sized balsam poplar, cut it down and made the following measurements of it: diameter at stump, exclusive of bark, 29 inches: diameter at first limb, exclusive of bark, $17\frac{1}{2}$ inches: from stump to first limb, 90 feet; number of growth rings, 145. The bark would add at least four inches to the diameters given. I have often thought that the bark of this tree would answer some of the purposes to which cork is applied. All the way up the East Branch River, moose and deer tracks were very numerous and fresh, but we never saw any of them, for the that we had simple reason time to take the necessary precaution, long before we were in range of vision, to prevent them seeing 118

I arrived at Fort Nelson in the afternoon of September 15th, and much against my will had to remain until the morning of the 22nd. The 16th, 17th, and 18th were three days of continuous rain, which culminated on the

which clung to the trees and so loaded them that thousands of them bent and broke. No one at the post remembered any such catastrophe, as it may appropriately be termed, and certainly the forest furnished no evidence of such a meteorological phenomenon. The forest will bear witness of this one for generations, in the

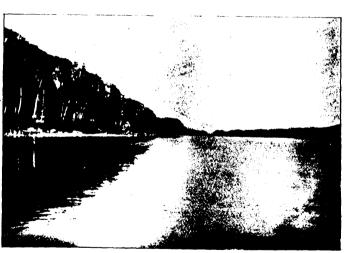
numerous broken trunks of trees of enter the post together, and from this all sizes.

and cold, and the clearness of the sky two chiefs, seated in their canoes (when

point as latitude 58° 49′ 18″, longitude 122° 54′ 06″.

1 found there were only three or four Indians here, and of these only one knew anything of the route by which I proposed to reach Peace River. His trip through to that river had been made when he was a child, consequently his recollections of the route and its direction and difficulties were not very trustworthy. Besides, as he was a cripple, his services as a man would have been nil, while as a guide they would have been very doubtful. The Indians attached to the post were expected in from their summer's hunt in a few days: in fact it was known that some of them were only a short distance up the river, waiting for the rest to join them before they came in.

There were two bands under two chiefs due. It appears to be a rule that both must come into the post accompanied by all the members of their bands together. A rendezvous and time 19th in a heavy downfall of sleet are appointed at which they meet and



EAST BRANCH LIARD RIVER, About 15 miles above the Forks.

rule they will not depart unless under The evening of the 20th was clear stress of want. At their entry the enabled me to fix the position of this entry is made in the summer), with a