

CONTENTS

| | |
|--|----------------|
| <i>List of Figures</i> | <i>page</i> ix |
| <i>List of Tables</i> | xi |
| <i>List of Boxes</i> | xiii |
| <i>Preface</i> | xv |
| <i>Acknowledgments</i> | xix |
| 1 Introduction | I |
| Little Questions vs. Big Questions | I |
| Why Archaeologists Misunderstand Stone Tools | 5 |
| 2 How We Know What We Think We Know About Stone Tools | 10 |
| Sources of Information about Lithic Technology | 10 |
| A Pre-industrial Model of Lithic Technology | 13 |
| Non-human Primate Stone Tool Use | 17 |
| 3 Describing Stone Tools | 20 |
| Essential Terms and Concepts | 20 |
| Inessential Terms and Concepts | 25 |
| A New Descriptive Framework | 29 |
| 4 Stone Cutting Tools | 39 |
| Stone Tools as Artificial Teeth/Nails | 39 |
| The Plio-Pleistocene Evidence | 44 |
| Stone Cutting Tools: Predictions Evaluated | 52 |
| 5 Logistical Mobility | 56 |
| Residential vs. Logistical Mobility | 56 |
| Early-Middle Pleistocene Evidence | 62 |
| Logistical Mobility and Stone Tools: Predictions Evaluated | 74 |
| 6 Language and Symbolic Artifacts | 84 |
| Language vs. Non-human Primate Communication | 84 |
| The Middle-Late Pleistocene Evidence | 90 |
| Language and Symbolic Artifacts: Predictions Evaluated | 101 |

| | | |
|----------|---|-----|
| 7 | Dispersal and Diaspora | 110 |
| | Diaspora vs. Endemism | 110 |
| | The Late Pleistocene and Early Holocene Evidence | 117 |
| | Diaspora and Stone Tools: Predictions Evaluated | 133 |
| 8 | Residential Sedentism | 146 |
| | Sedentism vs. Mobility | 146 |
| | The Southern Levant in the Late Pleistocene and Early Holocene: A Case Study | 153 |
| | Residential Sedentism in the Levant: Predictions Evaluated | 165 |
| 9 | Conclusion | 179 |
| | Overview | 179 |
| | Strategic Changes in Hominin Stone Tool Use | 183 |
| | Concluding Thoughts | 191 |
| | <i>Appendix Traditional Archaeological Age-stages and Industries</i> | 194 |
| | <i>Glossary</i> | 198 |
| | <i>Bibliography</i> | 205 |
| | <i>Index</i> | 232 |