

0 to 50 feet	482 acres	42·7 per cent.
50 ,, 100 ,,	385 ,,	34·1 ,,
100 ,, 150 ,,	208 ,,	18·4 ,,
Over 150 ,,	54 ,,	4·8 ,,
	<u>1129</u> ,,	<u>100·0</u> ,,

Temperature Observations.—The following table gives the results of observations taken in Loch Luichart by Mr. Clark on August 25, 1901, and by the Lake Survey on August 16, 1902:—

Depth in feet.	August 25, 1901 (R. M. Clark).	August 16, 1902, 5 p.m. Deepest part of loch in 152 feet.	August 16, 1902, 6 p.m. Near N.W. end in 93 feet.
	° Fahr.	° Fahr.	° Fahr.
0	60·6	55·9	56·0
10	60·0
20	59·6	55·8	..
40	59·1
50	..	54·8	56·0
60	57·2
70	56·0
75	..	51·6	..
80	50·9	.	..
90	..	.	48·5
100	50·5	48·4	.
150	..	48·0	.

The range of temperature shown by the 1901 observations amounts to 10°, while that shown by the 1902 observations amounts to 8°. The temperature of the upper 60 feet of water was higher in 1901 than was observed in 1902, as was also the case at a depth of 100 feet, but a lower reading was recorded at 80 feet in 1901 than at 70 and 75 feet in 1902. The two serials taken in 1902 show the effect of the strong wind which was blowing up the loch at the time of the survey, the maximum temperature observed extending down to a depth of 70 feet near the head of the loch, whereas 1½ miles further down the loch the temperature was always lower, amounting to a difference of 1°·2 at 50 feet and 4°·4 at 70 feet, beyond which depth a much larger fall of temperature was observed towards the head of the loch than was recorded farther down (equal to a fall of 7°·5 in the interval of 20 feet between 70 and 90 feet in the former case, and a fall of 3°·2 in the interval of 25 feet between 75 and 100 feet in the latter case).

Loch Beannachan (see Plate LVIII).—Loch Beannachan (or Ben-nachran) is situated at the head of Strath Conon, amid wild moorland scenery. It trends in a west-north-west and east-south-east direction,