

# Transactions

OF THE

## BANFFSHIRE FIELD CLUB.



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#### GRAVEL ON MORAYSHIRE COAST.

Mr Robert Cairns, Elgin, read a paper on the accumulations of gravel on the Morayshire coast. These accumulations, between Lossiemouth and Kingston, extended over six miles in length and from one-fourth to one-third of a mile broad. He discussed the question when and how these deposits were laid down and how they originated. Recalling that at the mouths of the Deveron and the Findhorn there were still huge accumulations of gravel, he noted that the mouth of the Spey was at one time three miles from its present position, but when it was cut it threatened to sweep away Tugnet, and soon made a large outlet, and was still moving rapidly westward. On each side of the river Lossie where it ran through this mass of gravel, the ridges run north and south and follow the course of the river, so that it was evident that the Lossie had always run in its present course. The gravel was not carried down by the Lossie, but must have come from the Spey. The action of the Spey at the present time was sufficient to account for these accumulations. This mass of shingle which runs from Kingston by the foot of the Bin, level and connected, only broken by the Lossie where it cut through, was entirely the deposit of the river Spey for a very long period of time. All the indications pointed to a gradual shifting westwards of these accumulations of gravel.