

# *Contents*

Prologue	3
1. Drums That Talk	13
2. The Persistence of the Word	28
3. Two Wordbooks	51
4. To Throw the Powers of Thought into Wheel-Work	78
5. A Nervous System for the Earth	125
6. New Wires, New Logic	168
7. Information Theory	204
8. The Informational Turn	233
9. Entropy and Its Demons	269
10. Life's Own Code	287
11. Into the Meme Pool	310
12. The Sense of Randomness	324
13. Information Is Physical	355
14. After the Flood	373
15. New News Every Day	398
Epilogue	413
Acknowledgments	427
Notes	429
Bibliography	477
Index	505