

ONTOGENY AND PHYLOGENY STEPHEN JAY GOULD





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Ontogeny and Phylogeny (1977), by Stephen Jay Gould Ontogeny and Phylogeny is a book published in 1977, in which the author Stephen J. Gould, who worked in the US, tells a history of the theory of recapitulation.

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### **Ontogeny and phylogeny : Gould, Stephen Jay : Free**

Ontogeny and Phylogeny is a 1977 book on evolution by Stephen Jay Gould, in which the author explores the relationship between embryonic development and biological evolution .

### **Ontogeny and Phylogeny (book) - Wikipedia**

Size and shape in ontogeny and phylogeny Pere Alberch, Stephen Jay Gould, George F. Oster, and David B. Wake\* Abstract. -We present a quantitative method for describing how heterochronic changes in ontogeny relate to phyletic trends. This is a step towards creating a unified view of developmental biology and evolu-

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Biol. Rev. (1966), 41, pp. 587-640 587 ALLOMETRY AND SIZE IN ONTOGENY AND PHYLOGENY BY STEPHEN JAY GOULD Department of Geology, Columbia University, New York (Received 15 December 1965) CONTENTS I. Introduction: the correlation of size and shape . .

### **ALLOMETRY AND SIZE IN ONTOGENY AND PHYLOGENY**

Phylogeny, Behavior, and Ontogeny: neural conservation and adaptation in vertebrates By Bradly Alicea, NEU 820, Summer 2005. Introduction ... conserved throughout phylogeny. \* regulatory genes like Dlx-1 and 2 (subpallium), Emx-1 and 2 ... during ontogeny), these cortical regions change their representations.

### **Phylogeny, Behavior, and Ontogeny: neural conservation and**

Stephen Jay Gould is best known for his collections of essays. *Ontogeny and Phylogeny* is a rather different kind of book (it has more in common with *Time's Arrow*, *Time's Cycle* than the essays), but it still has the characteristic Gould feel to it.

### **Ontogeny and Phylogeny (Stephen Jay Gould) - book review**

One Of The Most Influential Books On Evolutionary Thought Published In The Past Twenty Five Years If there is any book that has greatly reinvigorated interest in the relationship of developmental biology to evolutionary biology, then Stephen Jay Gould's "*Ontogeny and Phylogeny*" may be the most likely suspect.

### **Ontogeny and Phylogeny by Stephen Jay Gould - Goodreads**

The theory of recapitulation, also called the biogenetic law or embryological parallelism—often expressed using Ernst Haeckel's phrase "ontogeny recapitulates phylogeny"—is a historical hypothesis that the development of the embryo of an animal, from fertilization to gestation or hatching , goes through stages resembling or representing ...