

# Contents

<b>List of Figures</b> .....	<b>xi</b>
<b>List of Tables</b> .....	<b>xxv</b>
<b>List of Maps</b> .....	<b>xxvii</b>
<b>List of Graphs</b> .....	<b>xxviii</b>
<b>1. Introduction and Setting</b> .....	<b>1</b>
Research Problems, Objectives and Questions .....	1
Highland Landscapes in the Central Andes .....	3
The Fortaleza Ignimbrite .....	3
The Ethnohistory of the Cordillera Negra .....	5
The Visits of Friar Rodrigo Hernández Príncipe (1621–1622) (1658) .....	7
The Ceremonial Cycles of the Cordillera Negra .....	9
Archaeology in the Fortaleza Ignimbrite .....	9
The Excavation Sites .....	9
Pallauta (3455 m.a.s.l.) .....	9
Hatun Machay (4259 m.a.s.l.) .....	11
Shacsha Machay (4224 m.a.s.l.) .....	11
Diablo Retrato (4087 m.a.s.l.) .....	12
Cosmology, Art, Social Life and Practice in the Ancient Andes .....	12
The Andean World: Dualism, Reciprocity and Pacha .....	12
Camac: Embodiment and Animism in the Andes .....	13
Ancestors, Economy and Politics in the Andes .....	14
Ceremony and Pilgrimage in the Andes .....	16
Issues Regarding the Cultural Chronologies of the Central Andes .....	17
Chapter Summary and Outlook .....	19
<b>2. A Semiotic Model for Cultural Landscapes</b> .....	<b>21</b>
Archaeology and Landscape Research .....	21
Archaeology and Rock Art Research .....	22
Rock Art Research in the Central Andes .....	23
Semiotics in Rock Art and Landscape Research .....	24
Cultural Semiotics: Ferdinand de Saussure and Charles Sanders Peirce .....	24
Semiotics in Landscape Archaeology and Rock Art Research .....	25
Agency Studies and Rock Art Research .....	25
Modeling Agency: Individuals, Relationships and Objects .....	26
A Semiotic Model for Rock Art and Cultural Landscapes .....	27
Firstness: Natural, Physical Realities—Rock, Sky and Water .....	28
Secondness: Embodied Practices—Identity, Memory and Territory .....	29
The Construction of Social Landscapes .....	30
<b>3. Field Methods and Results</b> .....	<b>31</b>
Regional Survey of the FI .....	31
Regional Survey Results .....	32
Typology .....	32
Documenting the FI’s Rock Art .....	35
Documentation Results .....	36
Excavations at the FI .....	36
Pallauta .....	38
Hatun Machay .....	40
Shacsha Machay .....	43
Diablo Retrato .....	47
Conclusions: The Occupational Phases of the Fortaleza Ignimbrite .....	51

<b>4. Rock Art and the Socialization of Highland Landscapes in the Central Andes.....</b>	<b>53</b>
A Typology for the Rock Art of the Fortaleza Ignimbrite.....	53
The Petroglyph Art of the Fortaleza Ignimbrite.....	53
The Incising Tradition.....	53
Kiñan Tanka.....	55
Hatun Machay.....	56
SH-A-B1.....	57
Shacsha Machay, Panel 2.....	59
Shacsha Machay, Panel 1.....	59
Diablo Retrato, Panel 1.....	60
The Gouging Tradition.....	61
The Gouging Tradition, Style I.....	61
The Gouging Tradition, Style II.....	62
The Abrading Tradition.....	62
The Abrading Tradition, Style I.....	62
The Abrading Traditon, Style II.....	63
The Pictograph Art of the Fortaleza Ignimbrite.....	63
Shacsha Machay Style I.....	64
SH-A-B2.....	64
Shacsha Machay Style II.....	65
Inca Huangaran Pictograph Style (1500–1200 BCE).....	65
Fortaleza Pictograph Style.....	65
The Hatun Machay Colonial Pictograph Style.....	65
Rock Art and the Semiotic Construction of the Fortaleza Ignimbrite.....	66
The Incising Tradition.....	66
The Gouging Tradition.....	67
The Abrading Tradition.....	67
The Fortaleza Pictograph Style.....	69
Conclusion.....	72
<b>5. Discussion: The Semiotic Construction of the Fortaleza Ignimbrite.....</b>	<b>73</b>
Rock Art and the FI in the Incising Tradition.....	73
Rock Art and the FI in the Gouging Tradition.....	75
Rock Art and the FI in the Abrading Tradition.....	76
Rock Art and the FI in the Fortaleza Pictograph Style.....	76
Palimpsest Rock Art and the Semiotic Construction of the FI.....	77
Kiñan Tanka.....	78
Hatun Machay.....	78
Shacsha Machay.....	79
Diablo Retrato.....	80
<b>6. Conclusions.....</b>	<b>83</b>
Outlook for Future Research.....	84
<b>Appendix A.....</b>	<b>85</b>
Introduction.....	85
Hatun Machay.....	87
Hatun Machay Feature Descriptions.....	88
Non-geolocated Features of Hatun Machay.....	103
Shacsha Machay.....	105
Shacsha Machay Feature Descriptions.....	105
Cerro Capira.....	110
Cerro Capira Feature Descriptions.....	110
Cerro Juamarquin.....	113
Cerro Juamarquin Feature Descriptions.....	114
Cerro Allalashpunta.....	130
Archaeological Features of Cerro Allalashpunta.....	131
Non-geolocated Features of Cerro Allalashpunta.....	138

Cerro Incahuangaran .....	141
Archaeological Features of Cerro Incahuangaran .....	141
Cerro Currumarca.....	150
Archaeological Features of Cerro Currumarca .....	150
Cerro Racpimarca.....	157
Archaeological Features of Cerro Racpimarca .....	158
Non-geolocated Features of Cerro Racpimarca.....	176
Cerro Pauranpunta.....	180
Archaeological Features of Cerro Pauranpunta.....	181
Non-geolocated Features of Cerro Pauranpunta .....	185
Cerro Tapiac .....	187
Archaeological Features of Cerro Tapiac .....	188
Non-geolocated Features of Cerro Tapiac .....	194
Full list of geolocated features of the Fortaleza Ignimbrite .....	197
<b>Appendix B1. Catalogue of Rock Art Images of the Fortaleza Ignimbrite .....</b>	<b>203</b>
Introduction .....	203
1-Horn and 2-Horn Motifs on the FI.....	204
“Arc” Motif.....	206
“Wambra Ila”.....	208
Bird Motifs .....	210
“Bar” Motif.....	212
“Block” Motif.....	214
“Camelids” Motif.....	216
“Church” Motif.....	218
“Circle and Dot” Motif.....	220
Cupules.....	222
“Face” Motifs (“Circular Face”, “Square Face” and “V-Face”) .....	224
“Monkey” and “Feline” Motifs.....	226
“Torso-Less” Anthropomorph and “Feet” Motifs .....	228
“Red Blobs”.....	230
“Ring” Motif .....	232
“Shell Head” Motif.....	235
“Snake Emerging From Rock” Motif.....	236
“Serpent” .....	238
<b>Appendix B2. Digital, Vector renderings of select rock art images and panels of the Fortaleza Ignimbrite .....</b>	<b>241</b>
Diablo Retrato .....	241
Shacsha Machay.....	245
Hatun Machay .....	252
<b>Bibliography .....</b>	<b>257</b>