Personal memo from
JOSHUA LEDERBERG

K. R. Drom'

MAY 13 1988

Paradigms

I agree that Kuhn's (1962!) style revolutions are rare in biology. T.S.

He stresses they are not settled by critical evidence.

So Darwin may be the only example.

You should stress that your classification of paradigms is not orthogonal.

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bacteriolgenetics is certainly a hybrid paradigm. It embraces Darwin + biochemistry as well as Mendel and bacteriology (Koch).

I suppose it was a small revolution in response to "crisis".

J.

P266

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