

CONTENTS

Preface to Second Edition	7
Acknowledgements	9
Introduction by Jonas Salk	11
1 FROM ORDER TO DISORDER	15
The Observer and the Scientist	19
The Social and the Scientific: A Participant's Resource	21
The Social and the Scientific: The Observer's Dilemma	23
The "Anthropology" of Science	27
The Construction of Order	33
Materials and Methods	39
The Organisation of the Argument	40
Notes	42
2 AN ANTHROPOLOGIST VISITS THE LABORATORY	43
Literary Inscription	45
The Culture of the Laboratory	53
Articles about Neuroendocrinology	54
The "Phenomenotechnique"	63
Documents and Facts	69
The Publication List	72
Statement Types	75
The Transformation of Statement Types	81
Conclusion	86
Notes	88
Photograph File	91
3 THE CONSTRUCTION OF A FACT: THE CASE OF TRF(H)	105
TRF(H) in Its Different Contexts	107
The Delineation of a Subspecialty: The Isolation and Characterisation of TRF(H)	112
A Choice of Strategies	114

The Elimination of Concurrent Efforts by New Investments	119
The Construction of a New Object	124
The Peptidic Nature of TRF	129
Narrowing Down the Possibilities	142
TRF Moves into Other Networks	148
Notes	149
4 THE MICROPROCESSING OF FACTS	151
The Construction and Dismantling of Facts in Conversation	154
The Sociological Analysis of "Thought Processes"	168
Facts and Artefacts	174
Notes	184
5 CYCLES OF CREDIT	187
Credit: Reward and Credibility	
What Motivates Scientists?	189
Limitations of the Notion of Credit as Reward	192
The Quest for Credibility	194
Conversion from One Form of Credibility to Another	198
The Demand for Credible Information	201
Strategies, Positions and Career Trajectories	
Curriculum Vitae	208
Positions	211
Trajectories	214
Group Structure	216
Group Dynamics	223
Notes	230
6 THE CREATION OF ORDER OUT OF DISORDER	235
Creating a Laboratory: The Main Elements of Our Argument	236
Order From Disorder	244
A New Fiction for Old?	252
Notes	258
References	263
Postscript to Second Edition (1986)	273
How Radical is Radical?	277
What Does It Mean to be Ethnographic?	277
The Place of Philosophy	279
The Demise of the "Social"	281
Reflexivity	282
Conclusion	284
Notes	285
Additional References	287
Index	291