Subject index

abbreviations xii–xiii
absolute universals 14
accents 220–225
Contrastive Analysis Hypothesis 221
Markedness Differential Hypothesis 222–223
Structural Conformity Hypothesis 223–225, 230
Accessibility Hierarchy 71–75, 101, 231–236, 281
accusative alignment 87, 90
accusative case 68, 86
acronyms 46
active alignment 87, 88, 90
adjacency 91, 95–96, 172, 250–251, 257, 272
adjectives 51–59
color words 56–59
see also antonyms
adjuncts: definition 281
adpositions 91, 98–100, 208–209, 281
affixes 112–113
derivational 121, 122, 140, 141, 143–144
inflectional 121, 122, 140, 141, 143–144
invariance vs. variance of affix forms 115
monosemous vs. polysemous affixes 113, 114, 116, 123–125
overt vs. zero affixes 116–117
separatist vs. cumulative affixes 113, 114, 115, 122–125
single-form vs. synonymous affixes 116
synonymy 115, 116
vs. words 144
agglutination 123, 281
agreement 67–68, 81, 82–86
controllers 82, 82–84, 281
definition 281
features 82, 281
targets 82, 281
verb agreement 82–84
vs. government 69
Agreement Hierarchy 84–86
alienable possession 35, 281
alignment 87–90, 281
accusative alignment 87, 90
active alignment 87, 88, 90
ergative alignment 87, 88, 89, 90
allomorphs 114, 115, 116, 126, 132
allophones 158, 160, 161, 162
alphabets 180, 182, 183
ambipositions 204, 281
analogy 266
Animacy Hierarchy 84, 281
antonyms 51–56
first-language acquisition 209–214
effect of frequency 211–214
overextension 210–214
form 53
frequency 53
morphological structure 55
paradigmatic complexity 54–55
syntagmatic simplicity 54–55
use 51–53
argument: definition 281
articles
crosslinguistic distribution 195–196
genesis of articles 195–201, 249
gradual change 199
inflections 198
language contact 199–200
meaning 198
patterns of evolution 200–207
phonological form 196–198
assimilation 158–163
manner of articulation 158
orality vs. nasality 162
place of articulation 158–162
voice assimilation 158
Association for Linguistic Typology 19
asymmetry 264
augmentation 129
automatization 258
body-part terms 26–27, 31–34
existence of terms 31–34
and kinship terms 35
morphological composition 34
borrowing 204
boustrophedon 182
calques 200
case 68–69, 86–90
accusative 68, 86
decisions 114–115
nominative 86
syncretism 125
categorization see taxonomy
choice of words and word forms
ser syntactic typology
chinking 209, 258, 259
circumfixing 118, 139
classifiers 75–80
mensural classifiers 77
numeral (sortal) classifiers 76–77
languages 76–77
semantics 77–80
clities 144, 174
cognitive dissonance 268
color words 56–59
choice constraints 57
explanation for constraints 58, 60
restricted inventory 57
complement: definition 281
complexity
antonyms 54–55
and frequency 265
implausible universals 15–16
complexity (cont.)
in relative clauses 235
zero forms 134–135
compositionality 28–29, 30
body-part terms 34
definition 281
words vs. sentences 342
compound words 28–29, 30, 112, 120–121, 144, 154
conceptualization 261
conditional universals see implicational universals
conflict resolution 268
consonant clusters 223
consonant harmony 153–154
consonantal writing systems 182
consonant–consonant order in syllables 166–172
consonants 176
nasal 13
syllabic 156–157
consonant–vowel inventories 175
consonant–vowel order in syllables 165–166
Contrastive Analysis Hypothesis 221
Controller Hierarchy 83–84, 101
copula 66–67, 70, 135
correlation pairs 250, 256–257
evolution 267–269, 250
harmony by extension 207–208
harmony by reanalysis 208–209
creativity in second-language acquisition 220
crosslinguistic generalizations 11, 20–21
discourse 20
existence of words 28
testing 20
crosslinguistic preferences see explaining crosslinguistic preferences
crosslinguistic similarities 2–9
genetic relatedness 3–4, 5, 8
language contact 4, 5, 8, 199–200
language types 5, 7, 8, 182
language universals 5, 8–9
shared environmental conditions 8
cultural constraints 60–61
data sources 19–21
dative case 68
declensions 114–115
definite article
clitics 174
gender syncrism 123–125, 136
demonstratives 197, 198, 201
dependents 7–8, 100, 256–257, 263, 281
determinatives 180
diachrony 251–259
definition 281
grammaticalization 258–259
harmonization 256–257
interlanguage 252
proximization 252–256
dichotomies 264
diminution 130
domain-general properties 262–268, 270–271
conflict resolution 268
heads and dependents 263
iconicity 266
imitation 266–267
linearization 265
markedness 264–265
symbolism 266
types and tokens 263–264
wholes and parts 262–263
domain-specific properties 268–270
poverty of stimulus 270
Universal Grammar 268–270
duplexes 128, 129, 282
“elevator experience” 2
ergative alignment 88, 89, 90
error rates 231
euphemisms 59
existential statements 11, 14, 69, 119
explaining crosslinguistic preferences 2, 243–274
diachrony 251–259
definition 281
first-language acquisition 251–252
grammaticalization 258–259
harmonization 256–257
interlanguage 252
proximization 252–256
explanation defined 244–246
nomological explanations 246
permissive explanations 246
probabilistic explanations 248–271
function 259–271
compatibility and necessity 261
conflicting functions 262, 273
domain-general properties 262–268, 270–271
domain-specific properties 268–270
goals 260–262
means 262–271
multiple functions 261–262
language structure 246–247
functional explanation 248, 271
historical explanation 247
structural explanation 246–249
extravagance 261
familiarity
in relative clauses 234
in second-language acquisition 220, 230
first-language acquisition 209–219
antonyms 209–214
chunking 209
effect of frequency 211–214
overextension 210–214
and historical change 251–252
nature vs. nurture 212–214, 217
poverty of stimulus 270
resumptive pronouns 228
spatial terms 214–219
frequency
antonyms 53, 211–214
linear order patterns 91–97, 100, 101
overextension 211–214
and paradigmatic complexity 265
and simplicity of structure 265
zero forms 135–137
function 259–271
compatibility and necessity 261
conflicting functions 262, 273
domain-general properties 262–268, 270–271
domain-specific properties 268–270
goals 260–262
means 262–271
multiple functions 261–262
functional approach 271
gender
personal pronouns 42–43
syncretism 123–125, 136
genetic relatedness 3–4, 5, 8, 18
geographic groups 18
government (grammatical) 68–69, 81, 82, 86–90
grammaticalization 200, 201, 205, 206, 249, 258–259
harmonization
diachrony 256–257
harmony by extension 207–208
harmony by reanalysis 208–209
heads 7–8, 100, 256–257, 263, 281
hieroglyphs 179–180, 182, 183
hiragana 181, 183
historical change 194, 195–209
genesis of articles 195–201, 249
grammaticalization 200, 201, 205, 206
vocabulary 3
word order change 195, 201–209
homonymy 123
homorganicity 159–160, 282
iconicity 185, 186, 266
imitation 266–267
implicational universals 11–13, 14–16
complexity 15–16
paradigmatic universals 14–15
reflexive universals 14–15
syntagmatic universals 14–15
inalienable possession 35, 281
indefinite articles 67
infixed 118, 138
inflections 198
inpositions 97
interlanguages 223–225, 230, 252
intention 180
introfixes 118, 139
invariance 195
kanji 181, 183
kinship terms 5, 24–29
and body-part terms 35
condition of life of connective relative 37
consanguineal vs affinal relations 36, 37
existence of terms 35–38
generational difference 36, 37
lineal vs. collateral relations 36, 37
morphological structure 38–39
relative age within generation 37
sex differentiation 36, 37
sex of the speaker 37
labial nasals 11
Language and Culture Research Centre, Cairns Institute, James Cook University, Australia 17
language and thought 59–61
language change 193–240
developmental change 194
first-language acquisition 209–219
second-language acquisition 219–231
historical change 194, 195–209
genesis of articles 195–201, 249
grammaticalization 200, 201, 205, 206
vocabulary 3
word order change 195, 201–209
invariance 195
linguistic performance 231–239
competing motivations 236–239
relative clauses 231–236
propagation 195
stages 194
language contact 4, 5, 8, 199–200
language groups 18
language samples 17–19
Dryer’s sampling technique 18–19
geographic groups 18
measure of universal tendencies 18
language structure 246–247
functional explanation 248, 271
historical explanation 247
simplicity 265
structural explanation 246–249
language types 5, 7, 8, 9
language typology 1–21
data sources 19–21
goals 2–10
language samples 17–19
statement types 10–17
language universals 5, 8–9
Language Universals Archive 20–21
lexical typology 25–62
antonymic adjectives 51–56
body parts 26–27, 31–34
color words 56–59
compositionality 28–29, 30
kinship terms 5, 34–39
language and thought 59–61
morphological structure and meanings 30–31
number words 45–51
onomatopoeia 28, 29
partonomy 27–28, 282
personal pronouns 8–9, 39–45
polysemic words 30
sounds and meanings 28–31
taxonomy 27–28, 282
words for everything? 26–28
linearization 265, 282
order pattern frequency 91–97, 100, 101
see also word order
linguistic performance 231–239
competing motivations 236–239
error rates 231
linguistic performance (cont.)
preferential use 231
reaction time 231
relative clauses 231–236
self-repairs 237–239
Linguistic Relativity hypothesis 59
logographic writing systems 181, 183, 282
markedness 54–55, 264–265
morphology 134, 136–137, 143
phonology 173–174
in sign and spoken languages 187
Markedness Differential Hypothesis 222–223
memory 136
mensural classifiers 77
mereonomy see partonomy
metonymy 78, 79
Minimize Domain Principle 235
Minimize Form Principle 236
modality 13
modality effects 186
monomorphemic words definition 282
number words 45–46
monosemous morphemes 113, 114, 116, 123–125
monosemy: definition 282
morphemes
affixes 112–113
derivational 121, 122, 140, 161, 143–144
inflectional 121, 122, 140, 141, 143–144
invariance vs. variance of affix forms 115
monosemous vs. polysemous affixes 113, 114, 123–125
overt vs. zero affixes 116–117
separatist vs. cumulative affixes 113, 114, 115, 122–125
single-form vs. synonymous affixes 116
allomorphs 114, 115, 126, 132
order 117–119
circumfixing 118, 139
infixing 118, 138
interlocking 117–118, 138
introfixing 118, 139
suprasegmentals 118–119, 137, 139, 176
reduplication 126–131
recurrent form properties 127–129
recurrent semantic properties 129–131
roots 112
stems 112–113, 120–121
zero forms 114–115, 116–117, 131–137
morphological categories
affixes vs. words 144
derivational vs. inflectional affixes 143–144
words vs. phrases 144
morphological typology 109–146
analytic structures 111
choice of morpheme forms 114–117
invariance vs. variance of affix forms 115
monosemous vs. polysemous affixes 116
overt vs. zero affixes 116–117, 131–137
reduplication 126–131
separatist vs. cumulative affixes 115
single-form vs. synonymous affixes 116
choice of morphemes 111–114, 120–126
cumulation and syncretism 122–125
monomorphemic vs. polysemous affixes 113, 114, 123–125
overt vs. zero affixes 116–117
separatist vs. cumulative affixes 113, 114, 122–123
stems and affixes 113, 120–122
markedness relations 134, 136–137, 143
order of morphemes 117–119, 137–143
free order 138
interlocking order 117–118, 138
Relevance Hypothesis 140–142
simultaneity 137, 138
suffixing vs. prefixing 139–140
synthetic structures 111
morphological vs. syntactic structures 142–143
nasal consonants 13
Natural Semantic Metalanguage framework 40
nature vs. nurture 212–214, 217
negation 245
in sign and spoken languages 187
in sign languages 186
neutralization 160, 161, 162, 282
nominative case 86
nomological explanations 246
noun phrases 98–100
number words 45–51
existence of words 50, 245
monomorphemic and polymorphemic numerals 45–46, 134, 135, 282
polymorphemic numerals
components 46
operations 49–50
order of components 50
structure 45–50, 51
numeral classifiers 76–77
‘one’ 197, 198, 201
onomatopoeia 28, 29
oral stops 10
overextension in language acquisition 210–214
asymmetry 211
effect of frequency 211–214
paradigmatic complexity see complexity
paradigmatic relations: definition 282
paradigmatic universals 14–15
partonomy 27–28, 78, 262–263
definition 282
in first-language acquisition 209
Performance-Grammar Correspondence Hypothesis 252
verb and adposition 253–255
verb and direct object 253
permissive explanations 246
personal pronouns 8–9, 39–45
existence of words 44
gender 42–43
morphological structure 43–44
number 40–42
person 40
social factors 42
phonemes 151, 160, 161
phonographic writing systems 179
phonological categories 174–176
consonants 176
consonant-vowel inventories 175
sound segments 175
suprasegmentals 175
syllables 175
vowels 175
words 174–175
phonological deviance 150
phonological reduction 199, 258
phonological typology 149–176
choice of sound forms 156–157
allophony 158, 160, 161, 162
assimilation 158–163
neutralization 160, 161, 162, 282
sound patterns 152–153
choice of sounds within syllables 156–157
syllabic consonants 156–157
choice of sounds within words 153–156
compounds 154
consonant harmony 153–154
sibilant harmony 153
vowel harmony 154–156
markedness relations 173–174
order of sounds 163–172
consonant–consonant order in syllables 166–172
consonant–vowel order in syllables 165–166
constraints 163–165
stress placement 172
temporal relations 172–173
see also sign languages; writing systems
phonotactic constraints 163–165, 282
phrases vs. words 144
pictograms 177, 282
plosives: definition 282
polymorphemic words 30, 113
definition 282
numerals 45–46, 49–50, 282
polysemous morphemes 113, 114, 116, 123–125
polysemy: definition 282
possessor 98–100, 282
possesum 98–100, 282
poverty of stimulus 270
precedence 91, 94–95, 96, 173
preferential use 231
prefixes 117, 129–140
prepositions 68, 175
probabilistic explanations 246
pronouns see personal pronouns; resumptive pronouns
proximization 251, 252–256
possessed noun and adposition 255
verb and adposition 253–255
verb and direct object 253
questions
in sign and spoken languages 187
in sign languages 186
reaction time 231
Redup Principle 180
recursion 270
reduplication 126–131
recurrent form properties 127–129
duplifixes 128
partial reduplication 127–129
position 128
repetitions 128–129
semantic properties 129–131
augmentation 129
diminution 130
in sign and spoken languages 186
in sign languages 185
reflexive universals 14–15
relative clauses 70, 71, 72–75, 98, 231–236
Relevance Hypothesis 140–142
Research Centre for Language Typology, La Trobe University, Melbourne, Australia 17
Resolvability 223
respect 5
resumptive pronouns 70–75
development 282
first-language acquisition 228
linguistic performance 231–236
second-language acquisition 225–230
roots 112
Sapir–Whorf hypothesis 59
second-language acquisition 219–221
accents 220–225
Contrastive Analysis Hypothesis 221
Markedness Differential Hypothesis 222–223
Structural Conformity Hypothesis 223–225, 230
creativity 220
interlanguage 223–225, 230, 252
preference for the familiar 220, 230
resumptive pronouns 225–230
selectivity 219, 220
simplification 220, 230
self-repairs 237–239
semantic bleaching 199, 258
sentences vs. words 142
shared cultural environment 4–5
sibilant harmony 153
sign languages 184–188
shared properties of sign and spoken languages 186–187, 188
iconicity 186
markedness relations 187
multiple levels of structure 186
negation 187
questions 187
reduplication 186
simultaneity 186
spatial identification of referents 185
shared properties of sign languages 185–186, 187
iconicity 185
multiple levels of structure 186
negation 186
questions 186
reduplication 185
use of simultaneous expression 185
use of space 185
SIL see Summer Institute of Linguistics International
simplification 267
second-language acquisition 220, 230
simultaneity
order of morphemes 137, 138
in sign and spoken languages 186
in sign languages 185
“sniglets” 26
social conventions 258
sonority: definition 168

Sonority Hierarchy 166–170, 174, 189
sortal classifiers 76
sound forms 156–157
allophony 158, 160, 161, 162
assimilation 158–163
neutralization 160, 161, 162, 282
sound patterns 152–153
sounds
and meanings 28–31
order of sounds 163–172
consonant–consonant order in syllables 166–172
consonant–vowel order in syllables 165–166
constraints 163–165
stress placement 172
within syllables 156–157
within words 153–156
compounds 154
consonant harmony 153–154
sibilant harmony 153
vowel harmony 154–156
spatial terms 214–219
statement types 10–17
existential statements 11, 14, 69, 119
statistical statements 14
statistical statements 14
statistical universals 14, 18
stems 112–113, 120–121
stress 172, 175, 176, 186
Structural Conformity Hypothesis 223–225, 230
structure-dependence 260
subjacency 269
subjects 101–104
suffixes 117, 139–140
Summer Institute of Linguistics International (SIL) 17
suprasegmentals 118–119, 137, 139, 176
Surrey Morphology Group 20
syllabaries 180–181, 282
syllabic consonants 156–157
syllabicity hierarchy 157, 168
syllables 175
sounds within 156–157
symbolism 266, 267
synchrony 249–251
adjacency 250–251
definition 281
grammaticalization 249
harmonization 250
proximization 251
syncretism 124–125
syntactic categories 101–105
subject 101–104
syntactic typology 65–105
choice of word forms 67–69, 80–90
agreement 67–68, 69, 81, 82–86
case 68–69
government 68–69, 81, 82–86–90
choice of words 66–67, 69–80
across languages 67
across sentence types 67
classifiers 75–80
resumptive pronouns 70–75
syntactic categories 101–105
word order 69, 90–101
correlations of linear order patterns 97–100, 101
frequencies of linear order patterns 91–97, 100, 101
see also morphological vs. syntactic structures
syntagmatic relations: definition 282
syntagmatic simplicity 54–55, 133–134
syntagmatic universals 14–15
syntax and phonology 269
taxonomy 27–28, 77, 263–264
definition 282
first-language acquisition 209
temporal relations 172–173
adjacency 91, 95–96, 172
precedence 91, 94–95, 96, 173
terminal devoicing 162
tetrachoric tables 12
to be see copula
tone languages 176
topicalization 84, 282
Typological Database System 20
umlaut 181
Universal Grammar 268–270, 271
principles and parameters 269–270
as toolkit 270
universal statements 11–14
implicational universals 11–16
modality 13
unrestricted universals 11–14
universal tendencies 18
unrestricted universals 11–13
visual forms of language
see sign languages; writing systems
vocabulary 2
environmental influences 4–5
language contact 4
shared historical origin 3–4
similarities and differences 3
see also lexical typology
vowel harmony 154–156
vowels 175
Wackernagel’s Law 94
word order 69, 90–101, 253
free-order languages 95, 96–97
linear order patterns: correlation pairs 97–100, 101, 202
linear order patterns: relations 91, 94–97, 101
adjacency without precedence 91, 95–96
free order 91, 96–97
immediate precedence 91, 96
interlocking order 91, 97
precedence without adjacency 91, 94–95
linear order patterns: terms 91–94, 100
individual lexemes 91, 92–93
numerical position 91, 93–94
phrase and clause class 91, 92
word class 91
SOV languages 5–6, 18–19, 69, 95, 97, 253, 254
SVO languages 95, 253–254
VSO languages 6–8, 97
word order change 195, 201–209
Subject index

- evolution of correlation pairs 207–209, 250
- harmony by extension 207–208
- harmony by reanalysis 208–209
- evolution of order of S, O, V 202–207
- words 174–175
- compound words 28–29, 30, 112, 120–121, 144, 154
- existence of words 28, 44
- monomorphemic words 282
- sounds within 153–156
- vs. affixes 144
- vs. phrases 144
- vs. sentences
- see also lexical typology; syntactic typology
- World Atlas of Language Structures (WALS) 19
- writing systems 176–184
- alphabetic systems 180, 182, 183
- consonantal systems 182
- direction of writing 182, 184
- generalizations 183–184
- hieroglyphs 179–180, 182, 183
- logographic systems 177, 181, 183, 282
- phonetic features 181–182
- phonographic systems 179
- pictograms 177, 282
- syllabic systems 180–181, 282
- zero forms 131–137
- allomorphs 132
- frequency 135–137
- paradigmatic complexity 134–135
- syntagmatic simplicity 133–134
Language index

Agta morphology 129, 130, 147
Ainu word order 69, 98, 99
Akan phonology 139
Arabic 4
Armenian antonymic adjectives 53
articles 67, 196, 198
copula 66
Egyptian Arabic articles 196
Lebanese Arabic verb agreement 82, 84
Maltese Arabic 198
resumptive pronouns 236
Syrian Arabic
morphology 128
personal pronouns 42–43
case 68–69, 97, 99, 204
writing system 182
Aramaic articles 199
Arphak word order 272
Arrente phonology 165
SLA see American Sign Language
Atakapa morphology 129
Aztec morphology 128
Basque
articles 196
morphology 133
resumptive pronouns 74
Batsbi morphosyntactic patterns 273
Bengali morphology 130
Berber see Imlawm Tashlihiy Berber
Bikol morphology 127, 131
Bontok morphology 138, 268
Breton morphology 133
Bulgarian articles 197
Burmees classifiers 76
case 151
Cantonese Chinese
copula 67
second-language acquisition 224, 227, 228–230
Catalan terminal devoicing 162
Cebuano classifiers 76
Chechuwevi morphology 133
Cheremis morphology 138
Cheyenne morphology 147
Chinese writing system 177, 182, 183
see also Cantonese Chinese; Mandarin Chinese
Chukchi morphology 111
Coeur d’Alene morphology 128
Cushitic languages word order 264
Czech phonology 156
Dakota body-part terms 35
Danish antonymic adjectives 53, 55
Dutch
telling the time 50
vocabulary 3
Dyirbal personal pronouns 42
English
agreement 67
American English verb agreement 84
antonymic adjectives 51–53, 55
articles 67, 197, 198
body-part terms 27–28, 34
case 68–69, 86–90
color words 60
comparatives 133, 135
complementizers 201
compositionality 28–29, 30
copula 66
first-language acquisition 210–214
government 81, 82
grammaticalization 200, 250
kinship terms 36, 38, 39
morphology 112, 114, 117, 119, 121, 127, 132, 133, 134, 141
negatives 133
number words 45, 46, 50
onomatopoeia 28
personal pronouns 41
phonemic inventory 194
phonology 150, 151, 152, 154, 156, 159, 160, 162,
166, 169, 171
pluralization 75, 79
questions 133
relative clauses 232–233, 234
resumptive pronouns 70, 74, 236
second language acquisition 222, 227, 228–230
self-repairs 237–238, 239
spatial terms 215–219
subject 102
telling the time 50
verb agreement 82, 84, 135
vocabulary 2, 3–4
word formation 89
word order 91, 92, 202–203, 272
Estonian
morphology 133
number words 49
Ewe morphology 127
Fijian
morphology 121
word order 98, 99

Finnish
articles 199
case 115, 126
gender 124
morphology 133, 142
phonology 155
second-language acquisition 227
writing system 179, 183

Finno-Ugric languages
phonology 155

French
articles 199
case 68–69
compositionality 30
government 82
grammaticalization 200, 250
kinship terms 5, 39
language acquisition 210
morphology 132
negative expressions 97
number words 47
personal pronouns 42–43
relative clauses 233–234
resumptive pronouns 236
telling the time 50
vocabulary 3, 30
word order 97

Galla (Oromo)
body-part terms 33
word order 204

Gêgbe antonymic adjectives 53

Georgian
case 88
grammaticalization 200
phonology 170

German
agreement 85
antonymic adjectives 53, 55
articles 199, 201
body-part terms 34
case 68–69, 124, 125
gender syncretism 123–125, 136
government 82
grammaticalization 250
kinship terms 5, 39
morphology 117, 118, 123–125
number words 50
phonology 150, 152, 161
pluralization 80
second-language acquisition 222
self-repairs 238–239
subject 102
taxonomy 27
telling the time 50
umlauts 181
vocabulary 2, 3–4
word order 93, 203, 207–208

Germanic languages
articles 199
grammaticalization 200
vocabulary 3

Gilbertese resumptive pronouns 236
Grand Ronde Chinook Jargon
definite article 199

Greek, Ancient
morphology 139
writing system 182

Greek, Modern
articles 199
morphology 144
onomatopoeia 29
second-language acquisition 227

Greenlandic Eskimo or West Greenlandic
Eskimo
Guana number words 50
Guugu Yimithirr kinship terms 5, 36, 37

Haitian Creole definite article 199
Harari word order 204

Hausa
antonymic adjectives 53
body-part terms 34
resumptive pronouns 73

Hawaiian Creole English language change 240
Hawaiian personal pronouns 41

Hebrew
articles 199
body-part terms 34
language acquisition 209
morphology 118
resumptive pronouns 72, 236
vocabulary 4
writing system 182

Hinalug phonology 155

Hindi
phonology 151, 160
word order 5–6, 97, 99

Hmong morphology 111, 120

Huallaga (Huánoco) morphology 141

Hungarian
articles 198, 199
body-part terms 33, 34, 218
copula 67
grammaticalization 258
kinship terms 37
morphology 111, 112, 117, 122, 141, 142
personal pronouns 42
phonology 154, 155
second-language acquisition 223
taxonomy 27
vocabulary 2, 4
word order 96

Ibibio color words 57
Ibo color words 57
Imdlawn Tashlhiyt Berber phonology 156

Indonesian
government 81
morphology 130
vocabulary 4

Italian
articles 199
vocabulary 3

Itelmen phonology 155

Utub Kenyah Dusun phonology 161

Venda
vocabulary 2

West Greenlandic

Zande
vocabulary 2

Zuni
vocabulary 2
Language index

- Jahai body-part terms
- Jàlé color words
- Japanese
- classifiers 76, 77–78, 79
- grammatical agreement 67
- kinship terms 5, 37, 38
- phonology 161
- pluralization 75
- second-language acquisition 224
- self-repairs 237–238, 239
- vocabulary 4
- word order 5–6, 97, 99, 253
- writing system 180, 182, 183

- Kaluli language acquisition
- Katu morphology
- Kayardild vocabulary
- Kikuyu morphology
- Kinyarwanda morphology
- Kiribati morphology
- Kisi morphology
- Klamath phonology
- Koasati morphology
- Komi see Zyrian
- Kono word order 205–206
- Korean
- absence of articles 196
- classifiers 76, 77, 79, 80
- han’gul writing system 181–182
- phonology 158–159, 160, 161
- pluralization 75
- resumptive pronouns 236
- second-language acquisition 224
- writing system 184
- Kyuguot Nootka morphology

- Lahu body-part terms
- Latin
- agreement 81
- compositionality 30
- demonstratives 199
- government 81, 82
- grammaticalization 258
- morphology 113, 116, 122, 127, 132
- number words 49–50, 135
- phonology 170, 172
- Lavukaleve body-part terms
- Lezgian pronouns
- Lonwo Wol body-part terms
- Luineo verbs
- Lisnda kinship terms

- Malay
- body-part terms 34
- morphology 112
- Manage morphology 133
- Mandarin Chinese
- articles 199
- morphology 30, 111, 112, 116, 120, 127, 129
- personal pronouns 43
- questions 187
- word order 205
- writing system 178

- Mande word order
- Maranao body-part terms
- Marshallese morphology
- Mayan languages
- Mba phonology
- Meithei number words 47, 50
- Mohawk
- morphology 139
- phonology 189
- Mokilese morphology
- Neo-Aramaic articles
- Nepali case marking
- Nez Perce
- color words 57
- morphology 130
- phonology 155
- Ngawun body-part terms
- Nootka see Kyuguot Nootka
- Oksapmin number words
- Old English
- morphology 126
- phonology 194
- word order 96, 202
- Old French articles
- O’odham see Papago
- Oromo see Galla
- Panara antonymic adjectives
- Pangasinan morphology
- Papago morphology
- Persian
- articles 199
- resumptive pronouns 70, 71, 72, 236
- second-language acquisition 225–227
- word order 272
- Pipil articles
- Pirahã
- color words 57
- grammatical features 245
- number words 50
- Plains Tamil color words
- Polish
- language acquisition 211
- vocabulary 2, 3
- Proto-Germanic 3, 203
- Proto-Indoeuropean
- Quechua
- body-part terms 35
- morphology 141, 142
- Rapa Nui
- antonymic adjectives
- word order 7, 97, 98, 99
- Romance languages
- articles 199
- Rotokas phonology
- Rumanian
- articles 198
- taxonomy 33
<table>
<thead>
<tr>
<th>Language</th>
<th>Index Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian</td>
<td>absence of articles 67, 196</td>
</tr>
<tr>
<td></td>
<td>body-part terms 27, 34</td>
</tr>
<tr>
<td></td>
<td>case 68–69</td>
</tr>
<tr>
<td></td>
<td>case syncretism 124, 125</td>
</tr>
<tr>
<td></td>
<td>color words 60</td>
</tr>
<tr>
<td></td>
<td>copula 66</td>
</tr>
<tr>
<td></td>
<td>gender syncretism 124</td>
</tr>
<tr>
<td></td>
<td>government 82</td>
</tr>
<tr>
<td></td>
<td>kinship terms 39</td>
</tr>
<tr>
<td></td>
<td>morphology 118</td>
</tr>
<tr>
<td></td>
<td>personal pronouns 42–43</td>
</tr>
<tr>
<td></td>
<td>phonology 160, 189</td>
</tr>
<tr>
<td></td>
<td>pluralization 75</td>
</tr>
<tr>
<td></td>
<td>subject 102</td>
</tr>
<tr>
<td>Salishan languages</td>
<td>morphology 130</td>
</tr>
<tr>
<td>Samoan</td>
<td>case 88</td>
</tr>
<tr>
<td></td>
<td>word order 69</td>
</tr>
<tr>
<td>Sanskrit vocabulary</td>
<td>4</td>
</tr>
<tr>
<td>Semitic languages</td>
<td>4, 118, 182, 204</td>
</tr>
<tr>
<td>Serbian</td>
<td>articles 199</td>
</tr>
<tr>
<td></td>
<td>language acquisition 210</td>
</tr>
<tr>
<td>Serbo-Croatian</td>
<td>absence of articles 67</td>
</tr>
<tr>
<td></td>
<td>copula 66</td>
</tr>
<tr>
<td></td>
<td>declensions 114–115</td>
</tr>
<tr>
<td></td>
<td>morphology 126</td>
</tr>
<tr>
<td>Sherpa articles</td>
<td>199</td>
</tr>
<tr>
<td>Shilha morphology</td>
<td>128</td>
</tr>
<tr>
<td>Sierra Popoluca</td>
<td>pronouns 63</td>
</tr>
<tr>
<td>Sirion 128</td>
<td></td>
</tr>
<tr>
<td>Southern Barasano</td>
<td>morphology 116</td>
</tr>
<tr>
<td>Spanish</td>
<td>antonymic adjectives 53</td>
</tr>
<tr>
<td></td>
<td>articles 198, 199</td>
</tr>
<tr>
<td></td>
<td>body-part terms 33</td>
</tr>
<tr>
<td></td>
<td>grammatical agreement 67</td>
</tr>
<tr>
<td></td>
<td>kinship terms 5, 36, 39</td>
</tr>
<tr>
<td></td>
<td>phonology 157, 159, 160</td>
</tr>
<tr>
<td></td>
<td>second-language acquisition 223, 227</td>
</tr>
<tr>
<td></td>
<td>vocabulary 3</td>
</tr>
<tr>
<td>Swahili</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>grammatical agreement 67</td>
</tr>
<tr>
<td></td>
<td>morphology 116, 130, 134, 146</td>
</tr>
<tr>
<td></td>
<td>number words 46</td>
</tr>
<tr>
<td></td>
<td>verb agreement 82</td>
</tr>
<tr>
<td></td>
<td>vocabulary 4</td>
</tr>
<tr>
<td>Swedish</td>
<td>resumptive pronouns 236</td>
</tr>
<tr>
<td></td>
<td>vocabulary 2, 3–4</td>
</tr>
<tr>
<td>Tagalog</td>
<td>morphology 117, 126, 127, 128, 129, 130, 138</td>
</tr>
<tr>
<td></td>
<td>polymorphic words 30</td>
</tr>
<tr>
<td>Russian</td>
<td>subject 103–104</td>
</tr>
<tr>
<td></td>
<td>word order 92, 93</td>
</tr>
<tr>
<td>Tamil ser Plains Tamil</td>
<td></td>
</tr>
<tr>
<td>Tauya articles</td>
<td>196</td>
</tr>
<tr>
<td>Thai</td>
<td>classifiers 78</td>
</tr>
<tr>
<td></td>
<td>morphology 111</td>
</tr>
<tr>
<td></td>
<td>phonology 151, 162</td>
</tr>
<tr>
<td>Thompson morphology</td>
<td>130</td>
</tr>
<tr>
<td>Tiv</td>
<td>color words 57</td>
</tr>
<tr>
<td>Tlingit phonology</td>
<td>10</td>
</tr>
<tr>
<td>Tok Pisin</td>
<td>antonymic adjectives 54</td>
</tr>
<tr>
<td></td>
<td>language change 240</td>
</tr>
<tr>
<td></td>
<td>personal pronouns 41</td>
</tr>
<tr>
<td>Tonga morphology</td>
<td>140</td>
</tr>
<tr>
<td>Tsakhar color words</td>
<td>57</td>
</tr>
<tr>
<td>Tsimshian body-part terms</td>
<td>35</td>
</tr>
<tr>
<td>Túmpisha Shoshone word order</td>
<td>97</td>
</tr>
<tr>
<td>Turkana grammaticalization</td>
<td>201</td>
</tr>
<tr>
<td>Turkish</td>
<td>articles 197, 199</td>
</tr>
<tr>
<td></td>
<td>gender 59</td>
</tr>
<tr>
<td></td>
<td>morphology 111, 113, 114, 122, 123, 126, 129, 130, 133, 138, 142</td>
</tr>
<tr>
<td></td>
<td>number words 50</td>
</tr>
<tr>
<td></td>
<td>personal pronouns 42–43</td>
</tr>
<tr>
<td></td>
<td>phonology 154, 162</td>
</tr>
<tr>
<td></td>
<td>resumptive pronouns 236</td>
</tr>
<tr>
<td></td>
<td>taxonomy 24</td>
</tr>
<tr>
<td></td>
<td>vocabulary 2, 4</td>
</tr>
<tr>
<td></td>
<td>word order 5–6, 97, 98, 99</td>
</tr>
<tr>
<td>Tuscarora morphology</td>
<td>121</td>
</tr>
<tr>
<td>Tzeltal</td>
<td>color words 57</td>
</tr>
<tr>
<td></td>
<td>morphology 129</td>
</tr>
<tr>
<td>Ulwa phonology</td>
<td>190</td>
</tr>
<tr>
<td>Vai definite article</td>
<td>199</td>
</tr>
<tr>
<td>Vietnamese</td>
<td>numeral classifiers 76</td>
</tr>
<tr>
<td></td>
<td>personal pronouns 42</td>
</tr>
<tr>
<td></td>
<td>subject 102</td>
</tr>
<tr>
<td>Walmatjari case marking</td>
<td>105</td>
</tr>
<tr>
<td>Warlpiri</td>
<td>body-part terms 33</td>
</tr>
<tr>
<td></td>
<td>color words 58</td>
</tr>
<tr>
<td></td>
<td>phonology 155</td>
</tr>
<tr>
<td>West Greenlandic Eskimo morphology</td>
<td>139</td>
</tr>
<tr>
<td>!Xóõ phonology</td>
<td>175</td>
</tr>
<tr>
<td>Yimas phonology</td>
<td>175</td>
</tr>
<tr>
<td>Yoruba antonymic adjectives</td>
<td>53</td>
</tr>
<tr>
<td>Yucatec Mayan morphology</td>
<td>139</td>
</tr>
<tr>
<td>Zyrian morphology</td>
<td>138</td>
</tr>
</tbody>
</table>
This index includes only the authors' names mentioned in the running text. For additional author references, please see the sections titled Further reading following each chapter.
<table>
<thead>
<tr>
<th>Author</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kimenyi, Alexandre</td>
<td>141</td>
</tr>
<tr>
<td>Kirby, Simon</td>
<td>260</td>
</tr>
<tr>
<td>Klirtzky, Roberta L.</td>
<td>212</td>
</tr>
<tr>
<td>Klima, Edward S.</td>
<td>184</td>
</tr>
<tr>
<td>Kroeber, Alfred</td>
<td>37–38</td>
</tr>
<tr>
<td>Kuteva, Tania</td>
<td>72, 196, 197, 199, 200, 201, 206</td>
</tr>
<tr>
<td>Lado, Robert</td>
<td>221</td>
</tr>
<tr>
<td>Lakoff, George</td>
<td>77–78</td>
</tr>
<tr>
<td>Langacker, Ronald W.</td>
<td>88, 107</td>
</tr>
<tr>
<td>Laskey, K. S.</td>
<td>365</td>
</tr>
<tr>
<td>Leeding, Velma J.</td>
<td>35</td>
</tr>
<tr>
<td>Lehmann, Christian</td>
<td>82</td>
</tr>
<tr>
<td>Levet, Clara C.</td>
<td>153–154</td>
</tr>
<tr>
<td>Levison, Stephen C.</td>
<td>273</td>
</tr>
<tr>
<td>Lewis, Geoffrey L.</td>
<td>130, 138</td>
</tr>
<tr>
<td>Li, Charles N.</td>
<td>111, 120, 205</td>
</tr>
<tr>
<td>Lillo-Martin, Diane</td>
<td>185, 187</td>
</tr>
<tr>
<td>Lindblom, Bjorn et al.</td>
<td>271</td>
</tr>
<tr>
<td>Lucy, John A.</td>
<td>58</td>
</tr>
<tr>
<td>Lundbäck, V.</td>
<td>225</td>
</tr>
<tr>
<td>Luraghi, Silvia et al.</td>
<td>157</td>
</tr>
<tr>
<td>Maddieson, Ian</td>
<td>155, 156, 165, 175</td>
</tr>
<tr>
<td>Maffi, Luisa</td>
<td>57</td>
</tr>
<tr>
<td>Maratros, Michael</td>
<td>232–235</td>
</tr>
<tr>
<td>Mattes, Veronika</td>
<td>127, 131</td>
</tr>
<tr>
<td>Matthews, S.</td>
<td>227, 228–230</td>
</tr>
<tr>
<td>Merrifield et al.</td>
<td>105, 117–118, 147</td>
</tr>
<tr>
<td>Mithun, Marianne</td>
<td>121, 129, 130, 153, 155</td>
</tr>
<tr>
<td>Moravcsik, Edith</td>
<td>127, 128, 129</td>
</tr>
<tr>
<td>Myhill, John</td>
<td>227, 228–230</td>
</tr>
<tr>
<td>Nathan, Geoffrey S.</td>
<td>170</td>
</tr>
<tr>
<td>Nedjakov, Vladimir F.</td>
<td>130</td>
</tr>
<tr>
<td>Nettle, Daniel</td>
<td>17, 260</td>
</tr>
<tr>
<td>Newman, Paul</td>
<td>74</td>
</tr>
<tr>
<td>Newmeyer, Frederick J.</td>
<td>102, 145, 269</td>
</tr>
<tr>
<td>Nichols, Johanna</td>
<td>119</td>
</tr>
<tr>
<td>Nin, Aina</td>
<td>274</td>
</tr>
<tr>
<td>Ogloblink, Alexandr K.</td>
<td>130</td>
</tr>
<tr>
<td>Ohala, John</td>
<td>160</td>
</tr>
<tr>
<td>Ohala, Manjari</td>
<td>160</td>
</tr>
<tr>
<td>O’Regan, J. K.</td>
<td>233–234</td>
</tr>
<tr>
<td>Otanes, Fe T.</td>
<td>92, 93, 103, 126, 128</td>
</tr>
<tr>
<td>Pensalfini, Bob</td>
<td>165</td>
</tr>
<tr>
<td>Pérez-Leroux, Ana Teresa</td>
<td>228</td>
</tr>
<tr>
<td>Peters, Ann M.</td>
<td>209</td>
</tr>
<tr>
<td>Pfiffner, Martin C.</td>
<td>237, 238–239</td>
</tr>
<tr>
<td>Pinker, Steven</td>
<td>270</td>
</tr>
<tr>
<td>Plank, Frans</td>
<td>12, 44, 102, 122, 125, 126</td>
</tr>
<tr>
<td>Rachkov, Gennadij E.</td>
<td>130</td>
</tr>
<tr>
<td>Rákosi, Csilla</td>
<td>273</td>
</tr>
<tr>
<td>Randall, Lisa</td>
<td>273</td>
</tr>
<tr>
<td>Rijkhoff, Jan</td>
<td>76, 146, 196</td>
</tr>
<tr>
<td>Roca, Iggy</td>
<td>190</td>
</tr>
<tr>
<td>Rubba, Johanna</td>
<td>139</td>
</tr>
<tr>
<td>Ruhlen, Merritt</td>
<td>203, 204</td>
</tr>
<tr>
<td>Sanders, Gerald</td>
<td>261</td>
</tr>
<tr>
<td>Sandler, Wendy</td>
<td>185, 187</td>
</tr>
<tr>
<td>Saxe, Geoffrey B.</td>
<td>47</td>
</tr>
<tr>
<td>Schachter, Paul</td>
<td>92, 93, 103, 104, 126, 128</td>
</tr>
<tr>
<td>Schellinger, Wolfgang</td>
<td>44, 125</td>
</tr>
<tr>
<td>Schiefelin, Bambi B.</td>
<td>240</td>
</tr>
<tr>
<td>Shkarban, Lina</td>
<td>130</td>
</tr>
<tr>
<td>Siewierska, Anna</td>
<td>44, 84, 103</td>
</tr>
<tr>
<td>Simon, Herbert</td>
<td>263</td>
</tr>
<tr>
<td>Slobin, Dan Isaac</td>
<td>59, 211, 218</td>
</tr>
<tr>
<td>Sun, Chaofen</td>
<td>205</td>
</tr>
<tr>
<td>Supalla, Ted</td>
<td>186</td>
</tr>
<tr>
<td>Tarallo, Fernando</td>
<td>227, 228–230</td>
</tr>
<tr>
<td>Terrill, Angela</td>
<td>32</td>
</tr>
<tr>
<td>Thomason, Sara G.</td>
<td>252</td>
</tr>
<tr>
<td>Thompson, Sandra A.</td>
<td>111, 120, 205</td>
</tr>
<tr>
<td>Tinnerberg, Niko</td>
<td>260</td>
</tr>
<tr>
<td>Tomasello, Michael</td>
<td>271</td>
</tr>
<tr>
<td>Underhill, Robert</td>
<td>98</td>
</tr>
<tr>
<td>Van de Weijer, Jeroen</td>
<td>155</td>
</tr>
<tr>
<td>Van der Hulst, Harry</td>
<td>155, 172</td>
</tr>
<tr>
<td>Vennemann, Theo</td>
<td>70, 100, 256</td>
</tr>
<tr>
<td>Wales, Roger</td>
<td>211</td>
</tr>
<tr>
<td>Wanner, Eric</td>
<td>232–233, 235</td>
</tr>
<tr>
<td>Weber, David John</td>
<td>142</td>
</tr>
<tr>
<td>Whitelock, Doris</td>
<td>120</td>
</tr>
<tr>
<td>Wierzbiacka, Anna</td>
<td>40, 58</td>
</tr>
<tr>
<td>Williams, Edwin</td>
<td>144</td>
</tr>
<tr>
<td>Winawer, Jonathan et al.</td>
<td>60</td>
</tr>
<tr>
<td>Wirth, Jessica R.</td>
<td>53</td>
</tr>
<tr>
<td>Witkowski, Stanley R.</td>
<td>35, 60</td>
</tr>
<tr>
<td>Wohlgemuth, Jan</td>
<td>245</td>
</tr>
<tr>
<td>Yip, V.</td>
<td>227, 228–230</td>
</tr>
<tr>
<td>Zeshan, Ulrike</td>
<td>184, 186, 187</td>
</tr>
</tbody>
</table>