

Trees transferred from Nursery to Plantations, &c., 1910-11.

Where sent.	Name of Tree.	Number.	Height in Inches.	Value per Thousand.	Total Value.	Remarks.
				£ s. d.	£ s. d.	
Conical Hills Plan- tation	<i>Larix europaea</i> ..	602,275	14	3 0 0	1,806 16 6	The partial drought experienced was mainly responsible for a slightly in- creased death-rate here.
	<i>Pinus Laricio</i> ..	625,350	12	3 0 0	1,876 1 0	
	" <i>austriaca</i> ..	28,600	12	3 0 0	85 16 0	
	" <i>ponderosa</i> ..	50,275	12	3 0 0	150 16 6	
	" <i>Benthamiana</i> ..	8,050	14	3 5 0	26 3 3	
	<i>Picea excelsa</i> ..	56,475	10	3 0 0	169 8 6	
	" <i>sitchensis</i> ..	15,050	12	3 0 0	45 3 0	
	<i>Pseudo-tsuga taxifolia</i> ..	16,600	10	3 5 0	53 19 0	
	<i>Betula alba</i> ..	18,625	15	3 0 0	37 5 0	
	<i>Alnus glutinosa</i> ..	7,900	14	3 0 0	23 14 0	
	<i>Fraxinus excelsior</i> ..	16,225	15	3 0 0	48 13 6	
	<i>Quercus pedunculata</i> ..	18,050	16	3 0 0	54 3 0	
	<i>Acer pseudo-platanus</i> ..	1,025	16	2 15 0	2 16 4	
	<i>Fagus sylvatica</i> ..	4,250	14	4 0 0	17 0 0	
	<i>Sequoia sempervirens</i> ..	200	15	4 0 0	0 16 0	
	<i>Thuja plicata</i> ..	25	12	4 0 0	0 2 0	
		1,468,975	..	..	4,398 13 7	
Dusky Hill Planta- tion	<i>Larix europaea</i> ..	2,000	14	3 0 0	6 0 0	These trees were used for replanting pur- poses.
	<i>Pinus Laricio</i> ..	19,000	12	3 0 0	57 0 0	
	<i>Picea excelsa</i> ..	2,000	10	3 0 0	6 0 0	
	<i>Quercus pedunculata</i> ..	1,630	16	3 0 0	4 17 9	
		24,630	..	..	73 17 9	
Conical Hills Planta- tion	As per details above	1,468,975	..	..	4,398 13 7	
Dusky Hill Planta- tion	"	24,630	..	..	73 17 9	
Eweburn Nursery ..	<i>Thuja plicata</i> seedlings ..	1,000	..	..	1 0 0	
Clyde Domain Board	Assorted trees ..	165	..	..	0 11 4	
Pudding Island ..	Native trees and shrubs ..	216	..	..	2 2 9	
Education Depart- ment, Otekaike	Assorted trees ..	500	..	..	1 15 0	
Riverton Domain Board	Sycamore ..	275	..	..	0 13 9	
Industrial Schools, Burnham	Trees and seedlings ..	5,850	..	..	7 19 6	
Te Oranga Home ..	Assorted trees ..	734	..	..	2 11 5	
Rabbit Island Do- main Board	" ..	750	..	..	3 0 0	
School Committee, Becks	" ..	200	..	..	0 14 0	
Recreation Grounds, Cromwell	" ..	550	..	..	1 18 6	
Swinburn Cemetery	" ..	200	..	..	0 14 0	
Dunedin Corpora- tion	Pine and larch seedlings ..	60,000	..	..	60 0 0	
Acclimatization So- ciety, Clinton	Assorted trees ..	900	..	..	1 16 0	
Sanatorium, Palmer- ston	" ..	355	..	..	8 17 6	
Totals ..	..	1,565,300	..	..	4,566 5 1	

R. G. ROBINSON,
Superintending Nurseryman.

DUSKY HILL PLANTATION, OTAGO.

(Area, 845 acres; altitude, 400 ft. to 800 ft.)

Perhaps in no previous year have the trees growing throughout this plantation been taxed to such an extent through dearth of moisture during the spring and summer months. At one period the larch foliage assumed a most unhealthy tint, and fears were momentarily entertained that the trees had developed the leaf-shedding fungus (*Sphaerella laricina*). On investigating, however, the roots were found to be in a perfectly healthy state, although an almost entire absence of moisture in the ground for some 2 ft. from the surface was disclosed. This fact alone was sufficient to account for the premature shedding of needles from the lateral branches; but with the advancement of the season, and gradually increasing rainfalls, tree-growth became more vigorous, and foliage partially resumed its normal colour.

The outstanding feature of the review of annual progress made by the plantation is the exceedingly fine growth of the spruces—*Picea excelsa* and *P. sitchensis*—which have made an average increase in height of about 13 in. When allocated in exposed positions the spruces during their youth rarely escape having their leaders broken by the agency of either winds or hailstones; but the absence of such influences this season has permitted the trees to advance quite unmolested. No evidence of existing diseases of any kind is apparent amongst the *Picea* blocks, and it is reasonable to believe that as local conditions are so dissimilar from those in Canterbury, where the minute red spider is proving so