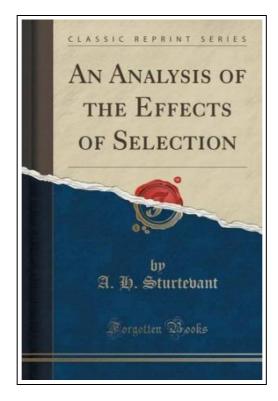
An Analysis of the Effects of Selection (Classic Reprint)



Filesize: 2.74 MB

Reviews

A new electronic book with an all new standpoint. It usually fails to charge too much. Its been printed in an exceedingly basic way in fact it is simply following i finished reading this book through which basically altered me, affect the way in my opinion.

(Dr. Amie Bogisich)

AN ANALYSIS OF THE EFFECTS OF SELECTION (CLASSIC REPRINT)



To get **An Analysis of the Effects of Selection (Classic Reprint)** eBook, please refer to the button below and download the ebook or have access to other information which might be in conjuction with AN ANALYSIS OF THE EFFECTS OF SELECTION (CLASSIC REPRINT) ebook.

Forgotten Books, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English. Brand New Book ****** Print on Demand ******. Excerpt from An Analysis of the Effects of Selection The present paper describes a series of experiments aimed at determining the causes of the variability in bristle number observed in Dichsaet, a mutant race of Drosophila melanogaster (ampelophila). These experiments are discussed under several headings, as follows: (a) Selection of plus and of minus variants was carried out. Both plus and minus lines were obtained and were used in the further experiments. (b) A plus line and a minus line were crossed, and an increase in variability was observed in F2. (c) Linkage tests were made, and by this means it was demonstrated that modifying genes were present in the selected lines. (d) Evidence against the hypothesis of contamination of allelomorphs was obtained. (e) This evidence, and that obtained by other investigators, is then utilized in a general discussion of the selection problem, and of the hypothesis of contamination of genes. The conclusions are drawn that selection is usually effective only in isolating genetic differences already present; and that genes are relatively stable, not being contaminated in heterozygotes, and mutating only very rarely. The mutant character known as Dichaet was discovered by Dr. C. B. Bridges, July 3, 1915. In an experiment involving the sex-linked characters sable, forked, and cleft there appeared a single female that had wings extended and bent backwards near the base, like those of the mutant bent (Muller, 1914b). In addition it was observed that this female had only 2 dorso-central bristles, instead of the 4 usually present. When mated to a male having the mutant character eyeless, this female produced 48 normal offspring and 46 Dichaet, thus showing the character to be...



Read An Analysis of the Effects of Selection (Classic Reprint) Online

Download PDF An Analysis of the Effects of Selection (Classic Reprint)

You May Also Like



[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Click the link listed below to download "Read Write Inc. Phonics: Orange Set 4 Storybook 2 | Think | Want to be a Bee" document.

Save PDF »



[PDF] Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School

Click the link listed below to download "Some of My Best Friends Are Books: Guiding Gifted Readers from Preschool to High School" document.

Save PDF »



[PDF] The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2

Click the link listed below to download "The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2" document. Save PDF »



[PDF] Dom's Dragon - Read it Yourself with Ladybird: Level 2

 ${\it Click the link listed below to download "Dom's Dragon - Read it Yourself with Ladybird: Level 2" document.}$

Save PDF »



[PDF] Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2

Click the link listed below to download "Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2" document.

Save PDF »



[PDF] Rumpelstiltskin - Read it Yourself with Ladybird: Level 2

Click the link listed below to download "Rumpelstiltskin - Read it Yourself with Ladybird: Level 2" document.

Save PDF »