

CONTENTS

<i>List of Figures</i>	<i>vii</i>	5. Local Ceramics from the Mikindani Region	71
<i>List of Tables</i>	<i>x</i>	Methodology of Ceramic Analysis	72
1. Mikindani and the Swahili Coast	1	Results of Quantitative Analysis	74
Mikindani, a Town on the Southern Tanzanian Coast	1	Overview of the Assemblages	74
The East African Swahili Coast	1	Results Sorted by Site	74
Geographical and Cultural Background	1	Results Sorted by Period	79
History of Archaeological and Historical Research	3	Local Ceramic Typology	85
Regional Differentiation along the Swahili Coast	5	First Millennium Types	85
Research Questions and Broader Themes	7	Early Second Millennium Types	86
Mikindani and Swahili Networks	8	Late Second Millennium Types	87
Organization of Work	8	Discussion of Typology	87
2. Understanding the Mikindani Region	9	Connections to Other Eastern African Assemblages	88
Mikindani's Geographic Context	9	Comparisons Based on Attributes	88
Mikindani's Historical Context	10	Comparisons Based on Types	91
Historical Records of Mikindani	10	Results Sorted by Microenvironment	92
Archaeological Work around Mikindani Bay	11	Refined Ceramic Periodisation of Mikindani Region	94
Persistent Questions	12	Implications of the Typology and Ceramic Analyses	96
3. Archaeological Methodologies of the Project	14	6. Imported Goods and Interregional Trade at Mikindani	98
Defining a Study Region	14	Imported Goods Commonly Found on the Swahili Coast	98
Phase I: Excavations at Mikindani	15	Ceramics	98
Phase II: Archaeological Survey	15	Beads	100
Phase III: Selective Excavations at Recovered Sites	19	Glass Vessels	102
Excavations from Phase I and Phase III	20	Other Common Imports	102
Phase I	20	Imported Goods Found in the Mikindani Region	102
Phase III	31	Ceramics	102
4. Environment and the Historical Ecology of Mikindani	49	Beads	104
Regional Environmental Overview	49	Glass Artefacts	105
Climate and the Indian Ocean Monsoon	49	Other Artefacts	105
Geology and Soil Chemistry	50	Comparison of the Mikindani Region with Other Coastal Regions	106
Vegetation and Local Fauna	51	Implications of Mikindani Region Imports	107
Correlations with Microenvironments	52	Nature of Interregional Trade	107
Human Interaction with the Mikindani Environment	53	Relationship with Kilwa	108
Historical Evidence for the Indian Ocean	53	Connection with the Middle East	109
Transfer of Plant Foods	53	7. Production Activities and Small Finds	111
Archaeobotanical Evidence	53	Iron Artefacts and Iron Production	111
Faunal Evidence	59	Iron Artefacts	111
Human Impact on Soil Chemistry	62	Slag	111
Overview of Mikindani's Historical Ecology	67	Tuyeres	112
Implications of Grain Macrobotanicals	67	Implications	112
Implications of Results Regarding Forest Resources	68	Other Artefacts from Production Activities	113
Implications of Faunal Remains	68	Spindle Whorls	113
Implications of Phytolith and Soil Chemistry Results	69	Pottery-Making Artefacts	114
Orientations to the Environment	69	Bead-Making Artefacts	115
		Building Material	115
		Coral	115
		Daub	116
		Features	117
		Stone and Bone Artefacts	118
		Flaked Tools	118
		Bone Tools	118

Grindstones	119
Net Weights	119
8. Spatial Analysis of the Mikindani Region	120
Results of the Survey	120
Survey Results by Time Period	121
Survey Results by Microenvironment	123
Characterising Settlement in the Mikindani Region	124
Survey Unit STP Data	124
Revised Predictions	134
Information Gleaned from Excavations	134
Overview of Settlement Characterisation	135
Locational Models and Settlement Patterns in the Mikindani Region	137
Site Distribution in the Mikindani Region	137
Rank-Size Rule	138
Site Catchment Analysis	141
Landscape Archaeology and Cultural Significance of Space	142
Functional Analysis of Shifting Settlement Patterns in the Mikindani Region	143
9. Conclusion: Mikindani in the Swahili World	145
Occupation Periods: Building an Archaeological Narrative for the Mikindani Region	145
Period One (at least 200 BCE-300 CE)	145
Period Two (ca. 300-550 CE)	145
Period Three (550-900 CE)	147
Period Four (900-1100 CE)	147
Period Five (1100-1500 CE)	149
Period Six (1500-1800 CE)	149
Period Seven (1800-present)	151
Deviations and Continuities: The Mikindani Region and Swahili Meta-Narratives	152
Summary	153
Lessons for the Functioning of the Swahili Coast Networks	154
Implications for the Archaeological Study of Large-Scale Systems	156
Summation and Future Directions for Research	157
Bibliography	159
Appendix A: Sites Recovered During Phase II Survey	179