

Miss Barbara Wright,  
Hopkins Marine Station,  
Pacific Grove. California.

Dear Barbara:

Here are some of the references I promised to send you:

- a) marked on accompanying sheet
- b) also:

Ryan and Schneider- Genetics 34:72-91 1949  
Proc. Nat Acad Sci 34:425-435 1948

Lindgren & Raut- Ann. Mo. Bot. Garden. 34: 75-80 1947 and  
Raut - Genetics, last few months.

Zamenhof- 1946, J. Bact. 51:351-361

These papers all have references to other pertinent work.

- c) less well analysed:

Dickinson ref. 25)  
Strandkov ref. 92- cited and discussed in "Bacterial Variation"  
McIlroy et al 68) Am. Rev. Microb. III: 1-22 1949.

- d) Neurospora - Ryan and Lederberg, Proc. Nat. Acad. Sci., 32:163-73 1946  
, 195.

- e) I don't know how ~~most~~ relevant they are, but the only credible examples I can think of offhand of heritable changes induced by specific environmental conditions are found in:

- 1) Schatz-Provasoli-Rutner streptomycin on Euglena. Reference?
- 2) Sonneborn; Preer various agents on Paramecium: vide Amer. Naturalist, Jan, 1948
- 3) ?? various authors: aparabasal individuals by treatment with trypanocidal drugs
- 4) type transformations - reviewed in Heredity, 1948
- 5) infection with latent virus (lysogenicity) ask Elie.

- f) Werner Braun's review, and Luria's, will have, as you know, a good deal of background material.

Since leaving PG we spent some time at Stanford, passed through Berkeley, ~~Elmhurst~~ Yosemite, Lassen Park and finally returned to Berkeley via Eureka and the Redwood Highway. We're finally settled in a large, comfortable house in the hills. By now, van Niel will probably have confirmed his distrust of EMS - Zinder wrote that he had sent it out. The cultures for recombination will be sent out in a day or two.

With best regards from Esther and myself,

Sincerely,

Joshua Lederberg