

forests, but in the form of low-grade logs and sawmill waste, since for the utilization of high-grade logs down to 4 in. diameter inside bark (which is the smallest timber usually accepted by pulp-mills) the Scandinavian type of sawmill is as well adapted as the pulping unit, possessing the additional advantages of smaller size and lower investment.

Already the production of exotic timber has attained a level of 15,000,000 ft. board measure per annum, and is rapidly increasing, the increase being limited solely by the lack of available supplies of mature trees. All available supplies of thinnings will probably be required for many years to maintain this increasing production; and the fact that over 80 per cent. of the Dominion's fruit and cheese exports, and enormous quantities of other boxed goods, are shipped in exotic-pine timber containers is evidence of the growing popularity of these woods. Likewise they are replacing white-pine (*Podocarpus dacrydioides*) for concrete boxing and rimu for rough constructional, scaffolding, and general building framework, while in some districts complete houses and other buildings are being constructed of exotic timbers.

CHAPTER I.—MANAGEMENT.

I. AREAS OF STATE FORESTS AS AT 31ST MARCH, 1934.

TABLE 1.

Forest Conservation Region.	State Forests.		Provisional State Forests.		Totals.	Percentage of Total Area in Region under Reservation.
	Ordinary.	National Endowment.	Ordinary.	National Endowment.		
	Acres.	Acres.	Acres.	Acres.	Acres.	
Auckland ..	172,698	38,218	246,136	57,709	514,761	5.99
Rotorua ..	318,465	227,881	151,721	92,414	790,481	15.73
Wellington ..	881,336	37,309	106,473	36,231	1,061,349	7.09
Nelson ..	196,093	29,836	1,290,910	717,903	2,234,742	31.89
Westland ..	455,318	54,340	669,594	539,473	1,718,725	44.48
Canterbury ..	332,746	3,647	..	..	336,393	3.39
Southland ..	277,902	..	880,187	67,034	1,225,123	7.22
Totals ..	2,634,558	391,231	3,345,021	1,510,764	7,881,574	11.87

At the close of the year the total area under Forest Service control was 7,881,574 acres, a net increase of 40,136 acres when compared with the figures for the previous year. The total new area proclaimed was 38,490 acres, and the area withdrawn from reservation 8,048 acres.

Although since the inception of the Service fourteen years ago the area dedicated to forestry has progressively increased by approximately 4,000,000 acres, or by more than 50 per cent., it does not yet comprise 12 per cent. of the superficial area of the whole Dominion—a fact which provides food for serious thought when it is stated that in the considered opinion of Old World foresters of recognized repute an insular country such as ours, to attain the minimum safety-point, should, as a general rule, have not less than 25 per cent. of its area placed under forest management.

The largest individual block withdrawn was 2,300 acres of cut-over bush land in North Auckland, which was made available for settlement under the Land Act; a block of 1,900 acres was added to the Sounds National Park, whilst areas set apart as scenic reserves in various parts of the Dominion accounted for another 964 acres. Other areas released for settlement were (in land districts) North Auckland, 760 acres; Nelson, 1,000 acres; Marlborough, 132 acres; and Westland, 883 acres. Certain adjustments to the total area were rendered necessary during the year owing to later surveys, amendments of existing boundaries, &c., and these corrections resulted in the grand total being increased by 9,693 acres.

The following tables (Nos. 2 and 3) summarize the changes in area referred to :—

TABLE 2.

SUMMARY OF AREAS WITHDRAWN FROM STATE AND PROVISIONAL STATE FOREST RESERVATION, 1ST APRIL, 1933, TO 31ST MARCH, 1934.

Forest Conservation Region.	For Settlement Purposes.		For Scenic Reserve : Provisional State Forest.	For Recreation Reserve : Provisional State Forest.	For National Park : Provisional State Forest.	Total.
	State Forest.	Provisional State Forest.				
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Auckland ..	2,348	781	..	..	..	3,129
Rotorua ..	2	..	..	..	..	2
Nelson ..	133	1,000	964	..	..	2,097
Westland ..	39	844	..	..	..	883
Southland ..	..	..	..	38	1,900	1,938
Totals ..	2,522	2,625	964	38	1,900	8,049