

Like Greenland of the present day, but on a smaller scale, the whole of this basin of more than 120 miles in diameter was deeply buried in snow and ice, which, in glacier fashion, found vents through the broad gaps in the circling mountains, westward into the Atlantic, and eastward in the direction of what is now the Irish Sea, to join the ice-sheet that worked its way south from Scotland and the north of England.<sup>1</sup>

If all this be true, it is easy to see how any older ice-grooves in Anglesea must have been obliterated, and in aid of this argument I will now give a more particular account of the glaciation of Anglesea, seeing that it has an important bearing on the whole question of the great northern glacier.

The structure of the low ground of Caernarvonshire, within three or four miles of the Menai Straits, in almost all respects resembles that of Anglesea, both in its geology and physical geography. The Menai Straits

<sup>1</sup> With Messrs. Hicks, Homfray, and Etheridge, near St. David's, on the coast of Pembrokeshire, I have seen well marked glacial striations on the rocks on the coast at Trwyn-hwrddyn, Porth-clais, and Pen-dal-deryn. In the first two they point NW. and SE., and in the last NE. and SW. Boulder-clay with ice-scratched stones is common, and chalk flints mingled with stones native to the district, are not uncommon on the mainland and in Ramsey Island. Flints are also found in quantity, mingled with ice-scratched erratics, all along the low ground of Glamorganshire north of Bristol Channel between Cardiff and Bridgend, and Boulder-clay is indeed common here and there all over South Wales. When the Geological Survey was in that district glacial phenomena had just begun to be heard of, and the 'drift,' as it was termed, was chiefly looked upon as a troublesome superficial deposit that concealed the boundary lines of the solid rocks beneath. Till some qualified person surveys the whole of the glacial phenomena of South Wales and the adjacent counties in a connected manner, it would be premature to connect the striations in Pembrokeshire with the northern glacier described in this book.