

2nd. April 1947.

Dear Darlington,

I have this morning received your letter to Mr. Grant with the proof cover of Heredity, and have sent these on to Edinburgh.

I should like both you and Mather to see and have an opportunity to comment on the paper on the sex chromosome in the house mouse, which I am enclosing. The diagrams are in the rough and will be replaced by Bristol board versions in due time, and I expect to extend the calculations rather further so as to map the distributions ten or twenty units to the right of where they stop at present. For the reasons stated in the text I do not attach great importance to this expansion, but should like to cover the probable position of the wavy gene, <sup>and</sup> ~~so as~~ to mark the existence of maximum manifestation <sup>recombination</sup> on the chart showing the relation between recombination fraction and map distance. <sup>We will add a last section of "discussion" after getting your reactions.</sup>

Tell Mather that I am not sure that I have referred to the most suitable paper and he may be able to give a better reference for his views at about the same period. Though he may well not find himself at once in agreement with the formulation I have used, I should like to refer to his early discussions as very relevant to the development of ideas on the subject. Naturally, I hope you will both think it a good job of work.

Yours sincerely,