

# *Romanticism and the sciences*

EDITED BY  
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# Romanticism And The Sciences

**Noel Jackson**



## **Romanticism And The Sciences:**

**Romanticism and the Sciences** Dr. Andrew Cunningham, Nicholas Jardine, 1990-06-28 This book presents a series of essays which focus on the role of Romantic philosophy and ideology in the sciences , **Romanticism in Science** S. Poggi, M. Bossi, 2013-03-09 Romanticism in all its expression communicated a vision of the essential interconnectedness and harmony of the universe The romantic concept of knowledge was decidedly unitary but in the period between 1790 and 1840 the special emphasis it placed on observation and research led to an unprecedented accumulation of data accompanied by a rapid growth in scientific specialization An example of the tensions created by this development is to be found in the scientists congresses which attempted a first response to the fragmentation of scientific research The problem concerning the unitary concept of knowledge in that period and the new views of the world which were generated are the subject of this book The articles it contains are all based on original research by an international group of highly specialized scholars Their research probes a wide range of issues from the heirs of Naturphilosophie to the life sciences and to the debate on Baconian Sciences as well as examining many aspects of mathematics physics and chemistry History of philosophy and history of science scholars will find this book an essential reference work as well as all those interested in 19th century history in general Undergraduate and graduate students will also find here angles and topics that have hitherto been largely neglected

Romanticism and Science, 1773-1833 Tim Fulford, 2002 **Romanticism in Science** S. Poggi, M. Bossi, 2014-03-14 Romanticism in all its expression communicated a vision of the essential interconnectedness and harmony of the universe The romantic concept of knowledge was decidedly unitary but in the period between 1790 and 1840 the special emphasis it placed on observation and research led to an unprecedented accumulation of data accompanied by a rapid growth in scientific specialization An example of the tensions created by this development is to be found in the scientists congresses which attempted a first response to the fragmentation of scientific research The problem concerning the unitary concept of knowledge in that period and the new views of the world which were generated are the subject of this book The articles it contains are all based on original research by an international group of highly specialized scholars Their research probes a wide range of issues from the heirs of Naturphilosophie to the life sciences and to the debate on Baconian Sciences as well as examining many aspects of mathematics physics and chemistry History of philosophy and history of science scholars will find this book an essential reference work as well as all those interested in 19th century history in general Undergraduate and graduate students will also find here angles and topics that have hitherto been largely neglected Sweet Science Amanda Jo Goldstein, 2017-07-10 Today we do not expect poems to carry scientifically valid information But it was not always so In Sweet Science Amanda Jo Goldstein returns to the beginnings of the division of labor between literature and science to recover a tradition of Romantic life writing for which poetry was a privileged technique of empirical inquiry Goldstein puts apparently literary projects such as William Blake's poetry of embryogenesis Goethe's journals *On Morphology* and Percy

Shelley's poetry of life back into conversation with the openly poetic life sciences of Erasmus Darwin, J. G. Herder, Jean Baptiste Lamarck, and Étienne Geoffroy Saint Hilaire. Such poetic sciences Goldstein argues share in reviving Lucretius's *De rerum natura* to advance a view of biological life as neither self-organized nor autonomous but rather dependent on the collaborative and symbolic processes that give it viable and recognizable form. They summon *De rerum natura* for a logic of life resistant to the vitalist stress on self-authorizing power and to make a monumental case for poetry's role in the perception and communication of empirical realities. The first dedicated study of this mortal and materialist dimension of Romantic biopoetics, *Sweet Science* opens a through line between Enlightenment materialisms of nature and Marx's coming historical materialism.

**Science in the Romantic Era** David Knight, 2016-03-31 First published in 1998 The Romantic Era was a time when society, religion, and other beliefs and science were all in flux. The idea that the universe was a great clock and that men were little clocks all built by a divine watchmaker was giving way to a more dynamic and pantheistic way of thinking. A new language was invented for chemistry, replacing metaphor with algebra, and scientific illustration came to play the role of a visual language deeply involved with theory. A scientific community came gradually into being as the 19th century wore on. The papers which compose this book have appeared in a wide range of books and journals together with the new introduction they illuminate science and its context in the Romantic Era and follow its effects in the 19th century.

Literature, Science and Exploration in the Romantic Era Tim Fulford, 2004

**Transfiguring the Arts and Sciences** Jon Klancher, 2013-08 This book discusses how Romantic age writers and new cultural institutions transformed ideas of knowledge inherited from the early modern period.

**The Romantic Conception of Life** Robert J. Richards, 2024-05-31 All art should become science and all science art; poetry and philosophy should be made one. Friedrich Schlegel's words perfectly capture the project of the German Romantics, who believed that the aesthetic approaches of art and literature could reveal patterns and meaning in nature that couldn't be uncovered through rationalistic philosophy and science alone. In this wide-ranging work, Robert J. Richards shows how the Romantic conception of the world influenced and was influenced by both the lives of the people who held it and the development of nineteenth-century science. Integrating Romantic literature, science, and philosophy with an intimate knowledge of the individuals involved, from Goethe and the brothers Schlegel to Humboldt and Friedrich and Caroline Schelling, Richards demonstrates how their tempestuous lives shaped their ideas as profoundly as their intellectual and cultural heritage. He focuses especially on how Romantic concepts of the self, as well as aesthetic and moral considerations, all tempered by personal relationships, altered scientific representations of nature. Although historians have long considered Romanticism at best a minor tributary to scientific thought, Richards moves it to the center of the main currents of nineteenth-century biology, culminating in the conception of nature that underlies Darwin's evolutionary theory. Uniting the personal and poetic aspects of philosophy and science in a way that the German Romantics themselves would have honored, *The Romantic Conception of Life* alters how we look at Romanticism and nineteenth-century biology.

**Science and Sensation in Romantic Poetry** Noel Jackson, 2011-03-03 Romantic poets notably Wordsworth Blake Coleridge and Keats were deeply interested in how perception and sensory experience operate and in the connections between sense perception and aesthetic experience Noel Jackson tracks this preoccupation through the Romantic period and beyond both in relation to late eighteenth century human sciences and in the context of momentous social transformations in the period of the French Revolution Combining close readings of the poems with interdisciplinary research into the history of the human sciences Noel Jackson sheds light on Romantic efforts to define how art is experienced in relation to the newly emerging sciences of the mind and shows the continued relevance of these ideas to our own habits of cultural and historical criticism today This book will be of interest not only to scholars of Romanticism but also to those interested in the intellectual interrelations between literature and science British Romanticism and the Science of the Mind Alan

Richardson, 2001-07-26 In this provocative and original study Alan Richardson examines an entire range of intellectual cultural and ideological points of contact between British Romantic literary writing and the pioneering brain science of the time Richardson breaks new ground in two fields revealing a significant and undervalued facet of British Romanticism while demonstrating the Romantic character of early neuroscience Crucial notions like the active mind organicism the unconscious the fragmented subject instinct and intuition arising simultaneously within the literature and psychology of the era take on unsuspected valences that transform conventional accounts of Romantic cultural history Neglected issues like the corporeality of mind the role of non linguistic communication and the peculiarly Romantic understanding of cultural universals are reopened in discussions that bring new light to bear on long standing critical puzzles from Coleridge's suppression of Kubla Khan to Wordsworth's perplexing theory of poetic language to Austen's interest in head injury **A**

**Handbook of Romanticism Studies** Joel Faflak, Julia M. Wright, 2012-04-16 The Handbook to Romanticism Studies is an accessible and indispensable resource providing students and scholars with a rich array of historical and up to date critical and theoretical contexts for the study of Romanticism Focuses on British Romanticism while also addressing continental and transatlantic Romanticism and earlier periods Utilizes keywords such as imagination sublime poetics philosophy race historiography and visual culture as points of access to the study of Romanticism and the theoretical concerns and the culture of the period Explores topics central to Romanticism studies and the critical trends of the last thirty years

**Encyclopedia of the Romantic Era, 1760-1850** Christopher John Murray, 2004 Review Written to stress the crosscurrent of ideas this cultural encyclopedia provides clearly written and authoritative articles Thoughts themes people and nations that define the Romantic Era as well as some frequently overlooked topics receive their first encyclopedic treatments in 850 signed articles with bibliographies and coverage of historical antecedents and lingering influences of romanticism Even casual browsers will discover much to enjoy here The Top 20 Reference Titles of the Year American Libraries May 2004 **Imagination and Science in Romanticism** Richard C. Sha, 2021-03-02 How did the idea of the

imagination impact Romantic literature and science 2018 Winner Jean Pierre Barricelli Book Prize The International Conference on Romanticism Richard C Sha argues that scientific understandings of the imagination indelibly shaped literary Romanticism Challenging the idea that the imagination found a home only on the side of the literary as a mental vehicle for transcending the worldly materials of the sciences Sha shows how imagination helped to operationalize both scientific and literary discovery Essentially the imagination forced writers to consider the difference between what was possible and impossible while thinking about how that difference could be known Sha examines how the imagination functioned within physics and chemistry in Percy Bysshe Shelley's Prometheus Unbound neurology in Blake's Vala or The Four Zoas physiology in Coleridge's Biographia Literaria and obstetrics and embryology in Mary Shelley's Frankenstein He also demonstrates how the imagination was called upon to do aesthetic and scientific work using primary examples taken from the work of scientists and philosophers Davy Dalton Faraday Priestley Kant Mary Somerville Oersted Marcet Smellie Swedenborg Blumenbach Buffon Erasmus Darwin and Von Baer among others Sha concludes that both fields benefited from thinking about how imagination could cooperate with reason but that this partnership was impossible unless imagination's penchant for fantasy could be contained Creating Romanticism S. Ruston, 2013-05-29 This book argues that the term Romanticism should be more culturally inclusive recognizing the importance of scientific and medical ideas that helped shape some of the key concepts of the period such as natural rights the creative imagination and the sublime **Romantic Biology, 1890-1945** Maurizio Esposito, 2015-10-06 In this book Esposito presents a historiography of organicist and holistic thought through an examination of the work of leading biologists from Britain and America He shows how this work relates to earlier Romantic tradition and sets it within the wider context of the history and philosophy of the life sciences **The Cambridge History of Literary Criticism: Volume 5, Romanticism** George Alexander Kennedy, 1989 The history of the most hotly debated areas of literary theory including structuralism and deconstruction Reader's Guide to the History of Science Arne Hessenbruch, 2013-12-16 The Reader's Guide to the History of Science looks at the literature of science in some 550 entries on individuals Einstein institutions and disciplines Mathematics general themes Romantic Science and central concepts Paradigm and Fact The history of science is construed widely to include the history of medicine and technology as is reflected in the range of disciplines from which the international team of 200 contributors are drawn Romanticism and the Human Sciences Maureen N. McLane, 2000-09-14 This study published in 2000 examines the dialogue between Romantic poetry and the human sciences of the period Maureen McLane reveals how Romantic writers participated in a new found consciousness of human beings as a species by analysing their work in relation to discourses on moral philosophy political economy and anthropology Writers such as Wordsworth Coleridge Mary Shelley and Percy Shelley explored the possibilities and limits of human being language and hope They engaged with the work of theorists of the human sciences Malthus Godwin and Burke among them The book offers original readings of canonical works including Lyrical Ballads Frankenstein

and Prometheus Unbound to show how the Romantics internalised and transformed ideas about the imagination perfectibility immortality and population which so energised contemporary moral and political debates McLane provides a defence of poetry in both Romantic and contemporary theoretical terms reformulating the predicament of Romanticism in general and poetry in particular

## Decoding **Romanticism And The Sciences**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Romanticism And The Sciences**," a mesmerizing literary creation penned with a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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