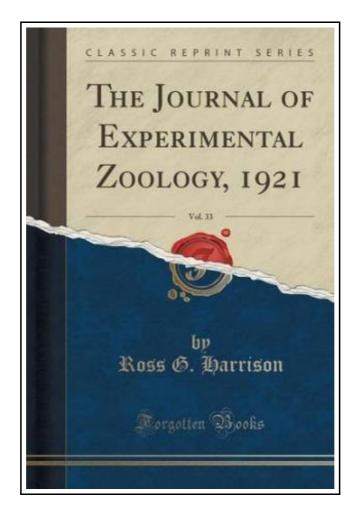
The Journal of Experimental Zoology, 1921, Vol. 33 (Classic Reprint)



Filesize: 9.61 MB

Reviews

Excellent electronic book and helpful one. I could comprehended everything out of this published e book. I discovered this pdf from my i and dad suggested this book to discover.

(Dr. Daphnee Homenick II)

THE JOURNAL OF EXPERIMENTAL ZOOLOGY, 1921, VOL. 33 (CLASSIC REPRINT)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Journal of Experimental Zoology, 1921, Vol. 33 The study of the free-martin by F. R. Lilhe (17 b) has thrown new light on the field of the biology of sex, demonstrating that sexual differentiation is controllable, at least to some extent, by a certain physiological factor. Lillie discovered that in the free-martin, the female of two-sexed twins in cattle, the sex-glands and sexducts are modified from the normal female condition to a sterile masculinized state; that in cattle twins an anastomosis of the umbilical blood-vessels exists between the two embryos, and that this anastomosis is responsible for the alteration of the female twin, the sex-hormones from the male twin being thus enabled to gain access to the female twin through the blood current and to produce a profound modification of her reproductive system. A histological study of the same material by Chapin (17) supported Lillie s conclusion that the free-martin is a modified female. As Lillie suggested (17 a), the possibility exists, however, that definitely planned experiments may enable us to regulate time and dosage of hormones better than is done in this experiment of nature; the results of such experiments cannot of course be foreseen. Such experiments will be necessary for the full solution of the stated problem. I therefore, at Professor Lillie s suggestion, undertook to perform such a series of experiments for the purpose of determining whether or not sexual differentiation is experimentally controllable through the secretion of the sex-glands. Gonads were grafted on the membranes of developing chick embryos in relatively young stages; such embryos were then allowed to develop further, and in cases where the grafts grew,...



Read The Journal of Experimental Zoology, 1921, Vol. 33 (Classic Reprint) Online Download PDF The Journal of Experimental Zoology, 1921, Vol. 33 (Classic Reprint)

Related Books



History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. This version of the History of the Town of Sutton Massachusetts...

Read PDF »



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

Read PDF »



Talking Digital: A Parent's Guide for Teaching Kids to Share Smart and Stay Safe Online

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

Read PDF »



No Friends?: How to Make Friends Fast and Keep Them

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Do You Have NO Friends? Are you tired of not having any...

Read PDF »



Never Invite an Alligator to Lunch!

Lucky Me Publishing, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. NEVER Invite an Alligator to Lunch! delivers a fun,...

Read PDF »