

APPENDIX : Indigenous vascular plants of Waitere
sub-block, Hawkes Bay

Records of (1) Fauna Survey Unit (FSU), N.Z. Wildlife Service (March 1984) and (2) S.R. June and A.G. Shipp for Department of Lands and Survey (Dec.1982 - Feb.1983).

Species are listed under families, in the order used in "Flora of New Zealand" Vol.1 (Allan 1961) and Vol.2 (Moore and Edgar 1970), except for grasses. Known native flora = 141 spp.

MONOCOTYLEDONES

| | <u>FSU</u> | <u>L & S</u> |
|---|------------|------------------|
| Family Agavaceae | | |
| <u>Phormium cookianum</u> (mountain flax) | x | x |
| <u>Cordyline australis</u> (cabbage tree) | x | x |
| F. Smilacaceae | | |
| <u>Ripogonum scandens</u> (supplejack) | x | x |
| F. Juncaceae | | |
| <u>Luzula picta</u> var. <u>picta</u> (wood-rush) | x | |
| F. Orchidaceae | | |
| <u>Microtis unifolia</u> (onion-leaved orchid) | x | |
| F. Cyperaceae | | |
| <u>Baumea juncea</u> | x | |
| <u>Uncinia laxiflora</u> (hook grass) | x | |
| <u>U. uncinata</u> (" ") | x | x |
| <u>Carex testacea</u> | x | |
| <u>C. geminata</u> s.s. (cutty grass) | x | |
| <u>C. secta</u> var. <u>secta</u> | x | |
| <u>C. sp.</u> | x | |
| F. Graminae | | |
| <u>Cortaderia fulvida</u> (toetoe) | x | |
| <u>Echinopogon ovatus</u> (hedgehog grass) | x | |

LYCOPSIDA

FSU

L & S

F. Lycopodiaceae

Lycopodium volubile (climbing club moss)

x

x

FILICOPSIDA

F. Osmundaceae

Leptopteris [Todea] hymenophylloides

x

x

F. Hymenophyllaceae

Hymenophyllum sanguinolentum (filmy fern)

x

H. multifidum (filmy fern)

x

F. Dicksoniaceae

Dicksonia squarrosa (wheki)

x

D. fibrosa (wheki-ponga)

x

D. lanata

x

F. Cyatheaceae

Alsophila tricolor [Cyathea dealbata] (ponga)

x

x

F. Polypodiaceae

Pyrrosia serpens

x

x

Phymatosorus diversifolius (hound's tongue)

x

x

F. Dennstaedtiaceae

Hypolepis ambigua [=H. tenuifolia auct N.Z.]

x

H. rufobarbata

x

x

F. Pteridaceae

Pteridium esculentum (bracken)

x

x

Paesia scaberula (ring fern)

x

F. Aspleniaceae

Asplenium hookerianum

A. flaccidum ssp. flaccidum (hanging spleenwort)

x

x

A. oblongifolium (shining spleenwort)

x

F. Blechaceae

Blechnum penna-marina

x

x

B. discolor (crown fern)

x

x

B. fluviatile

x

x

B. sp. [B. capense agg.] (kiokio)

x

F. Dryopteridaceae

Polystichum vestitum (prickly shieldfern)

x

x

P. richardii (prickly shield fern)

x

F. Adiantaceae

Pellaea rotundifolia

x

GYMNOSPERMAE

F. Podocarpaceae

| | | |
|---|---|---|
| <u>Prumnopitys taxifolia</u> = [<u>Podocarpus spicatus</u>] (matai) | x | x |
| <u>Podocarpus totara</u> (totara) | x | x |
| <u>Dacrycarpus</u> [<u>Podocarpus</u>] <u>dacrydioides</u> (kahikatea) | x | x |
| <u>Dacrydium cupressinum</u> (rimu) | x | x |

DICOTYLEDONES

F. Winteraceae

| | | |
|--|--|---|
| <u>Pseudowintera colorata</u> (horopito) | | x |
|--|--|---|

F. Lauraceae

| | | |
|----------------------------------|---|---|
| <u>Beilschmiedia tawa</u> (tawa) | x | x |
|----------------------------------|---|---|

F. Monimiaceae

| | | |
|---|---|---|
| <u>Hedycarya arborea</u> (pigeon wood) | x | x |
| <u>Laurelia novae-Zelandiae</u> (pukatea) | x | x |

F. Ranunculaceae

| | | |
|---|---|---|
| <u>Ranunculus hirtus</u> (bush buttercup) | x | x |
| <u>Clematis forsteri</u> | x | |
| <u>C. paniculata</u> | x | x |

F. Piperaceae

| | | |
|---------------------------------------|---|---|
| <u>Macropiper excelsa</u> (kawa kawa) | x | x |
|---------------------------------------|---|---|

F. Violaceae

| | | |
|-----------------------------|---|---|
| <u>Melicytus ramiflorus</u> | x | x |
|-----------------------------|---|---|

F. Droseraceae

| | | |
|--|--|---|
| <u>Drosera peltata</u> ssp. <u>auriculata</u> (sundew) | | x |
|--|--|---|

F. Caryophyllaceae

| | | |
|--|---|--|
| <u>Stellaria parviflora</u> (N.Z. chickweed) | x | |
|--|---|--|

F. Haloragaceae

| | | |
|---|---|--|
| <u>Gonocarpus aggregatus</u> [= <u>Haloragis</u> <u>depressa</u>] | x | |
|---|---|--|

F. Onagraceae

| | | |
|--|---|---|
| <u>Fuchsia excorticata</u> (tree fuchsia, kotukutuku) | x | x |
|--|---|---|

F. Proteaceae

| | | |
|------------------------------------|---|---|
| <u>Knightia excelsa</u> (rewarewa) | x | x |
|------------------------------------|---|---|

| | <u>FSU</u> | <u>L & S</u> |
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| F. Coriariaceae | | |
| <u>Coriaria arborea</u> (tutu) | x | x |
| <u>C. kingiana</u> (tutu) | x | x |
| F. Pittosporaceae | | |
| <u>Pittosporum tenuifolium</u> var. (kohuhu) | x | x |
| <u>P. ralphii</u> | x | x |
| <u>P. eugenioides</u> (lemonwood) | x | x |
| F. Myrtaceae | | |
| <u>Leptospermum ericoides</u> (kanuka) | x | x |
| <u>L. scoparium</u> (manuka) | x | x |
| <u>Metrosideros perforata</u> (white bush rata) | x | x |
| <u>M. diffusa</u> (white bush rata) | x | x |
| <u>Neomyrtus pedunculata</u> | | x |
| F. Elaeocarpaceae | | |
| <u>Elaeocarpus dentatus</u> (hinau) | x | x |
| <u>E. hookerianus</u> (pokaka) | | x |
| <u>Aristotelia serrata</u> (wineberry) | x | x |
| F. Malvaceae | | |
| <u>Hoheria populnea</u> var. [= <u>H. sexstylosa</u>] (lacebark) | x | x |
| F. Cunoniaceae | | |
| <u>Weinmannia racemosa</u> var. <u>racemosa</u> (kamaha) | x | x |
| F. Escalloniaceae | | |
| <u>Carpodetus serratus</u> (putaputaweta) | x | x |
| F. Rosaceae | | |
| <u>Rubus schmidelioides</u> var. <u>schmidelioides</u> (bush lawyer) | x | |
| <u>R. cissoides</u> var. | x | x |
| <u>Acaena anserinifolia</u> (bidibidi) | x | |
| <u>A. sp.</u> c.f. <u>A. minor?</u> (bidibidi) | x | |
| <u>A. sp.</u> [<u>A. novae-zelandiae</u>] (bidibidi) | x | |
| F. Papilionaceae | | |
| <u>Sophora tetraptera</u> (kowhai) | x | x |
| <u>Carmichaelia arborea</u> var. [= <u>C. flagelliformis</u>] (N.Z. broom) | x | (x) |
| F. Fagaceae | | |
| <u>Nothofagus fusca</u> (red beech) | x | x |
| <u>N. solandri</u> var. <u>solandri</u> (black beech) | | x |
| F. Urticaceae | | |
| <u>Urtica ferox</u> | x | x |

| | <u>FSU</u> | <u>L &</u> |
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| F. Rhamnaceae | | |
| <u>Pomaderris ericifolia</u> [= <u>P.phylicaefolia</u> var. <u>ericifolia</u>] | | x |
| F. Sapindaceae | | |
| <u>Alectryon excelsus</u> (titoki) | x | x |
| F. Araliaceae | | |
| <u>Schefflera digitata</u> (pate) | x | x |
| <u>Pseudopanax arboreus</u> (five finger) | x | x |
| <u>P. crassifolius</u> (lancewood) | x | x |
| <u>P. simplex</u> [incl. <u>P. simplex</u> var. <u>sinclairii</u>] | | x |
| F. Cornaceae | | |
| <u>Corokia cotoneaster</u> var. | | x |
| <u>Griselinia littoralis</u> (broadleaf) | x | x |
| <u>G. lucida</u> (broadleaf) | | x |
| F. Umbelliferae | | |
| <u>Hydrocotyle moschata</u> | x | |
| <u>H.sp.</u> [<u>H. novae-zelandiae</u> agg.] | x | |
| F. Ericaceae | | |
| <u>Gaultheria antipoda</u> (snowberry) | x | x |
| F. Epacridaceae | | |
| <u>Leucopogon fasciculatus</u> [= <u>Cyathodes fasciculata</u>] (mingimingi) | x | x |
| <u>L. [C.] fraseri</u> (patotara) | x | x |
| <u>Cyathodes juniperina</u> var. (prickly mingimingi) | x | x |
| <u>Dracophyllum subulatum</u> (monoao) | | x |
| <u>Epacris alpina</u> | | x |
| F. Myrsinaceae | | |
| <u>Myrsine divaricata</u> (weeping mapou) | x | x |
| <u>M. salicina</u> (toro) | | x |
| F. Loganiaceae | | |
| <u>Geniostoma rupestre</u> var. [= <u>G. ligustrifolium</u>] (hangehange) | x | x |
| F. Rubiaceae | | |
| <u>Coprosma rugosa</u> | x | |
| <u>C. crassifolia</u> | x | |
| <u>C. rhamnoides</u> | x | |
| <u>C. grandifolia</u> (kanono) | x | (x) |
| <u>C. robusta</u> (karamu) | x | x |
| <u>C. lucida</u> (shining karamu) | x | x |
| <u>Galium propinquum</u> | | x |

| | <u>FSU</u> | <u>L & S</u> |
|---|------------|------------------|
| F. Compositae | | |
| <u>Lagenifera pumila</u> (papataniwhaniwha) | x | |
| <u>Celmisia gracilenta</u> var. (mountain daisy) | x | |
| <u>Olearia paniculata</u> (akiraho) | x | x |
| <u>O. furfuracea</u> (akepiro) | x | x |
| <u>O. rani</u> (heketara) | x | x |
| <u>O. sp. [O. nummularifolia?]</u> | | x |
| <u>Gnaphalium audax</u> (cudweed) | x | x |
| <u>G. sphaericum</u> (cudweed) | x | |
| <u>G. sp. [G. luteo-album agg.]</u> (cudweed) | x | |
| <u>Helichrysum bellidioides</u> (everlasting daisy) | x | x |
| <u>H. aggregatum</u> | x | x |
| <u>Cassinia vauvilliersii</u> (cottonwood, golden tauhinu) | x | x |
| <u>Brachyglottis repanda</u> (rangiora) | x | x |
| F. Campanulaceae | | |
| <u>Wahlenbergia colensoi</u> (harebell) | x | |
| <u>W. marginata</u> (harebell) | x | |
| F. Lobeliaceae | | |
| <u>Lobelia anceps</u> (N.Z. lobelia) | x | |
| F. Convolvulaceae | | |
| <u>Calystegia sp. [C. tuguriorum?]</u> | x | |
| <u>Dichondra repens</u> (Mercury Bay weed) | | x |
| F. Scrophulariaceae | | |
| <u>Euphrasia cuneata</u> (eyebright) | x | |
| <u>Hebe stricta</u> var. <u>stricta</u> (koromiko) | x | x |
| <u>H. colensoi</u> | | x |
| <u>H. tetragona</u> var. <u>tetragona</u> (?) (whipcord hebe) | | (x) |

Doubtful and erroneous records

The following plants recorded by June and Shipp may be based on misidentifications:-

| Name used | Probable identity |
|----------------------------|---|
| <u>Coriaria pottsiana</u> | <u>C. kingiana</u> (?) |
| <u>Coprosma divaricata</u> | <u>C. rhamnoides</u> (?) |
| <u>C. australis</u> | <u>C. grandifolia</u> |
| <u>O. "nummularifolia"</u> | <u>O. nummularifolia</u> (?) |
| <u>Hebe subsimilis</u> | <u>H. tetragona</u> var. <u>tetragona</u> ? |