

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

Name of Tree.					Number in Seed-beds.	Number in Nursery Lines.	Growth.
<i>Pinus Laricio</i>	..	..	..	..	240,000	..	Poor.
" "	..	..	..	..	100,000	..	(Three - year - old).
" "	..	..	..	..	..	..	Good.
" <i>ponderosa</i>	..	..	..	..	17,000	..	Fair.
" <i>radiata</i>	..	..	..	..	22,000	..	Good.
" "	..	..	..	..	..	60,000	Medium.
" <i>muricata</i>	..	..	..	..	..	10,000	Poor.
" <i>pinaster</i>	..	..	..	..	..	4,000	"
<i>Cupressus macrocarpa</i>	..	..	..	..	..	1,000	"
<i>Populus fastigiata</i>	..	..	..	..	..	670	Good.
" <i>monoliferu</i>	..	..	..	..	..	3,300	"
Totals	..	..	..	..	379,000	78,970	
					457,970		

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

Name of Tree.					Number in Nursery Rows.		Growth.
					Lined in.	Lined out.	
<i>Pinus Laricio</i>	..	..	..	..	225,000	..	Medium.
" "	..	..	..	..	..	125,000	"
" <i>ponderosa</i>	..	..	..	..	..	180,000	Poor.
" <i>muricata</i>	..	..	..	..	..	13,000	Good.
" <i>pinaster</i>	..	..	..	..	..	900	"
<i>Pseudo-tsuga Douglasii</i>	..	..	..	..	..	5,000	Poor.
<i>Cupressus macrocarpa</i>	..	..	..	..	..	1,200	Fair.
Totals	..	..	..	..	225,000	325,100	
					550,100		

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

Where sent.	Name of Tree.				Number.
Greenvale Plantation	<i>Pinus Laricio</i>	..	..	..	356,800
	" <i>radiata</i>	..	..	..	78,500
	" <i>Banksiana</i>	..	..	..	5,825
	<i>Larix leptolepis</i>	..	..	..	2,500
	<i>Pseudo-tsuga Douglasii</i>	..	..	..	8,500
					452,125
Conical Hills Plantation ..	<i>Pinus Laricio</i>	..	..	..	9,000
	" <i>ponderosa</i>	..	..	..	1,425
	" <i>radiata</i>	..	..	..	5,600
					16,025
Pukerau Plantation	<i>Pinus Laricio</i>	..	..	..	6,000
	" <i>radiata</i>	..	..	..	3,000
					9,000
Farmers and public bodies	Assorted forest-trees	..	..	..	43,477
Total	..	..	..	..	520,627

CONICAL HILLS PLANTATION.

(Area, 3,672 acres; altitude, 400 ft. to 1,050 ft.; commenced 1903.)

Owing to unfavourable climatic conditions tree-growth has not been vigorous, but a fair rate of development may be observed over the majority of the older blocks. On the tops of the ridges the effects of the drought are apparent, but on the southern slopes, where *Pinus Laricio*, *Pinus austriaca*, and *Pinus ponderosa* have been chiefly planted, the growth made by each of the species is but little below that of previous years. The absence of sufficient moisture during the autumn months has militated against the progress of spruce; but Douglas fir has made satisfactory headway, averaging fully 30 in. of vertical growth. An early cessation of growth accompanied by premature needle-shedding occurred in the larch compartments. *Pinus radiata*, which occupies the more recently planted blocks, has withstood dry conditions fairly well, and has made on the average 2 ft. of strong healthy growth.