

An Introduction to African Linguistics

Contents	i
Preface	ix
Chapter 1: Classification of African languages...	1
0. Preliminaries: two types of classification	1
a. typological or structural classification	1
b. genealogical classification	2
I. Guthrie's classification	3
I.1. Guthrie's criteria for the classification of Bantu	3
I.2. Guthrie's working method	4
I.3. Narrow vs. Wide Bantu	5
II. Greenberg's classification	5
II.a. Westermann's eastern and western sudanic languages	5
II.b. Greenberg's classification	6
II.c. Notes on Niger-Kordofanian	8
II.d. Greenberg's methodology	11
II.e. Why is Bantu part of Niger-Kongo?	11
III. Earlier classifications	13
IV. Some recent proposals of classifications	13
V. Classifications of Cameroonian languages in ALCAM	14
VI. About genetic classifications	16
Appendix a: illustrations of Guthrie's classification	20
Appendix b: Classification of Bantu languages (Bastin 1982).	23
Exercises.	32
Chapter 2: Sound systems of African languages: phonetics	33
I. Vowel characteristics of African languages	33
0. Vowel chart	33
1. Symmetrical vowel systems	33
2. Allophonic variation	36
3. Vowel length	37
4. Phoneme nasalization	39
5. Vowel harmony	40
6. Vowel elision	42
7. Vowel coalescence	43
II. Consonant characteristics of African languages	44
0. Consonant chart of African languages	44
1. Doubly-articulated stops	45
2. Aspirated consonants	46
3. Palatal release	46
4. Implosives	47

5. Glottal stops	47
6. Clicks	47
7. Nasal + consonant sequences	47
8. Geminates in Luganda	49
III. Further characteristics of Bantu languages	50
Exercises.	51

Chapter 3: Non tonal phonological processes	54
1. Vowel harmony	54
1.1. ATR harmony	54
1.2. Height harmony	57
1.3. Round harmony	58
2. Nasalization	59
2.1. nasal assimilation	59
2.1.a. partial nasal assimilation	59
2.1.b. complete nasal assimilation	61
2.2. Nasalization	62
3. Reduplication	63
3.1. Partial reduplication	64
3.1.a. Stem reduplication	64
3.1.b. Single syllable reduplication	65
3.2. Complete reduplication	66
4. Compensatory lengthening	67
5. Penultimate lengthening	68
6. Syllabification	69
7. Segment deletion/insertion	70
8. Vowel coalescence	71
9. Gliding	71
10. Assibilation	72
11. Dahl's law	73
12. Vowel height transfer	73
13. Voicing	75
14. Aspiration	76
15. Implosion	76
16. Glottalization	77
17. Palatalization	77
18. Velarization/labialization	78
19. Floating non tonal features	78
20. Imbrication	81
21. The mora as a prosodic unit	82

Chapter 4: Tonological processes	85
1. Tone groups	85
2. Floating tones	88
3. High tone spreading	91
3.1. left to right spreading	91
3.2. right to left spreading	93
4. Edge-in association	93
5. V2 linking	95
6. Meeussen's rule	96
7. Stevick's rule	97
8. Downstep	97
9. Upstep	99
10. Latent High tone	100
11. Tone retraction	101
12. Effect of depressor consonants	101
13. Some tonological processes in phrasal phonology	101
Chapter 5. Exercises on phonological processes	106
ATR harmony, palatalization and labialization, vowel harmony, imbrication moraic evidence, assibilation, vowel coalescence, nasalization, implosives, vowel height transfer, syllabification, nasal assimilation, Dahl's law, height harmony vowel deletion, reduplication, lengthening, voicing assimilation, vowel raising tone assignment, high tone spreading, transparent low tone, downstep, the superhigh tone, tonal alternations	
Chapter 6: Morphology	150
I. The structure of the Bantu noun	150
I.1. Bantu noun prefixes	150
I.2. Concord	152
I.2.1. The notion of concord	152
I.2.2. Concord affixes	153
I.3. Types of nominal forms in Bantu languages	153
I.4. The Augment in Bantu languages	154
I.5. Secondary prefixes	154
I.6. On the differences between primary & secondary prefixes	156
I.6.1. The structure of the Kiswahili nominal	156
I.6.2. The structure of the Kinande noun	157
I.7. The Grassfields Bantu languages	158
I.7.1. General remarks on Grassfields Bantu languages	158
I.7.2. The noun class in some Grassfields languages	159
(Ngie, Ngamambo, Mankon, Oshie, Kom, Ngwe)	
I.8. Adjectives	169

I.8.1. Commonly found adjectives	169
I.8.2. ProtoBantu adjectives	170
I.8.3. Adjectives in Kivunjo Chaga	170
I.9. Other nominal forms that should be examined	172
II. The structure of the verb	173
II.1. Elements of the verb form	173
II.2. A more simplified terminology.	174
II.3. List of ProtoBantu productive extensions.	174
III. Verbal extensions	176
1. Productive verbal extensions	177
1.1. Extensions that affect verb valency	177
1.1.1. Valency-increasing extensions	177
a. causative	177
b. instrumental	178
c. accompaniment	179
d. applicative/benefactive/dative	179
d. separative	180
f. passive	180
1.1.2. valency-decreasing extensions	181
a. reciprocal	181
b. spontaneous/stative/derived intransitive	182
2. Non-productive verbal extensions	183
IV. Tense, aspect and mood	184
1. Tense	184
2. Aspect	185
a. perfective	185
b. imperfective	186
c. attenuative	186
d. repetitive	187
e. quantitative	187
f. simultaneous	188
g. distributive	188
h. random	188
3. Mood	189
Exercises	190
 Chapter 7: The Syntax of African Languages	 192
1.0 Introduction.	192
1.1. Syntactic categories.	192
1.1.1. Minor Categories.	193
1.1.1.1. Determiners	193
1.1.1.2. Pronouns.	196
1.1.1.3. Conjunctions	198

1.1.1.4. Prepositions.	200
1.1.2. Major Categories.	201
1.1.2.1. Nouns	202
1.1.2.2. Verbs	202
1.1.2.3. Adjectives.	203
1.1.2.4. Adverbs.	203
1.1.2.5. Ideophones	203
1.2. Phrases, trees and rules.	204
1.2.1. The noun phrase.	204
1.2.2. The verb phrase.	208
1.2.3. The prepositional phrase	209
1.2.4. The adjectival phrase	209
1.2.5. The inflection phrase	210
1.3. Transformations and derived structures.	211
1.3.1. Relative Clauses	211
1.3.2. Focus constructions.	215
1.3.3. Question constructions	218
1.3.3. Yes/No Questions.	219
1.3.3.2. Wh-questions.	220
1.3.4. Negation.	222
1.3.5. Nominalization.	225
1.3.5.1. Infinitive Nominals.	226
1.3.5.2. Derived Nominals.	226
1.3.6. Serial verb constructions.	227
1.3.6.1. Co-ordinate SVCs.	228
1.3.6.2. Modifying SVCs.	230
1.4. Agreement in sentence structure.	232
1.4.1. Noun - Satellite agreement.	233
1.4.2. Subject - verb agreement	234
1.4.2.1. Pronoun - verb agreement.	234
1.4.2.2. Noun - verb agreement.	235
1.4.2.3. Nominals - verb agreement.	236
1.4.2.4. Agreement in relative clauses in Swahili	237
1.4.3. Object Verb Agreement.	238
1.5. Summary and Conclusion	242
Chapter 8: Notes on historical linguistics	244
I. Notes on the history of work on African languages	244
II. Language reconstructions	245
a. the comparative method	245
b. internal reconstructions	247
III. Sound changes from Proto-Bantu	248
a. Meinhof's reconstruction of the consonants + vowels ...	249

b. vowel systems	249
c. consonant systems	249
d. tonal systems	250
e. common phonological processes:	251
(i) assibilation	251
(ii) Meinhof's law	252
(iii) Kuanyama law	253
(iv) Dahl's law	253
(v) Nasal harmony	254
(vi) Vowel harmony	254
(vii) Vowel attraction	255
(viii) Liquid deletion	256
(ix) Geminates	257
(x) Free variants	257
(xi) Metathesis	258
Exercises.	259
 Chapter 9: Trade languages, pidgins, and creoles	265
I. Definitions and exemplifications.	265
a. Trade language	265
b. Pidgin	265
c. Creole	266
II. Pidgin English of Cameroon (PEC)	266
a. PEC conversation	267
b. PEC, a creole or a pidgin?	269
c. further issues on the creolization of PEC.....	272
Exercises	274
 Chapter 10: Further issues in African linguistics	279
I. Lexical expansion in African languages	279
I.1. borrowing	280
I.2. resuscitation	284
I.3. coinage, a means of exploiting internal resources	285
I.3.1. composition	285
I.3.1.a. description	286
I.3.1.b. translation	286
I.3.2. Derivation	287
I.3.3. Compounding	287
I.3.4. Reduplication	288
I.3.5. Onomatopoeia	289
I.3.6. Ideophones	289
I.3.7. Range extensions	290
I.4. Combination of mechanisms	291

II. Glottochronology (or lexicostatistics)	293
III. Dialectometry	295
IV. Linguistic geography	300
Exercises.	302
References	303
Language Index	311
Subject Index	314