

The Origin of Animal Body Plans: A Study in Evolutionary Developmental Biology

By Arthur, Wallace

Cambridge University Press, 2000. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface; Acknowledgements; Part I. Introduction: 1.1 A developmental approach to an evolutionary problem; 1.2 The early history of the animal kingdom; 1.3 Alternative strategies; 1.4 Creation versus destruction; 1.5 Systematics and the concept of natural classification; 1.6 Micromutation versus macromutation; 1.7 Developing organisms as inverted cones; Part II. What is a Body Plan?: 2.1 Body plans and taxonomic levels; 2.2 Body plans, cladograms and homology; 2.3 Body plans and embryology; 2.4 Body plans, genes and mutations; 2.5 Body plans, adaptation and environments; Part III. Patterns of Body Plan Origins: 3.1 Strategy; 3.2 Patterns of metazoan interrelationships; 3.3 Early fossils: from cladograms to trees; 3.4 Bringing back morphology; 3.5 Paleoecology and possible adaptive scenarios; Part IV. Evolutionary Developmental Biology: 4.1 From pattern to mechanism; 4.2 The aims of Evolutionary Developmental Biology; 4.3 A brief history; 4.4 Is there a theory of development?; Part V. Developmental Mechanisms: Cells and Signals: 5.1 Strategy; 5.2 Cellular processes and architecture; 5.3 Short-range signals: cell-cell contacts; 5.4 Mid-range signals and the nature of 'morphogens'; 5.5 Long-range signals and pan-organismic co-ordination; 5.6 Patterns of interconnection: developmental programmes; Part VI....



Reviews

A top quality publication along with the font used was intriguing to read. I really could comprehended everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe. -- Cathrine Larkin Sr.

Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book. -- Mark Bernier

See Also



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How and Which Niche? Market Analysis: Who Are...



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children unwind and go to sleep. The underlying...



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is delightful. Toddlers celebrating the holiday will enjoy...



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB COLLECTION REVEALED PREMIUM EDITION. This one of...



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

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima Puddle-Duck wants to lay and hatch her...



Republic 3: The Gods of War

Allison & Busby, 2008. Hardcover. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your order. Orders are dispatched Monday â" Friday....