

WANGANUI PLANT LIST 120

**List of vascular plants for Tangimoana dunes¹,
just south of Rangitikei River mouth.**

(¹ mostly Tawhirihoe Scientific Reserve, but also includes site of old rubbish dump)

C C Ogle & N Singers - based on many visits from 1990 onwards
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Last amended 29 Jan. 2001

Nationally threatened and uncommon species (de Lange *et al.* 1999): **CRITICAL** *Pimelea* "Turakina" (transplanted here); **VULNERABLE** *Selliera rotundifolia*, *Isolepis basilaris*; **DECLINING** *Eleocharis neozelandica*, *Pimelea arenaria* "southern form", **RECOVERING** *Desmoschoenus spiralis*.

CHR = specimen collected in this area for herbarium at Landcare Research NZ, Lincoln.

Abundance Ratings

a = abundant

c = common

o = occasional

u = uncommon

l = local (species in small area, but can be common or abundant there)

* = exotic sp.

Gymnosperm trees

| | | |
|--------------------------------------|-----------------|---|
| * <i>Cupressus macrocarpa</i> | (macrocarpa) | u |
| * <i>Pinus pinaster</i> | (maritime pine) | u |
| * <i>P. radiata</i> [mostly planted] | | o |

Dicot trees, shrubs and lianes

| | | |
|--|--------------------|----|
| * <i>Acacia sophorae</i> [extending from plantings] | (sand wattle) | o |
| * <i>Artemisia arborescens</i> CHR | (hedge artemisia) | u |
| * <i>Calystegia soldanella</i> | (sand convolvulus) | o |
| <i>Cassinia</i> (<i>Ozothamnus</i>) <i>leptophylla</i> | (tauhinu) | o |
| <i>Coprosma acerosa</i> | (sand coprosma) | o |
| <i>Discaria toumatou</i> – planted here, from near L Alice | (matagouri) | |
| <i>Leptospermum scoparium</i> | (manuka) | u |
| * <i>Lupinus arboreus</i> | (lupin) | a |
| * <i>Lycium ferocissimum</i> | (boxthorn) | u |
| <i>Muehlenbeckia complexa</i> | (pohuehue) | o |
| <i>Olearia solandri</i> | (a shrub) | |
| * <i>Paraserianthes lophantha</i> | (brush wattle) | u |
| <i>Pimelea arenaria</i> | (sand daphne) | lc |
| <i>Pimelea</i> "Turakina" – planted here | | |
| * <i>Rubus fruticosus</i> agg. | (blackberry) | u |
| * <i>Ulex europaeus</i> | (gorse) | u |
| * <i>Vicia sativa</i> | (vetch) | o |

Monocot tree

| | | |
|----------------------------|--------------------------|---|
| <i>Cordyline australis</i> | (ti kouka, cabbage tree) | o |
|----------------------------|--------------------------|---|

Fern ally

*Equisetum arvense horsetail 1

Ferns

Pteridium esculentum (bracken) 1

Herbaceous monocots

1. Grasses

*Agrostis stolonifera (creeping bent) 1
 *Aira caryophyllea (silvery hair grass) o
 *Ammophila arenaria (marram grass) a
 *Anthoxanthum odoratum (sweet vernal) o
 *Briza minor (slender quaking grass) u
 *Bromus diandrus (ripgut brome) c
 *B. hordeaceus (soft brome) u
 Cortaderia fulvida (toetoe) c?
 *C. selloana (pampas grass) o
 C. toetoe (toetoe) u
 *Cynodon dactylon (Indian doab) 1
 *Dactylis glomerata (cocksfoot) o
 *Festuca arundinacea (tall fescue) c
 *Holcus lanatus (Yorkshire fog) o
 Lachnagrostis billardierei (sand bent) o
 *Lagurus ovatus (hare's tail) a
 *Pennisetum clandestinum (kikuyu grass) u
 *Polypogon monspeliensis (beard grass) o
 Spinifex sericeus (spinifex) c
 *Sporobolus africanus (rat's tail) u
 *Vulpia bromoides (vulpia hair grass) u

2. Sedges

Carex pumila (sand carex) c
 *Cyperus congestus u
 C. ustulatus (mariscus) u
 Desmoschoenus spiralis (pingao) u
 Eleocharis acuta (spike sedge) u
 E. neozelandica u
 Isolepis basilaris lc
 I. cernua u
 *I. marginata u
 I. nodosa (club sedge) c
 Schoenoplectus pungens (3-square) u
 S. tabernaemontani (kapungawha) o
 Schoenus nitens c

3. Rushes

*Juncus acutus (sharp rush) 1
 *J. articulatus (jointed-leaved rush) la
 *J. bufonius (toad rush) u
 J. caespiticius u
 J. maritimus var. australiensis (sea rush) u

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|---|---------------------------------|----|
| <i>J. pallidus</i> | | u |
| <i>Leptocarpus similis</i> | (jointed wire-rush – oioi) | a |
| <u>4. Monocots other than grasses, sedges & rushes</u> | | |
| * <i>Asparagus officinalis</i> | (garden asparagus) | u |
| <i>Microtis unifolia</i> | (onion-leaved orchid) | o |
| <i>Phormium tenax</i> | (NZ flax harakeke) | u |
| * <i>Sisyrinchium</i> "blue" | | o |
| <i>Triglochin striatum</i> | (arrow grass) | o |
| <i>Typha orientalis</i> | (raupo) | lc |
| Herbaceous dicots | | |
| <i>Acaena anserinifolia</i> | (piripiri, bidibid) | u |
| * <i>Achillea millefolium</i> | (yarrow) | u |
| * <i>Amaranthus powellii</i> | (redroot) | u |
| * <i>Anagallis arvensis</i> | (scarlet pimpernel) | o |
| <i>Apium prostratum</i> | (sea celery) | u |
| * <i>Aster subulata</i> | (sea aster) | o |
| * <i>Beta vulgaris</i> (CHR) | (silver beet) | u |
| * <i>Carpobrotus edulis</i> ¹ | (ice plant) | o |
| * <i>Centaureum erythraea</i> | (centaury) | u |
| * <i>Cerastium glomeratum?</i> | (annual? mouse-eared chickweed) | o |
| * <i>Conyza albida</i> | (fleabane) | o |
| <i>Cotula coronopifolia</i> | (batchelor's button) | l |
| <i>Epilobium billardierianum</i> | (willow-herb) | o |
| * <i>Foeniculum vulgare</i> | (fennel) | u |
| * <i>Gnaphalium coarctatum?</i> (recorded as <i>G. spicatum</i>) | (cudweed) | u |
| <i>Hydrocotyle hydrophila</i> | | l |
| * <i>Hypochoeris glabra</i> | (smooth catsear) | u |
| * <i>H. radicata</i> | (catsear) | u |
| * <i>Lactuca virosa</i> | (acrid lettuce) | u |
| * <i>Leontodon taraxacoides</i> | (hawkbit) | c |
| <i>Lilaeopsis ruthiana?</i> (?) | (tape-measure plant) | l |
| <i>Limosella lineata</i> | | l |
| <i>Lobelia anceps</i> | (NZ lobelia) | o |
| * <i>Lobularia maritima</i> | (alyssum) | la |
| * <i>Lotus pedunculatus</i> | (lotus major) | o |
| * <i>L. suaveolens</i> | | o |
| * <i>Lythrum hyssopifolia</i> | (hyssop loosestrife) | o |
| * <i>Malva sylvestris</i> | (large-flowered mallow) | la |
| * <i>Medicago lupulina</i> | (black medick) | c |
| * <i>Melilotus indicus</i> | (King Island melilot) | la |
| * <i>Mentha pulegium</i> | (pennyroyal) | u |
| * <i>Modiola caroliniana</i> | (creeping mallow) | o |
| * <i>Myosotis sylvatica</i> | (garden forget-me-not) | u |
| <i>Myriophyllum votschii</i> | | l |
| * <i>Oenothera glazioviana</i> | (evening primrose) | lc |
| * <i>O. stricta</i> | (evening primrose) | o |
| * <i>Orobanche minor</i> | (broomrape) | u |
| <i>Oxalis rubens</i> | | u |

¹ *C. aequilaterus* may be present as well; some plants seen on 18 Jan 2000 had purple flowers

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| *Parentucellia viscosa | (tarweed) | c |
| *Plantago lanceolata | (narrow-leaved plantain) | u |
| *P. major | (broad-leaved plantain) | l |
| *Polycarpon tetraphyllum | (allseed) | o |
| *Polygonum hydropiper | (water pepper) | u |
| *Portulacca oleracea | (purslane) | l |
| Potentilla anserinoides | (native cinquefoil) | l |
| *Prunella vulgaris | (selfheal) | lc |
| Pseudognaphalium sp. (P. luteo-album agg.; P. "Kaitorete" of A P Druce) | (cudweed) | l |
| Ranunculus acaulis | | o |
| *R. repens | (creeping buttercup) | o |
| *Rumex acetosella | (sheep's sorrel) | lc |
| *R. crispus | (curled dock) | u |
| *Sagina procumbens | (pearlwort) | u |
| Samolus repens | (sea primrose) | u |
| Selliera radicans | (half star) | u |
| S. rotundifolia | (half star) | c |
| *Senecio elegans | (purple groundsel) | o |
| *S. glastifolius | (pink ragwort) | u |
| *S. jacobaea | (ragwort) | o |
| *Silene gallica | (catchfly) | o |
| *Sonchus asper | (prickly sowthistle) | o |
| *Solanum chenopodiodes | (velvety nightshade) | u |
| *Taraxacum officinale | (dandelion) | c |
| *Trifolium arvense | (hare'sfoot trefoil) | o |
| *T. fragiferum | (strawberry clover) | o |
| *Verbascum thapsus | (woolly mullein, flannel leaf) | u |
| TOTALS (excluding planted native species) | Indigenous Species = 49 | Adventive Species = 86 |

REFERENCES

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