

HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING
PLANTS) OF OPARARA BASIN, N.W. NELSON

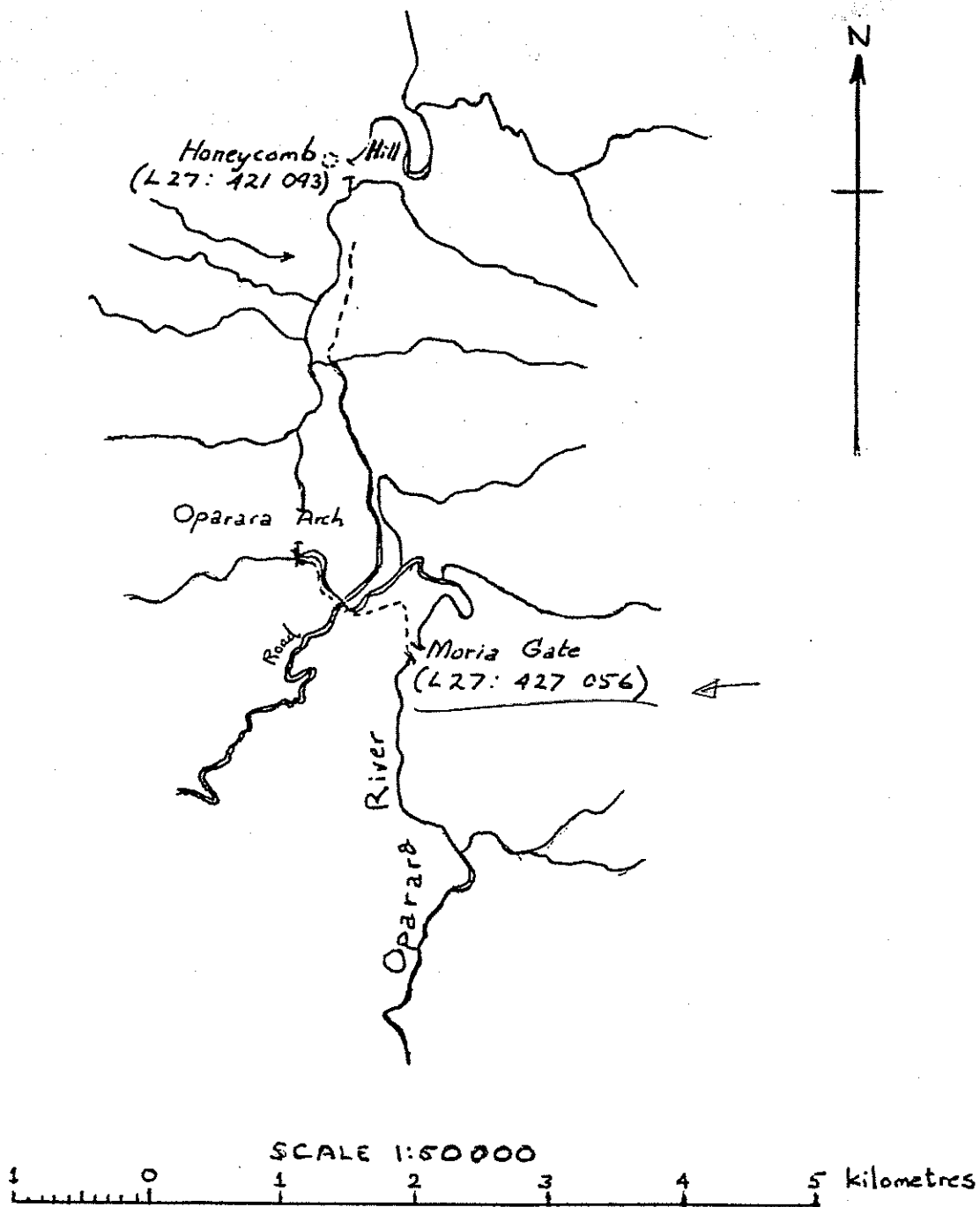
200-320 m

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members of the Wellington Botanical Society

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PART OF NORTH WEST NELSON FOREST PARK



(Sketched from NZMS 260 : L27)

INDIGENOUS PLANTS

- a plant widespread and abundant
 m many plants seen
 + plant uncommon or local

GYMNOSPERM TREES (6)

Dacrycarpus dacrydioides	m
Dacrydium cupressinum	m
Phyllocladus sp. (aff. P. alpinus)	+
Podocarpus hallii	+
Prunmopitys ferruginea	m
P. taxifolia	+

DICOT AND MONOCOT TREES
AND SHRUBS (53)

Alseuosmia macrophylla	+
Aristolelia serrata	m
Ascarina lucida	+
Brachyglottis hectorii	+
Carmichaelia arborea var. (C. angustata)	+
Carpodetus serratus	a
Coprosma ciliata ssp. ciliata	+
C. colensoi s.s.	+
C. grandifolia	a
C. linariifolia	+
C. lucida s.s.	+
C. propinqua ssp. propinqua	m
C. rhamnoides (incl. C. polymorpha)	a
C. rotundifolia	a
C. rugosa ssp. rugosa	m
"C. tayloriae"	+
C. tenuicaulis	+

C. propinqua x C. robusta	m
Cordyline banksii	a
Coriaria arborea	m
Dracophyllum traversii	+
Elaeocarpus hookerianus	+
Fuchsia excorticata	a
Gaultheria rupestris	m
Griselinia littoralis	a
Hebe gracillima	m
H. salicifolia var. salicifolia	a
Hedycarya arborea	+
Hoheria populnea var. ovata	m
Leptospermum scoparium	+
Leucopogon fasciculatus var.	m
Melicytus ramiflorus ssp. ramifl.	a
Metrosideros umbellata	m
Myrsine australis	m
M. divaricata s.s.	+
M. salicina	a
Neomyrtus pedunculata	a
Nothofagus fusca	a
N. menziesii	a
N. truncata	m
Olearia arborescens	+
Pennantia corymbosa	a
Pittosporum tenuifolium	+
Pseudopanax anomalus	m
P. crassifolius	+
P. edgerleyi	+
P. macintyreii	m
P. simplex	+
"P. ternatus"	m

<i>Pseudowintera colorata</i>	a
<i>Quintinia serrata</i>	a
<i>Schefflera digitata</i>	a
<i>Urtica ferox</i>	+
<i>Weinmannia racemosa</i> var. <i>racem.</i>	a

LIANES (10)

<i>Clematis paniculata</i>	+
<i>Metrosideros colensoi</i>	a
<i>M. diffusa</i>	a
<i>M. fulgens</i>	+
<i>Muehlenbeckia australis</i>	m
<i>Parsonsia</i> sp.	+
<i>Ripogonum scandens</i>	+
<i>Rubus australis</i>	m
<i>R. cissoides</i> var.	m
<i>R. schmidelioides</i> var.	m

PSILOPSIDS, LYCOPODS AND
FERNS (51)

<i>Adiantum cunninghamii</i>	m
<i>Asplenium bulbiferum</i>	m
<i>A. flaccidum</i>	a
<i>A. oblongifolium</i>	m
<i>A. polyodon</i>	m
<i>Blechnum chambersii</i>	m
<i>B. colensoi</i>	m
<i>B. discolor</i>	a
<i>B. fluviatile</i> agg.	m
<i>B. minus</i>	+
<i>B. nigrum</i>	+
<i>B. procerum</i>	a
<i>B. vulcanicum</i>	+
<i>B. sp.</i> (common lowland sp.)	a
<i>A. sp.</i> (unnamed)	

<i>Ctenopteris heterophylla</i>	+
<i>Cyathea colensoi</i>	+
<i>C. medullaris</i>	+
<i>C. smithii</i>	a
<i>Dicksonia squarrosa</i>	m
<i>Grammitis pseudociliata</i>	+
<i>Histiopteris incisa</i>	a
<i>Hymenophyllum bivalve</i>	+
<i>H. demissum</i>	m
<i>H. dilatatum</i>	+
<i>H. ferrugineum</i>	m
<i>H. flabellatum</i>	m
<i>H. flexuosum</i>	+
<i>H. lyallii</i>	m
<i>H. multifidum</i>	m
<i>H. pulcherrimum</i>	+
<i>H. rarum</i>	m
<i>H. revolutum</i>	m
<i>H. rufescens</i>	+
<i>H. scabrum</i>	+
<i>Hypolepis rufobarbata</i>	m
<i>Lastreopsis hispida</i>	+
<i>Leptolepia novaezealandiae</i>	+
<i>Leptopteris superba</i>	m
<i>L. superba</i> x <i>L.</i> <i>hymenophylloides</i>	+
<i>Lindsaea trichomanoides</i>	+
<i>Lycopodium volubile</i>	m
<i>Paesia scaberula</i>	a
<i>Phymatosorus pustulatus</i>	m
<i>Pneumatopteris pennigera</i>	m
<i>Polystichum silvaticum</i>	+
<i>P. vestitum</i>	a
<i>Sticherus cunninghamii</i>	+
<i>Tmesipteris elongata</i>	+
<i>T. tannensis</i>	m
<i>Trichomanes raniforme</i>	m
<i>T. strictum</i>	+
<i>T. venosum</i>	m

GRASSES (5)

<i>Chionochloa conspicua</i> <i>ssp. conspic.</i>	m
<i>Microlaena avenacea</i>	a
<i>Poa anceps</i> subsp. <i>anceps</i>	m
<i>P. matthewsii</i>	+
<i>Rhytidosperma gracile</i>	m

RUSHES (4)

<i>Juncus gregiflorus</i>	+
<i>J. planifolius</i>	+
<i>J. sarophorus</i> (?)	m
" <i>Luzula limosa</i> "	+

SEDGES (13)

<i>Carex dissita</i> <i>s.s.</i>	+
<i>C. forsteri</i>	m
<i>C. geminata</i>	m
<i>C. secta</i> <i>s.s.</i>	+
<i>C. solandri</i>	+
<i>C. virgata</i>	+
<i>Gahnia setifolia</i>	+
<i>Isolepis pottsii</i>	m
<i>I. prolifer</i>	+
<i>Uncinia ferruginea</i>	m
<i>U. gracilentata</i>	m
<i>U. uncinata</i>	m
<i>U. zotovii</i>	m

MONOCOT HERBS OTHER THAN

GRASSES, RUSHES AND SEDGES (18)

<i>Astelia fragrans</i>	a
<i>A. sp.</i> (aff. <i>A. nervosa</i>)	m
<i>Chiloglottis cornuta</i>	+
<i>Collospermum hastatum</i>	+
<i>Corybas rivularis</i> <i>s.s.</i>	+
<i>Dendrobium cunninghamii</i>	m
<i>Dianella nigra</i>	+

<i>Earina autumnalis</i>	m
<i>E. mucronata</i> <i>s.s.</i>	+
<i>Gastrodia cunninghamii</i>	+
<i>Libertia peregrinans</i>	+
<i>L. pulchella</i>	m
<i>Luzuriaga parviflora</i>	m
<i>Phormium cookianum</i>	+
<i>Potamogeton suboblongus</i>	+
<i>Pterostylis banksii</i>	+
<i>Thelymitra hatchii</i>	+
<i>T. pulchella</i>	+

DICOT HERBS (32)

<i>Acaena anserinifolia</i>	m
<i>Anaphalis katiensis</i> <i>s.s.</i>	m
<i>Cardamine</i> sp. ("Glossy Leaf")	+
<i>C. sp.</i> ("Long Style")	a
<i>Centella uniflora</i>	+
	m
<i>Epilobium rotundifolium</i>	m
<i>Gnaphalium gymnocephalum</i>	+
<i>G. ruahinicum</i>	+
<i>G. sp.</i> ("aff. <i>limosum</i> ")	+
<i>Gunnera monoica</i>	m
<i>A. sp.</i> (<i>Helichrysum bellidioides</i> <i>s.s.</i>)	+
<i>A. sp.</i> X <i>A. katiensis</i>	+
<i>Hydrocotyle elongata</i>	+
<i>H. heteromeria</i>	+
<i>H. microphylla</i>	+
<i>H. moschata</i>	m
<i>Jovellana repens</i>	+
<i>Lagenifera pumila</i>	m
<i>Nertera depressa</i>	m
<i>N. sp.</i> ("forest")	a
<i>Ourisia lactea</i> subsp. <i>lactea</i>	+
<i>O. colensoi</i>	+
" <i>Lepidella medianca</i> "	m

Oxalis megallica	m
Pratia angulata agg.	m
Pseudognaphalium sp. (unnamed; aff. P. luteoalbum)	m
Ranunculus amphitrichus	+
R. membranifolius	m
R. reflexus	m
Senecio minimus	a
Stellaria decipiens	+
Urtica incisa	+
Viola filicaulis	m

ADVENTIVE PLANTS (in forest only)

Juncus effusus	m
Mycelis muralis	a
Myriophyllum sp.	+
Prunella vulgaris	+

No. of indigenous spp: 193

No of adventive spp. : 4

