

## SCHEDULE 4.—Trees transferred from Tapanui Nursery to Plantations, &amp;c., 1909-10.

Where sent.	Name of Tree.	Number.	Height in Inches	Value per Thousand.	Total Value.	Remarks.
Conical Hills Plan- tation	<i>Pinus Laricio</i> ..	203,575	12	£ s. d. 3 0 0	£ s. d. 610 14 6	A very satisfactory "strike" was ob- tained in all trees planted.
	" <i>austriaca</i> ..	34,875	12	3 0 0	104 12 6	
	" <i>ponderosa</i> ..	20,925	12	3 0 0	62 15 6	
	" <i>Benth-amiana</i> ..	12,525	14	3 5 0	40 14 2	
	<i>Larix europæa</i> ..	858,350	15	3 0 0	2,575 1 0	
	<i>Picea excelsa</i> ..	120,650	15	3 0 0	361 19 0	
	" <i>sitchensis</i> ..	45,000	15	3 0 0	135 0 0	
	<i>Pseudo-tsuga taxifolia</i> ..	5,225	15	3 5 0	16 19 8	
	<i>Betula alba</i> ..	9,350	15	2 0 0	18 14 0	
	<i>Fraxinus excelsior</i> ..	4,925	15	3 0 0	14 15 6	
	" <i>americana</i> ..	925	14	3 0 0	2 15 6	
	<i>Acer pseudo-platanus</i> ..	33,700	16	2 15 0	92 13 6	
	<i>Quercus pedunculata</i> ..	54,175	15	3 0 0	162 10 6	
	<i>Alnus glutinosa</i> ..	18,500	15	3 0 0	40 10 0	
	Totals ..	1,417,700	..	..	4,239 15 4	
Dusky Hill Planta- tion	<i>Pinus Laricio</i> ..	118,000	12	3 0 0	354 0 0	These trees were used in completing the replanting of area destroyed by fire.
	<i>Larix europæa</i> ..	1,500	15	3 0 0	4 10 0	
	<i>Picea excelsa</i> ..	2,500	14	3 0 0	7 10 0	
	" <i>sitchensis</i> ..	6,750	14	3 0 0	20 5 0	
	<i>Pseudo-tsuga taxifolia</i> ..	800	14	3 5 0	2 12 0	
	<i>Betula alba</i> ..	1,500	15	2 0 0	3 0 0	
	<i>Fraxinus excelsior</i> ..	500	15	3 0 0	1 10 0	
	<i>Quercus pedunculata</i> ..	3,250	15	3 0 0	9 15 0	
	Totals ..	134,800	..	..	403 2 0	
Waitahuna Planta- tion	<i>Pinus Laricio</i> ..	2,000	12	3 0 0	6 0 0	Excellent progress has been made by all varieties.
	" <i>ponderosa</i> ..	500	12	3 0 0	1 10 0	
	<i>Larix europæa</i> ..	7,000	15	3 0 0	21 0 0	
	<i>Betula alba</i> ..	1,500	15	2 0 0	3 0 0	
	<i>Alnus glutinosa</i> ..	500	15	3 0 0	1 10 0	
	Totals ..	11,500	..	..	33 0 0	
Conical Hills Planta- tion	As per details above	1,417,700	..	..	4,239 15 4	
Dusky Hill Planta- tion	"	134,800	..	..	403 2 0	
Waitahuna Planta- tion	"	11,500	..	..	33 0 0	
Hammer Springs Plantation	<i>Alnus glutinosa</i> ..	2,500	..	..	5 0 0	
Naseby Plantation ..	Assorted forest trees	2,500	..	..	5 10 0	
Borough Council, Port Chalmers	"	2,500	..	..	7 10 0	
Borough Council, Green Island	"	140	..	..	0 12 6	
Acclimatisation So- ciety, Clinton	"	100	..	..	0 10 0	
Domain Board, Waiau	"	400	..	..	1 12 0	
Domain Board, Ta- panui	"	200	..	..	0 16 0	
School Reserve, Moa Flat	"	300	..	..	1 4 0	
School Reserve, Ko- konga	"	175	..	..	0 15 0	
Industrial Schools, Burnham	"	150	..	..	0 12 0	
Hospital Committee, Gore	"	213	..	..	1 2 6	
Barwood Settlement	"	1,050	..	..	3 1 6	
	Totals ..	1,574,228	..	..	4,704 2 10	

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## DUSKY HILL PLANTATION, OTAGO.

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

It is impossible to render a favourable report on the past season's progress of trees at this station, but this is fully accounted for by the intensely dry weather experienced in the district. Throughout the whole summer the ground surface presented no sign of moisture, and it is not to be wondered at that trees materially suffered. Only few deaths are recorded, although an unhealthy yellow appearance prevails amongst the larch compartments. The "leaders" appear to have absorbed the sap available, to the detriment of other parts of the tree. No permanent ill effects, however, should eventuate if a fair rainfall is received during the coming winter. It is interesting to note that *Larix leptolepis* (Japanese larch) does not appear so sensitive to drought