ruce. A and door

5 square s. The One of Forthern of the remainretching s under erchantalready

s, totalf these, are the outside ountain and, in history, reproor fuel, or con-

around katcheth and stward

ind tree serves. g interexceedewo or atinued e blow

timum mostly d area The majority of the stands, however, are immature. Fires the swept over a large proportion of the dry sandy sites and have done much damage. However, as the species reproduces well on borns, the forest condition is satisfactory, except where repeatedly fire-swept. Under such circumstances park-like stands result, with limby, damaged trees, useful only for fuel; in extreme cases open grassland is formed.

The older trees are very widely attacked by a parasitic dwarf mistletoe (Arceuthobium americanum), whose presence is indicated by the formation of abnormal bushy masses of branches known as "witches' brooms." These interfere very seriously with wood production, and may in time kill the tree. To prevent to feel of the lisease it is necessary to eradicate the affected to this end is highly desirable that the removal of such trees be favoured by reduced dues. The younger affered unusual destruction by rabbits during the winter of 192

The better soil areas are, of course, occupied spruce and balsam poplar in the moister places these, however, is secondary. The drier swarm areas carry black spruce and tamarack, mostly of small size; this as reduced to a border growth in the case of the wetter ones.

These reserves have been largely cut over for tie tin and for the present they will be of value mostly as a source of local fuel supply, especially in the case of those near Prince Albert. If the arc kept out, the future of the forest growth is assured, on account of the persistence of the jack pine. The Pines and the Nisber well supplied with trails and surrounded by settlements. The persistence populations while the burns which are not restocking a fer very traile optor tunity for successful planting.

FOREST CONDITIONS ON DOMINION LANDS IN A TA

The spruce forest of Manitoba and Saskatchewan communications across the northern end of the prairie region of Alberta, finally mingling with the Rocky Mountain forest of the western portion the province. In both these forest regions timber berths and forest reserves are in existence.

Licensed lands in 1912 totaled 2,174 square miles, and lands held under permit, 40 square miles. Probably one-third of the licensed area lies within the Rocky Mountains reserve described below. The other ber'hs are scattered along the North Saskatchewan and its tributaries below Rocky Mountain House, along Athabaska waters, and on Peace River tributaries