

23 December 1930.

Dr A.P. Orr,  
Maigne Station,  
Keppel Pier,  
Millport, Buteshire.

Dear Dr Orr,

Many thanks for sending me your reprint. I think this mapping out of the behaviour and occurrence of marine organisms is great work, but for myself at the moment I am a bankrupt in time and am cutting down every sort of unnecessary expenditure. I will not therefore offer to attempt a detailed study of the observational records.

The main results would certainly stand under any treatment, and you will probably agree that we need more and regularly co-ordinated and standardised observations over a series of years, before scientific generalisations begin to emerge. The main immediate gain of an intensive <sup>statistical</sup> ~~scientific~~ study would, I imagine, chiefly concern experimental error and precision, <sup>which</sup> and is of course, always of practical value in planning systematic observation for the future, since one can gauge in advance, the probable accuracy obtainable for a given amount of

expenditure -- costings accountancy of scientific information.

I hope you will not hesitate to send me further papers, or to put to me <sup>any</sup> particular problems which seem to be within a statistician's competence.

Yours sincerely,