

NEW NAMES FOR NATIVE CONIFERS
AND A CHECKLIST OF SPECIES AND WILD HYBRIDS.
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Since Allan's Flora was published in 1961 there have been at least six important papers discussing new names and combinations affecting our native conifers (see references below). As most of these changes are soundly based and are likely to become accepted, it is perhaps timely to list them together with a checklist of all the known species and wild hybrids.

Araucariaceae.

Agathis australis - Kauri No change

Cupressaceae

Librocedrus bidwillii - Kaikawaka No change

L. plumosa - Kawaka No change

Phyllocladaceae (Keng 1973)

Phyllocladus aspleniifolius var. *alpinus* Mountain Tootoa
(=*P. alpinus*) (Keng 1978)

P. aspleniifolius var Unnamed
(="lowland ecotype" of *P. alpinus* of Wardle, 1969)

P. glaucus - tootoa No change

P. trichomanoides - Tanekaha No change

P. trichomanoides var (A.P. Druce, Pers Comm). Unnamed

Podocarpaceae.

Podocarpus acutifolius - Needle-leaved Totara. No change

P. hallii - Hall's Totara. No change

P. nivalis - Snow Totara. No change

P. totara - totara No change

P. totara var. *waihoensis* (Wardle 1972)

Dacrycarpus dacrydioides - Kahikatea
(=*Podocarpus dacrydioides*) (de Laubenfels 1969)

Prumnopitys ferrunginea - Miro
(=*Podocarpus ferrugineus*) (de Laubenfels 1978)

P. taxifolia - Matai
(= *Podocarpus spicatus*) (de Laubenfels 1978)

Dacrydium cupressinum - Rimu No change

Halocarpus bidwillii - Bog Pine	
(=Dacrydium bidwillii)	(Quinn 1982)
H. biformis - Pink Pine	
(=Dacrydium biforme)	(Quinn 1982)
H. kirkii - Monoao	
(=Dacrydium kirkii)	(Quinn 1982)
Lagarostrobos colensoi - Silver Pine	
(=Dacrydium colensoi)	(Quinn 1982)
Lepidothamnus intermedius - Yellow-silver Pine.	
(=Dacrydium intermedium)	(Quinn 1982)
L. laxifolius - Pygmy Pine	
(=Dacrydium laxifolium)	(Quinn 1982)

Wild Hybrids.

Halocarpus bidwillii x H. biformis.
 Lepidothamnus intermedius x L. laxifolius
 Phyllocladus aspleniifolius var alpinus x P. glaucus
 P. aspleniifolius var. alpinus x P. trichomanoides
 P. glaucus x P. trichomanoides
 Podocarpus acutifolius x P. hallii
 P. acutifolius x P. nivalis
 P. acutifolius x P. totara
 P. hallii x P. nivalis
 P. hallii x P. totara
 P. nivalis x P. totara var waihoensis

If all these names are accepted then we have one additional family (Phyllocladaceae), five new genera (Dacrycarpus, Prumnopitys, Halocarpus, Lagarostrobos, Lepidothamnus) of which one is endemic (Halocarpus), two new varieties of which one formerly held specific rank (as Phyllocladus alpinus) and nine new combinations. In addition there are at least two unnamed entities in Phyllocladus.

However, some of these changes will be debated and possibly resisted. Before a decision is made one way or the other, and there are both options open, it is advisable to study the arguments advanced in the references cited (see p 86).

These changes also raise the question of whether we should continue to use the term "podocarp", except for members of the family Podocarpaceae. In my opinion the term "podocarp", is often loosely applied orally and in the literature, and "conifer" is a better term. All New Zealand podocarps (15) are conifers, but not all New Zealand conifers (23) are podocarps!

Meanings of new names:

aspleniifolius - leaves like Asplenium

Dacrycarpus - weeping fruit

Halocarpus - collar at base of fruit

Lagarostrobos - lax open cone (female)

Lepidothamnus - shrub with scale leaves

Prumnopitys - plum fruited

taxifolia - leaves like Taxus (Yew)

waihoensis - after the Waiho River, Westland

The following paragraph seen by one of our members in the Jackson Pub was written by "Loafer in the Street" about the area of Jacksons. "The explorer has to climb from tree to tree. The tree ferns are flourishing and the botanist would prance about in delirious revelments. Agriculture in the area has not as yet reached a high pitch. The beer is good though".

Is there something here for the Programme Sub-committee? Picture J.D.L. in silent commune with his 'mini merings' neath the towering tree ferns, either before or after the good beer! Ed.