

NEW ZEALAND WOODS.

WOOD SECTIONS, WITH BARK, FOLIAGE, AND INFLORESCENCE.

AUCKLAND—

Dammara australis, Native name *Kauri*.

By far the most valuable timber in the Colony; used for house-building, ship-building, viaducts, bridges, furniture, machinery, and a great variety of purposes; combines the durability of the red deal of commerce (*Pinus sylvestris*) with the silkiness of Quebec yellow pine (*Pinus strobus*). Peculiar to the Province of Auckland.

Dammara australis, var., *Mottled Kauri*.

Specially valued for ornamental cabinet work.

Libocedrus doniana, Native name *Kawaka*.

A light but durable furniture wood; burns with difficulty.

Podocarpus ferruginea, Native name *Miro*.

Podocarpus spicata, Native name *Matai*.

Valuable furniture woods; the latter especially durable; often used for piles, sleepers, &c.

Podocarpus totara, Native name *Totara*.

Much used for general building purposes, and especially for piles; found throughout the Colony, and next in value to the *Kauri*.

Podocarpus dacrydioides, Native name *Kahikatea*.

White Pine. Much used for inside work.

Dacrydium cupressinum, Native name *Rimu*.

Much used for furniture and ornamental work.

Phyllocladus trichomanoides, Native name *Tanekaha*.

A timber of remarkable toughness, lightness, and durability. Confined to the North Island.

Perseonia toro, Native name *Toro*.

A fine wood for inlaying.

Elæocarpus dentatus, Native name *Hinau*.

A white wood used for turners' work.

Alectryon excelsum, Native name *Titoki*.

A remarkably tough and durable wood, used for tools and machinery purposes; the seeds yield a fine oil.

Dodonæa viscosa, Native name *Ake-ake*.

Dysoxylum spectabile, Native name *Kohe-kohe*.

Cedar. Used for furniture and ornamental work.

Sophora tetraptera, Native name *Kowhai*.

A timber of great density and durability; used for tools and machinery purposes.

Metrosideros robusta, Native name *Rata*.

An immense tree, the trunk sometimes 15 feet in diameter; remarkable for the peculiar habit of growth in many cases—the seeds are blown by the wind into the masses of astelia and other epiphytic plants in the northern forests, where they vegetate and give out aerial roots, which seek the ground in search of nourishment, ultimately becoming giant trunks and strangling the supporting tree. Wood extremely dense and of great durability; used for shipbuilding. Ironwood of the settlers. Peculiar to the North Island.

Metrosideros tomentosa, Native name *Pohutukawa*.

For knees, ribs, and bent pieces, invaluable to the shipbuilder; surpasses English oak. Confined to the Province of Auckland.

Leptospermum ericoides, Native name *Rawiri*.

Panax crassifolia, Native name *Horoeaka*.

Lancewood.

Olearia cunninghamii, Native name *Wharangipirau*.

Vitex littoralis, Native name *Puriri*.

Resembles *Lignum vita*; one of the most durable timbers known; used for piles, machinery, and a great variety of special purposes. Almost confined to the Provinces of Auckland and Taranaki.

Tetranthera calicularis, Native name *Mangiao*.

Remarkably tough and compact; used for ships blocks and similar purposes.

Nesodaphne tarairi, Native name *Tarairi*.

Nesodaphne tawa, Native name *Tawa*.

Used for most of the purposes to which sycamore is applied in Europe.

Olea cunninghamii, Native name *Maire*.

Used as a substitute for boxwood in wood engraving, and for various machinery purposes; hard and durable. Confined to the North Island.

Knightsia excelsa, Native name *Rewa-rewa*.

Makes handsome veneers for cabinet work.

Atherosperma nova-seelandica, Native name *Pukatea*.

Used in boat-building.

AUCKLAND—continued.

Corynocarpus laevigata, Native name *Karaka*.

Olea apetalata, Native name *Black Maire*.

Used as a substitute for boxwood in wood engraving, and for various machinery purposes; hard and durable. Confined to the North Island.

Myrsine australis, Native name *Mapau*.

Myrsine salicina, Native name *Tipau*.

Myrsine salicina, var., *Mapau*.

All furnish handsome veneers.

Hoheria populnea, Native name *Hohere*.

Dracophyllum latifolium, Native name *Nei-nei*.

Much valued for inlaying.

Eugenia maire, Native name *Maire-tawaka*.

Hedycarya dentata, Native name *Porokaiwhiri*.

Fagus fusca, Native name *Tawai*.

A large and durable timber; used for sleepers and similar purposes.

Coprosma arborea, Native name *Karamu*.

WELLINGTON—

Podocarpus, undescribed sp., Native name *Kahikatea*.

Silver or Yellow Pine. Attains a diameter of 3 to 4 feet; wood used for building purposes, and building small boats. Locality—Nelson, S. Island.

Slab of ditto.

Leptospermum ericoides, Native name *Manuka*.

Attains a diameter of 2 to 4 feet; used for piles, fencing, and firewood; old wood very ornamental in cabinet work. Locality, Bluff, S. Island.

Olea cunninghamii, Native name *Black Maire*.

Attains a diameter of 3 to 4 feet; used by the Natives in making implements of war and husbandry; hard, heavy, and durable, and well adapted for cabinet work. Locality, Wellington, N. Island.

Knightsia excelsa, Native name *Rewa-rewa*.

Attains a diameter of 2 to 3 feet; very ornamental in cabinet work. Locality, Wellington, N. Island.

Eugenia maire, Native name *Maire-tawhake*.

Attains a diameter of 2 feet; used by Natives in making implements of husbandry. Locality, Wellington, N. Island.

Nesodaphne tawa, Native name *Tawa*.

Attains a diameter of 2 feet; a clean light wood, much used in making casks for butter. Locality, Wellington, N. Island.

Olearia cunninghamii, Native name *Akewharangi*.

Attains a diameter of 1 to 2 feet; adapted for cabinet work. Locality, Wellington, N. Island.

Myrsine salicina.

Attains a diameter of 1 to 2 feet; adapted for cabinet work. Locality, Wellington, N. Island.

Dysoxylum spectabile, Native name *Kohe-kohe*.

Attains a diameter of 1 to 2 feet; ornamental tree.

Coprosma rotundifolia, Native name *Karamu*.

Attains a diameter of 6 to 8 inches; adapted for cabinet work. Locality, Wellington, N. Island.

Myrtus bullata, Native name *Ramarama*.

Attains a diameter of 6 to 8 inches, adapted for cabinet work. Locality, Wellington, N. Island.

Myrtus pedunculata.

Attains a diameter of 6 to 8 inches; adapted for axe-handles, fencing, &c. Locality, Wellington, N. Island.

Melicope ternata, Native name *Tataka*.

Attains a diameter of 1 foot; an ornamental shrub tree. Locality, Wellington, N. Island.

Piper excelsum, Native name *Kawa-kawa*.

Attains a diameter of 6 to 8 inches; adapted for cabinet work. Locality, Wellington, N. Island.

Drimys axillaris, Native name *Horopilo*.

Attains a diameter of 6 to 8 inches; adapted for cabinet work. Locality, Wellington, N. Island.

Weinmannia racemosa, Native name *Tauhero*.

Attains a diameter of 4 feet; wood close-grained and heavy; bark valuable for tanning. Locality, Wellington, N. Island.

Fagus fusca, Native name *Tawai*.

Attains a diameter of 12 feet; wood used as fence stuff, and for building purposes. Locality, Wellington, N. Island.

Fagus solandri, local name, *Black-heart Birch*.

Attains a diameter of 8 feet; heart wood valuable for piles, posts, or railway sleepers. Locality, Wellington, N. Island.

Panax edgerleyi, Native name *Raukawa*.

Attains a diameter of 2 feet; tree very ornamental. Locality, Wellington, N. Island.