

# Table of contents

Acknowledgements	XV
Abbreviations	XVII
Abbreviations for sign language names	XX
Database acronyms	XXI
Languages cited in CHAPTER 1	XXII
<b>1. Introduction</b>	<b>1</b>
1.1 Fast forward from the past to the present	1
1.2 The purpose of this book	3
1.3 Conventions	5
1.3.1 Some remarks on the languages cited in this book	5
1.3.2 Some remarks on the examples in this book	8
1.4 The structure of this book	10
1.5 Keywords	12
1.6 Exercises	12
Languages cited in CHAPTER 2	14
<b>2. Typology and universals</b>	<b>15</b>
2.1 What is typology?	15
2.2 Classifications	19
2.2.1 A note on pidgins, creoles and mixed languages	23
2.2.2 A brief note on sign languages	28
2.3 What are universals?	30
2.3.1 Unrestricted universals: absolute and statistical	31
2.3.2 Implicational universals	33
2.4 A very short note on motivations for language universals	34
2.5 Summary	36
2.6 Keywords	37
2.7 Exercises	37

Languages cited in CHAPTER 3	38
3. Methodology: Sampling, databases, and how many languages does a typologist speak?	39
3.1 Data	39
3.1.1 A note on the situation of the languages of the world	44
3.1.2 A note on language documentation and description	46
3.2 Sampling	49
3.2.1 Types of samples	49
3.2.2 Types of bias	50
3.3 Databases	54
3.4 A note on methodological issues with sign languages	57
3.5 Summary	58
3.6 Keywords	59
3.7 Exercises	59
Languages cited in CHAPTER 4	60
4. Phonology	61
4.1 Phonemes, syllables and prosody	61
4.1.1 Segments	62
4.1.1.1 Consonants	63
4.1.1.2 Vowels	67
4.1.2 Syllables and suprasegmentals	68
4.2 Phonological typology	69
4.2.1 Segment inventories	70
4.2.2 Patterns of syllable structures	77
4.2.3 Patterns of prosody	79
4.2.3.1 Length	79
4.2.3.2 Tone	80
4.2.3.3 Stress	82
4.3 Sign language phonology	84
4.4 Summary	86
4.5 Keywords	87
4.6 Exercises	87
Languages cited in CHAPTER 5	88
5. Morphology	89
5.1 The building blocks of words	89
5.2 Morphological typology	95
5.2.1 Fusion	96
5.2.1.1 Isolating markers	97
5.2.1.2 Concatenative (linear) markers	97

5.2.1.3	Non-linear markers	98
5.2.1.4	Reduplication	100
5.2.2	Exponence	104
5.2.3	Flexitivity	106
5.2.4	Synthesis	108
5.3	Sign language morphology	110
5.4	Summary	112
5.5	Keywords	113
5.6	Exercises	113
Languages cited in CHAPTER 6		114
6.	The lexicon and its classes	115
6.1	Word-formation	115
6.1.1	Derivation	116
6.1.2	Compounding	117
6.2	Parts-of-speech	121
6.2.1	Lexical classes	122
6.2.1.1	Nouns	123
6.2.1.2	Verbs	123
6.2.1.3	Adjectives	126
6.2.1.4	Adverbs	130
6.2.2	Functional classes	132
6.2.2.1	Pronouns	133
6.2.2.2	Adpositions	141
6.2.2.3	Numerals	142
6.2.2.4	Articles	144
6.2.2.5	Auxiliaries	146
6.2.2.6	Conjunctions	147
6.2.2.7	Interjections	149
6.3	Parts-of-speech in sign languages	150
6.4	Summary	152
6.5	Keywords	153
6.6	Exercises	153
Languages cited in CHAPTER 7		154
7.	Nominal categories and syntax	155
7.1	NP categories	155
7.1.1	Number	159
7.1.1.1	Number values	159
7.1.1.2	Obligatoriness	162
7.1.1.3	Associative plural	164

7.1.2	Noun classes (gender) and classifiers	165	
7.1.2.1	Gender	165	
7.1.2.2	Classifiers	172	
7.1.3	Case	175	
7.2	NP syntax	181	
7.2.1	Heads and dependents	181	
7.2.2	Government and agreement	184	
7.3	Nominal categories and syntax in sign languages	188	
7.4	Summary	190	
7.5	Keywords	191	
7.6	Exercises	191	
	Languages cited in CHAPTER 8		192
8.	Verbal categories		193
8.1	A very brief introductory note on the VP	193	
8.2	Tense	194	
8.2.1	Remoteness	199	
8.2.2	Absolute tense	201	
8.2.3	Relative tense	203	
8.3	The perfect	205	
8.4	Aspect	208	
8.4.1	Aspect versus <i>Aktionsart</i>	208	
8.4.2	Perfective versus imperfective	209	
8.5	Mood and modality	214	
8.5.1	Realis and irrealis	214	
8.5.2	Propositional modalities	217	
8.5.2.1	Evidentials	217	
8.5.2.2	Epistemics	219	
8.5.3	Event modalities	220	
8.5.3.1	Deontics	220	
8.5.3.2	Dynamics	223	
8.6	TMA in sign languages	223	
8.7	Summary	226	
8.8	Keywords	227	
8.9	Exercises	227	

Languages cited in CHAPTER 9	228
<b>9. Simple clauses</b>	<b>229</b>
9.1 Clause participants 229	
9.1.1 Semantic roles 230	
9.1.2 Pragmatic roles 232	
9.1.3 Grammatical relations and alignment 235	
9.1.3.1 Subjects and objects 235	
9.1.3.2 Transitivity 237	
9.1.3.3 Subject alignment 237	
9.1.3.4 Object alignment 244	
9.1.3.5 Verb agreement 246	
9.1.3.6 Split systems 253	
9.2 Valency 257	
9.2.1 Increasing valency 260	
9.2.1.1 Causatives 260	
9.2.1.2 Applicatives 263	
9.2.2 Reducing valency 264	
9.2.2.1 Passives 265	
9.2.2.2 Antipassives 267	
9.2.2.3 Noun incorporation 268	
9.2.2.4 Anticausatives 269	
9.2.3 Transposing valency 270	
9.2.3.1 Inversion 270	
9.2.3.2 Dative shift 271	
9.3 Simple clauses in sign languages 272	
9.4 Summary 274	
9.5 Keywords 274	
9.6 Exercises 275	
Languages cited in CHAPTER 10	276
<b>10. Word order</b>	<b>277</b>
10.1 A very brief introductory note on syntax 277	
10.1.1 The building blocks of sentences 278	
10.1.1.1 Phrases 278	
10.1.1.2 Clauses 279	
10.1.2 Constituents 279	
10.2 Word order typology 281	
10.2.1 Order of clause constituents 284	
10.2.2 Order of phrase constituents 290	

10.2.3	Constituent order correlations	295
10.2.3.1	OV languages	295
10.2.3.2	VO languages	298
10.2.4	Flexible word order	300
10.3	Word order in sign languages	302
10.4	Summary	304
10.5	Keywords	305
10.6	Exercises	305
Languages cited in CHAPTER 11		306
11.	Complex clauses	307
11.1	Coordination	307
11.1.1	Asyndetic coordination	308
11.1.2	Syndetic coordination	310
11.1.2.1	Monosyndetic coordination	311
11.1.2.2	Bisyndetic coordination	312
11.1.2.3	Multiple coordination	313
11.1.3	Ellipsis	314
11.2	Subordination	315
11.2.1	Complement clauses	316
11.2.1.1	Finite complements	317
11.2.1.2	Non-finite complements	318
11.2.2	Adverbial clauses	320
11.2.2.1	Adverbial clauses that can be replaced with one word	320
11.2.2.2	Adverbial clauses that cannot be replaced with one word	321
11.2.3	Relative clauses	323
11.2.3.1	The structure of the relative clause	324
11.2.3.2	The position of the relative clause	328
11.3	Cosubordination	331
11.3.1	Serial verb constructions	332
11.3.2	Clause chaining	334
11.3.2.1	Medial clauses	335
11.3.2.2	Switch reference	337
11.4	Complex clauses in sign languages	339
11.5	Summary	342
11.6	Keywords	343
11.7	Exercises	343

Languages cited in CHAPTER 12	344
<b>12. Speech acts and politeness</b>	<b>345</b>
12.1 Speech acts 345	
12.1.1 Declaratives 346	
12.1.1.1 Affirmative declaratives 346	
12.1.1.2 Negative declaratives 347	
12.1.2 Interrogatives 352	
12.1.2.1 Polar questions 352	
12.1.2.2 Content questions 356	
12.1.3 Imperatives 359	
12.1.3.1 Positive imperatives 359	
12.1.3.2 Negative imperatives 364	
12.2 Politeness 367	
12.2.1 Indirect speech acts 368	
12.2.2 Honorifics 370	
12.2.2.1 Referent honorifics 370	
12.2.2.2 Addressee honorifics 373	
12.2.2.3 Bystander honorifics 375	
12.3 Speech acts in sign languages 377	
12.4 Summary 382	
12.5 Keywords 383	
12.6 Exercises 383	
Languages cited in CHAPTER 13	384
<b>13. Language change</b>	<b>385</b>
13.1 Grammaticalization 385	
13.1.1 The process of grammaticalization 386	
13.1.1.1 Desemanticization 388	
13.1.1.2 Extension 390	
13.1.1.3 Decategorialization 390	
13.1.1.4 Erosion 391	
13.1.2 Paths of grammaticalization 392	
13.1.2.1 Content words 392	
13.1.2.2 Function words 394	
13.1.2.3 Clitics 398	
13.1.2.4 Inflectional affixes 399	
13.1.3 A very short note on unidirectionality and degrammaticalization 399	

13.2	Contact-induced change and linguistic areas	400
13.2.1	Sociolinguistic factors and mechanisms of contact-induced change	401
13.2.1.1	Types of contact situation	401
13.2.1.2	Types of borrowing	403
13.2.1.3	Mechanisms of contact-induced change	404
13.2.2	Feature 'borrowability'	408
13.2.2.1	Phonology	408
13.2.2.2	Morphology	408
13.2.2.3	Nominal categories	408
13.2.2.4	Verbal categories	409
13.2.2.5	Parts-of-speech	410
13.2.3	Linguistic areas	411
13.2.3.1	The Balkans	411
13.2.3.2	The circum-Baltic	412
13.2.3.3	Ethio-Eritrea	413
13.2.3.4	South Asia	413
13.2.3.5	Mainland Southeast Asia	414
13.2.3.6	The Northwest Pacific Coast	414
13.2.3.7	Meso-America	414
13.3	Language change in sign languages	415
13.4	Summary	418
13.5	Keywords	419
13.6	Exercises	419
	APPENDIX 1. Selected sample of sites	421
	APPENDIX 2. Languages cited in this book	425
	Glossary	455
	References	475
	Subject index	505