

The book was found

# The Form Of Becoming: Embryology And The Epistemology Of Rhythm, 1760--1830



## Synopsis

The epoch around 1800 is considered by cultural historians as a decisive point in time -- the transition to modernity -- when the perception of living things changed in a fundamental way. Nature and all its creations were no longer seen within the framework of a rigid and timeless order, but from the perspective of coming into being, being continually reorganised and undergoing new developments. *The Form of Becoming* offers an innovative understanding, from the perspective of the history of culture and science, of the emergence around 1800 of the science of embryology and a new notion of development based on the epistemology of rhythm. The book juxtaposes the establishment between 1760 and 1830 of rhythm as a central epistemological category in music theory, literary theory, and philosophy with the concurrent turn in biology to understanding the living world in terms of rhythmic patterns, rhythmic movement, and rhythmic representations. Common to all these fields was their view of rhythm as a means of organizing time -- and of ordering the development of organisms. Wellmann also shows that the growing importance of rhythm in the living world was related not only to the theory but also to the visual representation of movement, and how this was adopted in the scientific portrayal of living processes. *The Form of Becoming* offers the first systematic study of visualization in embryology. Embryological development circa 1800 was thought of in and through the visual technique of the pictorial series, still prevalent in the field today. The origins of the developmental series are traced back to seventeenth-century instructional graphics for military maneuvers, dance, and craft work and reveal the constitutive role of rhythm and movement in the visualization of development.

## Book Information

Hardcover: 432 pages

Publisher: Zone Books (March 3, 2017)

Language: English

ISBN-10: 1935408763

ISBN-13: 978-1935408765

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Best Sellers Rank: #1,601,574 in Books (See Top 100 in Books) #143 in Books > Medical Books > Basic Sciences > Embryology #7879 in Books > Science & Math > History & Philosophy #49365 in Books > Politics & Social Sciences > Philosophy

[Download to continue reading...](#)

The Form of Becoming: Embryology and the Epistemology of Rhythm, 1760--1830  
Essentials of Oral Histology and Embryology: A Clinical Approach, 3e (Avery, Essentials of Oral Histology and Embryology)  
Larsen's Human Embryology, 5e (Schoenwolf, Larsen's Human Embryology)  
Larsen's Human Embryology (Schoenwolf, Larsen's Human Embryology)  
T. T. Liang's Tai Chi Chuan: The Tai Chi Solo Form with Rhythm (Volume 1)  
Revolutionary Conceptions: Women, Fertility, and Family Limitation in America, 1760-1820 (Published for the Omohundro Institute of Early American History and Culture, Williamsburg, Virginia)  
Two-Dimensional Sonata Form: Form and Cycle in Single-Movement Instrumental Works by Liszt, Strauss, Schoenberg, and Zemlinsky  
Anatomy & Physiology: The Unity of Form and Function: Anatomy & Physiology: The Unity of Form and Function  
Slavery and the Birth of an African City: Lagos, 1760-1900  
Chen Taiji Self Defense - Fighting Applications of the Chen Family Tai Chi 19 Form (Chen Taijiquan 19 Form Book 2)  
The Emergence of Sexuality: Historical Epistemology and the Formation of Concepts  
Post-Rationalism: Psychoanalysis, Epistemology, and Marxism in Post-War France (Bloomsbury Studies in Continental Philosophy)  
Mathematics, Science and Epistemology: Volume 2, Philosophical Papers (Philosophical Papers (Cambridge))  
Literary Minstrelsy, 1770-1830: Minstrels and Improvisers in British, Irish, and American Literature (Palgrave Studies in the Enlightenment, Romanticism and the Cultures of Print)  
Women's Rights Emerges within the Anti-Slavery Movement, 1830-1870: A Brief History with Documents (The Bedford Series in History and Culture)  
Songs by Victor Mass (1822-1884), Including Chants Bretons (1853), and Songs by Georges Bizet (1838-1875), Including Feuilles d'Album (1867): 004 (Romantic French Song 1830-1870 Series)  
Songs by Jules Massenet (1842-1912), Louis Lacombe (1818-1884) and August Vaucorbeil (1821-1884) (Romantic French Song 1830-1870 Series)  
The Women Founders: Sociology and Social Theory 1830-1930  
The Cleveland Herbal, Botanical, and Horticultural Collections: A Descriptive Bibliography of Pre-1830 Works from the Libraries of the Holden Arbore  
Modern Algeria: A History from 1830 to the Present