CONTENTS

AUTHOR'S PREFACE		ix
I.	CULTURE AS COMMUNICATION	1
II.	DISTANCE REGULATION IN ANIMALS	7
	Spacing Mechanisms in Animals	10
	Flight Distance	11
	Critical Distance	12
	Contact and Non-Contact Species	13
	Personal Distance	13
	Social Distance	14
	Population Control	15
	The Stickleback Sequence	16
	Malthus Reconsidered	18
	The Die-off on James Island	19
	Predation and Population	21
III.	CROWDING AND SOCIAL BEHAVIOR IN ANIMALS	23
	Calhoun's Experiments	23
	Design of the Experiment	25
	Development of the Sink	26
	Courting and Sex	27
	Nest Building	28
	Care of the Young	28
	Territoriality and Social Organization	29
	Physiological Consequences of the Sink	30
	Aggressive Behavior	30
	The Sink that Didn't Develop	31
	Summary of Calhoun's Experiments	31

	The Biochemistry of Crowding Exocrinology The Sugar-Bank Model The Adrenals and Stress The Uses of Stress	32 33 34 35 39
IV.	PERCEPTION OF SPACE: DISTANCE RECEPTORS— EYES, EARS, AND NOSE	11
	Visual and Auditory Space	42
	Olfactory Space	45
	The Chemical Basis of Olfaction	46
	Olfaction in Humans	49
v.	PERCEPTION OF SPACE: IMMEDIATE RECEPTORS -Skin and Muscles	51
	Hidden Zones in American Offices	52
	Thermal Space	54
	Tactile Space	60
TIT	**************************************	65
VI.	VISUAL SPACE	
	Vision as Synthesis	66
	The Seeing Mechanism	70
	Stereoscopic Vision	73
VII.	ART AS A CLUE TO PERCEPTION	77
	Contrast of Contemporary Cultures	79
	Art as a History of Perception	80
7777		91
VIII.	THE LANGUAGE OF SPACE	94
	Literature as a Key to Perception	7-
IX.	THE ANTHROPOLOGY OF SPACE: AN ORGANIZ-	
	ING MODEL	101
	Fixed-Feature Space	103
	Semifixed-Feature Space	108
	Informal Space	111

	CONTENTS	Vii
v	DISTANCES IN MAN	113
220	The Dynamism of Space	114
	Intimate Distance	116
	Personal Distance	119
	Social Distance	121
	Public Distance	123
	Why "Four" Distances?	125
XI.	PROXEMICS IN A CROSS-CULTURAL CONTEXT:	
221.	GERMANS, ENGLISH, AND FRENCH	131
	The Germans	131
	Germans and Intrusions	132
	The "Private Sphere"	134
	Order in Space	136
	The English	138
	Using the Telephone	140
	Neighbors	141
	Whose Room Is the Bedroom?	142
	Talking Loud and Soft	142
	Eye Behavior	143
	The French	144
	Home and Family	144
	French Use of Open Spaces	146
	The Star and the Grid	146
XII.	PROXEMICS IN A CROSS-CULTURAL CONTEXT:	
	JAPAN AND THE ARAB WORLD	149
	Japan	149
	How Crowded Is Crowded?	152
	The Japanese Concept of Space Including	
	the Ma	152
	The Arab World	154
	Behavior in Public	154
	Concepts of Privacy	157
	Arab Personal Distances	159
	Facing and Not Facing	160
	Involvement	162

-

Feelings about Enclosed Spaces	162	
Boundaries	163	
XIII. CITIES AND CULTURE	165	
The Need for Controls	167	
Psychology and Architecture	169	
Pathology and Overcrowding	171	
Monochronic and Polychronic Time	173	
The Automobile Syndrome	174	
Contained Community Buildings	177	
Prospectus for City Planning of the Future	178	
XIV. PROXEMICS AND THE FUTURE OF MAN	181	
Form vs. Function, Content vs. Structure	182	
Man's Biological Past	184	
The Need for Answers	186	
You Can't Shed Culture	188	
APPENDIX		
Summary of James Gibson's Thirteen Varieties of Perspective as Abstracted from The Perception of the Visual World		
BIBLIOGRAPHY AND REFERENCES		
INDEX	209	

The Administration of the English and the second