

on the date of the survey the sun could not be seen, except by going over to the north-west shore. The two lochs trend in a north-east and south-west direction, and together have a total length of  $4\frac{3}{4}$  miles. Loch a' Bhealaich exceeds  $1\frac{1}{2}$  miles in length, with a maximum breadth of a quarter of a mile. Its waters cover an area of about 175 acres, or over a quarter of a square mile, and it drains an area of nearly 6 square miles. The maximum depth of 80 feet was observed towards the north-east end of the loch. The volume of water is estimated at 238 million cubic feet, and the mean depth at over 31 feet. The loch was surveyed on October 17, 1902, when the elevation of the lake-surface was found to be 572.2 feet above sea-level. The water might rise 2 or 3 feet above, and fall about  $1\frac{1}{2}$  feet below, that level.

The main body of Loch a' Bhealaich is quite simple in conformation, but at the north-east end there is a small expansion of the loch, having a maximum depth of 14 feet, separated from the main body by a constriction in which the depth is 9 feet. The 25-foot area is over a mile, and the 50-foot area over half a mile, in length, the deeper water being contained in the north-eastern half of the loch, the deepest sounding in 80 feet having been taken about a quarter of a mile from the north-eastern shore. The areas between the contour-lines and the percentages to the total area of the loch are as follows:—

0 to 25 feet	77 acres	44 per cent.
25 ,, 50 ,,	69 ,,	39 ,,
Over 50 ,,	29 ,,	17 ,,
	<hr/>	<hr/>
	175 ,,	100 ,,
	<hr/>	<hr/>

Temperature observations taken in the deepest part of the loch gave  $48^{\circ}9$  Fahr. at the surface and at 40 feet, a reading at 76 feet giving  $48^{\circ}4$ .

*Loch Coir' an Fheàrna* (see Plate LXXIII.).—Loch Coir' an Fheàrna (or Corr, or a-Choire) is a fine sheet of water, well wooded along the south-eastern shore, the Duke of Sutherland's lodge standing at the lower (north-eastern) end. It is over 3 miles in length, and comparatively uniform in breadth, the maximum breadth being half a mile, and the mean breadth over one-third of a mile. Its waters cover an area of about 737 acres (considerably over 1 square mile), and it drains directly an area of about  $18\frac{1}{2}$  square miles, but since it receives the outflow from Loch a' Bhealaich, its total drainage area is about  $24\frac{1}{2}$  square miles. The maximum depth of 151 feet was observed comparatively near the south-west end. The volume of water is estimated at 1886 millions of cubic feet, and the mean depth at nearly 59 feet. The loch was surveyed on October 15 to 17, 1902, the elevation of the lake-surface on commencing the survey on the 15th was found to