

## Ontogeny And Phylogeny Stephen Jay Gould

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### Ontogeny And Phylogeny Stephen Jay

Ontogeny and Phylogeny, a scholarly study of the theory of recapitulation, he not only explains scientific theory but comments on science itself, with clarity and wit, simultaneously entertaining and teaching... [This] is a rich book." —James Gorman, New York Times Book Review "Steven Jay Gould has given us a superb analysis of the use...

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### Ontogeny and Phylogeny (book) - Wikipedia

Stephen Jay Gould was Alexander Agassiz Professor of Zoology at Harvard University and Vincent Astor Visiting Professor of Biology at New York University. A MacArthur Prize Fellow, he received innumerable honors and awards and wrote many books, including Ontogeny and Phylogeny and Time's Arrow, Time's Cycle (both from Harvard). show more

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Stephen Jay Gould takes an insightful look at one of evolution's most misunderstood concepts, namely, that ontogeny recapitulates phylogeny. Beyond demonstrating why E. Haeckel's theory concerning the relationship between ontogenic development and phylogenetic history is incorrect, Gould assumes the daunting task of explaining the complexities of developmental timing and how changes in this ...

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Stephen Jay Gould explores the relationship between ontogeny and phylogeny with an elegant historical overview which starts with ancient Greek philosophers and emphasizes the work of Ernst Haeckel, Gavin de Beer and others.

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Stephen Jay Gould noted in his 1977 book *Ontogeny and Phylogeny* that his attack on Haeckel's recapitulation theory was far more fundamental than that of any empirical critic, as it effectively stated that Haeckel's "biogenetic law" was irrelevant.

## **Recapitulation theory - 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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## **Ontogeny and Phylogeny (1977), by Stephen Jay Gould**

Stephen Jay Gould (1941-2002) was one of the leading evolutionary biologists of the 20th century. His theory of "punctuated equilibria" radically revised the idea that evolution is a slow and constant accumulation of changes, pointing out that instead it often occurs in rapid bursts of speciation followed by periods of stasis.

## **Gould, Stephen Jay | Ontogeny and Phylogeny - Alembic Rare ...**

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## **Amazon.com: Customer reviews: Ontogeny and Phylogeny**

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. Many will disagree, but I feel that it is in fact the best of all Gould's books.

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

ONTOGENY AND PHYLOGENY STEPHEN JAY GOLD. BIOGRAPHY. Stephen Jay Gould was born and raised in the community of Bayside, a neighborhood of the northeastern section of Queens in New York City. His father Leonard was a court stenographer, and his mother Eleanor was an artist whose parents were Jewish immigrants living and working in the city's ...

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Stephen Jay Gould has given us a superb analysis of the use of ontogenetic analogy, the controversies over ontogeny and phylogeny, and the classification of the different processes observable in comparing different ontogenies.

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Stephen Jay Gould, The Greatest Science Essayist Of All Harvard's Stephen Jay Gould (September 10, 1941–May 20, 2002) was a man of un mon genius and arguably our era's greatest science essayist. In March of 2000, he took part in the annual meeting of the American Institute of Biological Sciences, themed Challenges for the New Millennium ...

### **Written by Stephen Jay Gould: I Have Landed The End Of A ...**

The Ontogeny of Sewall Wright and the Phylogeny of Evolution Sewall Wright and Evolutionary Biology William B. Provine. Stephen Jay Gould - 1988 - Isis 79 (2):273-281. Language, Tools, and Brain Revisited.

### **Stephen Jay Gould, Ontogeny and Phylogeny - PhilPapers**

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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 . .

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### **Stephen Jay Gould on Racism - creation.com**

Even Stephen Jay Gould himself, probably the most influential and articulate evolutionist spokesman of the current decade, has said, concerning the recapitulation theory: "(Both the theory and 'ladder approach' to classification which it encouraged are, or should be, defunct today)." 15

### **The Heritage of the Recapitulation Theory | The Institute ...**

Stephen Jay Gould (; September 10, 1941 – May 20, 2002) was an American paleontologist, evolutionary biologist, and historian of science. ... receiving broad professional recognition for his book Ontogeny and Phylogeny. In evolutionary theory he opposed strict selectionism, sociobiology as applied to humans, and evolutionary psychology. ...

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