

LIST 1: SOME INDIGENOUS VASCULAR PLANTS IN "HIGH RIDGE" QEII OPEN SPACE COVENANT OWNED BY R AND J STOTT, RURAL FIRE NUMBER 5X5, PAEKAKARIKI HILL ROAD, PORIRUA CITY, MAP R26 PARAPARAUMU, CENTRED ON G.R. 726180; LIST COMPILED ON 25 MARCH 2000 BY P.BEVERIDGE, P.ENRIGHT, C.HORNE, B.MITCALFE AND J.STOTT DURING A 2.5 HOUR RECONNAISSANCE; ADDITIONS BY WELLINGTON BOTANICAL SOCIETY ON 1 APRIL 2000 DURING A 5 HOUR VISIT.

| BOTANICAL NAME | MAAORI NAME | COMMON NAME |
|-----------------------|--------------------|--------------------|
|-----------------------|--------------------|--------------------|

MONOCOT TREES

| | | |
|----------------------|--------|-------|
| Rhopalostylis sapida | niikau | nikau |
|----------------------|--------|-------|

DICOT TREES AND SHRUBS

| | | |
|--|----------------|--------------------|
| Alectryon excelsus | tiitoki | titoki |
| Aristotelia serrata | makomako | wineberry |
| Beilschmiedia tawa | tawa | tawa |
| Brachyglottis repanda | rangiora | rangiora |
| Carpodetus serratus | putaputaweetaa | marble leaf |
| Coprosma grandifolia | kaanono | kanono |
| Coprosma propinqua | | |
| Coprosma rhamnoides | | |
| Coprosma robusta | karamu | karamu |
| Dysoxylum spectabile | kohekohe | kohekohe |
| Geniostoma rupestre var. ligustrifolium | hangehange | hangehange |
| Griselinia lucida | puka | puka |
| Hebe stricta var. atkinsonii | koromiko | koromiko |
| Hedycarya arborea | porokaiwhiri | pigeonwood |
| Knightia excelsa | rewarewa | rewarewa |
| Kunzea ericoides | kaanuka | kanuka |
| Laurelia novae-zelandiae | pukatea | pukatea |
| Lophomyrtus bullata | ramarama | ramarama |
| Macropiper excelsum | kawakawa | kawakawa |
| Melicytus ramiflorus | maahoe | mahoe |
| Myrsine australis | mapou | mapou |
| Olearia solandri | | coastal tree daisy |
| Ozothamnus leptophyllus | tauhinu | tauhinu |
| Pennantia corymbosa | kaikoomako | kaikomako |
| Pseudopanax arboreus | whauwhaupaku | five-finger |
| Pseudopanax crassifolius | horoeka | lancewood |
| Schefflera digitata | patee | pate |
| Solanum sp. | poroporo | poroporo |
| Urtica ferox | ongaonga | tree nettle |

MONOCOT LIANES

| | | |
|--------------------|--------|------------|
| Ripogonum scandens | kareao | supplejack |
|--------------------|--------|------------|

DICOT LIANES

| | | |
|---------------------|-------------|----------|
| Clematis paniculata | puawaananga | clematis |
|---------------------|-------------|----------|

| | | |
|-------------------------|-----------|---------------------|
| Metrosideros diffusa | raataa | white climbing rata |
| Metrosideros perforata | aka tea | clinging rata |
| Muehlenbeckia australis | poohuehue | poohuehue |
| Parsonsia heterophylla | kaihua | parsonsia |
| Passiflora tetrandra | koohia | NZ passionfruit |
| Rubus cissoides | taataraa | bush lawyer |

FERNS

| | | |
|--|---------------------|---------------------|
| Anarthropteris lanceolata | | |
| Asplenium bulbiferum | manamana | hen & chickens |
| Asplenium flabellifolium | | necklace fern |
| Asplenium flaccidum | makawe o Raukatauri | hanging spleenwort |
| Asplenium hookerianum | | |
| Asplenium oblongifolium | huruhuru whenua | shining spleenwort |
| Asplenium polyodon | petako | sickle spleenwort |
| Asplenium bulbiferum x A. flaccidum | | |
| Blechnum chambersii | nini | |
| Blechnum discolor | piupiu | crown fern |
| Blechnum filiforme | paanako | thread fern |
| Blechnum fluviatile | kiwakiwa | |
| Blechnum minus | | swamp kiokio |
| Blechnum novae-zelandiae | kiokio | kiokio |
| Cyathea dealbata | ponga | ponga |
| Cyathea medullaris | mamaku | black tree fern |
| Cyathea smithii | kaatote | soft tree fern |
| Dicksonia fibrosa (?) | whekii ponga | wheki ponga |
| Dicksonia squarrosa | whekii | wheki |
| Histiopteris incisa | maataataa | water fern |
| Hypolepis ambigua | | |
| Lastreopsis glabella | | |
| Lastreopsis hispida | | hairy fern |
| Leptopteris hymenophylloides | heruheru | single crepe fern |
| Microsorium pustulatum | koowaowao | hound's tongue |
| Microsorium scandens | mokimoki | fragrant fern |
| Paesia scaberula | maataa | ring fern |
| Pellaea rotundifolia | tarawera | button fern |
| Pneumatopteris pennigera | paakau | gully fern |
| Polystichum richardii | pikopiko | shield fern |
| Polystichum vestitum | puuniu | prickly shield fern |
| Pteridium esculentum | raarahu | bracken |
| Pteris macilenta | titipo | brake |
| Pyrrosia eleagnifolia | ota | leather-leaf fern |
| Trichomanes venosum | | |

GRASSES

| | | |
|----------------------|--|-------------------|
| Microlaena polynoda | | |
| Microlaena stipoides | | meadow rice grass |

SEDGES

| | | |
|-----------------------------|--------------|-------------------|
| <i>Carex virgata</i> | puurei | swamp sedge |
| <i>Isolepis cernua</i> | | slender club rush |
| <i>Isolepis habra</i> | | |
| <i>Isolepis inundata</i> | | |
| <i>Isolepis prolifer</i> | | three-square |
| <i>Schoenus maschalinus</i> | | dwarf bog rush |
| <i>Uncinia uncinata</i> | matau a Maui | hooked sedge |

RUSHES

| | | |
|----------------------------|-----|------------|
| <i>Juncus caespiticius</i> | wii | |
| <i>Juncus pallidus</i> | " | giant rush |
| <i>Juncus planifolius</i> | " | |

MONOCOT HERBS, OTHER THAN GRASSES, SEDGES & RUSHES

| | | |
|-------------------------|--------|--------|
| <i>Astelia fragrans</i> | kakaha | kakaha |
|-------------------------|--------|--------|

DICOT HERBS

| | | |
|--|-----------|----------------------------|
| <i>Acaena anserinifolia</i> | piripiri | bidibid |
| <i>Helichrysum filicaule</i> | | creeping everlasting daisy |
| <i>Cardamine "narrow petal" debilis</i> agg. | | cross |
| <i>Centella uniflora</i> | | centella |
| <i>Dichondra brevifolia</i> | | |
| <i>Epilobium nummularifolium</i> | | willowherb |
| <i>Epilobium rotundifolium</i> | | " |
| <i>Euchiton limosus</i> | | |
| <i>Galium propinquum</i> | | cleavers |
| <i>Gnaphalium gymnocephalum</i> | | cudweed |
| <i>Gnaphalium involucreatum</i> | | creeping cudweed |
| <i>Gnaphalium luteo-album</i> agg. | | Jersey cudweed |
| <i>Hydrocotyle moschata</i> | | hairy pennywort |
| <i>Leptinella squalida</i> | | |
| <i>Leptostigma (= Nertera) setulosum</i> | | |
| <i>Lobelia anceps</i> | punakuru | shore lobelia |
| <i>Nertera depressa</i> | | bead plant |
| <i>Oxalis exilis</i> | | creeping oxalis |
| <i>Plantago raoulii</i> | kopakopa | |
| <i>Ranunculus reflexus</i> | maaruuruu | hairy buttercup |
| <i>Senecio minimus</i> | | fireweed |
| <i>Stellaria decipiens</i> | kohukohu | NZ chickweed |
| <i>Wahlenbergia violacea</i> | rimuroa | NZ harebell |

LIST 2: MOSSES AND LIVERWORTS OF STOTT COVENANT.

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|-------------------------------|
| <i>Achrophyllum dentatum</i> |
| <i>Calyptrochaete brownii</i> |
| <i>Campylopus</i> sp. |
| <i>Ditrichum</i> sp. |
| <i>Echinodium hispidum</i> |
| <i>Fissidens rigidulus</i> |

Hypnum cupressiforme
Hypopterygium rotulatum
Leptodon smithii
Lopidium concinnum
Macromitrium sp.
Neckera pennata
Papillaria flexicaulis
Pendulothecium punctatum
Philonotis tenuis
Polytrichadelphus magellanicus
Racopilum convolutaceum
Tetraphidopsis pusilla
Thamnobryum pandum
Thuidium laevisculum
Weymouthia cochlearifolia

LIVERWORTS

Monoclea forsteri
Pallavicinia sp.

LIST 3: SOME ADVENTIVE PLANTS

| | |
|-----------------------|--------------|
| Arctium sp. | burdock |
| Digitalis purpurea | foxglove |
| Hypericum androsaemum | tutsan |
| Juncus articulatus | jointed rush |
| Senecio jacobaea | ragwort |
| Ulex europaeus | gorse |

LIST 4: NATIVE BIRDS

| | |
|------------|-------------|
| kereruu | NZ pigeon |
| piwakawaka | fantail |
| riroriro | greywarbler |
| tauhou | waxeye |

NOTES

"High Ridge" Covenant is part of Bob and Jan Stott's 100 acre property which was depicted on a map produced by the New Zealand Company in January 1843, together with other similar sized blocks in the valley.

The 6.7ha covenant was registered on the title of the property in 1998.

Soil: Makara hill soil.

Substrate: Greywacke sandstone

Landform: Both sides of a gully, the stream being a tributary of Horokiri Stream which flows into Pauatahanui Inlet.

Aspect: True Left side of valley faces south; True Right side faces north.

Rainfall: ca. 1130mm average over 9 years.

Fencing: Completed in 1997.

Pest control: Bait stations are installed. Brodifacoum anticoagulant kills possums, and rodents are killed by eating the spilt baits. Goats are shot.