

Native Planting Guide - Sand dune forest

Podocarp-broadleaved forest on coastal sand dunes often dominated by Hall's totara, kanuka and ngaio. A rare forest type with few local remnants. The closest best examples are in the Catlins and at Otatara in Southland.

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>Dacrycarpus dacrydioides</i>	Kahikatea	Yes	Yes	Yes	Yes	Yes	Yes	High	Early	Low	Yes	No	Long-lived emergent podocarp
Tree	<i>Griselinia littoralis</i>	Broadleaf	Yes	No	Yes	Yes	Yes	Yes	High	Early	High	Yes	No	Good all round performance
Tree	<i>Melicytus ramiflorus</i>	Mahoe	Yes	No	Yes	Yes	No	No	High	Early	High	Yes	Yes	Plant later in exposed sites
Tree	<i>Myrsine australis</i>	Mapou	Yes	No	Yes	Yes	No	Yes	High	Early	High	Yes	No	Slow initial growth
Tree	<i>Pittosporum tenuifolium</i>	Kohuhu	Yes	No	Yes	Yes	No	Yes	Moderate	Early	High	Yes	Yes	Pioneer species good for initial plantings
Tree	<i>Podocarpus totara</i>	Totara	Yes	No	Yes	Yes	No	Yes	Low	Early	Low	Yes	No	Long-lived emergent podocarp
Tree	<i>Prumnopitys taxifolia</i>	Matai	Yes	No	Yes	Yes	No	No	High	Later	Low	Yes	No	Long-lived emergent podocarp
Shrub	<i>Coprosma lucida</i>	Shining karamu	Yes	No	Yes	Yes	Yes	No	High	Early	High	Yes	No	Understorey shrub
Monocot herb	<i>Astelia fragrans</i>	Kakahu	Yes	No	Yes	No	Yes	No	High	Later	Moderate	Yes	Yes	Common forest floor species
Fern	<i>Asplenium bulbiferum</i>	Hen and chicken fern	Yes	No	Yes	No	Yes	No	High	Later	Low	No	No	Common fern of moist forest
Fern	<i>Asplenium obtusatum</i>	Coastal spleenwort	No	No	No	Yes	No	Yes	High	Later	High	No	No	Coastal fern, typically abundant in coastal scrub

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Fern	<i>Microsorium pustulatum</i>	Hound's tongue fern	Yes	No	Yes	Yes	Yes	No	High	Early	Low	No	No	Forms extensive ground cover
Fern	<i>Polystichum neozelandicum</i> subsp. <i>xerophyllum</i>		No	No	No	Yes	No	No	High	Later	Moderate	No	No	Fern of dry forest habitats
Fern	<i>Polystichum vestitum</i>	Shield fern	Yes	No	Yes	No	Yes	No	High	Later	Moderate	No	No	Ground cover fern of moist habitats