

## CONTENTS

Preface . . . . .	ix
Chapter 1: Serial verbs . . . . .	I
1.1 Grammaticalization . . . . .	3
1.2 Case and topic . . . . .	4
1.3 Data . . . . .	7
Chapter 2: Locative verbs and prepositions . . . . .	9
2.1 Locatives in Twi . . . . .	9
2.2 Locative verbs, prepositions, and prefixes . . . . .	11
2.3 The Locative extended: Yoruba <i>ní</i> . . . . .	20
2.4 Conclusions . . . . .	29
Chapter 3: Verbs and Recipient/Benefactive marking . . . . .	31
3.1 Twi verbs of giving . . . . .	31
3.2 Yoruba ‘give to’, ‘to, for’ . . . . .	33
3.3 Engenni ‘give’, ‘to, for’ . . . . .	38
3.4 Ewe and Awutu ‘give’, ‘for’ . . . . .	39
3.5 Senufo case markers from ‘come’ and ‘give’ . . . . .	41
3.6 Caribbean creole parallels . . . . .	42
3.7 Parallels in Asian languages . . . . .	43
3.8 Conclusions . . . . .	44
Chapter 4: Comitative verbs, prepositions and conjunctions . . . . .	47
4.1 Twi <i>ne</i> , Engenni <i>nàà</i> , Awutu <i>ne</i> . . . . .	47
4.2 Ga <i>kè</i> ‘with’ . . . . .	53
4.3 Comitative verb, preposition and conjunction: Yoruba <i>kpèlu</i> , Ewe <i>kplé</i> , Fon <i>kpôdô...kpô/kpan</i> . . . . .	56
4.4 Conclusions . . . . .	62
Chapter 5: Verbs and object markers . . . . .	65
5.1 Twi <i>de</i> ‘take’, marker of oblique NPs, Patients, transitivity/causativity, and definiteness . . . . .	65
5.1.1 Examples of the particle <i>de</i> . . . . .	66
5.1.2 Analyses by Riis, Christaller, Stewart, Boadi . . . . .	68
5.1.3 Evidence for earlier verb status of <i>de</i> . . . . .	70
5.1.4 Development of <i>de</i> as marker of oblique objects . . . . .	73

5.1.5	Development of <i>de</i> as Patient marker with verbs that take Recipient objects . . . . .	74
5.1.6	Development of <i>de</i> as Patient marker with verbs that take Factitive objects . . . . .	78
5.1.7	Development of <i>de</i> as Patient marker with verbs that take Locative objects . . . . .	83
5.1.8	Development of <i>de</i> as marker of transitivity/causativity . . . . .	86
5.1.9	Patient defined in terms of <i>de</i> . . . . .	94
5.1.10	Parallel with course of development of object marking in children's speech . . . . .	95
5.1.11	Path of development of serial verb constructions with causative interpretation . . . . .	97
5.1.12	Coordinate structures as historical source of serial verb constructions and <i>de</i> construction . . . . .	101
5.1.13	The <i>de</i> construction and the definite/indefinite object distinction . . . . .	111
5.1.14	Conclusions . . . . .	113
5.2	Mandarin Chinese <i>bǎ</i> 'take', object marker . . . . .	114
5.3	Ga <i>kè</i> as incipient object marker . . . . .	117
5.4	Idoma object marking . . . . .	121
5.5	Nupe 'take' . . . . .	126
5.6	'take' in Dagbani and Gwari . . . . .	128
5.7	Engenni 'take' . . . . .	129
5.8	Awutu parallels . . . . .	131
5.9	Vagala, Kalam and Chickasaw 'take' . . . . .	134
5.10	Conclusions . . . . .	136
Chapter 6: Beyond conventional case roles . . . . .		139
6.1	Akan de-verbal prepositions marking NPs outside traditional semantic roles . . . . .	140
6.1.1	Twi <i>gye</i> 'take', 'except' . . . . .	140
6.1.2	Twi <i>gyaw</i> 'leave', 'without' . . . . .	141
6.1.3	Fante <i>képim</i> 'go up to', 'until' . . . . .	141
6.1.4	Twi <i>sej</i> 'surpass', 'more than' . . . . .	142
6.2	Ewe de-verbal prepositions . . . . .	146
6.3	Coverbs in Vietnamese . . . . .	147
6.4	Senufo de-verbal postpositions . . . . .	148

6.5	Conclusions . . . . .	149
Chapter 7: Complementizers and subordinating conjunctions . . . . .		151
7.1	Twi <i>se</i> : from verb of comparison to complementizer and subordinating conjunction . . . . .	151
7.1.1	<i>se</i> as full verb and comparative particle . . . . .	152
7.1.2	<i>se</i> as complementizer . . . . .	156
7.1.3	<i>se</i> as adverbial subordinator introducing clauses of purpose and result . . . . .	161
7.1.4	<i>se</i> marking conditional clauses . . . . .	164
7.1.5	<i>se</i> marking factitive objects . . . . .	166
7.1.6	<i>se</i> as 'approximately' with objects indicating quantity . . . . .	167
7.1.7	<i>se</i> marking reason clauses . . . . .	168
7.1.8	<i>se</i> in frozen combinations . . . . .	172
7.2	Twi <i>se</i> : the verb 'say' as quotative . . . . .	176
7.3	Comparison of Twi <i>se</i> and <i>se</i> complementizers . . . . .	180
7.4	Ewe 'say' complementizer and clause introducer . . . . .	184
7.5	Ga 'say' complementizer and clause introducer . . . . .	190
7.6	Engenni 'say' complementizer and clause introducer . . . . .	192
7.7	Gokana 'say' complementizer . . . . .	197
7.8	Kusal complementizer . . . . .	198
7.9	Idoma 'say' and 'resemble' verb/complementizers . . . . .	199
7.10	Parallels in pidgin and creole languages . . . . .	202
7.11	Overview of verb/complementizer correspondences . . . . .	206
7.12	Conclusions . . . . .	209
Chapter 8: Adverbs and auxiliaries from verbs . . . . .		215
8.1	Twi verbs used as adverbs . . . . .	217
8.2	Yoruba verbs used as adverbs . . . . .	219
8.3	Engenni adverbials . . . . .	225
8.4	Ewe de-verbal adverbs . . . . .	228
8.5	Adverbs and aspects from verbs in Tibetan . . . . .	229
8.6	De-verbal adverbs in Edo . . . . .	231
8.7	Conclusions . . . . .	233
Chapter 9: Pragmatics, typology and teleology . . . . .		235
9.1	Implications for typological structure . . . . .	235

9.2	Meaning relations between verbs in a serial construction . . . . .	.237
9.3	Clause position of de-verbal prepositions and auxiliaries . . . . .	.240
9.4	Directionality of category change in the serial verb context . . . . .	.245
9.5	The "why" question . . . . .	.247
	Notes . . . . .	.251
	References . . . . .	.259
	Language Index . . . . .	.269
	Index . . . . .	.271