

terms are generally pretty expressive. In solid rocks water often issues from joints.

We went on to Londoun Hill. This hill is not named on Sheet 23; it is just above the house named Backhill on the western edge of the map. It is composed of large vertical columnar felstone.

To the east and south-east of this hill the 'Survey' have shown a 'terrace of marine drift' and an 'old sea beach.' Lately I observed that the talus of large blocks from the hill had *fallen down upon the top of the 'marine drift,'* so that the great vertical cliff on the south side of the hill was very likely *the work of the waves,* assisted perhaps by shore-ice, for much of the 'felstone' in the drift may have come from this hill, it being the only felstone rock within many miles of this district.

The 'marine terrace' is 700 feet, and the top of Londoun Hill 1,034 feet, above sea-level.

The facts given in this letter speak, I think, pretty plainly. The Drift beds here are clearly *water deposits,* and that 'water' was the sea. The blocks and stones in both the stony and laminated clay were clearly dropped into the clay from floating ice. In bed 2 (the stony Boulder-clay), there are frequent indications of *stratification,* and those lines have a steady, *gentle dip of five to ten degrees* towards the east, or up the Irvine Valley. This long section has been exposed to the weather for about six months; the clay has not slipped, and the rain-washed face of the drift can be read like a book. There are many well-striated stones and boulders *lying in all directions,* long ones even vertical, but quite as many which show no striations. The ruts in the stony clay bed 2 were probably produced by floating ice grating on the sea bottom, and these have formed *sheltered hollows* in which laminated clay has been deposited.

J. SMITH.

MONKREDDING, KILWINNING.

SOME SNOWDON TARNS.

SIR,—Will you permit me to correct a mistake in my paper on "Some Snowdon Tarns." The depression at 250 yards from the present outlet of Llyn Llydaw is in a N.N.E. direction therefrom, not N.N.W. as I had erroneously written.

J. R. DAKYNS.

SNOWDON VIEW, NANT GWYNANT,

BEDDGELERT, CARNARVON.

February 19, 1900.

OBITUARY.

GEHEIMRATH PROFESSOR DR. GEINITZ,

FOR. MEM. GEOL. SOC. LOND.

BORN OCTOBER 16, 1814.

DIED JANUARY 28, 1900.

DR. HANS BRUNO GEINITZ was born at Altenburg, Saxony, where he passed a happy boyhood in his father's home. The political troubles of 1830 affected the family prosperity, so that the youthful