MORPHOLOGY

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Morphology

Francis Katamba

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To Janet,
Francis and Helen

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Preface

This book is an introduction to morphology that presupposes little previous exposure to linguistics. It is meant to be useful both to students of English and to those of linguistics. Most of the first half of the book, as well as the final chapter, are devoted mainly to problems of English word-formation. The remaining chapters cover a range of morphological phenomena in other languages. But even the parts dealing with English raise issues of a general theoretical interest. The detail in which different parts are studied will vary, depending on the kind of student that uses the book.

I present morphology from the standpoint of current, mainstream generative grammar. My main concerns are the nature of word-formation processes and the ways in which word-formation interacts with phonology, syntax and the lexicon. I hope that the reader will come away not only with an understanding of the descriptive problems in morphology but also with a firm grasp of the theoretical issues and the analytical tools that are available within the model of generative grammar. On completing a course in morphology based on this book students should be equipped to tackle the growing morphological literature that has appeared in recent years.

There are many people whom I must thank for the help they have given me in writing this book. The book grew out of my morphology course at Lancaster University. I must thank the students who have taken this course over the last four years. Special thanks go to Elena Semino and Saleh al-Khateb, whose Italian and Syrian Arabic data I have used here.

I have benefited from discussions with a number of Berkeley linguists, especially Sharon Inkelas, Sam Mchombo and Karl Zimmer. Above all, I must thank in a special way Larry Hyman, with whom I have collaborated on Luganda morphology and phonology for the last ten years. I have learned much of what I know about phonology/morphology through our collaboration.

There are also many other linguists whose theoretical and descriptive studies I have drawn on. They have all contributed in an obvious way to my writing this book.

I also owe a special debt of gratitude to Noël Burton-Roberts, the editor of this series. His rigorous critical comments and positive suggestions have enabled me to avoid some of the pitfalls I would otherwise have encountered. There are two other people at Macmillan that I wish to thank for their technical support: they are Doreen Alig and Cathryn Tanner. I should also like to thank Valery Rose and David Watson, who both helped with the production of this book.

Finally, I thank my wife Janet for her support during the long months and years of writing this book.

Lancaster

FRANCIS KATAMBA

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Abbreviations and Symbols

ADJ/Adj	adjective
AdjP	adjectival phrase
ADV/Adv	adverb
AdvP	adverbial phrase
BVS	Basic verbal suffix (in Bantu)
DET/Det	determiner
GF	grammatical function
GVS	Great Vowel Shift
Inf.	infinitive
N/n	noun
NP/Np	noun phrase
OBJ	object
OCP	Obligatory Contour Principle
OED	<i>Oxford English Dictionary</i>
P/Prep	preposition
PP	prepositional phrase
Pron	pronoun
RHR	Right-hand Head Rule
S	sentence
<i>SPE</i>	<i>The Sound Pattern of English</i>
SUBJ/Subj	subject
V	verb
VP	verb phrase
V _(intr)	verb _(intransitive)
V _(tr)	verb _(transitive)
VP	verb phrase
WFC	Well-formedness Condition
WP	Word and Paradigm (morphology)

The International Phonetic Alphabet

CONSONANTS

	Labial	Labio-dental	Dental	Alveolar	Post-alveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k g	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			ɾ					ʀ		
Tap or Flap				ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant				ɹ				ɰ			
Lateral approximant				l		ɭ	j	ʎ			
Ejective stop	p' b'			t' d'		t' ɖ'	c' ɟ'	k' g'	q' ɢ'		
Impulsive	ɸ ɓ			t d			c f	k ɡ	q ɢ		

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

DIACRITICS

◌̥ Voiceless	◌̦ More rounded	◌̧ Less rounded	◌̨ Advanced	◌̩ Retracted	◌̪ Centralized	◌̫ Mid centralized	◌̬ Advanced Tongue root	◌̭ Retracted Tongue root	◌̮ Rhoticity
◌̯ Voiceless	◌̰ More rounded	◌̱ Less rounded	◌̲ Advanced	◌̳ Retracted	◌̴ Centralized	◌̵ Mid centralized	◌̶ Advanced Tongue root	◌̷ Retracted Tongue root	◌̸ Rhoticity
◌̸ Voiceless	◌̹ More rounded	◌̺ Less rounded	◌̻ Advanced	◌̼ Retracted	◌̽ Centralized	◌̾ Mid centralized	◌̿ Advanced Tongue root	◌̽ Retracted Tongue root	◌̾ Rhoticity
◌̿ Voiceless	◌̺ More rounded	◌̻ Less rounded	◌̼ Advanced	◌̽ Retracted	◌̾ Centralized	◌̿ Mid centralized	◌̺ Advanced Tongue root	◌̻ Retracted Tongue root	◌̼ Rhoticity
◌̺ Voiceless	◌̻ More rounded	◌̼ Less rounded	◌̽ Advanced	◌̾ Retracted	◌̿ Centralized	◌̺ Mid centralized	◌̻ Advanced Tongue root	◌̼ Retracted Tongue root	◌̽ Rhoticity
◌̻ Voiceless	◌̼ More rounded	◌̽ Less rounded	◌̾ Advanced	◌̿ Retracted	◌̺ Centralized	◌̻ Mid centralized	◌̼ Advanced Tongue root	◌̽ Retracted Tongue root	◌̾ Rhoticity
◌̼ Voiceless	◌̽ More rounded	◌̾ Less rounded	◌̿ Advanced	◌̺ Retracted	◌̻ Centralized	◌̼ Mid centralized	◌̽ Advanced Tongue root	◌̾ Retracted Tongue root	◌̿ Rhoticity
◌̽ Voiceless	◌̾ More rounded	◌̿ Less rounded	◌̺ Advanced	◌̻ Retracted	◌̼ Centralized	◌̽ Mid centralized	◌̾ Advanced Tongue root	◌̿ Retracted Tongue root	◌̺ Rhoticity
◌̾ Voiceless	◌̿ More rounded	◌̺ Less rounded	◌̻ Advanced	◌̼ Retracted	◌̽ Centralized	◌̾ Mid centralized	◌̿ Advanced Tongue root	◌̺ Retracted Tongue root	◌̻ Rhoticity
◌̿ Voiceless	◌̺ More rounded	◌̻ Less rounded	◌̼ Advanced	◌̽ Retracted	◌̾ Centralized	◌̿ Mid centralized	◌̺ Advanced Tongue root	◌̻ Retracted Tongue root	◌̼ Rhoticity

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VOWELS

	Front	Central	Back
Close	i ɪ	ɨ	u
Close-mid	e ø	ɘ	o
Open-mid	ɛ	æ	ɔ
Open	a	ɶ	ɑ

Where symbols appear in pairs, the one to the right represents the rounded vowel.

OTHER SYMBOLS

◌̥ Voiceless labial-velar fricative	◌̦ Bilabial click
◌̧ Voiced labial-velar approximant	◌̨ Dental click
◌̩ Voiced labial-palatal approximant	◌̪ (Post)alveolar click
◌̫ Voiced epiglottal fricative	◌̬ Palatoalveolar click
◌̭ Voiced epiglottal plosive	◌̮ Alveolar lateral click
◌̯ Voiced epiglottal fricative	◌̰ Alveolar lateral flap
◌̱ Simultaneous ʃ and x	◌̲ Alveolo-palatal fricatives
◌̳ Additional mid central vowel	◌̴

Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.

CONTOUR TONES

SUPRASEGMENTALS	LEVEL TONES	CONTOUR TONES
◌̥ Primary stress	◌̦ Extra-high	◌̧ or ʔ rise
◌̧ Secondary stress	◌̨ High	◌̩ fall
◌̨ Long eː	◌̪ Mid	◌̫ high rise
◌̩ Half-long eː	◌̬ Low	◌̭ low rise
◌̪ Extra-short eː	◌̮ Extra-low	◌̯ rise fall
◌̫ Syllable break .i.ækt	◌̬ Downstep	
◌̬ Minor (foot) group	◌̮ Upstep	
◌̭ Major (intonation) group		
◌̮ Linking (absence of a break)		
◌̯ Global rise		
◌̰ Global fall		