UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

The School of Medicine

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DEPARTMENT OF DERMATOLOGY AND SYPHILOLOGY DEPARTMENT OF MICROBIOLOGY EDWARD D. DELAMATER, M.D. Research Professor

> Dr. Joshua Lederberg Department of Genetics College of Agriculture The University of Wisconsin Madison 6. Wis.

Dear Josh:

I have been too preoccupied with other matters to answer your letter of July 13 and to thank you for your commiseration with me as a cytologist.

The auxotrophic mutants are coming along well, but we had to suspend work for a brief period while Yaverbaum took his comprehensive examinations and we both had a vacation. Now we shall get to work on this with more intensity. I am glad you pointed out Poulson's suggestion, which certainly points out problems that will have to be worked out as the work proceeds. I, too, have been concerned with the material which Robinow visualized. which sometimes is observed to persist between the separating chromosomes.

Concerning the cramped set-up that you have (it is probably no more cramped than our own), I would suggest that you get one of these iceboxes, for camping trips or for carrying beer, which can be obtained at Sears Roebuck or one of the auto supply stores for about eight dollars. This would hold approximately fifty pounds of ice, is well insulated, and could be easily placed on a bench while the work is going on and then slid off on the floor. I am sure you would find this the easiest and most constructive way of handling the subzero set-up. It is also as cheap a way of doing it as can be found.

I shall arrange to pick out one of the K-12 and coccus preparations, and send these on to you in the very near future.

Best personal regards to you and your beautiful wife.

Sincerely yours,

. DeLamater. M. D.

Research Professor

EDD/aj