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heavy precipitation. Just to the east is the Gulf Stream and from the warm waters of the Gulf Stream there continually rise clouds of vapor that are carried to the west and condensed into snow against the mountain tops, somewhat as we have a nearly perpetual snowfall upon the high slopes and tops of the Cascade Mountains in Washington and British Columbia.

British Columbia is commonly considered the warmest province of Canada, but because of high altitude and heavy precipitation it contains over three-fourths of all the permanent snow and ice in continental Canada. Nearly all the rest is in the high mountains of the territory to the north—the Yukon.

Snowfall not Heavy

A corollary of the idea that the north is covered with snow even in summer is the one that it is a region of heavy snowfall. This is far from being true. If you take a map of North America and place your pencil near the southwestern corner of Alaska on the coast of Behring Straits, you may draw a line east, along the south coast some fifty miles inland. When you come east to British Columbia your line turns south, still keeping fifty or a hun-

dred miles inland. When you come near the international boundary your line will run east following the boundary between the United States and Canada, roughly. This is the line of heaviest snowfall. South of that line, generally speaking, you have less and less snow and north of it you also have less and less snow.

In the north polar regions there is, to begin with, very little snow on the ground at the end of winter. We have already said that in some parts of the polar regions the temperature is 100° in the shade in the summer. It would have to be a very peculiar kind of snow if a little of it, more or less covering the ground in winter, would last far into the spring. Of course it does not last long but disappears like magic. For two or four or five months, according to just where you are, you have green prairies and flowery meadows that are a delight to the eye and would be delightful to every sense but for the unbelievable plague of insects—mosquitoes, sandflies, horseflies, and the like. In the development of the country these will prove a drawback next in seriousness to the wall of ignorance that surrounds the northern lands. China's wall of masonry was never a very efficient barrier. A wall of misinformation is more effective, more difficult to tear down.

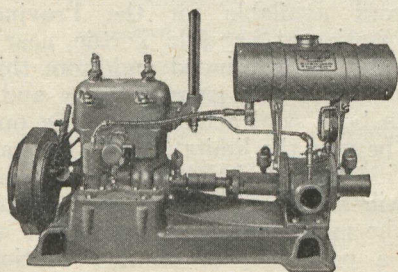
PLANTING BY WATER COMPANIES

Harrisburg, Pa. — Water companies, owners of mining properties, and clubs of sportsmen in Pennsylvania planted more than 1,200,000 young forest trees on their holdings during the spring of 1922, according to an announcement made by Major R. Y. Stuart, the State's chief forester. During the last eight years the same groups have set out about 5,217,000 seedlings.

Last spring, the mining companies' plantings exceeded those of water companies and outing clubs by a wide margin. The former planted 840,000 young trees to provide a future timber supply for the operation of their mines. The water companies set out 320,600, and the clubs, 86,470.

The largest individual planting in the spring of 1922 by a water company was made by the Pennsylvania Water and Power Company, of Holtwood, which set out 70,000 trees. Ten thousand less were planted by the Williamsport Water Company. Four other companies set out more than 25,000 each.

Of the mining corporations, the Clearfield Bituminous Corporation led with 130,000. Nine other companies planted over 50,000 trees each.



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