

List compiled by
Andrew Townsend.

DATE:	14.10.93	GRID REF:	S25 902 419
NAME:	Judy Pratt	STUDY AREA:	19
ADDRESS:	4/151 Hataitai Rd, Hataitai.	AREA:	1 Ha
		PHONE:	04 3862 326

LANDFORM DESCRIPTION:

Flat planar surface of Mangaore Stream floodplain. The site is transversely dissected by a small tributary of this stream.

VEGETATION:

Tall closed forest, primarily composed of kohekohe, with an understorey of kawakawa and nikau palms.

SPECIAL FEATURES:

Two plants of towai (*Streblus banksii*), were noted within the study site, one was a seedling, and the other was almost canopy height. This plant has a localised distribution, and is considered to be vulnerable to local extinction within the Wellington Conservancy.

THREAT/MODIFICATIONS:

The major threat to the viability of this site is from the high numbers and densities of weed species within it. Stinking iris, box (*Buxus sempervirens*), wandering jew, and wild strawberry, are all present within the site. These plants are shade tolerant, and therefore have the ability to establish under the canopy. Also noted were jerusalem cherry and tree lucerne, which were more common where canopy gaps occurred. High densities of rabbits, and also prevalent possum sign were also noted. The site is also potentially vulnerable to wind damage.

COMMENTS:

At present, the canopy of this site is still intact, and with management of the above threats (planting of shelter on the western and especially southern sides, manual weed control, and feral animal control), the site should regenerate.

PLANT LIST FOR SITE 19.

S25 902419

Podocarps

- Dacrydium cupressinum* (rimu - planted)
- ~~*Podocarpus totara* (totara)~~
- Prumnopitys ferruginea* (miro - planted)

Dicots

- Alectryon excelsum* (titoki)
- Beilschmiedia tawa* (tawa)
- Buxus sempervirens* (box)
- Chamaecytisus palmensis* (tree lucerne)
- Coprosma grandiflora* (kanono)
- Coprosma areolata*
- Corynocarpus laevigatus* (karaka)
- Dysoxylon spectabile* (kohekohe)
- Geniostoma rupestre ligustrifolium* (hangehange)
- Hedycarya arborea* (pigeon wood)
- Knightia excelsa* (rewarewa)
- Macropiper excelsum* (kawakawa)
- Melicytus ramiflorus* (mahoe)
- Metrosideros fulgens* (climbing rata)
- Muehlenbeckia australis* (bindweed)
- Parsonsia heterophylla* (new zealand jasmine)
- Pennantia corymbosa* (kaikomako)
- Phytolacca octandra*
- Pittosporum crassifolium* (karo - planted)
- Pittosporum eugenioides* (lemon wood)
- Pseudopanax arboreus x lessonii* (planted)
- Pseudopanax arboreus* (five finger)
- Solanum nigrum* (deadly nightshade)
- Solanum pseudocapsicum* (jerusalem cherry)
- Sophora tetraptera* (kowhai - planted)
- ~~*Streblus banksii* (towai)~~

Monocots

- Earina mucronata*
- Iris foetidissima* (stinking iris)
- Rhopalostylis sapida*
- Tradescantia fluminensis* (wandering jew)

Ferns

- Asplenium bulbiferum* (hen-and-chicken fern)
- Asplenium flaccidum*
- Asplenium hookerianum*
- Asplenium oblongifolium*
- Blechnum filiforme*
- Cyathea dealbata*
- Cyathea smithii?* (planted)
- Lastreopsis glabella*

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Phymatosorus diversifolius

Phymatosorus scandens

Pteris tremula

Pyrrosia elaeagnifolia

