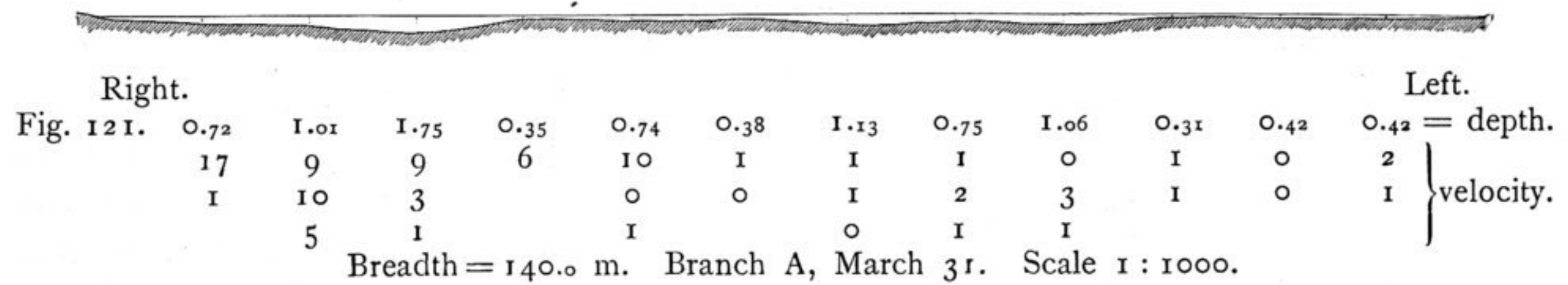
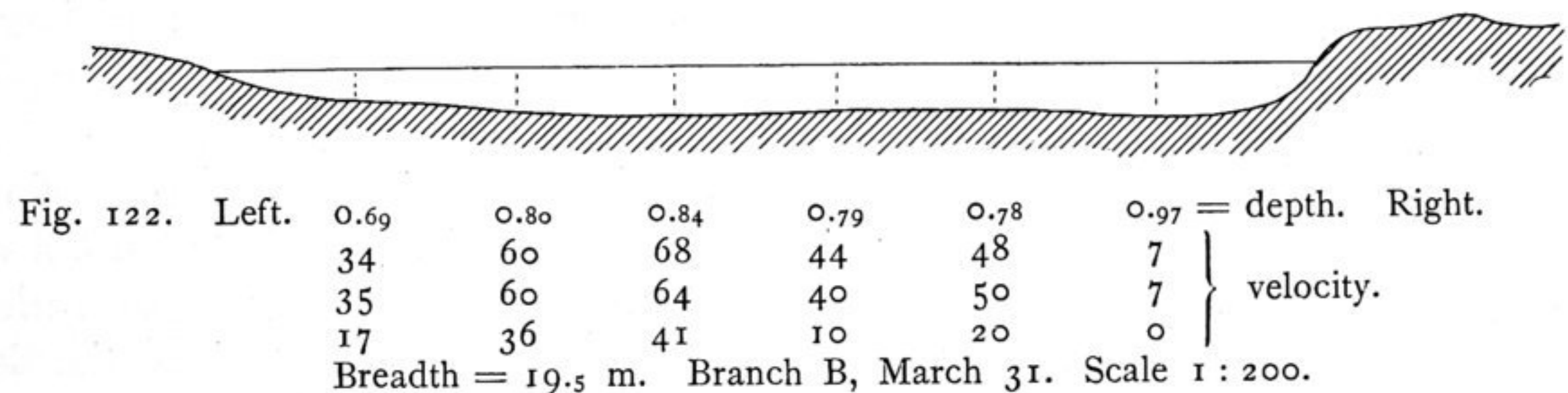


Taking as my guide one of the men who swam across all the actively flowing streams between Camp No. CLXVII and Camp No. CLXXIV, I now travelled along each successive stretch of firm shore, tracing out these waterways one by one. The first of them, the arm A, was very indistinct and shallow; evidences of its recent formation were discernible in the temporary, and but little eroded character of its bed, as well as in the abundance of steppe plants and tamarisks with which it was accompanied. Its breadth amounted to 140 m., its mean depth to 0.695 m., its mean velocity to 0.0321 m. in the second, and its volume to 3.12 cub.m. in the second. The greater part of this insignificant and slowly moving volume flowed through the deeper channel to the east, where the depth was 1.75 m.



The arm B bore a closer resemblance to a river-bed, because in it the erosion was farther advanced. Its breadth was 19.5 m., its mean depth 0.696 m., its mean velocity 0.3243 m., and its volume 4.40 cub.m. in the second. Its right bank, like the left bank of arm A, consisted of clay ridges, with tamarisk-mounds.

But arm C was the first that afforded distinct indications of being a real, decisively excavated river-bed. Its breadth amounted to 9.8 m., its mean depth to 1.588 m., its mean velocity to 0.5572 m., and its volume to 8.67 cub.m. These measurements were taken where it was narrowest, its general breadth in other parts being two or three times greater. On emerging from the Tschajnot-köl its waters gather into a broad channel, and by a similar broad channel it discharges into the lake-basins to the north.



Then follow two small arms, partly hidden in the reeds, partly subdivided into a number of shallow, winding channels. Judging by the eye, I estimated their volume at about one cub.m. each.

Arm E was 50.1 m. broad, 0.744 m. in mean depth, 0.1913 m. in mean velocity, and had a volume of 7.13 cub.m. in the second.

The dimensions of arm F were as follows — breadth, 68.0 m.; mean depth, 0.415 m.; mean velocity, 0.0680 m.; and volume, 1.92 cub.m.

Hence these five arms, together with the two arms D, had altogether a volume of 27.24 cub.m. in the second. All are extremely short, and owing to the re-