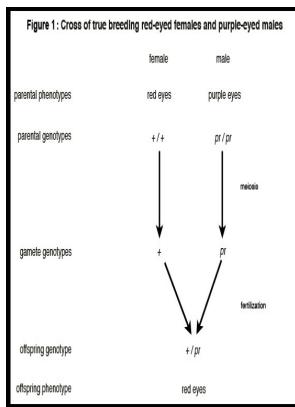


From DNA to diversity - molecular genetics and the evolution of animal design

Blackwell Pub. - From DNA to Diversity, Molecular Genetics and the Evolution of Animal Design, 2nd edition



Description: -

-
- Finn -- United States -- Fiction.
- Wood-decaying fungi
- Engelmann spruce -- Diseases and pests -- Blue Mountains (Or. and Wash.)
- Morphology (Animals)
- Biodiversity
- Molecular genetics
- Evolutionary genetics
- From DNA to diversity - molecular genetics and the evolution of animal design
- From DNA to diversity - molecular genetics and the evolution of animal design

Notes: Includes bibliographical references and index
This edition was published in 2005



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Tags: #From #DNA #to #Diversity #: #Molecular #Genetics #and #the #Evolution #of #Animal #Design #by #Jennifer K. #Grenier, #Sean #B. #Carroll #and #Scott #D. #Weatherbee #(2000, #Trade #Paperback) #for #sale #online

From DNA to diversity: molecular genetics and the evolution of animal design (2nd ed.)

The authors present a convincing argument, but are clear and honest in pointing out the caveats and assumptions in reaching their conclusion. This is a book that compellingly transmits the big picture of evo-devo, putting discoveries in their proper context, whether they were originally reported in the pages of Nature or in the pages of a comparatively obscure journal no names please.

From DNA to Diversity, Molecular Genetics and the Evolution of Animal Design, 2nd edition

Well the first half of the book, which covers the evolutionary history of animals and the functions of the genes that design animal form, is essentially identical to the first edition. Many figures contain gorgeous pictures of developing embryos, revealing patterns of gene expression with great import for the proper construction of animal form. In the latter half, the principal changes are an expansion of the chapter on the evolution of major morphological novelties and the addition of a chapter on the evolution of minor changes that distinguish different species.

From DNA to Diversity: Molecular Genetics and the Evolution of Animal Design by Sean B. Carroll

Index Editorial Reviews Sean Carroll, author of one of the books under review and a coauthor of another, has made important contributions to the understanding of evolution and development.

From DNA to Diversity : Molecular Genetics and the Evolution of Animal Design by Jennifer K. Grenier, Sean B. Carroll and Scott D. Weatherbee (2000, Trade Paperback) for sale online

I can't imagine a book in this field by Carroll being anything other than superb.

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