

the lower end, and 9 feet near the upper end. The mean depth is nearly 4 feet, the area 43 acres, and the volume, 7 millions of cubic feet, shows it to be the smallest loch surveyed in Lewis. A small burn flows east to Loch nan Deaspoint. The height above sea-level was 82.9 feet on August 14, 1903.

Loch a' Chlachain (see Plate LXXXI.) is a narrow loch about 4 miles west of Stornoway, the land surface on which it lies rising gradually to the west. In form it is narrow and oblong, measuring fully half a mile in length from east to west, and one-fifth of a mile in breadth. It is shallow and nearly flat-bottomed, with only a very small area near the east end over 10 feet deep, and the maximum 11 feet. The mean depth is $5\frac{1}{2}$ feet, the area 45 acres, and the volume 11 millions of cubic feet. The drainage area is extensive, including the whole upper waters of the Creed and several lochs, and measures 12 square miles. The loch is an expansion of the Creed, which flow in at the west end, and out at the east. The surface was 211.6 feet above sea-level on July 10, 1903. The temperature at the surface was $56^{\circ}.9$ Fahr., and at 10 feet $56^{\circ}.8$.

Loch Vatandip (see Plate LXXXI.) is a small narrow loch 4 miles west of Stornoway. The hills to north and south rise about 100 feet above the loch. The length from east to west is exactly a mile, and the greatest breadth one-fifth of a mile. It is a simple, shallow, and even basin, the 10-foot contour closely following the shore, the bottom nearly flat, and the maximum depth of 17 feet near the east end. Very narrow for two-thirds of its length, it expands, one-third of a mile from the west end, into a triangular portion. The mean depth is 10 feet, the area about 64 acres, and the volume 27 millions of cubic feet. The drainage area is less than half a square mile. From the west end a small burn flows west into the river Creed. When surveyed on July 11, 1903, the surface was 275.9 feet above sea-level.

Loch Airidh na Lic (see Plate LXXXII.) is a small narrow loch, $1\frac{1}{2}$ miles west of Stornoway. Low hills lie to north and south: on the south some 100 feet, on the north 150 feet, above the level of the water. It measures three-quarters of a mile from east to west, and one-sixth of a mile in greatest breadth, near the lower end. The bottom is regular and even, the sides sloping gently to the middle, and the depth gradually increasing from west to east, with the maximum of 19 feet near the outflow. The mean depth is 9 feet, the area about 47 acres, and the volume 19 millions of cubic feet. The area draining into the loch is nearly 3 square miles, a considerable stream, the Amhuinn a' Ghlinn Mhòir, flowing in at the west end. The Bayhead river flows out eastward through the town of Stornoway. The level of the loch on the date of the survey, July 9, 1903, was 178.7 feet. The surface temperature was $55^{\circ}.8$ Fahr., at 15 feet $55^{\circ}.7$.