

Details of Two-year-old Trees, sown 1918-19.

Name of Tree.					Number in Nursery Lines.	Growth.
<i>Pinus Laricio</i> ..	..	..	..	..	600,000	Medium.
„ <i>ponderosa</i> ..	..	..	..	..	150,000	„
„ <i>radiata</i> ..	..	..	..	..	40,000	„
„ <i>muricata</i> ..	..	..	..	..	30,000	„
<i>Cupressus macrocarpa</i> ..	..	..	..	..	2,000	„
<i>Populus monolifera</i> ..	..	..	..	..	30,000	„
„ <i>fastigiata</i> ..	..	..	..	..	7,000	„
Total ..	..	..	..	..	859,000	

Details of Three-year-old Trees, sown 1917-18.

Name of Tree.					Number in Nursery Lines.	Growth.
<i>Pinus Laricio</i> ..	..	..	..	..	360,000	Strong.
„ <i>ponderosa</i> ..	..	..	..	..	230,000	Fair.
„ <i>Banksiana</i> ..	..	..	..	..	60,000	Medium.
„ <i>pinaster</i> ..	..	..	..	..	2,000	„
„ <i>Taeda</i> ..	..	..	..	..	300	„
<i>Cupressus macrocarpa</i> ..	..	..	..	..	5,000	„
„ <i>Lawsoniana</i> ..	..	..	..	..	1,500	„
<i>Populus monolifera</i> ..	..	..	..	..	30,000	„
„ <i>fastigiata</i> ..	..	..	..	..	7,000	„
Total ..	..	..	..	..	695,800	

Trees transferred from Nursery to Plantations, &c., 1919-20.

Where sent.		Name of Tree.			Number.
Hanmer Springs Plantation	..	{	<i>Pinus Laricio</i> ..	..	71,900
			„ <i>ponderosa</i> ..	..	28,250
			„ <i>radiata</i> ..	..	27,000
			<i>Pseudo-tsuga Douglasii</i> ..	..	32,400
			<i>Eucalyptus viminalis</i> ..	..	10,000
					169,550
Balmoral Plantation	..	{	<i>Pinus Laricio</i> ..	..	370,000
			„ <i>ponderosa</i> ..	..	49,000
			„ <i>radiata</i> ..	..	86,500
			„ <i>muricata</i> ..	..	10,000
					515,500
Tapanui Nursery	..	..	<i>Cupressus macrocarpa</i> ..	..	3,200
Farmers and public bodies	..	..	Assorted forest-trees ..	..	17,675
Total ..	..	..	..	..	705,925

HANMER SPRINGS PLANTATION, CANTERBURY.

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

The work throughout the past year was almost exclusively confined to the general upkeep of the plantation; some thinning, however, was done in the shelter-belts where necessary, and a number of snow-thrown larch were cut out. With the exception of 24,000 Douglas fir used to plant up a disused cropping-area, the replacing of failures constituted the only planting carried out—145,550 trees, comprising *Pinus Laricio* (71,900), Douglas fir (8,400), *Pinus ponderosa* (28,250), *Pinus radiata* (27,000), and *Eucalyptus viminalis* (10,000), being utilized for the purpose. The strike, however, was not altogether satisfactory, the gums proving a total failure. The plantation as a whole is presenting a very fine appearance, and tree-growth throughout has been well maintained. There has been no appearance of disease, with the exception of the green-leaf blight on isolated *Betula alba*, and the usual American blight on *Pinus austriaca*.

The older larch plantations are now showing signs of the need of thinning, and the commencement of this work will probably be necessary in the near future. A ready market can be found locally for all timber cut out, and the proceeds of sales would easily cover the cost of the work. As the result of thinnings of *Pinus radiata*, *Pinus muricata*, and snow-thrown larch 123½ cords of firewood and 244 posts and poles, of a total value of £177 2s. 7d., were disposed of during the year.