



his volume in the highly respected Cambridge History of Science is devoted to the history of the life and earth

sciences since 1800. It provides comprehensive and authoritative surveys of historical thinking on major developments in these areas of science, on the social and cultural milieus in which the knowledge was generated, and on the wider impact of the major theoretical and practical innovations.

The chapters were written by acknowledged experts who provide concise accounts of the latest historical thinking coupled with guides to the most important recent literature. In addition to histories of traditional sciences, the volume covers the emergence of newer disciplines such as genetics, biochemistry, and geophysics. The interaction of scientific techniques with their practical applications in areas such as medicine is a major focus of the book, as is its coverage of controversial areas such as science and religion as well as environmentalism.

**Peter J. Bowler** is Professor of the History of Science at Queen's University in Belfast. He was president of the British Society for the History of Science from 2004 to 2006 and is a member of the Royal Irish Academy and a Fellow of the British Academy and the American Association for the Advancement of Science. He is the author of numerous books, including *Charles Darwin: The Man and His Influence*, published by Cambridge in 1996.

**John V. Pickstone** is Wellcome Research Professor at Manchester University, where he founded the Centre for the History of Science, Technology and Medicine and directed it until 2002. He has published numerous books and articles, including *New Ways of Knowing: A New History of Science, Technology and Medicine* (2000) and *Surgeons, Manufacturers and Patients: A Transatlantic History of the Total Hip Replacement* (2007), co-authored with Julie Anderson and Francis Neary.