

(173)
VASCULAR PLANTS IN THE VICINITY OF SIXTUS LODGE[†]
(CONE CK), WESTERN FOOT OF RUAHINE RA., 1700-2000 FT*

[†]GHid ref. N140 47-80-

* 500-600 m

A.P. Druce, Botany Division, D.S.I.R., May 1978 (revised
(based on visit April 1978)

June 1979
Nov 1979
May 1980
Dec 1981
Oct. 1983
July 1984
Oct. 1988
July 1990)

INDIGENOUS PLANTS

GYMNOSPERM TREES

| | |
|---------------------------------|-----------------------|
| <i>Dactycarpus dactydioides</i> | kahikatea, white pine |
| <i>Dactydium cupressinum</i> | timu |
| <i>Podocarpus hallii</i> | Hall's totara |
| <i>P. totara</i> ss. | totara |
| <i>Prumnopitys ferruginia</i> | mito |
| <i>P. taxifolia</i> | matai |

MONOCOT TREES AND SHRUBS

| | |
|----------------------------|--------------|
| <i>Cordyline australis</i> | cabbage tree |
| <i>C. banksii</i> | |

DICOT TREES

| | |
|---|---------------------|
| <i>Aristotelia serrata</i> | wineberry, makomako |
| <i>Baileyniemia tawa</i> | tawa |
| <i>Carpodetus serratus</i> | puta putawela |
| <i>Elaeocarpus dentatus</i> (incl. E.d. var. obovatus) | hinau |
| <i>E. hookerianus</i> | pekaka |
| <i>Fuchsia excorticata</i> | fuchsia |
| <i>Griselinia littoralis</i> | breadleaf |
| <i>Hobertia populnea</i> var. <i>laucelata</i> | lacebark |

| | |
|---|-------------------|
| <i>Knightsia excelsa</i> | tewatewa |
| <i>Meliccytus ramiflorus</i> ssp. <i>ramiflorus</i> | mahoe |
| <i>Metrosideros robusta</i> | northern rata |
| <i>Myrsine australis</i> | red matipo, mapou |
| <i>M. salicina</i> | toto |
| <i>Nestegis cunninghamii</i> | black maitai |
| <i>N. lanceolata</i> | white maitai |
| <i>Nothofagus fusca</i> | red beech |
| <i>Pennantia corymbosa</i> | kairomako |
| <i>Pittosporum eugenioides</i> | tarata, lemonwood |
| <i>Pseudopanax arboreus</i> var. <i>arboreus</i> | fivefinger |
| <i>P. crassifolius</i> | lancewood |
| <i>P. edgerleyi</i> | raukawa |
| <i>Schefflera digitata</i> | pate |
| <i>Weinmannia tacemosa</i> var. <i>tacemosa</i> | kamahi |

DICOT SHRUBS

| | |
|---|--------------|
| <i>Brachyglottis repanda</i> s.s. | rangiota |
| <i>Coprosma grandifolia</i> | raurekau |
| <i>C. lucida</i> s.s. | shiny katamu |
| <i>C. robusta</i> | katamu |
| <i>C. tenuifolia</i> | |
| <i>C. sp.</i> (unnamed; included in <i>C. parviflora</i> by Oliver, 1935, and others) | |
| <i>C. propinqua</i> x <i>C. robusta</i> | |
| <i>C. robusta</i> x <i>C. tenuifolia</i> | |
| <i>Cottaria arborea</i> | tutu |
| <i>Gaultheria antipoda</i> | snowberry |
| <i>G. rupestris</i> | |
| <i>Geniostoma rupestre</i> var. <i>ligustri-</i> <i>folium</i> | haugetange |

| | |
|--|-----------------------|
| <i>Hebe stricta</i> var. <i>stricta</i> | keromiko |
| <i>Helichitysum aggregatum</i> var. <i>aggr.</i> | |
| <i>Leptospermum scoparium</i> var. <i>manuka</i> | |
| <i>Leucopogon fasciculatus</i> | mingimingi |
| <i>Olearia arborescens</i> | |
| <i>O. rani</i> var. <i>colorata</i> | heketara |
| <i>O. vitigata</i> var. <i>vitigata</i> (incl. <i>O. v.</i> var. <i>ramuliflora</i>) | |
| <i>Pseudowintera axillaris</i> | horopito, pepper tree |
| <i>P. colorata</i> | mtu " " " |
| <i>Solanum aviculare</i> var. <i>aviculare</i> | poroporo |
| | |
| <i>Urtica ferox</i> | tree nettle |

DICOT LIANES

| | |
|---|-------------------|
| <i>Clematis foetida</i> | clematis |
| <i>C. forsteri</i> | " |
| | |
| <i>C. paniculata</i> | " |
| <i>Metrosideros coleusoi</i> (incl. <i>M. c.</i> var. <i>pendens</i>) | climbing rata |
| <i>M. diffusa</i> | " " |
| <i>M. perforata</i> | " " |
| <i>Muehlenbeckia australis</i> | poluehue |
| <i>Parsonsia capsulatis</i> var. | |
| | |
| <i>P. heterophylla</i> | |
| <i>Rubus cissoides</i> | bush lawyer |
| <i>R. schmideloides</i> var. <i>schmidel-</i> <i>oides</i> | white-back lawyer |

LYCOPODS

Lycopodium scariosum
L. varium (incl. *L. billardierei* and
L. novae-zelandicum)
L. volubile

FERNS

| | |
|---|----------------|
| <i>Adiantum cunninghamii</i> | maidenhair |
| <i>Asplenium bulbiferum</i> | |
| <i>A. flaccidum</i> | |
| <i>A. lyallii</i> | |
| <i>A. polyodon</i> | |
| <i>Blechnum chambersii</i> | |
| <i>B. discolor</i> | crown fern |
| <i>B. fluviatile</i> agg. | |
| <i>B. sp. (a)</i> (unnamed) (common lowland sp.; lower pinnae reduced in length) | |
| <i>B. sp. (b)</i> (unnamed) (cliff sp.; lower pinnae not reduced) [†] | |
| <i>Ctenopteris heterophylla</i> | |
| <i>Cyathea smithii</i> | soft tree-fern |
| <i>Dicksonia fibrosa</i> | wheki-ponga |
| <i>D. squarrosa</i> | wheki |
| <i>Grammitis billardierei</i> | |
| <i>Histiopteris incisa</i> | |
| <i>Hymenophyllum bivalve</i> | filmy fern |
| <i>H. demissum</i> | " " |
| <i>H. flabellatum</i> | " " |
| <i>H. multifidum</i> | " " |
| <i>H. ratum</i> | " " |
| <i>H. revolutum</i> | " " |

[†] ("The Green Bay Species" of Crookes 1963)

| | |
|-------------------------------------|----------------|
| <i>H. sanguinolentum</i> agg. | filmy fern |
| <i>H. scabrum</i> | " " |
| <i>Hypolepis tufobarbata</i> | |
| <i>Leptolepis novae-zelandiae</i> | |
| <i>Leptopteris hymenophylloides</i> | crepe fern |
| <i>Paesia scaberula</i> | scented fern |
| <i>Phymatosorus diversifolius</i> | hound's tongue |
| <i>Pneumatopteris pennigera</i> | |
| <i>Polystichum richardii</i> | shield fern |
| <i>P. vestitum</i> | " " |
| <i>Pteridium esculentum</i> | bracken |
| <i>Trichomanes venosum</i> | filmy fern |

ORCHIDS

| | |
|---|---------------|
| <i>Corybas</i> sp. (<i>C. macranthus</i> or <i>C. rivularis</i>) | spider orchid |
| <i>Eatna autumnalis</i> | |
| <i>E. mucronata</i> s.s. | |
| <i>Thelymitra longifolia</i> | sun orchid |

GRASSES

| | |
|--------------------------------------|-----------|
| <i>Cortaderia fulvida</i> | toetoe |
| <i>Poa anceps</i> ssp. <i>anceps</i> | |
| <i>Rytidosperma clavatum</i> | dantkonia |
| <i>R. gracile</i> | " |

SEDGES

| | |
|------------------------------|------------|
| <i>Carex secta</i> s.s. | niggerhead |
| <i>Machaetina sinclairii</i> | |
| <i>Uncinia uncinata</i> | hock-grass |

RUSHES

Juncus australis

J. fragiflorus

J. pallidus

J. planifolius

J. sarophotus

Luzula picta s.s.

woodrush

MONOCOT HERBS OTHER THAN ORCHIDS,

GRASSES, SEDGES, RUSHES

Astelia fragrans

CollospERMUM microspERMUM

Dianella nigra

blueberry

Lemna sp. (*L. minor* auct. N.Z.)

duckweed

Libertia grandiflora

N.Z. iris

L. ixioides

" "

Phormium cookianum

mtn flax

Typha orientalis

taupo

COMPOSITE HERBS

Anaphalis katensis

everlasting daisy

A. subrigida

" "

A. sp. (*Helichthysum bellidioides* s.s.)

" "

Gnaphalium audax

cudweed

G. limosum s.s.

"

Helichthysum filicaule

Lagenifera pumila

Pseudognaphalium sp. (*P. luteoalbum* agg.) (lvs mostly linear-spathulate to linear, acute)†

cudweed

Raoulia tenuicaulis (incl. *R. t.* var. *dimorpha* and *R. t.* var. *pusilla*)

scabweed

Senecio minimus

fireweed

† (incl. *Gnaphalium luteoalbum* var. *lineatum*)

DICOT HERBS OTHER THAN COMPOSITES

| | |
|---|-------------------------|
| <i>Acaena anserinifolia</i> | bidibidi (piripiri) |
| <i>Australina pusilla</i> | |
| <i>Drosera peltata</i> ssp. <i>auriculata</i> | sundew |
| <i>Epilobium alsinoides</i> s.s. | willow-herb |
| <i>E. brunneus</i> s.s. | " |
| <i>E. insulare</i> | " |
| <i>E. heteroides</i> | " |
| <i>E. nummulariifolium</i> | " |
| <i>E. rotundifolium</i> | " |
| <i>E. sp.</i> (unnamed; included in <i>E. brunneus</i> , as ssp. <i>minutiflorum</i> , by Raven & Engelman, 1971) | " |
| <i>Hydrocotyle elongata</i> | pennywort |
| <i>H. moschata</i> | " |
| <i>Jovellana repens</i> | N.Z. <i>calceolaria</i> |
| <i>Nerteta depressa</i> (incl. <i>N. cunninghamii</i>) | |
| <i>N. setulosa</i> | |
| <i>Oxysia macrophylla</i> var. <i>robusta</i> | |
| <i>Pratia angulata</i> agg. | |
| <i>Urtica incisa</i> | stinging nettle |

ADVENTIVE PLANTS

DICOT SHRUBS

| | |
|-----------------------------|-----------------------|
| <i>Berberis glaucocarpa</i> | barberry |
| <i>Rubus laciniatus</i> | cut-leaved blackberry |

GRASSES

| | |
|------------------------------|--------------|
| <i>Agrostis capillaris</i> | browntop |
| <i>Anthoxanthum odoratum</i> | sweet vernal |

| | |
|---------------------------------|----------------------|
| <i>Bromus hordeaceus</i> | soft brome |
| <i>Cynosurus cristatus</i> | crested dogstail |
| <i>Dactylis glomerata</i> | cocksfoot |
| <i>Festuca arundinacea</i> s.l. | tall fescue |
| <i>F. nigrescens</i> | Chewings fescue |
| <i>Glyceria declinata</i> | floating sweet grass |
| <i>Holcus lanatus</i> | Yorkshire fog |
| <i>Lolium perenne</i> | perennial ryegrass |
| <i>Poa annua</i> | |
| <i>Vulpia bromoides</i> | hairgrass |

RUSHES

| | |
|---------------------------|--------------|
| <i>Juncus articulatus</i> | jointed rush |
| <i>J. effusus</i> | |

COMPOSITE HERBS

| | |
|----------------------------------|---------------------|
| <i>Achillea millefolium</i> | yarrow |
| <i>Cirsium arvense</i> | Californian thistle |
| <i>C. palustre</i> | marsh thistle |
| <i>C. vulgare</i> | Scotch thistle |
| <i>Crepis capillaris</i> | hawksbeard |
| <i>Hypochoeris radicata</i> | catsear |
| <i>Gnaphalium coarctatum</i> | cudweed |
| <i>Leontodon taraxacoides</i> | hawkbit |
| <i>Mycelis muralis</i> | ivy-leaved lettuce |
| <i>Sonchus asper</i> | prickly sow-thistle |
| <i>Taraxacum officinale</i> s.l. | dandelion |

DICOT HERBS OTHER THAN COMPOSITES

| | |
|--|----------------------|
| <i>Acaena novae-zelandiae</i> | bidibidi (piti piti) |
| <i>Centaureum erythraea</i> | centaury |
| <i>Cerastium fontanum</i> ssp. <i>vulgare</i> | mouse-ear chickweed |

| | |
|---|-----------------------|
| <i>Coronopus didymus</i> | twin cross |
| <i>Digitalis purpurea</i> | foxglove |
| <i>Erodium cicutarium</i> | storksbill |
| <i>Geranium molle</i> | dove's foot |
| <i>Linum catharticum</i> | purging flax |
| <i>Lotus pedunculatus</i> | |
| <i>Mimulus guttatus</i> | monkey musk |
| <i>M. moschatus</i> | musk |
| <i>Myosotis arvensis</i> | field forget-me-not |
| <i>Parentucellia viscosa</i> | tarweed |
| <i>Plantago lanceolata</i> | ribgrass |
| <i>P. major</i> | broad-leaved plantain |
| <i>Polygonum persicaria</i> | willow weed |
| <i>Prunella vulgaris</i> | selfheal |
| <i>Ranunculus repens</i> | creeping buttercup |
| <i>Rumex acetosella</i> | sorrel |
| <i>Sagina procumbens</i> | pearlwort |
| <i>Silene gallica</i> | catchfly |
| <i>Sisymbrium officinale</i> | hedge mustard |
| <i>Solanum</i> sp. (<i>S. nigrum</i> or <i>S. nodiflorum</i>) | nightshade |
| <i>Spargula arvensis</i> | spurry |
| <i>Stellaria media</i> | chickweed |
| <i>Torilis nodosa</i> | hedgehog parsley |
| <i>Trifolium arvense</i> | haresfoot trefoil |
| <i>T. dubium</i> | suckling clover |
| <i>T. pratense</i> | red clover |
| <i>T. repens</i> | white clover |
| <i>T. subterraneum</i> | subterranean clover |
| <i>Verbascum thapsus</i> | woolly mullein |
| <i>Wahlenbergia marginata</i> | blue harebell |

No. of indigenous spp. : 152.

No. of adventive spp. : 60.

