Table of Contents

Foreword by Jane Goodall	xi
Introduction	1
Two Stories: Transcendence and Reduction A Social Scientific Approach	4 6 8 12
Chapter 1 Psychology's Use of Animals: Current Practices and Attitudes	15
Introduction	15 19 19 26 26 31 40 41 48 55
Chapter 2 Construction of a Science	57
Experimentalism	61

Construction of the Laboratory	62
Construction of the Laboratory Animal	63
Critique of Experimentalism	68
Critique of the Laboratory Animal	71
Construction or Deconstruction: Positivism or	
Mystification?	72
Conclusion	84
Chapter 3	
Animals as Models	85
Concepts of Models	88
Psychology's Use of Animal Models	96
Claims and Actualities	97
Degraded Heuristic	100
Rhetorical Device	
Ethical and Attitudinal Implications	
Chapter 4	
Selected Animal Models	111
1. Presentation	111
Eating Disorders	
Bulimia Nervosa	122
Animal Models of Bulimia: Sham Feeding	
Animal Models of Bulimia: Stress-Induced Eating	
An Animal Model of Anorexia Nervosa:	
Activity-Stress	140
2. Evaluation	
The Laboratory-Based Animal Model Strategy:	
Limits and Biases	146
Bias toward Physiological Explanation	
and Analysis	152
Preoccupation with Technology	161
Treatment as Technological Fix	167
Discursis on Therapy	168

Table of Contents vii
Therapies and Animal Research
Eating Disorder Treatment
Chapter 5 Ethical Issues in Psychology's Use of Animals
Spectrum of Ethical Positions
for Animal Rights
Chapter 6 Psychology's Ethics: The Official Positions . 247
The Humane Ethic

Historical Considerations .

Conclusion

		 		 			_	 		_		_		_		
Epilogue	•	 •	•	•		•				•	•	•	•		•	285
Summary Recommendation						•										287 292
References .	•	 •	•	•	•	•			•		•	•		•		293

Table of Contents

viii