

September 22, 1950.

Dr. T. C. Carter,  
Institute of Animal Genetics,  
King's Buildings,  
West Main Road,  
Edinburgh 9, Scotland.

Dear Dr. Carter:

I am sorry not to have replied sooner to your letter of August 18, but I have only just returned to the campus after a summer at another university.

As you may already have gathered, my remarks were thoroughly garbled in the printing of the discussion. At the meeting of the Biometrics Society, I did outline a notation which I hoped might be useful in the translation of Fisher's (or any one else's) theory of recombination from the distribution of genetic types to the distribution of chiasmata. I have not been able to carry out any further analysis, although the notation was of some empirical use in some calculations. I am afraid that there is no prospect of my continuing very intensively with it, and I don't think that the notation itself is worth publishing.

In hopes you may be able to make use of it, I am enclosing a copy of a brief summary of the notation as presented at the 1947 Biometrics Society discussion. I shall be very pleased to hear if it is at all helpful.

Yours sincerely,

Joshua Lederberg,  
Associate Professor of Genetics