

CARNEGIE INSTITUTION OF WASHINGTON

**Geophysical Laboratory**

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OFFICE OF THE DIRECTOR

January 5, 1961

Dr. Joshua Lederberg  
Stanford University  
Stanford, California

Dear Dr. Lederberg:

I am enclosing a slightly modified version of the text of a talk which I delivered at the AAAS meeting in New York, December 28, 1960. The essence of my remarks was that it is unlikely that the kind of life we know about on earth exists on the moon or on the other planets of our solar system. Venus is too hot. Moon and Mars are too dry. The others are too hot or cold. I did not take the position that there is no life, only that if it exists it must be different from anything we've seen.

My intention is to revise this material further, converting it into a manuscript suitable for Science or the Proceedings of the National Academy. The substance will remain relatively the same but documentation will be supplied.

I am sending this material to you because I feel that it has relevance to the work of NASA consultant groups. I would welcome comments and suggestions, particularly those useful in the preparation of the final draft of the paper.

Sincerely yours,

*Philip H. Abelson*

Philip H. Abelson *e.*

ABELSON, P.