

readings, as a rule, were taken near shore, and the lower readings towards the centre of the loch over deep water. When visited on May 28, 1903, the surface temperature at noon, about a mile from Kenmore, was found to be  $49^{\circ}\cdot3$ .

Two serial temperatures were taken beneath the surface in May, 1902, and one series in May, 1903, as given in the following table:—

Depth (feet).	May 1, 1902. Off Ardeonaig.	May 6, 1902. Between Lawers and Fearnan, 4 p m.	May 28, 1903. 1 mile west of Kenmore, noon.
	°F.	°F.	°F.
0	43·8	42·0	49·3
3	...	.	47·0
5	43·2	42·0	44·5
10	43·2	41·9	44·0
20	42·0	41·9	...
25	...	..	43·1
30	41·9	41·8	
50	41·7	41·8	42·9
100	41·2	41·7	42·5
150	41·0	...	
200	40·8	41·2	..
250	40·5	...	
300	40·3	41·0	.
350	.	41·0	..

It will be seen that on May 1, 1902, the temperature of the water down to 30 feet was higher than on May 6, 1902, while from 50 feet downwards it was lower. The range of temperature between the surface and a depth of 300 feet on May 1 was  $3^{\circ}\cdot5$  (from  $40^{\circ}\cdot3$  to  $43^{\circ}\cdot8$ ), while on May 6 it was only  $1^{\circ}$  (from  $41^{\circ}$  to  $42^{\circ}$ ). On May 28, 1903, the temperature of the water was found to be considerably higher from the surface down to a depth of 100 feet than was observed in the previous May, the range of temperature in the upper 100 feet of water being  $6^{\circ}\cdot8$  (from  $42^{\circ}\cdot5$  to  $49^{\circ}\cdot3$ ).

*Loch Derculich* (see Plate XXVI.)—Loch Derculich, situated in Strathtay amid beautiful scenery, affords good fishing, but is strictly preserved; it flows by the Derculich burn into the river Tay to the north-east of Aberfeldy. It is surrounded by low rounded hills covered with heather, and there are few conspicuous boulders, but many small ones. To the north are high, steep hills (Farragon, &c.), with grey screes. The knoll forming the point at the boathouse on the south-eastern shore is high and planted with trees. The burn flows out of the loch by an artificial dam and sluice, which was open on the date of the survey, and the water in the loch was very low, a long gravelly point (not shown on the Ordnance Survey chart) appearing, and the island to the north was nearly, while the island to the south was quite, joined to the shore. Loch Derculich (pronounced Der'clich) is over half a mile