

Checklist of indigenous vascular plants seen at: Pukemuri Covenant, Tora

Grid Ref: S28 174 618

Altitude 10 - 140 m.asl

Visited: 29.05.00, T. Silbery, A. Rebergen

Time on site: 3½ hours

LIST # 42

Site description:

Coastal gully and scarp rising directly from the coastal plain, and cut by stream that forms part of the boundary. Some erosion slumping into the stream valley, with bedrock showing in places.

Vegetation is mostly coastal scrub and pasture grasses on the steep counlry, with hollows by the stream that support wetland vegetation. There are also areas of rock that support "hot rock" plants.

Near the stream the cliffs are made of shattered rotten rock often heavily red stained.

Away from the direct influence of ther coast the vegetation is dominated by *Olearia paniculata* and *Kunzea ericoides*. There are small groups of karaka (*Corynocarpus laevigatus*) in places, especially near the stream.

Sign of sheep grazing was abundant.

The survey concentrated on the area near the stream, but included a diversion onto the hillslope.

It is possible the dry rock fern *Pleurosorus rutifolius* may be found nearby, on exposed rocks just outside the covenant. A search during early spring would confirm this.

Significant or unusual plants/associations:

Search effort

Recce

Moderate

Thorough

Nomenclature generally follows Indigenous Higher Plants of New Zealand, 8th revision, 1992 by A.P. Druce

* indicates species listed on the Wellington Conservancy plant database

(unc) = uncommon, one or few plants seen.

Monocotyledonous trees and shrubs

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Cordyline australis *

Dicotyledonous trees and shrubs

Brachyglottis repanda
Coprosma areolata (unc)
Coprosma lucida
Coprosma propinqua ssp. *propinqua*
Coprosma rhamnoides
Coprosma robusta
Corynocarpus laevigatus
Gaultheria antipoda
Geniostoma ligustrifolium
Griselinia lucida
Hebe stricta var. *atkinsonii*
Hedycarya arborea
Helichrysum lanceolatum var. *aggregatum*
Leptospermum scoparium
Macropiper excelsum ssp. *excelsum*
Melicope ternata
Melicytus ramiflorus
Myoporum laetum var. *laetum*
Olearia paniculata
Ozothamnus leptophyllus ssp. *leptophyllus*
Pittosporum tenuifolium ssp. *tenuifolium** (unc)
Sophora microphylla *
Urtica ferox

Dicotyledonous lianes and related trailing plants

Clematis forsteri var.
Clematis paniculata
Muehlenbeckia australis *
Muehlenbeckia complexa
Parsonsia capsularis

Ferns

Adiantum cunninghamii
Asplenium flabellifolium agg.
Asplenium flaccidum
Asplenium hookerianum
Asplenium oblongifolium
Blechnum chambersii
Blechnum discolor
Blechnum novae-zelandiae var. *novae-zelandiae*
*Cheilanthes distans**
Cyathea dealbata
Cyathea medullaris
Dicksonia squarrosa (unc)
Histiopteris incisa (unc)
Hypolepis ambigua

Lastreopsis glabella
Microsorium pustulatum
Paesia scaberula
Pellaea rotundifolia
Pneumatopteris pennigera
Polystichum richardii
Polystichum vestitum
Pteridium esculentum
Pteris tremula
Pyrrosia eleagnifolia

Monocotyledonous herbs:

Orchids

Acianthus sinclairii
Corybas sp. (large leaf, probably *C. macranthus*, but not in flower)

Grasses

Chionochloa beddiei*
Cortaderia fulvida
Festuca multinodis
Poa anceps ssp. anceps
Poa imbecilla (unc)

Sedges

Carex dissita
Carex flagellifera var. flagellifera*
Carex forsteri
Cyperus ustulatus
Isolepis cernua
Uncinia ferruginea (unc)

Rushes and allied plants

Juncus gregiflorus
Juncus pallidus
Juncus sarophorus
Luzula banksiana

Monocotyledonous herbs other than orchids, grasses, sedges, rushes and allied plants

Phormium cookianum *

Dicotyledonous herbs - composites

Anaphalioides subrigida
Brachyglottis lagopus var. lagopus
Cotula coronopifolia
Craspedia uniflora var. grandis
Euchiton gymnocephalus (= Gnaphalium gymnocephalum)
Pseudognaphalium luteoalbum

Dicotyledonous herbs other than composites

Aciphylla squarrosa *
Cardamine sp. (*C. debilis* agg.) ("Narrow petal" of Pritchard 1957)
Dichondra brevifolia
Dichondra repens agg
"Dichondra large flower"
Einadia allanii* (unc)
Epilobium insulare (unc)
Epilobium pernitens
Epilobium nummularifolium
Galium propinquum
Gonocarpus aggregatus
Haloragis erecta subsp.erecta
Hydrocotyle elongata
Hydrocotyle heteromeria
Hydrocotyle novae-zelandiae *
Hypericum japonicum
Lobelia anceps
Nertera depressa
Oxalis magellanica
Parietaria debilis
Plantago raoulii
Pratia angulata agg.
Ranunculus reflexus
Schizeilema trifoliolatum
Stellaria decipiens
Wahlenbergia rupestris
Wahlenbergia violacea

Birds

Bellbird
Fantail
North Is. Tomtit
Silvereye
Welcome swallow