Contents

General preface					1X
Preface					xiii
No	otatio	n			xv
1	A li	1			
	1.1	A gro	wing int	terest in linguistics	1
	1.2	The h	istorical	l perspective	2
		1.21	Phonol	ogical theory	3
		1.22	Data on phonological development		4
	1.3	The contribution of linguistics			6
	1.4	The li	mitation	ns of linguistics	8
2	Asp	ects of	10		
	2.1	The s	tudy of	the normal child	10
	2.2	Stage	s of pho	onological development	10
	2.3	Some	general	phonological characteristics	15
		2.31	Preverl	bal vocalization and perception	15
		2.32	Phonol	logy of the first 50 words	17
		2.33	The ph	nonology of the simple morpheme	22
			2.331	The development of perception	22
			2.332	Perception and production	24
			2.333	The phonetic inventory	26
			2.334	Phonological processes	29
				Syllable structure processes	29
				Assimilatory processes	34
				Substitution processes	39
				Multiple processes	43
		2.34	Compl	letion of the phonetic inventory	44
		2.35	Morph	nophonemic development	45
	2.4	2.4 Levels of representation			48

VI PHONOLOGICAL DISABILITY IN CHILDREN

3	The analysis of a child's speech			51
	3.1	The p	51	
	3.2	Ethel's phonological sample		
	3.3	The analysis of Ethel's speech		
		3.31	Ethel's stages	54
		3.32	Ethel I	55
			3.321 Syllables	55
			3.322 Inventories	55
			3.323 Phonological processes	57
			3.324 The system of contrasts	63
		3.33	Ethel II	66
			3.331 Perceptual level	66
			3.332 One-syllable words	66
			3.333 Two-syllable words	69
	3.4	Analysis as a method		
	mi.	41	- 1-1 C	76
4		The methodology of data collection		
	4.1	Some	e methodological issues	76
	4.2	The elicitation of a phonological sample		78
		4.21	The purposes of elicitation	
		4.22	Screening	78
		4.23	Analysis	81
			4.231 The use of imitation	81
			4.232 The use of a single test item	83
			4.233 The use of naming	86
			4.234 The use of spontaneous language	86
		4.24	Developing an analytic test	86
	4.3	Transcription		89
		4.31	The use of audio taperecordings	89
		4.32	The use of multiple transcribers	90
		4.33	The use of a transcription system	92
	4.4	Keeping a permanent record		
		4.41	Preparation for analysis	93
		4.42	Keeping a record	95

		CONTENTS	V11		
5	The	nature of deviant phonology	98		
/	5.1	Defining 'deviance'			
	5.2	The systematic nature of deviant phonology 5.21 Kevin	99 100		
		5.22 Tom, Jim and Frank	101		
		5.23 BN	106		
		5.24 Val, Jean, Vince, Jay and Curt	108		
		5.25 Bernie, Marc, Jennifer and Christina	110		
		5.26 Joe and David	112		
	5.3	Do deviant children have deviant systems?			
		5.31 Types of phonological processes in deviant phonology	115		
		5.32 The use of phonological processes	117		
		5.33 The use of contrast	119		
	A CONTRACTOR OF THE PARTY OF TH	5.34 Summary	120		
	5.4	Types of phonological disorders	121		
		5.41 Redefining functional articulation disorders	121		
		5.42 Mental retardation	122		
		5.43 The hard-of-hearing	123		
		5.44 Down's Syndrome	125		
		5.45 Cleft palate	128		
	5.5	Summary	129		
6	Issu	es in remediation	130		
	6.1	Explicitly principled therapy	130		
	6.2	The elimination of phonological processes	131		
		6.21 The inadequacy of substitution analysis	131		
		6.22 The use of distinctive features	132		
		6.221 Features as a descriptive device	133		
		6.222 Features as a predictive device	134		
		6.23 The generalization hypothesis	136		
		6.24 Summary	140		
	6.3	The establishment of contrasts			
		6.31 The elimination of instability	141		
		6.32 The elimination of homonyms	142		
		6.33 Contrasts within the child's system	143		

VIII PHONOLOGICAL DISABILITY IN CHILDREN

6.4	Some further issues		
	6.41	Deciding what to teach first	148
	6.42	Degrees of correctness	150
	6.43	The role of discrimination training	152
	6.44	A note on the role of training syntax	153
Refere	155		
Index			163