

feet. The loch was surveyed on May 23, 1903, but the level could not be determined; from spot-levels the elevation is apparently about 606 feet above the sea. There are two deep basins in the loch, the northern one having a maximum depth of 59 feet, while the southern one includes the deepest water in the loch. It is curious to note near the middle of the southern basin a shoal sounding in 22 feet surrounded by much deeper water, and a short distance to the south an isolated deep sounding in 70 feet.

The following temperatures taken in the deepest part of the loch show a range of less than 3° Fahr. from surface to bottom:—

Surface ...	...	...	...	...	...	49°·8 Fahr.
25 feet ..	...	...	...	..	...	49°·3 „
50 „ ...	.	..	...	.	...	48°·9 „
60 „	.	.	.	.	..	47°·9 „
70 „ ..	.	.	.	.	.	47°·0 „
85 „ .	.	.	.	.	.	46°·9 „

*Black Lochs* (see Plate CXXX.)—The Black Lochs may be looked upon as three expansions of the Lusragan burn (or rather four, since the upper loch is cut into two basins), stretching for a distance of about 2 miles in a north-east and south-west direction. The upper or northern extremity is about a mile to the south-east of Connel ferry. The basins decrease in depth on proceeding from north to south, the maximum depth of 36 feet having been observed close to the north end, while the maximum depth in the lower half of the upper loch is 32 feet, in the middle loch 27 feet, and in the southernmost basin 22 feet. The lowest part is blocked for a considerable distance by reeds, which are found also at various places along both shores up to the head. They were surveyed on May 25, 1903, the approximate elevation, judging from spot-levels, being about 80 feet above the sea. The temperature of the surface water was 58°·3 Fahr.

*Lochan nan Ràth* and *Lochan na Beithe* (see Plate CXXXI.) lie close to the northern shore of Loch Etive, opposite Connel ferry. They seem to have been formed by landslips. *Lochan nan Ràth* covers an area of about 14 acres, and is cut into two basins by a ridge across the narrow central part, on which there is only 2 feet of water. To the south-west of the ridge a depth of 19 feet was recorded, while the maximum depth of 32 feet was found to the north-east of the ridge. The temperature of the surface water on May 26, 1903, was 62°·2 Fahr.

*Lochan na Beithe* forms a comparatively simple deep basin, covering an area of about 19 acres. The deepest part lies towards the western shore, where four soundings exceeding 50 feet (maximum 58 feet) were taken. The volume of water is estimated at 23 million cubic feet, and the mean depth at 28 feet, or nearly one-half of the maximum. There is a slight constriction near the middle, accompanied by a slight shoaling of the water. The surface temperature on May 26, 1903, was 58°·4 Fahr.