

observed in the centre of the loch near the northern end. The area of the lake-floor covered by less than 25 feet of water is about 56 acres, or 96 per cent. of the total area.

*Temperature Observations.*—Temperatures taken at 5 p.m. on July 28, 1902, in the deep part of the loch gave the following results:—

Surface ... ..	57°·5 Fahr.
5 feet .. ..	57°·5 „
7 „ . . . .	57°·5 „
15 „ ... ..	57°·1 „
25 „ .. . .	56° 0 „

*Loch a' Bhaid-Luachraich* (see Plate L.).—Loch a' Bhaid-Luachraich (or Goose Loch) lies about a mile to the east of Loch Ewe, into which it drains at Aultbea by the Allt Bheithe. It is surrounded by low, rounded hills, steep only towards the south-east, covered with peat or morainic material. It is extremely irregular in outline, and in fact may almost be looked upon as two lochs with a connecting arm. The south-western part is shallow, the maximum depth observed in it being 43 feet, while the north-eastern part is much deeper, having a maximum depth of 143 feet; the maximum depth observed in the connecting arm was 15 feet. The lower part where the stream leaves the loch is thickly overgrown with reeds and rushes, and weeds are abundant in the two bays at the head of the loch. It was surveyed on July 29 and 30, 1902, and the elevation was determined, by levelling from bench-mark, as being 309·6 feet above the sea, when levelled by the officers of the Ordnance Survey on August 3, 1870, the elevation was found to be 310·5 feet above sea-level.

Loch a' Bhaid-Luachraich is over 1½ miles in length, and over a mile in maximum breadth, with a mean breadth of one-third of a mile. It covers an area of half a square mile, and it drains directly an area of 3½ square miles, but since it receives the outflow from Loch Mhic' Ille Riabhaich its total drainage area is nearly 4 square miles—an area eight times greater than that of the loch. The volume of water is estimated at 486 million cubic feet, and the mean depth at 34 feet. The bottom in the south-western part of the loch is rather irregular, while the north-eastern part forms a simple deep basin, the maximum depth of 143 feet having been observed near the centre at the widest part of this portion. Section A-B is taken across this wide portion at the position of the deepest sounding. The areas between the consecutive contour-lines, and the percentages to the total area, are as follows —

0 to 25 feet	184 acres	56·2 per cent
25 „ 50 „	84 „	25·5 „
50 „ 75 „	17 „	5·3 „
75 „ 100 „	17 „	5·0 „
Over 100 „	26 „	8·0 „
	<hr/> 328 „ <hr/>	<hr/> 100·0 „ <hr/>