"
* <i>C. grandifolia</i>	" , tauhekau
* <i>C. linariifolia</i>	"
* <i>C. lucida</i> ss.	" , shiny karamu
<i>C. microcarpa</i>	"
* <i>C. propinqua</i> ssp. <i>propinqua</i> (incl. <i>C. p.</i> var. <i>latiuscula</i>)	"
<i>C. rhamnoides</i> ssp. <i>rhamnoides</i> (incl. <i>C. polymorpha</i>)	"
* <i>C. rigida</i>	"
* <i>C. robusta</i>	" , karamu
* <i>C. r.</i> x <i>C. propinqua</i>	"
<i>C. rotundifolia</i>	"
<i>Coriaria arborea</i>	tutu
<i>Cyathodes juniperina</i> var. (lvs small, vs. < 1cm X < 1mm)	prickly mingimingi
* <i>Gaultheria antipoda</i>	
* <i>Hebe stricta</i> var. <i>atkinsonii</i>	koromiko
* <i>Giselinia lucida</i>	
<i>Kunzea ericoides</i> var.	kanuka
<i>Leptospermum scoparium</i> var.	manuka
<i>Leucopogon fasciculatus</i>	mingimingi
* <i>Lophomyrtus obcordata</i>	rohutu
* <i>Melicope simplex</i>	
* <i>Melicytus micranthus</i> (incl. <i>M. c.</i> var. <i>microphyllus</i>)	small-leaved mahoe
* <i>Pittosporum divaricatum</i>	small-leaved matipo
<i>Pseudopanax anomalus</i>	small-leaved haumakaroa
* <i>Pseudowintera axillaris</i>	horopito, pepper tree
<i>P. colorata</i>	mountain horopito, pepper tree

LIANES (CLIMBERS)

<i>Calystegia fuguricrum</i>	
* <i>Clematis foetida</i>	yellow clematis
<i>C. paniculata</i>	white clematis
<i>Metrosideros diffusa</i>	white climbing rata
* <i>M. colensoi</i> (incl. <i>M. c. var. pendens</i>)	" " "
<i>Muehlenbeckia australis</i>	pohuehue
<i>Parsonia capsularis</i> var.	
<i>Parsonia heterophylla</i>	parsonia
* <i>Ripogonum scandens</i>	supplejack
<i>Rubus cissoides</i> var. <i>cissoides</i>	bush lawyer
* <i>R. australis</i>	
* <i>R. schmidelioides</i> var. <i>schmidelioides</i>	white lawyer

FERNS AND FERMESIPTERIS

* <i>Adiantum cunninghamii</i>	maidenhair
<i>Asplenium bulbiferum</i> agg.	spleenwort
<i>A. flabellifolium</i>	necklace fern
<i>A. flaccidum</i>	spleenwort
* <i>A. hookerianum</i>	"
* <i>A. oblongifolium</i>	"
* <i>A. polyodon</i>	"
* <i>A. bulbiferum</i> X <i>A. hookerianum</i>	
<i>Blechnum</i> sp. (unnamed) (common lowland sp.) (lower pinnae reduced in length)	common blechnum
<i>B. discolor</i>	crown fern
<i>B. fluviatile</i> agg.	
<i>B. chambersii</i>	
<i>B. penna-marina</i>	
<i>Cyathea dealbata</i>	silver tree-fern, ponga
<i>C. medullaris</i>	black tree-fern, mamaku
<i>C. smithii</i>	soft tree-fern
<i>Dicksonia squarrosa</i>	weki (tree-fern)
<i>Grammitis billardierei</i>	
<i>Histiopteris incisa</i>	water fern
<i>Hymenophyllum cupressiforme</i>	filmy fern
<i>H. densissum</i>	" "
<i>H. flabellatum</i>	" "
<i>H. multifidum</i>	" "

*H. sanguinolentum agg.	filmy fern
*H. scabrum	" "
Hypolepis ambigua	
*H. rufobarbata	
Leptopteris hymenophylloides	
Phymatosorus diversifolius	hound's tongue
Paesia scaberula	scented fern
*Pellaea rotundifolia	
Pneumatopteris pennigera	
Polystichum richardii	
P. silvaticum	
Pteridium esculentum	bracken
Pyrrosia elegnifolia	
Tmesipteris sp.	
*Trichomanes venosum	filmy fern
ORCHIDS	
Caladenia catenata	
*Corybas macranthus	spider orchid
C. tilobus ss.	" "
Earina mucronata ss.	earina
Pterostylis banksii	green-hood orchid
Thelymitra longifolia	sun orchid
GRASSES	
*Cortaderia fulvida	toetoe
Deyeuxia avenoides (incl. D. a. var. brachyantha)	
Dichelachne crinita	plume grass
*Echinopogon ovatus	hedge-hog grass

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<i>Microlaena avenacea</i>	bush rice-grass
<i>M. stipoides</i>	rice-grass
→ <i>Rytidosperma clavatum</i>	danthonia
<i>R. gracile</i>	"
↳ <i>Poa anceps</i> ssp. <i>anceps</i>	

RUSHES

<i>Juncus australis</i>	
<i>J. gregiflorus</i>	
<i>J. pallidus</i>	
<i>J. sarophorus</i>	
<i>Luzula picta</i> s.s.	wood-rush

SEDGES

<i>Carex dissita</i> s.s.	
* <i>C. forsteri</i>	
* <i>C. lambertiana</i>	
<i>C. secta</i> s.s.	nigger-head
<i>C. solandri</i>	
<i>C. virgata</i>	
→ <i>C. sp. (cf. C. geminata)</i>	
↳ <i>Schoenus maschalinus</i>	
↳ <i>Isolepis reticularis</i>	
<i>Uncinia banksii</i>	hook-grass
<i>U. ferruginea</i>	" "
<i>U. rupestris</i> (incl. <i>U. angustifolia</i>)	" "
<i>U. scabra</i>	" "
<i>U. uncinata</i>	" "

HERBS

* <i>Acaena anserinifolia</i>	piripiri, bidibid
* <i>Anaphalis</i> sp. (<i>Helichrysum bellidifolium</i> ss)	
* <i>Arthropodium candidum</i>	native lily
<i>Astelia fragrans</i>	astelia, asteliad
<i>Callitriche</i> sp. (unidentified)	starwort
<i>Cardamine</i> sp. (<i>C. debilis</i> agg.) ("Narrow Petal" of Pritchard 1957)	native cress
<i>Centella uniflora</i>	centella
* <i>Dianella nigra</i>	dianella
<i>Dichondra</i> sp.	Mercury Bay weed
* <i>Epilobium pedunculare</i> agg.	willow herb
* <i>E. rotundifolium</i>	" "
* <i>Geranium microphyllum</i>	geranium
<i>Gnaphalium auctax</i>	cudweed
<i>G. gymnocephalum</i>	"
* <i>Pseudognaphalium</i> sp. (unnamed; aff. <i>P. luteoalbum</i>)	"
<i>Hydrocotyle elongata</i>	pennywort
<i>H. heteromeria</i>	"
<i>H. moschata</i>	"
<i>Lagenifera strangulata</i>	native daisy
<i>L. pumila</i>	" "
<i>Nertera depressa</i> (incl. <i>N. cunning-</i> <i>hamii</i>)	nertera
* <i>Phormium tenax</i>	swamp flax
<i>Plantago raoulii</i> var. (lvs narrowly elliptic)	plantain
<i>Ranunculus reflexus</i>	buttercup
* <i>Senecio minimus</i>	fireweed
<i>Stellaria decipiens</i> (incl. <i>S. parviflora</i>)	native chickweed
* <i>Urtica incisa</i>	stinging nettle

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ADVENTIVE PLANTS (WEEDS) (IN FOREST ONLY)

* <i>Acaena novae-zelandiae</i>	browntop
<i>Agrostis capillaris</i>	
<i>Anthoxanthum odoratum</i>	sweet vernal
* <i>Berberis vulgaris</i>	barberry
<i>Carex silvatica</i>	wood sedge
<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	mouse-eared chickweed
<i>Cirsium vulgare</i>	Scotch thistle
<i>Dactylis glomerata</i>	cocksfoot
<i>Elymus rectisetus</i> s.s.	
<i>Holcus lanatus</i>	Yorkshire fog
<i>Hypochoeris radicata</i>	catsear
* <i>Juncus effusus</i>	rush
<i>Mycelis muralis</i>	ivy-leaved lettuce
<i>Prunella vulgaris</i>	selfheal
<i>Ranunculus repens</i>	buttercup
<i>Rytidosperma racemosum</i>	dianthonia
* <i>Sambucus nigra</i>	elder
<i>Senecio jacobaea</i>	ragwort
* <i>Solanum</i> sp. (unidentified)	nightshade
<i>Trifolium repens</i>	white clover
* <i>Veronica serpyllifolia</i>	speedwell
* <i>Wahlenbergia marginata</i>	blue harebell

No. of indigenous spp. : 169.

No. of adventive spp. : 22.

