

draining by the Ullapool river into Loch Broom at Ullapool. The Broom basin is bordered on the south and east by the Conon and Shin basins belonging to the eastern drainage system, Loch Achall lying about 5 miles west of Loch an Daimh in the Shin basin, and Lochs Droma and a' Bhraoin about the same distance north of Loch Fannich in the Conon basin.

Besides the Broom and Ullapool rivers, the basin includes the river Kanaird, flowing into the wide part of Loch Broom, north of Ullapool, and the Strathbeg river, flowing into the head of Little Loch Broom, lying to the south-west of Loch Broom. The scenery of the district is very fine, and the lochs afford good fishing, though preserved. They all contain trout, and salmon also are got in Loch Achall. Some years ago Loch Droma was greatly enlarged, and the fishing vastly improved.

Loch a' Bhraoin (see Plate XIV.).—Loch a' Bhraoin lies about 7 miles to the south of the head of Loch Broom, surrounded by high hills; on the south a' Chailleach rises to 3276 feet above the sea, though the slope is gentle. The loch trends in a north-east and south-west direction, and is over $2\frac{1}{2}$ miles in length. The maximum breadth is nearly half a mile, and the mean breadth a quarter of a mile. Its waters cover an area of about 419 acres, or two-thirds of a square mile, and the area draining into it is about 13 square miles. The maximum depth of 73 feet was recorded about half a mile from the north-east end, and nearer the southern than the northern shore. The volume of water is estimated at 669 million cubic feet, and the mean depth at nearly 37 feet, or half the maximum depth. The loch was surveyed on August 19, 1902, when the elevation was found to be 812.5 feet above the sea—about a foot lower than that determined by the Ordnance Survey officers on August 29, 1868, viz. 813.4 feet. The keeper stated that the water might fall a few inches lower, and rise about 5 feet higher, than the level on the date of the survey. The conformation of the basin is simple, the contours following approximately the outline of the loch, though the soundings indicate a few minor undulations.

Temperature Observations.—The temperature of the surface water was 58°.0 Fahr. at 11 a.m. on the date of the survey, and 55°.7 in the afternoon; while the following serial, taken in the deepest part of the loch at 4 p.m., showed a range of only 2°.5, or a total range throughout the waters of the loch of 4°.3.

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| Surface .. | .. | ... | ... | .. | ... | 56°.2 Fahr. |
| 15 feet | .. | ... | ... | .. | .. | 54°.9 ,, |
| 30 ,, | ... | .. | ... | ... | .. | 54°.5 ,, |
| 60 ,, | ... | .. | ... | ... | .. | 53°.7 ,, |

Loch Droma (see Plate XV.).—Loch Droma (or Druim) lies in the forest of Braemore, about 8 miles from the head of Loch Broom, and nearly 6 miles east of Loch a' Bhraoin; to the north lies Meall Leacachain (2028 feet), and to the south Beinn Liath Bheag (2173 feet). The loch