

deepest sounding in 42 feet was taken about 400 yards from the south-western shore. The area covered by less than 10 feet of water is about 154 acres, or 24 per cent. of the total area of the loch, while the area covered by more than 25 feet of water is about 113 acres, or 18 per cent. Temperature observations on the date of the survey gave identical readings at the surface, at 10 feet, and at 25 feet, viz. 48°·0 Fahr.

Loch Allt an Fheàrna (see Plate II.).—Loch Allt an Fheàrna (or Loch an Alltain Fhearna, or Lóch Alt-an-Fearn) lies about half a mile to the west of Loch Baddanloch, into which it flows by the Uidh a' Uhlàrain. It is pear-shaped, narrowing from the south-east towards the north-west, and is nearly a mile in length, with a maximum width of over half a mile, the mean breadth exceeding one-third of a mile. Its waters cover an area of about 212 acres, or one-third of a square mile, and it drains an area of 2 square miles. The maximum depth of 36 feet was observed approximately in the centre of the wide part of the loch, that is to say, nearer the south-eastern than the north-western end. The volume of water is estimated at 132 million cubic feet, and the mean depth at $14\frac{1}{3}$ feet. The loch was surveyed on October 18, 1902, but the elevation of the lake-surface could not be determined; when visited by the officers of the Ordnance Survey on December 3, 1870, the elevation of the lake-surface was found to be 432·6 feet above the sea. A drift-mark was observed 1 foot above the water on the date of the survey.

Loch Allt an Fheàrna is quite simple in conformation, the bottom sloping down on all sides towards the deepest part, which lies in the south-eastern part of the loch, the deepest sounding in 36 feet having been taken about 450 yards from the south-eastern shore. The slope of the bottom is on the whole steeper off shore than in the deeper water, as is shown in the following table giving the areas between the consecutive contour-lines, and the percentages to the total area of the loch:—

Feet.	Acres	Per cent
0 to 10	68	32
10 „ 20	99	47
20 „ 30	34	16
Over 30	11	5
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	212	100

Temperature observations taken in the deepest part of the loch at 2.30 p.m. on October 18, 1902, gave identical readings at the surface, at 17 feet, and at 34 feet, viz. 46·0 Fahr.

Loch na Moine (see Plate II.).—Loch na Moine (or Achnamoine) lies about $2\frac{1}{2}$ miles from Kinbrace station on the Highland Railway, and about $1\frac{1}{2}$ miles to the south-east of Loch Baddanloch, the overflow from which is carried into it by the An Fh' Mhor. It is a small shallow loch, remarkable