H. J. B. Wollaston, Esq.,
Fisheries Laboratory,
Lowestoft.

9th April, 1932.

My Dear Wollaston,

I am glad you will be back here soon, I shall ask you to work in the same buildings as Yates, as I have an American from the middle West working in my room at the moment. Good luck to your Admiralty tests.

On the question of testing homogeneity which you raise I imagine the point to start from is an ordinary 2 by 2 table, rather than a 2 by 1 table as illustrated in my book on Tocher's hair colours and Huxley's tests that method reduces to a straight $X^2$ test the question of these two samples drawn from the same population? Your object, if I take you right, is to extend the test to the question: Are they the same allowing for time and place? And if the correction for time and place is known to be either simple or small, I believe the method you suggest, or something very like it, would do all that was wanted. But in theory it does raise different questions, and we are really only on safe ground in saying that the same population has always the same distribution and is that at another
time and place the distribution is different we ought really to call it a different population. This sounds very epidemic and I certainly wouldn't exclude it to exclude an allowance for growth rate with time, though I think it may rise in an acute form if one considers elimination rates with time.

I am glad you have got De Morgan. I think he should be very well worth reading and I should quite like to see it, in case I have not seen it before.

Yours sincerely,