

pendix
(Z.)
March. days, was a fine valley; evidently having a river winding through it, as we repeatedly heard the roar of waters in that direction; and we have little doubt would offer facilities for the passage of a road. The timber around our camp was swamp-ash, elm, and maple. Thermometer at eight o'clock, thirty three.

October 31st.

Thermometer at six o'clock, twenty-nine. At eight o'clock we sent two men forward to clear away the brush wood up the hill. At a quarter past nine our men with the provisions made their appearance on the opposite side of the river. When every thing was crossed over, we immediately commenced our march by ascending a bank about twenty feet. The land continued good and level for five hundred feet, when it became swampy one hundred and fifty feet, and three hundred and fifty feet up a steep hill. The top of the hill was flat for one hundred feet, when we again ascended a rather steep rise three hundred and fifty feet, and continued up a still more steep and rugged ascent, three hundred and fifty feet, when we gained the summit of the hill; timber, a young growth of poplar, spruce and balsam. The remains of half burnt pine and hemlock trees, scattered about. We proceeded onwards fifteen hundred feet over level land; the first thousand feet being covered with beech and maple, the next five hundred, mixed timber. We then descended gradually five hundred feet into a ravine, where we dined by the side of a brook. As our men who had been to the "cache" were much fatigued, and the rain descended heavily, we fixed our camp for the night. We again determined to leave some flour "en cache" to preserve it from the wet.

November 1st.

Thermometer at six o'clock, thirty eight. The morning cloudy and wet. Started at eight o'clock; chained two hundred and fifty feet gently ascending, and five hundred feet level ground, covered with mixed timber to the edge of a swamp. Two hundred and eighty feet brought us to a stream running south east, its banks bearing alder bushes. One thousand feet more, brought us across the swamp to the foot of a hill; the last five hundred feet was not so wet as the preceding. The hill was steep and rugged, but five hundred feet brought us to the top; timber, beech and maple. One thousand feet of good land, very gradually ascending, among hard wood, intermixed with birch, hemlock, balsam and spruce, conducted us to a short swamp of one hundred feet; after which the land continued level for three hundred feet more; timber mixed. We then gently descended five hundred feet among beech and maple into rather swampy ground, and black timber, which lasted five hundred feet. The rain now descended heavily, and the whole party being completely soaked to the skin, we determined to stop a little earlier than usual to get our things dry, if possible, before we slept. We therefore encamped in the swamp for the night. Towards night the rain increased.

November 2nd.

Thermometer at six o'clock, thirty nine. It had rained without intermission the whole night, and the early part of the morning. We commenced our march at a quarter before seven o'clock, the heavy rain having suddenly given way to a thick wetting mist. We passed over five hundred feet low, and owing to the rain, very wet ground; timber, beech, maple, balsam, hemlock and spruce. Two hundred and eighty feet more was level, and the timber, beech and maple; then we gradually descended among black timber one thousand feet to the banks of a stream, running northwards. Fifteen hundred feet of level land, mixed timber, led us to a swamp, which measured five hundred feet across. We then ascended a hill five hundred feet, and five hundred feet tolerably level; soil good; timber, beech and maple. Again we ascended a rather steep hill five hundred feet, and continued over level land seven hundred and eighty feet; and one thousand feet very gradually descending among beech and maple trees, to the banks of another stream. After crossing the stream we passed over fifteen hundred feet of fine land, very gradually ascending; timber, beech and maple. This brought us to a moist, rather swampy tract, which measured thirteen hundred feet across, and ended in a precipitate descent into a gully. Here we dined, and afterwards made a circuit of three hundred and fifty feet to the foot of a steep hill on the opposite side of the gully, crossing in our progress a small river; and again proceeded on our line. We first crossed an alder meadow one hundred and fifty feet, and

then ascended a steep and rugged hill five hundred feet; and three hundred and fifty feet along the flat summit, to a deep ravine, fifty feet across: Timber mixed. Fifty feet beyond the ravine, we ascended a steep rocky hill five hundred feet, the last hundred almost perpendicular and encumbered with loose fragments of rock, which rendered the footing extremely uncertain. Three hundred and fifty feet more gradually ascending brought us to the summit of the mountain; timber mixed, but chiefly hard wood: The view from the top of the mountain was remarkably fine. At a great distance to the south, we could distinguish a large sheet of water. To the north west a valley running parallel with our line, and not more than half a mile distant, probably less. We encamped on the top of the mountain for the night. A thick wetting mist in the evening.

November 3d.

Thermometer at six o'clock, thirty six. We went three hundred feet northwards, to avoid a very abrupt descent of the mountain, and commenced work at a quarter before eight o'clock, by descending two hundred feet down the side of the hill, and passing over thirteen hundred and fifty feet level land, to the side of a small lake. Timber round this lake or pond, spruce, cedar and balsam. We went round the north end of the pond, and passed four hundred feet through a swamp and five hundred feet gradually rising; black timber. Two hundred and eighty feet of level land, and five hundred feet ascending, brought us to the summit of a hill; timber, beech and maple. We descended rapidly into a ravine, one hundred feet; and afterwards sixteen hundred feet over a flat, covered with a variety of timber. We continued our march up a hill four hundred feet, among beech and maple, and one thousand feet fine level ground, thickly covered with hard wood; and then descended five hundred feet into low wet land. Seven hundred and eighty feet of this rather swampy land, brought us into much dryer ground, and perfectly level, for one thousand feet; the timber mixed. We again gradually ascended a hill, five hundred feet; here we dined; and afterwards descended five hundred feet crossing two ravines upwards of sixty feet wide. A short distance in advance of the last ravine we observed a Surveyor's blaze. We desired our men to cease cutting, while we followed the blaze each way, to find a post. We succeeded in falling in with both; that to the south being marked R. four and five; and the one on the north, five and six. We determined upon following the blaze from the south post; but it being too late to proceed this evening, we returned to the line and fixed our camp. It rained all the evening, and in the course of the night we had a fall of snow. We had not seen a clear sky for many days and nights, but had constantly suffered from extreme wet.

November 4th.

We this morning dispatched three men for the provisions we had left "en cache," and sent the remainder forwards to clear a path to the post about ten acres to the south of the camp, with orders, if they had time, to clear away the brush a few acres towards the north east. The men mistook our orders and continued to the south beyond the post, passing over land which had suffered materially from fires. At length they arrived at the edge of a steep rocky mountain from which they could see the River Saint Lawrence. The snow was falling at the time, and it was only the gusts of wind cleared away the drift, that they could distinguish any distant object. At three o'clock the men returned with the provisions, and in the evening the weather cleared up and became extremely cold. Thermometer at eight o'clock, thirty degrees.

November 5th.

A fine clear morning; the first we had enjoyed for some days. Thermometer at six o'clock, twenty five. Left our camp at a quarter before seven o'clock, and proceeded to the post, from whence we continued along the line between the fourth and fifth ranges of the Township of Brandon. For several acres we descended the side of a steep and high hill, and crossed a stream running towards the south. After crossing the stream we reached the foot of a cliff about forty feet in height, almost entirely composed of felspar. The view from the summit was over a level tract of land on each side, and from appearances we had some reason to believe we were in the neighbourhood of settlements. We proceeded over a level tract for about a quarter of a mile, thence over a hill into a swampy valley. Here we waited some time in full

Appendix
(Z.)
1st March.