

# GENETIC AND SOCIAL SIGNIFICANCE OF DIFFERENTIAL FERTILITY

## II. A STATEMENT OF GENERAL PRINCIPLES AND CONCEPTS OF POPULATION GENETICS

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### *A Corrected Table of the Reduction in Frequency of a Recessive Trait in a Large Population with Complete Selection Against the Trait*

In October, 1947, issue of this journal I published a table showing the reduction in frequency of a recessive trait under complete adverse selection in a large population. The table was published as part of a symposium on The Genetic and Social Significance of Differential Fertility. In my paper as originally presented at the symposium at Princeton University, the table was not included. It was requested as an addition after the manuscript was in the hands of the editor. When the request reached me, I resurrected a table which I had prepared for my own use several years earlier, and sent it in.

Since the publication of the table I have realized that in its original preparation I rounded off the frequency in each generation to the nearest third decimal before using it to derive that of the following generation. I was interested at the time in approximations. While the method I used does not invalidate the bulk of the table, it does make a considerable difference in the region below 0.004. I am therefore presenting a corrected table.

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