

Contents

Preface	vii
MCINTYRE, D. B. James Hutton's Edinburgh: a précis	1
ANDERSON, D. L. A theory of the Earth: Hutton and Humpty Dumpty and Holmes	13
WYLLIE, P. J. Hot little crucibles are pressured to reveal and calibrate igneous processes	37
SCHREYER, W. High-pressure experiments and the varying depths of rock metamorphism	59
WATSON, A. J. Coevolution of the Earth's environment and life: Goldilocks, Gaia and the anthropic principle	75
MARVIN, U. B. Impacts from space: the implications for uniformitarian geology	89
DALZIEL, I. W. Vestiges of a beginning and the prospect of an end	119
MONRO, S. K. & CROSBIE, A. J. The Dynamic Earth project and the next millennium	157
DOTT, R. H. Closing remarks for the Hutton bicentenary, Edinburgh	169
DEAN, D. R. Hutton Scholarship 1992–1997	175
Index	181