

1907.
NEW ZEALAND.

STATE FORESTS DEPARTMENT

(PARTICULARS AS REGARDS TREES PLANTED BY THE).

Return to an Order of the House of Representatives dated the 7th August, 1907.

Ordered, "That there be laid before this House a return showing (1) the number of trees of each kind planted by the State Forests Department; (2) the ages of the trees which have been planted; (3) the uses for which the different kinds of trees are suitable; (4) the approximate dates when the trees will be fit for milling."—(Mr. ELL.)

TREES PLANTED BY THE STATE FORESTS DEPARTMENT.

Name of Tree.	Number of Trees of each Kind planted.	The Ages of the Trees that have been planted.	The Uses for which the different Kinds of Trees are suitable.
Acacia melanoxylon ...	45,435	5 years	Furniture, shop-fittings, pianos, railway purposes, billiard-tables, &c.
Acer saccharum ...	3,625	2 to 5 years	Furniture, shoe-lasts, flooring, and general purposes (sap is made into sugar).
" pseudo-platanus ...	485,211	2 " 5½ "	Turnery, furniture, boxes, dairy utensils, blocks and pulleys.
Æsculus hippocastanum ...	2,232	5 " 5½ "	Cabinetmaking, sides and bottoms of carts, general turnery.
Alnus glutinosa ...	67,518	2 " 5½ "	Barrel-staves, boxes, general purposes under ground or under water.
Betula alba ...	210,540	2 " 6½ "	Cabinetmaking, turnery, barrel-staves, crates, brooms, &c.
Castanea sativa ...	15,911	5 " 5½ "	Furniture, flooring, interior work, posts, rails, &c.
Catalpa speciosa ...	222,575	3 " 5 "	Furniture, posts, sleepers, and telephone-poles.
Cupressus lawsoniana ...	23,700	5 " 6½ "	Flooring, sleepers, fencing, and general lumber.
Eucalypti (species) ...	2,196,544	3 " 5 "	Used generally for all constructive works where durability is essential, also for sleepers, posts, wheels, and other purposes where strength is required, telegraph-poles.
Fraxinus americana ...	1,775	3 " 3½ "	Boat-oars, cabinetmaking, coachbuilding, agricultural implements, tool-handles, &c.
" excelsior ...	578,175	2 " 5½ "	Ditto.
Juglans cinerea ...	2,651	5 years	Chiefly furniture and pianos, gun-stocks, billiard-tables, clocks, &c.
" nigra ...	4,952	3 to 5 years	Ditto.
" regia ...	61,424	3½ " 5½ "	"
Knightia excelsa ...	200	About 6 years	Furniture.
Larix europœa ...	5,275,460	2 to 5½ years	Railway-sleepers, posts, boat and bridge building, pit-props, and general farm purposes.
" leptolepsis ...	2,850	5½ years	Ditto.
Picea excelsa ...	1,165,998	2 to 5½ years	General constructive purposes, flooring, scaffolding, masts, spars, packing-cases, casks, pit-props, wood-pulp, &c.
" sitchensis ...	153,993	3½ " 6½ "	Ditto.
" canadensis ...	1,400	About 6 years	"

TREES PLANTED BY THE STATE FORESTS DEPARTMENT—*continued.*

Name of Tree.	Number of Trees of each Kind planted.	The Ages of the Trees that have been planted.	The Uses for which the Different Kinds of Trees are suitable.
<i>Pinus austriaca</i> ...	3,085,926	2 to 5½ years	Used generally for all constructive purposes both inside and outside buildings, packing-cases, butter-boxes, shelving, pattern-making, posts, sleepers, &c.
" <i>canariensis</i> ...	1,025	3½ " 5 "	Ditto.
" <i>contorta</i> ...	1,090	5 years	"
" <i>coulterii</i> ...	605	5 "	"
" <i>densiflora</i> ...	2,325	5 "	"
" <i>excelsa</i> ...	100	5 "	"
" <i>halapensis</i> ...	66,575	3½ to 5 years	"
" <i>jeffreyi</i> ...	3,693	5 years	"
" <i>lambertiana</i> ...	1,250	5 "	"
" <i>laricio</i> ...	677,900	3 to 6½ years	"
" <i>muricata</i> ...	109,070	2 " 5 "	"
" <i>ponderosa</i> ...	435,000	2 " 5½ "	"
" <i>benthamiana</i> ...	117,050	3½ " 5½ "	"
" <i>pinaster</i> ...	11,425	About 6 years	"
" <i>radiata</i> ...	110,161	3½ to 6½ "	"
" <i>rigida</i> ...	9,325	3½ " 5½ "	"
" <i>sabiniana</i> ...	25	5 years	"
" <i>silvestris</i> ...	200	5 "	"
" <i>strobis</i> ...	108,625	2 to 5½ years	"
" <i>thumbergii</i> ...	700	5 years	"
" <i>torreyana</i> ...	1,820	5 "	"
" <i>tæda</i> ...	1,100	5 "	"
<i>Platanus orientalis</i> ...	3,900	5 "	Furniture, box-making, turnery, pulleys, and pattern-making.
<i>Podocarpus dacrydioides</i> ...	550	3 "	Butter-boxes and packing-cases.
" <i>totara</i> ...	181,100	3 to 4½ years	Telegraph-poles, sleepers, joinery, plates, and all purposes where durability is required.
" <i>hallii</i> ...	200	3 years	Ditto.
<i>Poplars</i> (var.) ...	14,500	3½ to 5½ years	Packing-cases, sides and bottoms of drays, furniture-frames, and interior work.
<i>Pseudo-tsuga taxifolia</i> ...	419,972	2 " 6½ "	Beams, general lumber, scaffolding, and all constructive work
<i>Pyrus aucuparia</i> ...	32,033	3 " 5½ "	Cabinetmaking, furniture, turnery, carving, &c.
<i>Quercus pedunculata</i> ...	2,031,671	2 " 5½ "	House and ship building, wagons, carriages, casks, &c.
" <i>suber</i> ...	1,124	4½ years	Produces the cork of commerce.
<i>Robinia pseudo-acacia</i> ...	161,800	3½ to 5 years	Posts, axe and pick handles, and general farm purposes.
<i>Salix</i> (var.) ...	13,663	3 " 5½ "	Cricket-bats, barrow and dray bottoms, knifeboards, bread-platters.
<i>Sequoia sempervirens</i> ...	41,841	3 " 5 "	Venetian blinds, general carpentry and joinery work.
<i>Sophora tetraptera</i> ...	7,875	3½ " 5½ "	Posts, rake-teeth, dowels, and bent work, and general joinery and interior finishing.
<i>Thuja gigantea</i> ...	13,975	5 years	General joinery-work and interior finishing.
<i>Ulmus campestris</i> ...	775	5½ "	Coffins, coachbuilding, furniture, &c.
<i>Corylus avellana</i> ...	1,310	5 to 5½ years	
Ornamental shrubs, &c.	107,331	3½ " 5½ "	
Total ...	18,300,779		

Approximate dates when the trees will be fit for milling : No precise information on this point is available. Larch and eucalypti are frequently milled at from thirty to fifty years, whilst the general run of timber-trees might be fit for milling at from fifty to a hundred years, or even later.

WM. C. KENSINGTON, Under-Secretary.

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