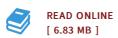




Heredity of Hair-Length in Guinea-Pigs and Its Bearing on the Theory of Pure Gametes, And, the Origin of a Polydactylous Race of Guinea-Pigs (Classic Reprint)

By William E Castle

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ****** Print on Demand ******. Excerpt from Heredity of Hair-Length in Guinea-Pigs and Its Bearing on the Theory of Pure Gametes, And, the Origin of a Polydactylous Race of Guinea-Pigs In earlier papers (Castle: 03: 05) it has been shown by one of us that long or Angora coat in guinea-pigs and rabbits is alternative in heredity to normal or short coat. It has been shown further that in cross-breeding normal or short coat dominates over long coat, in conformity with Mendel s law of heredity, but that the purity of the gametes formed by cross-breds is not absolute. Impurity of the gametes is indicated by two facts: First, the number of long-haired young produced by cross-bred parents is in excess of the Mendelian proportion, one-fourth; secondly, many of these long-haired young show an imperfect development of the long-haired character, as compared with their long-haired ancestors. Both these facts may be explained by supposing that the alternative characters, short and long hair, which are present in the cross-breds - one seen, the other unseen - have in many cases failed to segregate,...



Reviews

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