

| Feet. | | | | Acres. | | Per cent. |
|-----------|-----|-----|-----|--------|-----|-----------|
| 0 to 25 | .. | ... | ... | 57 | ... | 38·5 |
| 25 ,, 50 | ... | .. | .. | 39 | ... | 26·3 |
| 50 ,, 75 | . | .. | .. | 33 | ... | 22 1 |
| 75 ,, 100 | .. | .. | .. | 12 | ... | 8·1 |
| Over 100 | ... | ... | . | 8 | ... | 5·0 |
| | | | | — | | — |
| | | | | 149 | | 100·0 |

The loch was surveyed on June 6, 1903, when the elevation was found to be 420·0 feet above the sea; when visited by the Ordnance Survey officers on August 31, 1864, the elevation was 422·9 feet above sea-level.

Temperature Observations.—Serial temperatures were taken in the deepest part of the loch with the following results :—

| | | | | | | |
|-------------|-----|-----|-----|-----|-----|-------------|
| Surface ... | ... | ... | ... | .. | ... | 60°·0 Fahr. |
| 10 feet . | .. | ... | ... | .. | ... | 59°·8 ,, |
| 20 ,, . | .. | ... | ... | ... | ... | 55°·7 ,, |
| 45 ,, . | ... | ... | ... | .. | .. | 47°·8 ,, |
| 90 ,, ... | .. | ... | ... | ... | ... | 47°·0 ,, |

These observations show a range of 13° from surface to bottom, there being a fall of about 4° between 10 and 20 feet, and a further fall of about 8° between 20 and 45 feet.

Loch Dubh-mòr (see Plate XXXI.).—Loch Dubh-mòr is a small but comparatively very deep loch situated less than a mile to the south-east of Loch Tralaig, and little more than a mile to the north-west of Loch Avich. The outline is sub-circular, though the shore-line is somewhat irregular, the maximum diameter being about one-third of a mile. The superficial area is about 30 acres, of which 54 per cent. is covered by less than 50 feet of water, and 9 per cent. by more than 100 feet of water. Near the north-eastern shore is a small deep area enclosing the maximum depth of 114 feet, the shore-slope being steepest in this locality. The volume of water is estimated at 66 million cubic feet, and the mean depth at 51 feet. The elevation could not be determined by levelling, but is apparently about 900 feet above the sea.

Temperature Observations.—Serial temperatures taken on June 5, 1903, in the deepest part of the loch gave the following results :—

| | | | | | | |
|-------------|-----|-----|-----|-----|-----|-------------|
| Surface ... | ... | ... | ... | ... | .. | 57°·4 Fahr. |
| 10 feet ... | ... | ... | ... | ... | .. | 57°·0 ,, |
| 15 ,, ... | .. | ... | ... | . | ... | 54°·6 ,, |
| 20 ,, ... | ... | .. | ... | ... | ... | 49°·2 ,, |
| 25 ,, ... | ... | ... | ... | ... | ... | 47°·8 ,, |
| 50 ,, ... | ... | .. | ... | ... | .. | 46°·0 ,, |
| 100 ,, ... | .. | ... | ... | . | ... | 44°·7 ,, |

These readings are all lower than those taken at similar depths in the larger Loch Tralaig on the following day, the difference at the depth of 20 feet, for instance, being as much as 6°·5. The range shown by these observations is 12°·7, the most rapid fall being recorded between