

SCHEDULE 3.—Trees, &c., transferred from Starborough Nursery to Plantations, Nurseries, &c., 1907-8.

Where sent.	Name of Tree.	Number of Trees.	Value per Thousand.	Total Value.	Remarks.
Dumgree Plantation	<i>Larix Europæa</i> ..	187,825	£ s. d. 2 5 0	£ s. d. 422 12 1	All did well for two months after planting, but during the months November to February nearly all died owing to the drought, scarcely 10 per cent. being alive.
	<i>Pinus Austriaca</i> (3 years) ..	17,875	3 0 0	53 12 6	
	" <i>Austriaca</i> ..	19,450	2 5 0	43 15 3	
	" <i>ponderosa</i> (3 years) ..	20,500	3 0 0	61 10 0	
	" <i>ponderosa</i> ..	26,650	2 5 0	59 19 3	
	" <i>ponderosa</i> , var. <i>Benthamiana</i> ..	25,000	2 10 0	62 10 0	
	" <i>Laricio</i> ..	108,650	2 5 0	244 9 3	
	" <i>muricata</i> ..	5,100	2 5 0	11 9 6	
	" <i>contorta</i> ..	1,125	2 5 0	2 10 7	
	" <i>Torreyana</i> ..	240	2 10 0	0 12 0	
	<i>Robinia pseudo-acacia</i> ..	82,275	1 10 0	123 8 3	
		494,690	..	1,086 8 8	
Tapanui Nursery	<i>Larix Europæa</i> (2 years) ..	20,500	2 5 0	46 2 6	
	" " (1 year) ..	44,000	1 0 0	44 0 0	
		64,500	..	90 2 6	
Ward School, Flax-bourne	<i>Pinus muricata</i> ..	650	2 5 0	1 9 3	
	Cost of planting same ..	..	..	5 19 0	
		..	..	7 8 3	
Rotorua Nursery	Two light horses, £25, £20 ..	..	..	45 0 0	
	200 seed-frames, at 19s. 10d. ..	..	..	198 6 8	
	910 ft. piping, at 3½d. ..	..	..	13 5 5	
	45 pipe-fittings ..	..	..	3 4 7	
				259 16 8	
Ruatangata Nursery	Iron and netting for 52 seed-frames ..	..	..	40 16 1	
	400 ft. piping, at 3½d. ..	..	..	5 16 8	
	30 pipe-fittings ..	..	..	1 18 1	
				48 10 10	
Dumgree Plantation ..	As per details above ..	494,690	..	1,086 8 8	
Tapanui Nursery ..	" ..	64,500	..	90 2 6	
Ward School ..	" ..	650	..	7 8 3	
Rotorua Nursery ..	" ..	..	..	259 16 8	
Ruatangata Nursery ..	" ..	..	..	48 10 10	
	Totals ..	559,840	..	1,492 6 11	

W. CROMB,
Nurseryman in Charge.

TAPANUI NURSERY.

(Area, 120 acres, altitude, 500 ft.)

Rain fell on 127 days, with a total fall of 25·91 in., the maximum monthly fall being 3·54 in., in February.

The highest shade temperature recorded was 92°, on the 23rd January, and the lowest 24°, on the 29th July and the 13th August.

The unusually dry weather experienced during the year may be gauged from the fact that for the past nine years an average annual rainfall of 38·94 in. has been recorded locally, and springs and creeks from which this station directly obtains its water-supply again ceased running for a prolonged interval.

Towards midsummer the watering of seedlings became a difficult problem, and finally it was necessary to convey water from a stream half a mile distant. Arrangements for the extension of our water-service are now well in hand, and future difficulty in obtaining a supply is not anticipated.

Reviewing the past season's work, it is most encouraging to report the excellent results attending tree-growing operations at this nursery. Hardwood-seed sowing was carried on in May, when small quantities of oak, ash, and sycamore were sown under favourable conditions. The result was satisfactory, as may be seen on reference to Schedule 1, although the ash-seed, through being insufficiently matured when gathered, showed little signs of vitality on being taken from the pit, and consequently this crop was a partial failure. A trial sowing of 14 lb. of *Fagus sylvatica* produced 3,500 sturdy trees, which have since made good headway. Fine results were obtained from the year's conifer-seed-sowing operations, which were commenced on the 19th October, and continued for eight days. The estimated number of seedlings raised is 3,037,000, or more than two and a half times the number grown in any previous year.