

latitude 41.5

*diverse &
distinct*





**5 species of NZ FERN suspended in
PUBLIC SCULPTURE...**

Dicksonia squarrosa (wheki / rough tree fern)

Polystichum vestitum (puniu / prickly shield fern)

Asplenium polyodon (petako / the sickle spleenwort)

Leptolepia novae-zelandiae (the lace fern)

Cyathea dealbata (ponga / silver fern)

'Ferns'
by sculptor Neil Dawson
www.ferns.co.nz
(Civic Square Wellington)







Seeds across the land
Richard Killeen (1979)

acrylic laquer on aluminium
30 pieces variable 2160 x 1750mm
private collaction Wellington



www.lucas-associates.co.nz 2003

Warawara, Pureora, Okarito

*Govt Agencies
Have given Private Enterprise
Permission for to strip
And rip-off Kauri, totara,
Kahikatea for to supply
Timber for million-dollar
Yachts and mansions.*

*Bastards:
Stop your raping of the land.
F*** off.*

(apologies to) Hone Tuwhare (1978)



*Kauri forest on the
Wairoa River, Kaipara
Charles Heaphy (1840)*



www.lucas-associates.co.nz 2003

*a swathe of Northland's
remnant PODOCARP forest*



DOC



***very similar to ancestors of
175 MILLION YEARS AGO
and PILLAR to the
garden of Tane...***

***Agathis australis*
(kauri / kauri pine)**



DOC



www.lucas-associates.co.nz 2003

*the TALLEST
of New Zealand's tree species*

Dacrycarpus dacrydioides
(kahikatea / white pine)



DOC



www.lucas-associates.co.nz 2003

*tree ferns, forming the
sub-canopy from
ANCIENT times...*



DOC



www.lucas-associates.co.nz 2003

**17 species of *Blechnum* fern...
9 of these are **ENDEMIC**...**

Blechnum discolor
(crown fern)



DOC



www.lucas-associates.co.nz 2003

creeping rhizomes...

Microsorium pustulatum
(maratata / hounds tongue fern)





www.lucas-associates.co.nz 2003

'organic' ARCHITECTURE

a strong row of *Rhopalostylis sapida*
(nikau palm) front a roadside cafe
Punakaiki, West Coast, South Island

and interpreted in urban Wellington





*goblin forests of
evergreen southern
GONDWANIC beech...*

leaves of
Nothofagus menziesii
(silver beech)

TAWHAI
Nothofagus spp



DOC



www.lucas-associates.co.nz 2003

TEMPERATE RAIN FOREST
stretches from the coast to the
glaciers of the main divide...

South Westland mixed podocarp forest
Aoraki - Mount Cook visible...



DOC



www.lucas-associates.co.nz 2003

***coastal and lowland
forests...***

Dysoxylum spectabile
(kohekohe)

***unfortunately 'icecream' to
the possum pest...***



DOC



Sunset at Ship Creek on the South Westland coast

Desmoschoenus spiralis (pingao / pikao),
a sand binding sedge surrounds interpretation centre
with a background of mixed podocarp forest





www.lucas-associates.co.nz 2003

***from sand binder
to shopping basket***

Desmoschoenus spiralis
(pingao / pikao / golden sand sedge)



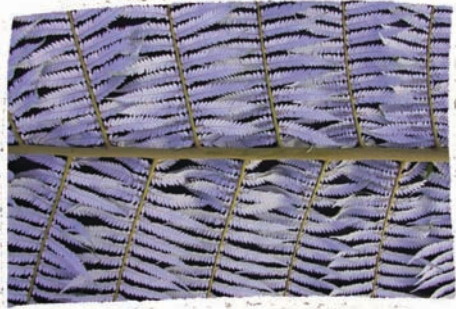
RL



www.lucas-associates.co.nz 2003

a New Zealand ICON:

Cyathea dealbata (ponga / silver fern)





www.lucas-associates.co.nz 2003

*inner city courtyard
design based on
**UNDERLYING
NATURE...***

lush older plains (alluvial fan) ecosystem





www.lucas-associates.co.nz 2003

gorgeously gawky
juveniles of
Pseudopanax crassifolius
(horoeka / lancewood)

JTS





www.lucas-associates.co.nz 2003

'primeval' SWAMP forest

*Lake Brunner, Westland
mixed podocarp forest*



DOC



www.lucas-associates.co.nz 2003