Editorial
The next 75 years
R. Fox

Research articles
Sir Peter Medawar: science, creativity and the popularization of Karl Popper
N. Calver
Halley and the eternity of the world revisited
D. Levitin
Geology and religion in Portugal
A. Carneiro, A. Simoes, M. P. Diogo & T. S. Mota
Louis Paul Cailletet: the liquefaction of oxygen and the emergence of low-temperature research
F. Papanelopoulou
Joseph Lister’s first operation
R. Richardson & B. Rhodes
James Sowerby: meteorites and his meteoritic sword made for the emperor of Russia, Alexander I, in 1814
P. Henderson

Book reviews
How the early modern British economy grew
A. M. Roos