

## Native Planting Guide - Cloud forest

Forest characteristically dominated by New Zealand cedar/pahautea on the upper slopes of Mt. Cargill and Mihiwaka, and around Leith Saddle. A rare forest type on the east coast of the South Island.

Plant type	Species	Common name	Generalist	Wetland sites	Riparian sites	Dry sites	Moist sites	Exposure	Shade tolerance	Planting sequence	Palatability	Fleshy fruits?	Nectar sources	Notes
Tree	<i>Elaeocarpus hookerianus</i>	Pokaka	Yes	No	No	No	Yes	No	High	Early	Low	Yes		Long lived emergent tree
Tree	<i>Fuchsia excorticata</i>	Fuchsia	Yes	Yes	Yes	No	Yes	Yes	High	Early	Moderate	Yes	Yes	Fast initial growth, high value for indigenous fauna
Tree	<i>Griselinia littoralis</i>	Broadleaf	Yes	No	Yes	Yes	Yes	Yes	High	Early	High	Yes	No	Good all round performance
Tree	<i>Halocarpus biforme</i>	Pink pine	No	No	No	No	Yes	Yes	Low	Early	Low	Yes	No	Small podocarp of cool, wet, cloudy sites
Tree	<i>Libocedrus bidwillii</i>	Kaikawaka	No	No	No	No	Yes	Yes	Moderate	Early	Low	No	No	Slow-growing tree, characteristic of cloud forest
Tree	<i>Myrsine divaricata</i>	Weeping mapou	No	No	No	Yes	Yes	Yes	High	Early	Low	Yes	No	Slow growing small tree of upland forest
Tree	<i>Podocarpus cunninghamii</i>	Hall's totara	Yes	No	No	Yes	Yes	Yes	High	Early	Low	Yes	No	Long-lived emergent podocarp
Tree	<i>Prumnopitys ferruginea</i>	Miro	Yes	No	No	No	Yes	No	High	Late	Low	Yes	No	Long-lived emergent podocarp
Tree	<i>Pseudopanax colensoi</i>	Three finger	Yes	No	Yes	No	Yes	Yes	High	Early	High	Yes	No	Fast initial growth
Tree	<i>Pseudowintera colorata</i>	Horopito	Yes	No	Yes	No	Yes	Yes	High	Early	Low	Yes	No	Slow growing but very shade tolerant small tree

Plant type	Species	Common name	Generalist	Wetland sites	Riparian sites	Dry sites	Moist sites	Exposure	Shade tolerance	Planting sequence	Palatability	Fleshy fruits?	Nectar sources	Notes
Tree	<i>Raukaua simplex</i>	Haumakaroa	No	No	No	No	Yes	No	High	Early	Moderate	Yes	No	Small tree of upland forest understorey
Shrub	<i>Coprosma dumosa</i>		Yes	No	No	No	Yes	Yes	Moderate	Early	Low	Yes	No	Hardy shrub of upland forest and scrub
Fern	<i>Blechnum discolor</i>	Crown fern	No	No	No	No	Yes	No	High	Early	Low	No	No	Ground fern of upland forest