

larger and deeper basin occupies the wide southern portion of the loch; the slope off the eastern shore is in places very steep. The surface temperature was 63°·0 Fahr.

Loch an Losgainn Mòr (see Plate XXXI.) is an irregular loch situated about a mile south-east of Loch a' Phearsain, trending nearly east and west, and exceeding half a mile in length. The loch lies in a rock-basin, and covers an area of about 33 acres, the volume being estimated at 27 million cubic feet. It was surveyed on May 29, 1903, when the elevation was 508·4 feet above the sea, which differs little from the elevation determined by the Ordnance Survey on October 4, 1864, viz. 508·6 feet. A prominent peninsula projecting from the southern shore cuts the loch into two unequal basins, the smaller to the east of the peninsula having a maximum depth of 29 feet, the larger occupying the wide portion of the loch to the west of the peninsula, and having a maximum depth of 51 feet. Of the entire lake-floor, about 68 per cent. is covered by less than 25 feet of water.

Temperature Observations.—Serial temperatures taken in the deepest part gave the following results:—

Surface ..	...	...	...	...	...	60°·4 Fahr.
10 feet ...	...	...	...	...	...	58°·0 ,,
20 ,, ...	...	...	...	...	...	54°·8 ,,
40 ,, ...	...	...	...	...	...	49°·5 ,,

These observations show a range of about 11° from surface to bottom, the fall of temperature being tolerably uniform.

Kilchoan Lochs (see Plate XXX.)—Two small lochs trending in a north and south direction, and situated in close proximity about half a mile from the northern shore of Loch Melfort, are known as the Kilchoan Lochs. Both lie in rocky basins, and are separated by a ridge of rock, the difference in level being about 42 feet.

Upper Kilchoan Loch is the larger and deeper of the two, and is about one-third of a mile in length, covering an area of about 23 acres. The maximum depth of 70 feet was found rather nearer the northern than the southern end. The volume of water is estimated at 29 million cubic feet, and the mean depth at 29½ feet. The basin is simple, and the contour-lines coincide approximately with the outline of the loch, about half the lake-floor being covered by less than 25 feet of water. The loch was surveyed on June 2, 1903, the elevation being approximately 378 feet above the sea.

Lower Kilchoan Loch is rather longer than the upper one, while the breadth is nearly uniform throughout, and equal to about one-twelfth of a mile, or 150 yards. It is fairly deep, the maximum depth being 45 feet, and the mean depth 20 feet, the volume of water being estimated at 16 million cubic feet. The superficial area is about 18 acres, of which