

Contents

<i>Preface</i>	ix
<i>Acknowledgments</i>	xv
<i>Recorded Examples</i>	xvii
1. THE SENSE OF SOUND	
Background	1
Music, Cognition, and Culture	3
Music Materials	4
2. THE PERCEPTION OF SOUND	
Background	19
Sound Waves	20
The Ear	29
Loudness	42
Localization	53
3. TIMBRE, CONSONANCE, AND DISSONANCE	
Introduction	62
Timbre	63
Consonance and Dissonance	80
Summary	89
4. MUSICAL SCALES	
Introduction	90
Western Scales and Equal Temperament	92
Cross-Cultural Evidence	101
Alternative Accounts	104
Multidimensional Approaches	107
Scales in Other Cultures	113

Absolute Pitch	121
Summary	123
5. MELODY: ATTENTION AND MEMORY	
Introduction	124
Memory for Melodic Features	130
Development	144
Summary	152
6. MELODIC ORGANIZATION	
Introduction	153
Local Pattern Organization	154
Hierarchical Organization	169
Summary	176
7. RHYTHM AND THE ORGANIZATION OF TIME	
Introduction	178
Temporal Experience	179
Perception of Rhythm	185
Development	193
Cross-Cultural Studies	196
Summary	200
8. EMOTION AND MEANING	
Introduction	202
Index, Icon, and Symbol	203
A Cognitive Theory of Emotion	214
Summary	224
9. CULTURAL CONTEXTS OF MUSICAL EXPERIENCE	
Introduction	225
Cross-Cultural Research	226
Description from within Cultures	232
The Function of Music in Society	235
Cross-Cultural Universals	238
REFERENCES	
Index	240
	253