

development and followed the period of deepest depression of the sediments which is indicated by the band of limestones running north-east to south-west through the centre of Scotland. The quartzites of the North-West Highlands were largely derived from Archaean rocks, while the quartzites of the north-east and other parts of Scotland were mainly derived from the waste of the "Moines".

"A Dry Valley at Onich, Inverness-shire." By Frederick Walker, B.A., Ph.D.

A good example of a dry valley at Onich (Inverness-shire) was described. Evidence was advanced to show that this ravine was eroded by the River Righ, which was afterwards diverted from its course by a landslip a mile from the sea. This caused the River Righ to take its present precipitous course to Loch Linnhe, and left the part of the valley below the landslip entirely without surface drainage.

CORRESPONDENCE.

THE CRETACEOUS SHALES OF JAMAICA.

SIR,—At the end of his paper on the Molluscan fauna of the Cretaceous Shales of Jamaica (GEOL. MAG., February, p. 64), Dr. Trechmann once more calls me to task for my stratigraphical deductions from the Echinoids of associated deposits. In this case he brings forward over seventy-five Molluscs to overawe me. Out of this number *two* are identified with previously known species—*Neilthea quinquecostata* and *N. quadricostata*! Thirty-five answer to the name of "sp.", and quite a small proportion of these are compared with other forms. As far as I can make out, an analysis of his comparisons of new, comparable, and undeterminable species, shows that he finds similarities among *fifteen* Upper Cretaceous forms and *eighteen* ranging from the Middle Cretaceous to the Lower Senonian! It is true that this analysis omits one type proper to the Calcaire grossier!

I fancy some other palaeontologists may be a little disturbed by Dr. Trechmann's contention that *Trigonia* does not count—not because his best specimens look as if they had come from the Chloritic Marl, but because "*Trigoniae* are long-lived forms of little zonal value". Still, that is not my business. Had it been said (in general terms) that "Oysters and Scallops look like long-lived forms of little zonal value" I might have been tempted to agree.

I am afraid that unless Dr. Trechmann can give better evidence than this, my obstinate Echinoids will be maintaining their original claim and retiring from the Turonian into the Cenomanian.

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