



DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

April 5, 1957

Communicable Disease Center  
Enteric Bacteriology Laboratories  
P. O. Box 1355  
Chamblee, Georgia

Dr. J. Lederberg  
The University of Wisconsin  
Department of Genetics  
Madison 6, Wisconsin

Dear Dr. Lederberg:

At long last I am reporting on your cultures SW 1161 (CDC 246-57) and SW 1162 (CDC 247-57). I had not tried to rush the report on these since I knew that you were traveling and would be out of Madison.

So far as we can see SW 1161 is a monophasic form having the formula 4,5,12; b. When placed in absorbed b serum the culture consistently has gone to a  $\alpha_3$  phase. Since the b serum was absorbed with S. paratyphi B phase 2, one would think that there were no interfering factors present which would retard migration of a second phase that might be present.

The formula for SW 1162 is 4,5,12; b-i (or i-b). In our hands this culture has caused no difficulty in the reversal of phases and I have reversed each of the two phases seven times, each reversal from a single colony.

I do not quite understand the pedigree of SW 1162 and will be interested to hear more about it when I see you.

At the present time I intend to leave Atlanta on April 24 and arrive in Madison the same day at 1:28 P.M. I would appreciate it very much if you would make a hotel reservation for me for April 24. I plan to leave Madison at 2:15 P.M. on April 28. I realize that this a rather long stay and I hope that I will not be underfoot too much. I will try ~~to~~ to interfere with your activities as little as possible and I probably can profitably spend some time in the State Department of Health Laboratories.

If these arrangements are not suitable to you, please inform me.

With kind regards, I am

For the Chief, Bacteriology Section.

Sincerely yours,

Philip R. Edwards, Ph. D.  
Chief, Enteric Bacteriology Unit