



CABLE ADDRESS "RESEARCH"

IN YOUR REPLY PLEASE QUOTE

FILE NO.....

NATIONAL RESEARCH COUNCIL
CANADA

ATOMIC ENERGY PROJECT

AIR MAIL

CHALK RIVER, ONT.

July 13th, 1950.

Dr. Joshua Lederberg,
College of Agriculture,
University of Wisconsin,
Madison 6, Wis.

Dear Joshua,

Enclosed is a manuscript on the peculiar segregation in E. coli, which I am on the point of submitting to the American Naturalist. Before doing this, however, I should be grateful to have your criticisms.

In particular, is there anything in the heterozygote story to render the present somewhat conventional approach unjustified? I have had in mind the matter of gene loss, but have assumed that it occurred after the initial crossing over and partial segregation which seems to take place in the formation of the heterozygous strains. If this is so the present story would seem unaffected. Your may, however, have indications of a much less straightforward chromosome behaviour.

Rothfels is with us again this summer and is working on a similar problem.

Sincerely,

Howard B. Newcombe

HBN:bc

P.S. The manuscript may be retained.
H.N.