

Acknowledgements	15
1. Introduction	17
1.1. Research focus	17
1.2. Research background	17
2. The Research Environment	19
2.1. Location and topographical organisation	19
2.2. Current climates	19
2.3. Geology and soils	23
2.4. Flora	24
2.5. Vegetation	25
2.6. Fauna	27
3. Review of current research	30
3.1. Background knowledge of the vegetation history and archaeology in southern Africa since the Last Glacial Maximum	30
3.2. Late Pleistocene and Holocene vegetation history in Namibia and its palaeoclimatical interpretation	30
3.2.1. Charcoal analysis	30
3.2.2. Pollen analysis	30
3.3. Sedimentological evidence and further palaeoecological sources	33
3.3.1. Sedimentological and pedological climate indicators in the research area proper and North-Western Namibia in general (excluding the Namib desert)	33
3.3.2. Younger Quaternary climatical fluctuation in the Namib	34
3.3.3. Younger Quaternary climatical fluctuation in the Kalahari region	35
3.4. Late Pleistocene and Holocene settlement history in Southern Africa	36
3.4.1. Later Stone Age inventories of the Pleistocene	36
3.4.2. The Pleistocene-Holocene transition	37
3.4.3. Microlithic assemblages of the mid-Holocene	38
3.4.4. Ceramic LSA and early herders	39
3.4.5. Iron Age	40
4. Methodological considerations	42
4.1. Survey strategy	42
4.2. Excavation method	43
4.3. Archaeological analysis	43
4.3.1. Stone artefacts	43
4.3.2. Pottery	44
4.3.3. Personal adornment	45
4.3.4. Rock paintings	45

4.4.	Radiocarbon dates	45
4.5.	Sediment analysis	47
4.6.	Archaeobotanical methods	47
4.6.1.	Botanical reference collection	47
4.6.2.	Archaeobotanical sampling	48
4.6.3.	Archaeobotanical methods of determination and documentation	49
4.6.4.	Ecological interpretation of anthracological data – comparison of taphocoenoses with actual vegetation relevés	49
5.	Catalogue of archaeological sites	51
5.1.	Oruwanje 95/1	51
5.1.1.	Introduction	51
5.1.2.	Excavation and stratigraphy	52
5.1.3.	Archaeological material	55
5.1.4.	Radiocarbon dates	70
5.1.5.	Charcoal analysis	70
5.1.6.	Résumé	73
5.2.	Hartmann Valley 95/4	74
5.2.1.	Introduction	74
5.2.2.	Excavation and stratigraphy	74
5.2.3.	Archaeological material	74
5.2.4.	Radiocarbon dates	79
5.2.5.	Résumé	79
5.3.	Hartmann Valley 99/3	80
5.3.1.	Introduction	80
5.3.2.	Structures and finds	80
5.4.	Hartmann Valley 97/24	86
5.4.1.	Introduction	86
5.4.2.	Excavation and stratigraphy	86
5.4.3.	Archaeological material	88
5.5.	Ovizorombuku 96/1	91
5.5.1.	Introduction	91
5.5.2.	Excavation and stratigraphy	91
5.5.3.	Archaeological material	104
5.5.4.	Radiocarbon dates	104
5.5.5.	Charcoal analysis	104
5.5.6.	Résumé	105
5.6.	Ovizorombuku 98/6	108
5.6.1.	Introduction	108
5.6.2.	Excavation and stratigraphy	108
5.6.3.	Archaeological material	110
5.6.4.	Radiocarbon dates	112
5.6.5.	Charcoal analysis	112
5.6.6.	Résumé	112
5.7.	Marienflusstal 97/22	114
5.7.1.	Introduction	114
5.7.2.	Excavation, stratigraphy and archaeological finds	114
5.7.3.	Charcoal analysis	114

5.8.	Olunguwa 99/1	118
5.8.1.	Introduction	118
5.8.2.	Excavation and stratigraphy	118
5.8.3.	Archaeological material	122
5.8.4.	Radiocarbon dates	134
5.8.5.	Rock art	136
5.8.6.	Charcoal analysis	146
5.8.7.	Résumé	147
5.9.	N2000/1	150
5.9.1.	Introduction	150
5.9.2.	Excavation and stratigraphy	150
5.9.3.	Archaeological material and radiocarbon dates	150
5.9.4.	Charcoal analysis	156
5.10.	N2000/2	157
5.10.1.	Introduction	157
5.10.2.	Archaeological material	157
5.10.3.	Radiocarbon dates	160
5.11.	Skeleton Coast sites	161
5.11.1.	Introduction	161
5.11.2.	Environment	161
5.11.3.	Archaeological material	161
5.11.4.	Charcoal analysis	176
5.11.5.	Résumé	180
6.	Discussion: Holocene occupation and palaeoecology of northwestern Namibia	181
6.1.	Palaeoclimatic evidence	181
6.1.1.	Charcoal analysis and its palaeoclimatic interpretation	181
6.1.2.	Rockshelter sediments	185
6.2.	The Holocene settlement history of the northern Kunene Region and its context in the archaeology of Southern Africa	188
6.2.1.	Late Pleistocene assemblages	188
6.2.2.	Early Holocene macrolithic assemblages	190
6.2.3.	Middle Holocene macrolithic assemblages	191
6.2.4.	Microlithic Later Stone Age	191
6.2.5.	Ceramic Later Stone Age	193
6.2.6.	"Historical" Stage	198
6.3.	Changing settlement patterns in northwestern Namibia during the Holocene .	200
6.3.1.	Data base and method	200
6.3.2.	The Kunene Region – an autochthonous cultural development?	202
	Summary	204
	References	207