

## Details of Three-year-old Trees, sown 1916-17.

Name of Tree.	Number in Nursery-lines.	Remarks.
<i>Pinus Laricio</i> .. .. .	600,000	Good plants.
„ <i>ponderosa</i> .. .. .	100,000	Medium plants.
„ <i>muricata</i> .. .. .	13,000	Good plants.
„ „ .. .. .	40,000	Very large plants.
<i>Pseudo-tsuga Douglasii</i> .. .. .	20,000	Poor plants.
<i>Picea excelsa</i> .. .. .	7,000	„
<i>Cupressus macrocarpa</i> .. .. .	8,000	Good plants.
Total .. .. .	788,000	

## Trees transferred from Nursery to Plantations, &amp;c., 1918-19.

Where sent.	Name of Tree.	Number.
Hanmer Plantation .. .. .	<i>Pinus radiata</i> .. .. .	87,000
	„ <i>Laricio</i> .. .. .	15,000
	„ <i>ponderosa</i> .. .. .	800
	„ <i>pinaster</i> .. .. .	1,850
	„ <i>Taeda</i> .. .. .	575
	<i>Populus monolifera</i> .. .. .	5,000
	„ <i>fastigiata</i> .. .. .	22,500
		132,725
Balmoral Plantation .. .. .	<i>Pinus radiata</i> .. .. .	186,800
	„ <i>ponderosa</i> .. .. .	44,000
	„ <i>Laricio</i> .. .. .	153,300
	„ <i>muricata</i> .. .. .	11,000
		395,100
Tapanui Nursery .. .. .	<i>Pinus muricata</i> .. .. .	2,000
	<i>Larix leptolepis</i> .. .. .	10,000
		12,000
Public bodies and farmers .. .. .	<i>Pinus radiata</i> .. .. .	19,450
	„ <i>Laricio</i> .. .. .	1,150
	„ <i>muricata</i> .. .. .	3,700
	<i>Populus monolifera</i> .. .. .	100
	„ <i>fastigiata</i> .. .. .	150
	<i>Cupressus macrocarpa</i> .. .. .	3,200
	<i>Larix leptolepis</i> .. .. .	700
	<i>Eucalyptus viminalis</i> .. .. .	400
	„ <i>Macarthuri</i> .. .. .	300
		29,150
Total .. .. .		568,975

## HANMER SPRINGS PLANTATION, CANTERBURY.

(Area, 3,668 acres ; altitude, 1,225 ft. ; commenced operations, 1901.)

Operations at this station were again confined almost exclusively to work in connection with the general upkeep of the plantations, a small portion only of the work for the year coming under the headings of "Utilization" and "Miscellaneous Expenses." The replacing of failures constituted the main work for the winter months, a total of 132,725 trees being used for this purpose, consisting of the following varieties: *Pinus radiata*, 87,000; *Pinus Laricio*, 15,000; *Pinus ponderosa*, 800; *Pinus maritima*, 1,850; *Pinus Taeda*, 575; *Populus deltoides*, 5,000; *Populus fastigiata*, 22,500. Of the foregoing, *Pinus radiata* did very poorly owing to the heavy snowfall experienced in July remaining on the ground until very late in the season, and thus preventing the continuation of planting operations until the season was too far advanced to transplant trees with any degree of safety. With the exception of *Pinus Taeda* all other varieties met with a fair measure of success. The season throughout was a very trying one. A snowfall without precedent occurred during the first week in July, completely holding up planting operations for over two months, and causing considerable damage to fences. Little harm, however, resulted to the plantation generally, considering that the snow reached a depth of 5 ft. 2 in. at the survey camp and over 8 ft. on the higher parts of the plantation. A few larch were laid flat in patches on the sidelings, aggregating an area of about an acre. Alder on flats adjoining Dog Creek suffered to some extent, and branches were stripped from pines