

# Contents

List of Illustrations and Tables	ix
Preface	xi
1 Science, Philosophy of Science, and the Science of Science	1
2 Up from Darwin	33
3 Up from Aristotle	75
4 A Clash of Doctrines	111
5 Systematists at War	158
6 Down with Darwinism—Long Live Darwinism	200
7 Down with Cladism—Long Live Cladism	232
8 The Need for a Mechanism	277
9 Secrecy and Bias in Science	322
10 The Visible Hand	354
11 A General Analysis of Selection Processes	397
12 Science as a Selection Process	432
13 Conceptual Interaction	477
14 Conclusion	512
Appendices	
A. Annual Meetings	523
B. Presidents of the Society of Systematic Zoology	524
C. Editors of <i>Systematic Zoology</i>	524
D. Most-Cited papers in <i>Systematic Zoology</i>	525
E. Founding Fellows of the Willi Hennig Society	526
F. Citation Analysis of Leading Cladistic Texts	527
G. Personality Profiles of R. R. Sokal, G. Nelson, and G. Ball	529
H. Acceptance of Darwin's Theory between 1859 and 1869	533
I. Best Student Papers	534
J. Interviews	535
References	539
Name Index	575
Subject Index	584

