

Subject Index

Note: f = figure(s), n = (end)note(s), t = table(s).

- abduction
 - abductive reasoning 82n36, 322, 334n23, 468, 483, 490
 - as an articulatory-phonetic action 48, 298
- aberrant language 466
- ablaut 147, 202, 207, 240, 241, 630n18
- absolute 453, 457
 - see also* ergativity
- abstract expression [system] *see* sensorimotor interface
- abstractness
 - in analogy 317, 321, 323, 325, 326, 328, 334n18, 334n27
 - in parameter setting 150–152
 - in phonological or morphological analyses 33, 68, 69, 70
 - as a semantic category 79n20, 584
- accent
 - group-associated pronunciation v, 215, 452
 - see also* dialect
 - musical (typically rhythmic prominence) 570
 - typically pitch-related prominence in language 8, 10, 13, 58, 202–204, 207–208, 210n18, 211n23, 30, 304, 305–306, 451, 534, 598, 626n1
 - see also* stress shift
- accommodation 128–129, 131–132, 137, 139, 304–305, 345–346, 378, 380, 383, 410, 414n9
- acquisition 3, 17, 18, 19, 25–28, 31, 38n13, 68, 96, 103, 112, 272, 298, 307, 315, 322, 327, 357–371, 371n1, 376, 380, 386, 399, 403–405, 424, 427, 451, 507, 512, 542
 - see also* L2 acquisition
- acronym(s) 71, 531, 629
- actuation (of change) 21, 303–304, 395, 396, 408, 410, 411, 412, 536
- adjacency 328–329
- adjective 69, 70, 72, 79n19, 82n35, 151, 155f, 260, 272, 277, 283–284, 287, 328, 346, 368, 388, 389, 456, 556, 560, 562, 582, 589, 601–606, 611, 627n4
- adjectivization 284
- Admiralty Islands 243, 244f11.4, 469, 470f22.1, 476, 478, 479f22.5, 490

- adverb(s) 66, 67, 105, 106, 108, 109, 110, 112, 117n15, 329, 365, 385, 525, 555, 587, 595, 597–601, 607, 608, 611
 conjunctive *see* conjunction
 deconjunctive or
 decomplementizerial
 598–600
 adverbial 65, 105, 106, 108, 109, 111, 117n15, 188
see also conjunction, adverbializing
 advertising (especially
 commercials) 552, 598, 599, 600, 625, 632n29
 (a)equumqu岸perfect (pluperfect used
 equivalently to past) 611
 aerodynamic condition 299, 312
 Aerodynamic Voicing Constraint
 299, 312
 affix 64–66, 70, 76, 81n24, 207, 240, 328, 435, 436, 455, 509, 579
 circumfix 268
 prefix 54, 56, 67, 211n31, 260, 261, 266–270, 300, 328, 454, 459, 460, 533, 557, 567, 579–580
 quasi-circumfix 601, 602, 605
 suffix 10, 16, 38n1, 65–69, 70–72, 79n12, 15, 82n32, 35, 93, 99, 147, 207, 260–262, 266–270, 286, 328, 347, 368–370, 382, 404, 454–463, 489, 525, 556, 558, 571–572, 580, 585–587, 589, 601–606, 613, 630n18
 affrication *see* sound change
 agglutination 260, 266
 agreement 64, 76, 79n19, 90, 147, 261, 267, 368–370, 388, 389, 406, 424, 434, 450, 455–457, 459, 464n8, 616
 agriculture 474, 480, 481, 485, 488, 547
 altruism 501–502, 529
 ambiguity 301, 350, 433, 533, 595, 598, 609, 610, 614
 avoidance of ambiguity 334n16, 430, 433
 ambisyllabicity 524, 555, 573
 analogization 322, 327
 analogy 1, 2, 3, 9, 13, 18–19, 35, 72–76, 77n2, 78n10, 82n34–36, 83n39, 49, 187, 202–204, 208, 285–286, 293, 307, 314–336, 343–353, 410, 411, 453, 566, 571, 581, 607
see also Kuryłowicz's laws of analogy; Mańczak's tendencies of analogy
 analogical extension 18, 19, 35, 83n49, 321, 334n19, 24
 analogical grid 321
 analogical leveling 18, 19, 35, 72–74, 208, 285–286, 321, 353n3
 bi-directional leveling 75
 phonetic analogy 38n2, 346–349, 352
 (non-)proportional analogy 18, 35, 318, 322
 analytic(al) structures 67, 128, 135, 427, 435, 448, 452, 458–459, 463, 525, 556, 601, 602
vs synthetic 64, 427, 434, 436, 448, 459–460, 463, 525, 556, 601–602
 Anatolian hypothesis 473, 482
 android(s) and überandroid(s) 621, 624
see also cyborgs
 animacy 67, 81n25, 82n33, 267, 329, 456
 animal(s) 67, 81n25, 320, 323, 325, 396, 430, 431f20.3, 461, 477, 484, 487, 489, 500–507, 523, 525, 533, 536, 537, 617–619
see also ant(s); *Apatosaurus vs Brontosaurus (vs Chasmosaurus)*; bird(s); cicada(s); dung beetle(s); grasshopper(s); hares, pikas, and rabbits; *Homō sapiēns*; mouse/mice; rat(s)
 anthropomorphizing (e.g., of languages) 562, 631n21
 Anti-Babelic Principle 149
 ant(s) 505, 523, 541, 543, 544, 550, 553, 617–619
 behaviors: e.g., foraging *vs* patrolling 544, 550
 red harvester ants (especially in SE New Mexico) 540, 541, 543, 544, 550, 553, 618
 study of (myrmecology) 541, 544, 553, 619
 task rotation 523, 543
Apatosaurus vs Brontosaurus (vs Chasmosaurus) 528
 apical consonants 296, 301, 416n23, 567
 apocope *see* sound change

- Appalachian Trail (in the Eastern US) 570
- apparent time (method) 25, 30, 425, 531, 536–537, 628n8
see also time, apparent (but) rigid (ART) *vs* expired real time (ERT) *vs* ongoing real time (ORT)
- appositional *of* in English 525, 556, 614–617, 633n31
- arch(a)eology 174, 198, 237, 242, 468, 469, 472–473, 474, 477, 478, 481, 482, 484–488, 500, 508, 513, 535
- archaism (form or practice) 105, 118, 200, 202, 205, 206, 210n13, 211n33, 425, 428, 436, 437, 439f20.10, 485, 558, 612
- arytenoid cartilages 48–49
- aspect 262–264, 267, 280, 286, 379, 385, 406, 434, 459, 609
- aspirated consonants 8, 48, 297, 409, 450–451, 454, 459, 463–464, 569, 571
- ASPM gene (encoding a protein abnormal-spindle-like and microcephaly-associated) 512
- assibilation *see* sound change
- assimilation *see* sound change
- asymmetry (of pro-drop) 88, 90, 92, 93, 94
see also pro-drop
- atonality (in tone systems) 47–48
- attrition 238, 397, 447–448, 454–457, 460
- Australopithecines 508, 513
- autistic-like traits 303
- auxiliary 67, 335n34, 365, 608
 modal auxiliary 132, 317, 328–330, 335–336n34,36, 609
 subject-auxiliary inversion 362, 365, 366, 367, 509
- avoidance of ambiguity *see* ambiguity
- awareness 13, 19–23, 345, 379, 448
- backformation 73, 321, 621
- backlash (as a possible reaction to predicted linguistic changes) 564
- basic vocabulary 227, 230, 231, 233, 234, 245, 542, 629n12
- basilectalization 398, 402, 403, 404, 407
see also creolization;
 debasilectalization
- Bayesian phylogenetics (phylolinguistics) 3, 174, 226–246, 482, 483, 486, 490, 491
- behavioral congruence *see* accommodation
- behavioral coordination *see* accommodation
- Betas (in *Brave New World*) 623
- “Beyond the Fringe” 535
- Bible 89, 96–118, 536
- Big Bang (metaphor applied to phonological change) 20, 36, 345, 348
- bilingualism 72, 134, 177n33, 304, 357, 362, 363, 369, 375, 376, 380, 382, 383, 386, 390, 449, 463, 464, 465, 480, 481, 482
- biodiversity 541
- bioheuristic(s) 523, 529, 624
- biolatry 523, 529, 629
- biolinguistics framework 150
- biological engineering *see* engineering, biological; *überbiota*; cyborgs (and *übercyborgs*)
- biology 3, 36, 39, 139, 174, 226–229, 245, 395, 408, 413, 416, 500, 501, 507, 510–513, 525–547*passim*, 550, 594, 618–624, 626
 fieldwork(ers) 528
 protein-folding 526
- bionics (i.e., bioelectronics) 621
- bioprogram 405–407
- Bird’s Head (New Guinea) 472
- bird(s) 258, 489, 541, 618
see also Cornell Laboratory of Ornithology; eBird
 bird song 501, 506–507, 508
- Bismarck Archipelago 469, 472, 473, 478, 480, 485, 487, 488
- bleaching, semantic 105, 188, 314, 316, 317, 329, 335n33, 426, 428, 432, 613, 614
- bleeding (of one phonological generalization by another) 9, 524, 555, 559, 574, 576, 578
- blended language 448, 449, 461–463, 465n11

- blends 64, 69, 71, 72, 74, 78n6, 561, 562, 571, 586, 597
see also contamination
 Blocking, morphological 603
 body part sign 440
 bootstrapping 160, 161f, 315, 325
 borrowability 151, 384–385
see also borrowing
 borrowing 1, 9, 10, 11, 12, 13, 14, 15, 20, 26, 27, 28, 30, 35, 36, 38n18, 39n20, 54, 71, 72, 73, 78nB, 82n33, 151, 232, 233, 234, 235, 240, 242, 244, 245, 246, 258, 334n24, 343, 344, 345, 346, 352, 375, 377, 382–385, 449, 450, 451, 482, 524, 555, 561, 563, 566, 567, 571, 572, 573, 589, 591, 600, 621n12, 630n18
see also loanword(s)
 boundary phenomena 56
 breathy (and whispery) voice 48–58, 185, 297, 571
 British Broadcasting Corporation (BBC) 582
 “bubbling up” (of long-submerged but extant forms) 567

 cabinet of curiosities 617
 Canadian Raising *see* sound change, vowel raising
 canoes 260, 474, 484, 487, 491, 492n14,15
 case (morphological) 13, 38n1, 63, 64, 65, 66, 69, 79n17,19, 80n22, 188, 208, 232, 238, 239, 260, 330, 336n42, 453–455, 457, 460, 461, 549, 613
 categorial loss 66, 80–81nH, 447
 category formation 344
 causation 12, 19, 26, 31, 48, 51, 72, 73, 74, 76, 190, 264, 291, 317, 357, 358, 360, 362, 368, 370, 395, 411, 448, 468, 473, 500, 512, 526, 582
 centralization
 of locations for signs 426, 432
 of vowels *see* sound change, vowel centralization
 chain shift *see* sound change
 CHANCE mechanism 301, 302, 307
 Change *see also* stages of linguistic change;
 contact-induced change;
 diachrony
 change by accommodation 304
 change from above 22, 23, 26
 change from below 21, 23, 24, 26
 CHANGE mechanism 300–302
 character(s), taxonomic biological or taxonomic-like linguistic 146, 148, 153, 160, 173–174, 175n21, 228–231, 230f11.1, 236–237, 241, 526
 CHOICE mechanism 300–302, 307
 cicada(s) 617, 619
 circumfix *see* affix
 cis-causality (‘for this (= the following) reason: ...’) 597–598
 cladistics 170, 230, 244, 245, 410, 507, 527, 528, 542
 classifiers 424, 456, 457, 460, 461, 462
 clitic 64, 66, 70, 76, 98, 99, 110, 116n4, 10–12, 155f7.1, 261, 266, 328, 427, 434, 435, 436, 437, 438, 454, 457, 458, 480, 628n10
 enclitic 64, 66, 78n7, 99, 261, 266, 454, 459, 460
 proclitic 613
 coarticulation 31, 34, 52, 297, 302–304, 433
 co-evolution 500, 501, 509, 510–512
 code-switching 381, 607
 code-switching-like quotations of proverbs and fixed expressions 607
 coefficient 149
 cognate 147, 162, 173, 202, 211n31, 227, 229–231, 233–237, 239–241, 243, 245, 246, 256, 257, 258, 259, 265, 267, 293, 335n34, 425, 426, 439, 482, 485, 486, 487, 489
 cognate signs 425, 426, 439
 cognition 8, 15, 16, 30, 35, 36, 323–326, 345, 433, 500, 502, 508, 509, 510, 513, 624
 Cognitive Linguistics 315, 612
 cognitive pressures 424, 426
 cognitive science 174, 315, 323, 324, 325
 coinage, linguistic 12–13, 18, 39n30, 70–71, 303, 586, 605, 629–630n15

- coinage, scientific-terminological:
linguistics, science,
uniformitarian 526
- comitative 66, 454, 455, 460, 464n1,
 465n10
- comparative(s) 385, 525, 556, 562, 595,
 601–607
see also superlatives
- dual-reference comparison 606
- emphatic comparison 606–607
- non-suppletive: inflectional *vs*
 periphrastic *vs* double(d) 602
- suppletive (*a.k.a.* defective):
 suppletive-inflectional *vs*
 suppletive-double *vs* suppletive-
 postreinforced 602, 606
- comparative method 1, 9, 145–147, 157,
 184, 191, 196–197, 203–204, 214,
 228, 230, 232, 233, 234, 235,
 242–245, 246, 254–270, 410, 460,
 463, 473, 475, 483, 484, 490, 491
see also Bayesian phylogenetics;
 phylogenetic methods,
 protolanguage, reconstruction
- competition 395, 396, 405, 407, 409, 410,
 411, 413, 413n1, 416n24
- competition-and-selection model 405
- competition model of syntactic change
 118n23, 357, 361–363
- complement *see* Great Complement
 Shift; complementizer
- complementizer 92, 93, 94, 361, 385, 409,
 593, 555, 556, 593–600
 CP (Complementizer Phrase) 92, 93,
 94, 97, 361
 CP recursion 94
- completed change 274–277, 548, 553
- complex adaptive system 509
- complexity 364, 366–367, 397–399, 410,
 426, 473, 501, 507, 509, 511, 513
see also cumulative culture
- compounding 64, 68, 70, 71, 73, 81n30,
 426, 438, 459
 -s-plural noun as the first element in
 an English compound 529, 533,
 555, 583–586
- compromise(s) between competing
 forms or constructions 604
see also accommodation
- computational methodology 148, 160,
 226–227, 482–483, 491
- computational phylogenetics *see*
 Bayesian phylogenetics
- conceptual analogy 326, 346–347, 353n3
- congruence 139, 165, 406, 407, 410,
 416n22
- conjunction 105–107, 448
 adverbializing 525, 556, 597–600
see also adverbs
- adversative 387–388
- Boolean 175n14
- coordinating 103, 110–111, 379–380
- subordinating 103
see also complementizer
- connectionism 343–345
- conservative learning 358, 365
- Conserving Effect 286
- consistency *see* Universal Consistency of
 Reconstruction
- consonants 8, 10–13, 26, 30, 38n18, 48,
 51–57, 63, 64, 75, 78n10, 129, 132,
 138, 192n2, 205–209, 217, 219, 241,
 258–265, 269, 294–302, 307,
 322, 347, 348, 389, 416n23,
 449–451, 559–562, 568–569, 572,
 573–574, 576, 579–581, 609, 624,
 630n18
see also apical consonants; aspirated
 consonants
- consonant harmony 300, 302
 and pitch 48–56, 296
- constituent order 457
- Constitution, US 585
- constraints 15, 17, 18, 26, 35, 68, 91, 94,
 95, 112, 174n2, 184, 187, 192, 230f,
 265, 299, 305, 308, 315, 322,
 331–332, 332n1, 344, 347, 348, 349,
 350, 352, 378, 386, 405, 407, 409,
 430, 431, 437, 509
see also Optimality Theory;
 phonotactics; verb-second
- construction grammar 288n11, 315, 322,
 333n6
 macro/micro constructions 315
 niche construction theory 510
- construction theory 386
- constructionalization 288n11, 333n6
- constructionist theory 359

- contact 1, 2, 3, 7, 12, 24, 47, 54, 58, 69,
 71–72, 82nM,33, 98, 116n9,11,
 125–140, 146, 160, 162, 169–170,
 173, 192, 214, 224, 239, 255, 258,
 270, 317, 332n1, 352, 363, 370,
 375–390, 395–417, 428, 438, 440,
 452, 460, 463, 473, 480–482, 484,
 490, 563
 contact-induced change 24, 72, 82n33,
 255, 270, 375, 377, 382, 388, 410,
 417n27, 458, 463, 473, 480,
 481, 563
 dialect contact 24, 125–140, 169, 352,
 370, 396, 403, 406, 410, 411, 412
 language shift 397, 404, 407, 411–412,
 451, 461, 481–482
 syllable contact 12
 contamination 64, 69, 72, 74, 78n6,
 82n35
see also blends
 contextual conditioning 438
 continuity principle 324
 Continuous-Time Markov Chain
 229, 231
see also Markov Chain Monte Carlo/
 MCMC
 contour tone 13, 51–53, 294, 299, 451
 contrastive analysis, crosslinguistic (in
 general, not specifically
 L2-related) 150, 154, 449
 contrastive *vs* non-contrastive
 distribution 568
see also phonological contrast and
 contrastive *vs* non-contrastive
 element
 contrastive/non-contrastive tones 51,
 53, 55, 58, 451
see also tone
 conventionalization 17, 315, 318, 320,
 325, 331, 386, 442, 503, 513
 convergence 3, 30, 125–140, 160, 168, 169,
 170, 171, 229, 231, 277, 280, 282,
 305–306, 386–390, 406, 438, 483,
 538, 569
 cooperation 500–504, 510, 512, 513
 coordination
 behavioral coordination 139
 coordination of articulatory gestures
 300–301
 coordination of clauses 106
see also conjunction
 coordination in language
 processing 508
 copula verb 277, 455, 589
 corn/maize-farmers' methods and
 yields *vs* historical linguists'
 methods and yields 546–548
 Cornell Laboratory of Ornithology
 541, 618
see also eBird
 corpus (and corpora) 3, 29, 35, 38n18,
 88, 89, 114, 215, 216, 218, 220, 222,
 332n4, 270, 272–288, 196–211, 328,
 329, 332, 359, 368, 423, 425, 536,
 538, 551, 552, 582, 584, 599,
 603, 616
 A Representative Corpus of Historical
 English Registers
 (ARCHER) 288n3
 American National Corpus
 (ANC) 279, 280, 286, 288n8
 ARTFL-Frantext 118n24
 ATILF (Analyse et Traitement
 Informatique de la Langue
 Française) 118n24
 Austronesian Basic Vocabulary
 Database 231
 Base de Français Médiéval 118n24
 British National Corpus (BNC) 218,
 219, 222, 275, 278, 279, 280, 286,
 602, 605
 Brown Corpus 273, 274, 278, 279,
 280, 362
 Chadwyck-Healey literature
 databases 274
 CHILDES – Brown 362
 Corpus of Contemporary American
 English (COCA) 78nB,9,
 82n32, 275, 276f, 279, 281, 282f,
 552, 596
 Corpus of Historical American
 English (COHA) 272–284
 Corpus of Late Modern English Texts
 (CLMET) 273
 Corpus of Middle English Verse and
 Prose 328, 336n38,39
 cross-referenced historical corpus 423,
 427, 432

- see also* Historical Sign Language Database
 Early ASL films 423, 427
see also Historical Sign Language Database
 Early English Books Online (EEBO) 273, 287n2
 Google Books 273, 279, 280, 287n2, 288n9, 552, 596, 616
 Hansard Corpus 288n4,6
 Helsinki Corpus of English Texts (HC) 273, 285, 288n3,4, 336n39
 Historical Sign Language Database (HSLDB) 423, 427, 428, 429, 432–438
 Hittite 196–211
 Lancaster-Oslo-Bergen Corpus (LOB) 273
 medieval Norman legal texts 98
 Modéliser le Changement: Les Voies du Français (MCVF) 118n24
 Nordic Dialect Corpus 367
 Nouveau Corpus d'Amsterdam 118n24
 Old Bailey Corpus (OBC) 273, 274
 Oxford English Corpus (OEC) 281, 282f, 288n10
 Syntactic Reference Corpus of Medieval French (SRCMF) 118n24
 written language/written records 20, 53, 88, 89, 103, 113, 196–191, 214, 216, 223, 278, 279, 280, 281, 286, 287, 333n11, 423, 440, 537, 538, 544, 598, 599, 600, 605, 610
 Corpus Resource Database 273, 288n4
 correspondence problem 146, 147, 149, 151, 173
 countability 216, 221–223
 counterfactuality 556, 608–610, 636
 covarion 230f, 231
 creaky voice or other creaky phonation 48, 49t3.1, 53–55, 58n1, 60–62, 569–650
see also vocal fry
 creolization 424, 425, 426, 442
 debasilectalization 406
 decreolization 404, 406
 re-creolization 425
 CRISPR technology (DNA-editing via clustered regularly-interspaced short palindromic repeats) 623
 cue-based acquisition and change 112, 357, 360–361, 364, 366
see also microcues
 cue trading 302
 cumulative culture 501, 504–505, 509, 511–512
 cuneiform (and paleography) 196–199, 205, 209n3, 210n7,16, 211n31
 cyborg(s) [cybernetic organism(s)] and übercyborg(s) 621, 624
see also androids
 cycle(s) 65, 121, 190, 320–321, 373, 426–428
see also life(-)cycle(s)
 databases 35, 114, 175n14,17, 187, 190, 226, 231, 235, 236, 254, 272, 273, 274, 279, 281, 284, 287, 288n4, 336n39, 423, 427, 491, 436, 584, 602
see also corpus (and corpora)
 dead languages 11, 196, 209
 debasilectalization 406
see also basilectalization
 deep homology 507
 degrammaticalization 79n20, 80nE, 317
see also grammaticalization
 deixis 108, 110, 155f, 203, 204, 385, 440, 613
 deictic sign 440
 demography 26, 130–132, 276, 277, 278
 Denisovans 513
 densitree 231, 233f
 depluperfection 608–611
 depressor consonants 57
 derivation
 historical 209, 322, 344, 432, 439, 484, 485
 morphological 64, 67, 71, 72, 73, 74, 148, 435, 439, 484, 485, 613
 phonological 15, 38n5
 descriptive adequacy 145, 173
see also explanatory adequacy;
 observational adequacy
 desiderative 458
 determinism model *see* dialect formation

- devoicing *see* sound change
- diachrony 526, 529, 533–535, 607, 618, 623–624
 as chasmochrony *vs* lagochrony *vs* rheochrony 523, 533–535, 540, 546, 627n5
- diagram
 iconic 318–319, 331
 structural 318
 see also tree diagram
- dialect 2, 3, 7–39, 52, 55, 58, 64, 66, 67, 72, 75, 79n12,D, 82n35, 83n41, 88, 93, 98, 99, 113, 116n4,9,11, 125–140, 150, 152, 157, 169–171, 173, 177n33, 219, 224, 231, 239, 245, 256–259, 269, 296, 305, 346, 347, 348, 349, 352, 359, 361, 366, 367, 368, 370, 371n2, 388, 389, 396, 397, 398, 410, 411, 412, 416n21, 425, 433, 448, 449, 451, 457, 459, 461, 462, 478, 483, 486, 507, 530, 532, 541, 558, 560, 572, 573, 575, 577, 609, 611, 628n9
 see also accent; three-stage model; contact, dialect
- dialect convergence 125–140
 see also convergence
- dialect formation 125–140
- dialect leveling 127–133, 135, 136, 140n4,7,9, 140n9, 282, 448, 449, 461, 462
- dialect mixture 9, 11, 113, 127–139, 140n6, 461, 462
- diminutive (*vs* augmentative) 69, 127, 135, 141, 320, 456, 586
 pejorative diminutive(s) 586–587
- diphthongization *see* sound change
- discontinuous change(s) 448, 463
- discourse 97, 114, 285, 287, 336n37, 376, 377, 378, 379, 380, 385, 388, 389, 423, 426, 438, 441, 463, 599, 628n9, 629n12
- discourse analysis 526
- discourse markers 378, 385, 448, 455
- discourse prominence 455, 597
- discourse-linking 97, 108–110, 113, 114
- discourse-pragmatics 316, 457
 discourse-pragmatic cline 316–317
- discreteness (of parameters) 150, 151
- disjunctive ordering 68, 78n8
- dislocation (of subjects) 102t5.1, 103, 104t5.2, 111–112
- disparitarianism 532, 547
 see also uniformitarianism
- dissimilation *see* sound change
- domain-general principles 33, 315
- double marking 601–607
- dual systems (perception and production) 31
- dual (inflectional category) 66, 69, 70, 78n6, 80nG,H, 186, 455, 534, 558
- dual inheritance theory 510
- dual-reference comparison *see* comparison
- Dublin Vowel Shift *see* vowel shift
- ductus 198, 199, 210n9
- dung beetle(s) 529
- ease of effort in sign articulation 432–433, 444
- eBird 541, 545, 548, 568, 618, 628–629n11
- economy principles 318, 320, 333n7,14, 358, 363, 366–367, 580
- E-language 149, 154, 360, 361, 364, 371
- embedded clause 91, 92, 94, 95, 99, 103, 105, 107, 108, 116n11, 359, 460, 629n15
 see also subordinate clause
- embedded root phenomena 103
 see also verb, bridge
- emergence (of creoles) 395–417
 see also blended languages; creolization; dialects; pidgins; (emerging) sign languages
- emergent stop 301
- emerging sign languages 424, 425, 426, 434
- emphasis 334, 351, 364
 see also comparison, emphatic
- emulation 504, 505
- enclitic *see* clitic
- endangered language 170, 193n7, 254, 447, 449, 450, 457, 458, 459, 460, 464
 see also language obsolescence
- engineering, biological/genetic 528, 620–624, 633n32

- Ēns ĕmendātum* 'Improved Entity' (plural
Entia ĕmendāta) 624
see also *Homō sapiēns*
 entrenchment/conventionalization 315
see also conventionalization
 epiphenomenon 152, 317, 333n14, 345
 epistolary data 536, 538–540, 549, 559
 equative *vs* predicative forms 615
 ergativity 246, 454, 455, 457
 error of commission 362, 367
 error of omission 362, 363, 367
 ethnography 375, 486, 487
 ethnolect 13, 24
see also dialect
Ethnologue 243, 244f11.4
 euphemism 606
 evaluation metric 75
 evidentiality 457, 461
 evolution/evolutionary mechanisms in
 language 13, 34, 36, 39n30, 47,
 101, 135, 184, 245, 246, 266, 269,
 270, 273, 306, 395–413, 416n24,
 423, 424, 425, 426, 434, 500–514,
 526, 574, 580, 629n12
 evolutionary anthropology 258
 evolutionary biology 36, 226, 319, 410,
 413n1, 500–514, 526, 527f24.1, 542,
 623, 624, 629n12
 evolutionary linguistics 395–417
 evolutionary phonology 300, 301, 302,
 306, 307, 350, 580
 eWord (proposed website modeled on
 eBird) 541, 545, 548, 559, 568,
 628–629n11
 exceptionful *vs* exceptionless
 generalizations 8–10, 12–16,
 18, 26, 30, 32, 35, 184, 186,
 560–561
 Exemplar Theory 33, 322, 325, 334n18,
 349–350
 experiment(s) and experimentation
 31–32, 44, 85, 157–158, 162, 169,
 173, 174n*, 174n19, 177, 249, 296,
 298, 309–310, 312–313, 324,
 326–327, 337, 353–354, 353n2,4,
 359, 369, 502, 504, 506, 510, 514,
 518–519, 532, 539, 541, 562, 583,
 618, 622, 646
 explanatory adequacy 145
see also descriptive adequacy;
 observational adequacy
 expletive subject(s) 97, 110, 117n20,
 122, 549
 extended phenotype 510
 extension 2, 10, 17, 20, 22, 26, 27, 30, 64,
 65, 73, 78nB, 79n13,17, 80nF,
 82n35, 96, 149, 153, 188, 190, 204,
 321, 334n19,24, 388, 389, 461, 559,
 569, 612
 external contact 58, 224
 externally motivated change 410,
 411, 563
see also internally motivated change
 eye-tracking 548

 f_0 perturbation (i.e., of fundamental
 frequency, *a.k.a.* f_0) 293–294, 208
see also fundamental frequency
 falsetto 55, 58, 61
 fancyism(s) 587
see also urbanopolysyllabicity
 farming/language dispersal
 hypothesis 474, 480, 492, 494, 498
 feature pool 396–397, 407, 411,
 416n22,24, 418
 female humans, either as users or as
 referents of language 24, 67, 74,
 83n42, 218, 282, 303, 367t17.1, 435,
 456, 489, 569–570, 650
 female non-human animals (bonobos or
 orangutans) 505, 519
 feminine gender 368–370, 382, 436,
 456–457, 460
 fitness (e.g., in natural selection) 501,
 509–512
 fixed expression(s) 65, 79n1, 90, 105,
 108, 117n16, 329, 389, 588, 607
see also code-switching
 focus (including linguistic FOCUS) and
 focalization 97, 109–110, 112, 120,
 260, 359, 385, 418, 454–455, 457,
 464n1
 focused subject(s) 454–455, 464n1
 focusing in new-dialect formation 130,
 132–133, 138, 140n10
 folk etymology 73, 82nN, 321, 428–429,
 489, 617
 formulaic language 98, 320, 448

- FOXP2 gene 512, 514n4, 516, 518, 520–522
- Frequency Illusion 629–630n15
- frequency of occurrence of a linguistic element viii, xiii, 2, 9, 18, 29t2.3, 33–36, 37t2.4, 38–39n19, 39n27, 40–41, 45, 85, 87, 89, 97–98, 100–101, 107, 112, 132, 218, 252, 272, 274, 275f13.1, 276f13.2–3, 278–281, 278f13.4, 279f13.5a, 280f13.5b, 281, 282f13.6, 283f13.7, 284f13.8, 285–287, 288n6, 298, 306, 310–311, 317, 322, 325, 327, 329, 333n14, 339, 343–356, 361–362, 364, 368, 370–371, 373, 383, 431, 442, 444, 450, 461, 497, 531, 537, 542, 551–554, 557–558, 564, 568–569, 580–582, 585, 590–591, 595, 600, 602–605, 612–616, 628n8, 629–630n15, 635
- frequency of occurrence of a genetic element (in a population) 515
- fundamental frequency (f_0 or f_0) 55, 58, 60, 293–294, 298–299, 302, 309–311
see also f_0 perturbation
- fusion
 dialectal 137
 of categories or of repertoire subsets 381, 383
 of vowels 462
- Gallicism(s), in English 571
- gender
 as socially constructed by humans ii, v, x, 23, 36, 272, 276, 282, 304–305, 312, 435
 grammatical 64, 67, 155f7.1, 178, 192–193n5, 194, 368–370, 382, 388, 435–436, 439, 455–457, 460, 464n8, 465–466
- gene(s) xii, 165, 174n*, 251, 396, 413n1–2, 501, 509–512, 515–516, 519, 521–522
see also genetics, biological
- generational cohorts (and other sorts) 26, 426–428, 431–432, 548
- generative grammar 45, 86, 88, 94, 105, 116n5, 120–122, 145, 149, 174n1, 177, 179, 181, 315, 317, 322, 333n7, 334n18, 341, 357–359, 361, 364–365, 371–372, 419, 530, 615, 640, 643, 648
- generative phonology 33, 36, 73–75, 315, 344, 532
- generic classifier(s) 456, 485
- genetic assimilation 510, 522
- genetics, biological (including phylogenetics) xi, 148, 153, 160, 178–180, 226, 229–230, 234–235, 246–249, 251–253, 281–282, 284, 286–288, 395, 408, 455, 468–469, 472–473, 480–482, 489, 494–497, 499, 507, 509–514, 517, 519, 521–522, 538, 550
see also gene(s)
- genomes, a tree of 527–528, 527n.24.1
 Archaeobacteria, Eubacteria, and Eukaryotes 527n.24.1
 presence *vs* absence of mitochondria 527n.24.1
- genteelism(s) 525, 554–555, 557, 594–595, 597
see also urbanopolysyllabicity
- Germanic (*a.k.a.* First) Consonant Shift
see sound change
- gerund 277–280, 285–286, 458
- Gestalt theory 324, 342, 640
- gestural overlap 300–301
- gestural roots (of languages) 424
- glide deletion *see* sound change
- globality problem 146–148, 151
- Glossa Ordinaria* 99–100
- glossallogology 548
see also language-change-ology
- glottal stop 38n6, 48–49, 52–54, 56–57, 450–451, 524, 556, 568–569
- glottal replacement *see* sound change
- Glottalic Theory 185, 194–195
- glottalization *see* sound change
see also laryngealization and preglottalization
- glottochronology 226–228, 231, 237, 239–241, 247, 251, 425, 469, 493
- Google Books Ngram Viewer [GBNV] (and its data) 279, 552, 596, 616
- Google Search(es) 80nF, 539, 552, 554, 556, 582, 599, 602–603, 605, 616

- Gordon Lab (Stanford University) 541, 638
- government
 political 118, 255, 257, 269, 584–585, 623
 syntactic 94, 178, 371
- gradual change (temporally or in effect) 9, 11, 16–17, 21, 24, 26, 30, 32, 35, 40, 112, 201, 329, 345, 412, 435, 449, 482, 509, 536, 543, 592
- Graf Bobby* ‘Count Bobby’ genre (in Austrian humor) 560
- grammar competition 188n23, 357, 361–363, 372
- grammatical or semantic contrast 67, 261–262, 430–432, 436, 439, 454, 582, 615
- grammatical relations (*vs* thematic relations and case relations) 326, 340, 451, 457, 613
- grammatic(al)ization viii, xi, 1–4, 42, 69–70, 73–74, 76, 78–79n10, 80nE, 83n38, 84–86, 119, 150, 155f7.1, 179, 186–191, 193–195, 314–320, 320f15.1, 321–322, 327–329, 321–322, 332n4, 333n5–7, 333–334n15, 334n16, 335n29, 335n31, 337–342, 373, 375, 386, 388–389, 433f20.6, 434–436, 438, 440–444, 458–459, 514n2, 517, 598, 641
 see also degrammaticalization
- grasshopper(s) 619
- Grassmann’s Law *see* sound change
- Great Complement Shift 277–279, 286
- Great Vowel Shift *see* vowel shift
- Grimm’s Law *see* sound change
- group selection 501
- hapax legomenon 545
- “hard attack” (with [ʔ] beginning a formerly vowel-initial word) 569
- hares, pikas, and rabbits (collectively lagomorphs) 533
- harmony (in phonological inventories or sequences) 12–13, 56, 61, 140n2, 260, 297, 300, 302, 310, 312, 530
 see also sibilant harmony
- have* as possessive/existential 329
- head parameter 94, 152, 358, 365–366
- head preference 367
- heatmap 160, 163f7.5, 168f7.10, 172, 172f7.14
- heritage language (and language heritage) 403, 411–412, 415n14, 467
- hierarchies (for borrowing, pattern replication, or parameters) 177, 382–385, 389
- High German (*a.k.a.* Second) Consonant Shift (and its results) *see* sound change
- historical derivations 432–434
- historical Sign Language Database (*vs* other sign-language databases) xiii, 423, 427, 442–443, 445
- historical or phylogenetic signal 146, 148, 154, 157, 160, 170, 172–173, 180, 235
- historical-comparative method *see* comparative method
- home-sign 506
- Homō sapiēns* ‘Knowing/Wise [Hu]man’ (plural *Hominēs sapientēs*) 508, 518, 620–621, 624, 639
 see also *Ēns ēmendātum*
- homophone(s) viii, 13, 17, 32, 45, 87, 96, 306, 310, 343–344, 351–354, 450–451, 573–574, 576, 580, 591, 597, 599–600, 607, 615–616
- Honolulu (Hawai’i) 568
- horizontal gene-transfer (HGT), *a.k.a.* lateral gene-transfer (LGT) 527
- Humboldt’s problem 149
- hybridization 398–399, 405, 407, 410, 416n23
- hyperadaptation (dialectal) 128–129
 see also hyperdialectism
- hyperarticulation 298
 see also hypoarticulation
- hypercorrection ($\neq$ over-imitation, *which also see*) 19, 23, 39n22, 39n30, 41, 43, 46, 129, 142, 296–297, 301–302, 410, 454, 525, 555, 587–588, 594–595, 597, 609, 611, 633n33
 see also hypocorrection
- hyperdialectism 19–20
 see also hyperadaptation

- hyperforeignism(s) and
hyperforeignization 570–571, 641
hyperurbanization *see* hypercorrection
hypoarticulation 298
see also hyperarticulation
hypocorrection 39n22, 296–297, 301–302
see also hypercorrection
- “Ice Station Zebra” (1968 film) 551, 644
icon(ic sign) 318–319, 321, 333n10
iconicity viii, xi, 3, 73–74, 314–316,
318–321, 324, 331, 333n10–11,
333n14, 314n16, 338–339, 341
diagrammatic *vs* imagic 318–319,
321, 331
endophoric *vs* exophoric 319, 321,
334n16
identity (and dialect formation) 29,
137–138, 142–144, 390–391, 420,
448, 461–462, 481
see also dialect formation
I-language 149, 360–361, 364–365, 371
imitation 21, 38n9, 118n22, 305, 308,
312–313, 345–346, 350, 500–501,
503–509, 511–514, 516–520, 522
immediate nativization 442
imperative (element, construction, or
pragmatic congener) x, 205, 450,
455, 458, 466, 502, 518
impersonal (construction) 90, 99–100,
107, 110, 115, 117n16, 329–331,
330–331t15.1–5.2, 336n40, 549,
565, 626n*, 645, 648
implicational universals 150, 184, 186
see also universals
inceptive (*a.k.a.* inchoative) verb-form(s)
262–264, 559
incipient change(s) 272, 286–287, 299,
311, 510, 553
inclusive pronoun(s) 455
incorporation (especially within Ket
verbs) 262–268
see also negative incorporation
indefiniteness 264, 290
index(ical sign) 24, 304, 318–319,
321, 323
indicator *vs* marker *vs* stereotype 22,
22t2.2, 27t2.4
indigenization 408, 421
individual-identifying evidence 147
inertness (resistance to linguistic change
or to physical movement)
181, 526
infinitive(s) 67, 85, 110, 331, 581
to-infinitive in English 277, 280, 286,
328–331, 330–331t15.1–15.2,
335–336n33–36, 336n39,40, 339,
341–342, 374
zero-infinitive in English 330,
330t15.1
inflection 8, 38n1, 42, 64–67, 71–76,
79n14, 79n16, 81n25, 82nL, 85–87,
92, 96, 99, 116n6, 116n12, 148, 202,
238, 272, 274, 277–278, 282, 286,
321, 375, 383, 398, 406, 410, 432,
434–435, 444, 454–455, 457, 602
information and information theory 33,
46, 248
see also Bayesian phylogenetics
information structure (including new *vs*
old information) xiv, 97, 105,
109–110, 114, 118n22, 122, 285,
316, 340–341, 351, 359, 363–364,
366, 370, 373
inhibition against (*a.k.a.* resistance to)
borrowing forms 72, 233, 383
inhibition and selection mechanisms
(*a.k.a.* selection and inhibition
mechanisms) 379–381, 384–386
initial gender affixation 435–436
initialization changes (e.g., in French
Sign Language) 440, 441f20.12
innovative varieties (e.g., in language
obsolescence) 449–452, 454–455,
457–462, 464, 465n10, 467
input
to acquirers and users of
communication systems 112–113,
132, 188, 297–298, 302, 359–363,
365–367, 369–370, 373, 407,
424, 585
e.g., to phylogenetic analyses
234–235, 240, 491, 544
instrumental (individual/combined case
or adpositional equivalent) 79,
212, 453–455, 460, 464n1, 553
insult(-expressing) phrases/
structures 615

- intensifier(s) (like English *so not*) 188, 281, 287, 290
- interactional synchrony *see* accommodation
- interdialect development 46, 128–130, 132, 135–136
- interdisciplinary studies 143, 179, 472–473
- interjection(s), possible unique status or influence of 568, 582, 587
- intermediate step(s) 38n6, 435, 438, 525, 556, 601
- internal reconstruction 1, 2, 191, 193n8, 196, 209n1, 211, 257, 261
- internal repetition 431–432
- internally motivated change 410, 417n27
see also externally motivated change
- interrogative [element(s) or construction(s)] 92, 116n12, 120, 366–367, 385
- intonation 16, 22–23, 294, 597–598, 600, 626
- intrinsic *vs* extrinsic feature(s) 294, 296
- inversion
 arboreal-diagrammatic 527f24.1
 phonological, reversing a rule's directionality 19, 39n30
 syntactic, reordering two elements, like a finite and a nonfinite verb 67
 genitive (of possessor and possessee) 155
 pronominal 91, 94–95, 97, 100, 105, 108, 111, 113–114, 116n10, 117n18, 119–121
 subject 91, 92, 94–95, 97, 100, 105, 108, 111, 113–114, 116n10, 117n18, 119–121, 362, 365–367
- Iowa (US state) 431
- IP (Inflection Phrase) 92–94, 99, 111, 116n6
- irrealis 458, 465
- Íslensk málnefnd 'Icelandic Language Council' 565
- Íslensk málstöð 'Icelandic Language Institute' (1985–2006) 565
- isogloss(es) 12, 169, 245, 390, 484
- isomorphism 319, 321, 333n12
- it*-clefts 316, 341
- iterative (as a grammatical category) 262–263, 267–268
- Jaccard formula 158–164, 170–172, 176n27, 176–177n29
- Janda's Law 551, 564
- jargon (as an alleged stage in creole development) 404, 415n10
- Jespersen('s) Cycle (of negation-marking) 606
- jocular form(s) 583
- joint attention 502, 511
- juxtaposition (e.g., of forms for comparison) 200
 accidental, within a string of words 592
 of languages, in a contact situation 379
 simple, as in genitive constructions 460
- Kiev (Russia), 1240 sacking of 537
- kin selection 501
- kinship 75, 155, 246, 250, 435, 436, 439, 489, 497
- kinship paradigm 435, 440
- koine/koiné (*including* Koine Greek and prekoine) 67, 122, 127, 133, 137, 142
- koineization (*including* rekoineization) 130, 135, 141, 142, 144
- Kuryłowicz's laws of analogy 75, 86, 87, 187, 195
see also analogy
- L2 acquisition (*a.k.a.* second-language acquisition) 13, 26, 28, 62, 129, 298, 311, 363–364, 371–373, 371n1, 403, 405, 417, 417n27, 421, 552, 580, 599, 611
- lacuna(s) and lacunality 523, 530, 532, 533, 535, 626–627n1, 627n4, 627–628n10
- Lamarckian(ism) 510, 526, 542
- language acquisition *see* acquisition
- language attrition *see* attrition
- language contact *see* contact

- language families xiii, 3, 77n4, 148–149, 154, 157, 160, 161f7.3, 162–163, 167, 173, 180–181, 234–235, 237, 240, 251, 255, 258, 271, 473–474, 480, 483, 491, 550
 language family homelands 229, 243, 246, 249, 474, 478, 484–486
 language homelands 132, 135
 language learning *see* L2 acquisition
 language obsolescence viii, 142, 447–453, 455–463, 464n2,4,6,8, 465n10, 466–467
 language processing ii, 30, 43, 247, 306, 310, 313, 315, 323, 331, 337, 372, 376–377, 380, 383, 385, 389, 424, 508, 548
 language shift *see* contact
 language transmission *see* acquisition
 language-change-ology 548
 see also glossallagology
 Languedoc 561
 Lapita culture 243, 250, 253, 469, 472–473, 477–478, 479f22.5, 485–490, 496, 497
 laryngeal adjustments 48, 50–53, 294
 laryngealization *see* sound change
 laryngealized vowel 451
 latent semantic analysis (LSA) 526
 lateral gene-transfer (LGT), *a.k.a.*
 horizontal gene-transfer
 (HGT) 527
 law-enforcement media-briefer
 register 589
 laxness, especially as a property of
 vowels 13, 349, 557, 580, 609
 consonantal 205, 208, 211n34
 laryngeal 49–51
 layering 319–320
 left periphery 94, 97, 109, 119, 121
 lenition *see* sound change
 leveling (dialectal) *see* dialect
 leveling (analogical) *see* analogy
 lexical diffusion xiii, 2, 16, 23, 35, 38n18, 39n30, 40, 43, 45–46, 76, 83n49, 286, 290, 310, 343–346, 349, 351–352, 353–355, 353n2, 353n4, 444, 635
 lexical frequency *see* frequency (of occurrence)
 Lexical Integrity Principle (and similar or parallel tendencies) 15, 68
 Lexical Morphology 583
 see also Lexical Phonology
 lexical neighborhood 44, 306–307, 310, 313, 347, 355, 356
 Lexical Phonology 16–19, 35, 43, 344, 583
 see also Lexical Morphology
 lexical reconstruction 484–490
 lexical representation (broadly construed – including, e.g., lexical input form) *vs* sublexical representation(s) 15, 18, 30, 31–33, 38n5, 73, 306, 344, 347, 349, 352–353, 356, 444, 517, 532, 643
 lexical set 11, 35–36, 214
 lexicalization (and relexicalization) 2, 16, 18–20, 34–36, 37t2.4, 43, 65, 339, 426–427, 433, 440–442, 456, 641
 at later stages of language life 442
 lexicon viii, xiii, 4, 8, 10, 14, 16, 18, 20, 36, 64, 68, 71, 75–76, 87, 150, 163, 165n7.7, 194, 212, 232–237, 240, 245, 247, 252, 255, 258, 260, 274, 307, 331, 339–340, 343–347, 349–350, 352, 353–354, 353n5, 364, 381, 383, 425–426, 431–432, 435, 462, 469, 473, 484–485, 490–491, 494, 497–498, 524, 554–555, 587, 634, 650
 lexicostatistics 226–227, 233–234, 237, 240, 243–244, 246, 248–251, 253
 see also glottochronology
 liaison (e.g., in French) 561–562, 637
 life(-)cycle as a biological term 597
 life(-)cycle(s) as a linguistic metaphor (e.g., for a phonological variable) 140
 see also cycle(s)
 applied to creolization/decreolization and language death 404, 419, 466
 applied to phonological change/to sound change *sensu lato* 16–18, 20, 36, 40, 45
 problems with this metaphor 39n30, 404
 lifespan of mature sign languages 435

- Lincoln (division of the Ford Motor Co.) 552
- lingua franca 143, 397–400, 402, 414n4–5, 414–415n9, 417n27, 438, 450, 636 (blog name)
see also in Language Index
- linguistic or dialectal area(s) 13–15, 23, 26–27, 29–30, 60, 85, 113, 116n4, 126–128, 130–132, 134–138, 141, 153, 163, 169–171, 177n33, 254–255, 257, 260–261, 266, 270, 386, 390–391, 402, 450, 463, 471f22.2, 471–473, 475, 478, 480–481, 488, 524, 534, 555, 572, 574
- linguistic or dialectal minority 114, 126, 131–132
- Linguistic Society of America (LSA) v, x, 43, 530, 580
- linkage(s), inter-(dia)lectal or -linguistic 477–478, 483–484, 488, 495
- loans *see* borrowings
- loanword(s) 61, 233–235, 258, 271, 391, 481, 566, 570, 571, 592, 630–631n18
see also borrowing
 adaptation of 234
- long-term (attention to) change iv, 12, 36, 287, 305–306, 313, 376 (on its opposite) 386, 540, 543, 551, 618, 619, 623
 long run, the 596
 long-term *vs* short-term memory / mental representation 325, 511, 622
- Los Angeles International Airport (LAX) 542
- main (*a.k.a.* independent) clause 91–92, 94–95, 98–101, 102t5.1, 103, 104t5.2, 110–111, 115, 595, 608
- maintenance of a full sign 430, 432
- malapropism(s) 321
- Mańczak's tendencies of analogy 75, 86
- Mariana Islands 470–472, 496
- Markov Chain Monte Carlo (MCMC) methods 229, 230f11.1, 232f11.2
- mass comparison *see* multilateral comparison
- master signers 426–427
- Me Too Movement 588
- mechanism(s) of change (including analogy, borrowing, contact, hyper- *vs* hypo-correction, morpholexicalization, (over) generalization, phonologization, and reduction, *which also see*) 2, 11, 13–16, 18–19, 24–25, 29–31, 36, 39n22, 42, 75, 78n8, 125, 127, 132, 186–188, 190, 295–298, 300–302, 307–308, 313, 317, 322, 327, 334n24, 342, 346, 391, 406, 413, 441–442, 494
- mechanism(s) of functioning, maintenance, and processing 57, 61, 315, 333n13, 339, 379–381, 384–386, 396, 441–442, 494, 507, 509–511, 516, 522, 608–609
- media, effect on change due to mass- or other 88, 130, 218, 281, 544, 552, 586, 589, 594–595, 598–599, 610, 629–630n15
- mediopassive 64, 69–70, 73, 78n6, 200–205, 210n11–13, 210n15, 210–211n22, 212–213
- medium (of communication) 272, 277, 286, 425–426
- medium-term change 305, 313
- mental lexicon 349, 352, 634
see also lexicon
- merger *see* sound change
- metadata 272, 287
- metahuman(s) *see* transhuman(s)
- metaphor(s) in language or in linguistics 73, 317–320, 325, 333n9, 339, 342, 375–377, 385, 395, 413n1, 529, 589, 592, 596–597, 604, 633n32
- metathesis *see* sound change
- metric problem 146–149, 151, 162, 173–174
- Microcephalin 512, 515
- microcue(s) 358, 365
see also microparameters; cue-based acquisition and change
- microcue model 358–360, 365–366, 371
- microparameter(s) viii, 357–360
see also microcues
- mimesis 508, 512, 522

- mind, theory of 501–503, 511, 514–515, 520
- Minimalist Program 116n6, 119, 121, 177, 180, 341, 367
- mirror neurons 508, 520
- misparsing (by listeners of sound sequences) 298
- misperception 31, 298, 301, 353
- mixed languages 245, 381–382, 385, 390, 445n11, 467, 482, 491n2
- mixing (of dialects or languages) 113, 127–128, 130–131, 133, 136–138, 390, 411, 416n22, 450, 462, 465
- modal (pertaining to verb(-related element)s) *vs* semi-modals 80n23, 132, 141, 317, 329–330, 336n33, 335–336n36, 336n40, 336n43, 337, 340, 342, 385
- modal (phonation *a.k.a* voice) 48–49, 51, 55
- modal rate(s) of change (as a statistical concept) 240
- modalities of production and perception 390, 424, 426, 444, 509, 538, 635
- Modularized Global Parameterization (MGP) 153–154
- monosemy *vs* polysemy *vs* hyperpolysemy 81n28, 284, 387, 426, 432, 452–454, 612, 647
- monosyllabic *vs* bisyllabic *vs* plusquamdisyllabic words 259, 359, 366–367, 525, 554–555, 560, 576, 587, 594, 597, 601–603, 605
- mora 51–52, 59, 210, 210n18, 213, 451, 580
- morphocentric grammar 84n51
- morpholexical change (including morpholexicalization) 76, 647
- morphological constellation(s) [and lexical constellation(s)] 595, 641
- morphology vii, ix, x, 4, 8, 16, 20, 22, 36, 40, 63–64, 67–69, 71–73, 76, 77n1, 80nG, 84n51, 84–87
- Morphology-Free Syntax 68
- morphophonemic variation 439
- morphophonemic voicing (in English plurals) 65, 74, 78n10, 80n21
- morphophonemics 83n37
- morpho(pho)nology 68, 423, 554–555, 557
- morphosyntax 3, 4, 68, 119, 237–238, 372, 398–399, 525, 554, 556, 597
- motivated sign(s) 318–319, 341
- motivation(s) concerning analogy and iconicity 319, 322, 333n9 for conclusions about linguistic phenomena 534, 562, 641 from any source for linguistic phenomena 40, 42–43, 52, 69, 75, 137–138, 142, 189, 191, 206, 225, 294–295, 303, 339, 341, 345, 353–354, 376–377, 383, 385–386, 388, 391, 410–411, 432, 571, 643 *see also* causation
- mouse/mice [as animal(s)] 545, 549, 558, 620, 622
- multilateral comparison (*a.k.a.* mass comparison) 147
- multilingualism ii, xii, xiii, 390, 400, 411–412
- mutual adaptation *see* accommodation
- Myrmidons (mythical soldiers) 617, 619
- narrative historical linguistics viii, 468–469, 472–474, 480–484, 488, 490–491
- nasalization *vs* denasalization *see* sound change 30, 34, 297, 302, 309–310, 645
- National Association of the Deaf 426, 427, 439, 442n1
- nativization *see* loanword, adaptation of
- natural history (e.g., as a cabinet of curiosities *vs* proto-biology) 617–618 figuratively extended to linguistics xiv, 617–618
- Natural Morphology 2, 85–87, 637
- natural pedagogy 512
- natural selection 501, 509–510, 512–513, 520, 526, 540
- natural topic-comment structure 438
- “naturalness” (in phonology) 30, 42, 577
- Neanderthals 508, 513, 514n4, 621, 624
- Nebraska (US state) 431, 547

- NED* (*New English Dictionary on Historical Principles*; first, 1884–1928 edition of the *Oxford English Dictionary* (*OED*) 1933 and later) 628–629n11
- negation (and associated phenomena) 67, 109, 111, 221, 262, 271, 281, 351, 352n1, 365–366, 435–438, 440, 445–446
see also negative incorporation
- negative incorporation 436–437, 446
- negative paradigm 435–438
- neighborhood activation *see* lexical neighborhood
- Neogrammarian(s) (for German *Junggrammatiker*) 2, 3, 5, 9, 11, 14–18, 25, 32, 34, 42–44, 77n2, 86, 306, 315, 343, 349, 352, 353n4, 355, 560, 643
- Neolithic transitions 474, 480–481
- network graphs 170
- network theory 347
- neural network 343–344, 346
- neutralization
 of case or part-of-speech distinctions 283, 454
 of consonantal or vocalic distinctions *see* sound change
 of tense distinctions 608–609
- New Britain 245, 469, 481, 499
- New Caledonia 131, 137, 244, 252, 397, 469
- new dialect formation *see* dialect formation
- New Guinea x, 243, 245, 250, 458, 466, 469, 470f22.1, 471f22.2, 472–474, 475f22.3, 476f22.4, 477–478, 479f22.5, 480–481, 487–489, 491, 496, 499
- New Transitive Impersonal (NTI; an innovative Icelandic construction) 549, 565, 626n*, 645, 648
- New Ireland 469, 478, 479f22.5, 499
- Ngram 27, 552, 596, 616
- niche construction theory *see* construction grammar
- non-native-speaker texts, distinguishing (e.g., online) 552, 603, 609, 611, 617
- non-null subject language (NNS) 89–90, 95, 97, 106–108, 111, 114, 115n3, 121–122
see also
 null-subject language; pro-drop
- non-reliance by some speakers on distinctions neutralized by other speakers 609
- non-standard varieties (e.g., of English) 10, 23, 142, 219, 224, 397, 401, 403, 405–407, 414n4, 416n20, 564, 589, 605
- normative (or prescriptive)
 influences 216, 218, 222–223, 386, 390, 558, 564, 582, 609–610
- Northern Cities Shift *see* vowel shift
- null-subject language 88–91, 93–115, 116n8, 116n10–12, 118n22–23, 118–122, 177, 358, 361, 363–364, 367, 372
see also non-null subject language (NNS); partial null-subject language; pro-drop
- number (grammatical) 64, 66–67, 72, 79n12, 80nG, 93, 96, 106, 115, 116n10, 155f7.1, 192–193n5, 202, 388, 434, 444
- number word(s) 456–457
- numeral classifiers 456–457, 460–462
see also classifiers
- /ŋg/#, continuing retention of /g/ in the cluster 524, 555, 557, 559, 561, 571–572, 580
- oaks as trees *vs* as acorns 540
- observational adequacy 256, 270n1
see also descriptive adequacy; explanatory adequacy
- Observer's Paradox 538, 564
see also Predictor's Peril
- Occam's Razor 191
- Occitania 561
- oedWord (website-like re-imagining of volunteer work on the *NED*, *which also see*) 628–629n11
- one-form-to-one-meaning 73
see also Semiotic Principle
- ontogenetic ritualization 501, 503
see also ritualization

- opacity
 phonological 15, 19, 81n30
 referential or semantic 261, 264, 314, 428, 432, 433, 438, 440, 627n3
 syntactic 322
- Optimality Theory 15, 344
- optimization 12, 228, 340
- organisms, utterances viewed as being (like) 528, 529
- over-imitation ($\neq$ hypercorrection, *which also see*) 504–505, 512, 516, 519, 522
- overgeneralization 10, 357, 352, 362, 367, 595
- palatalization *see* sound change
- palato-alveolarization (as a subtype of palatalization) *see* sound-change
- paleobiology as molecular evolution, geology, and physics 527, 528
- paradigms (linguistic) 11, 13, 16, 18, 33, 35, 66, 73–74, 75, 116n4, 10, 211, 232, 234, 255, 285, 286, 322, 346, 368, 434, 436, 437, 438, 453, 454, 459, 601
 see also leveling (analogical)
- nominal 65, 209n2
- semantic 433, 435, 439, 440, 458
- verbal 72, 78, 96, 200, 201, 203, 204, 208, 209n2, 216, 266, 267, 269
- paradigms (scientific) 145, 174n1, 357, 359, 368, 384, 396
- paradigmaticity 316, 317, 321, 324–326, 327, 328
 see also paradigms, nominal *and* verbal
- parallelism (between segment types) 563, 587, 631n21
- parameter (linguistic) 150, 151, 152, 153, 154, 157, 158, 160, 174n7, 175n12, 13, 14, 18, 188, 315, 357, 358, 359, 365
 see also V2 parameter
- demographic parameters 276
- macroparameters 365
- microparameters 358, 365
- nanoparameters 365
- parameter hierarchy 366, 371
- parameter setting 359, 362, 363, 364, 365
- parameters in sign language 424, 433
- parametric change 152, 157, 317, 365
- parametric linguistics 112, 145, 150, 315, 358, 359
- parametric syntax 94, 149, 155, 172, 173, 174
- social parameters 343, 352
- Parametric Comparison Method (PCM) 146, 149, 154, 158, 173
- parametric distance 162, 169, 170, 171, 172
- parentheticals 598, 599
- quasi-parentheticals 599, 600
- partial null-subject language 90, 94, 97, 116n4
 see null-subject language
- particle 105, 107, 108, 112, 155, 203, 208, 385, 386, 388, 389, 434, 439, 458, 463, 562, 582, 583
- past tense 67, 80n23, 83n39, 274, 277, 282, 286, 287, 330, 346, 352, 359, 607
 see also preterite
- pathway (in grammaticalization) 187–192, 284, 317
- biological 507, 513
- of change 296, 597
- pattern replication 332n3, 386, 387, 389, 390, 396, 406, 457
 see also borrowing
- PCoA (principal-coordinates analysis) 160, 162, 171
- pedagogy 427, 509, 512
- perception 7, 9, 30, 31, 32, 38n13, 303, 304, 306, 307, 325, 350, 424, 506
- low-level *vs* high-level 325
- perceptual confusion 298, 301
- performatives 320
- periodization 198, 428, 442, 629n13
- peripatric speciation 594
- periphrasis *see* analytic(al) structures
- permeability *see* spreading
- person (grammatical) 64, 72, 75, 93, 96, 106, 116n10, 152, 261, 282, 336n40, 434, 459, 460, 558, 559
- Philippines 243, 244, 415n14, 469, 472, 480, 481
- philology 25, 91, 97, 137, 196, 197, 200, 208, 209, 332n4, 562, 574
- phonation 47–53, 55, 58, 294, 298

- phoneme 7, 9, 12, 15, 17, 18, 20, 21, 32, 36, 185, 258, 259, 269, 344, 449, 450, 451, 543, 556, 557, 568, 569
see also phonemicization
 marginal phoneme 568
 quasi-phoneme 568
 secondary phoneme 568, 633n32
- phonemicization 296
- phonetic analogy 38n2, 346–349, 352
see also analogy
- phonetic change 9, 12, 20, 38n8, 190, 216, 223, 293, 318, 543
see also sound change
- phonetic erosion 316
- phonetic reduction 34, 36, 188, 190, 317, 318
- phonetic cues 31, 56, 297, 609
- phonetic precursor 293, 295, 304, 350
- phonological change 1, 2, 15, 223, 353, 423, 449, 560, 561, 578, 623
see also sound change
- phonologization 2, 293, 295, 296
- phonological contrast and contrastive *vs* non-contrastive elements 12, 14, 18, 39n24, 42, 45, 48, 51–55, 58n2, 60, 205–206, 209, 211n27, 211n34, 259, 294, 295, 299, 302, 305, 307, 312, 350, 355, 450–451, 568, 609, 639
see also contrastive *vs* non-contrastive distribution
- phonological process 561, 562
- phonologization *see* phonological change
- phonology 2, 3, 4, 7, 8, 13, 20, 21, 31, 33, 36, 39n30, 68, 84n51, 129, 174n1, 185, 189, 197, 235, 236, 237, 255, 257, 258, 259, 270, 295, 343, 344, 349, 353n5, 385, 432, 450, 452, 458, 524, 532, 541, 542, 554, 557, 565, 567, 581, 583, 623, 633n32
- phonotactics 35, 306, 347, 348, 352
 phonotactic probability 307
- phrase- and sentence-straddling strings (e.g., in online searches) 552
- phylogenetic methods 3, 145, 146, 148, 149, 151, 153, 157, 160, 162, 173
see also Bayesian phylogenetics
- physical-education [P.E.] teacher register 589
- pidgin 397–407 *passim*, 412, 414n8,9, 415n10, 416n17,18, 452, 491n2
see also creolization and in *Language Index* American Indian Pidgin English; Cameroon Pidgin English; Chinese Pidgin English; Guinea Coast Pidgin Portuguese; Hawai'ian Pidgin English; Nigerian Pidgin English; West African Pidgin English
- Pied-piping 398, 409
- pivot 75, 389
 pivot-matching 387
- pluperfect 80n23, 525, 556, 607–611
- plural in borrowing 72, 82n32, 630n18
- pluralia tantum* (inherent plurals) 586
- plurals in change 76, 78n8,B,10, 79n12,13, 80n21, 83n43, 221, 260, 431, 432, 455, 583–586
- Pluto (ex-planet) 587
- pointing 108, 440, 502
see also deixis
- polysemy 387, 426, 432, 454, 612
- polysyllabism 591
see also urbanopolysyllabicity
- population structure 396, 399, 410, 411
- Port Royal (Jamaica), 1692 earthquake and tsunami in 537
- possession 151, 152, 155, 188, 189, 261, 266, 269, 329, 331, 335n33, 367, 368, 382, 389, 402, 460, 577
- post-alveolarization (as a subtype of palatalization) *see* sound change
- post-human(s) with post-language (possibly non-humans with non-language) 622, 623, 624
- post-lexical process 16, 17, 18, 19, 22, 35, 37
- posterior probability distribution 229–233, 243, 245
- postposition 65, 66, 69, 79n19, 81n30, 260, 416n18, 607
see also preposition
- post-/pre-verbal contraction 411, 435, 436, 556
- pragmatic enrichment 317
- pragmatic markers 317

- Pražský lingvistický kroužek* ('Linguistic Circle of Prague') 557
- pre-adaptations 511
- prediction 4, 76, 95, 103–105, 133, 220, 333n9, 363, 383, 489, 523–525, 547–624 *passim*
types of: whole-cloth *vs* cut-cloth *vs* no-cloth 558–563
- Predictor's Peril 558, 564, 565
see also Observer's Paradox
- prefix *see* affix
- preglottalization *see* sound change
- prehistory 196, 197, 200, 203, 204, 205, 207, 208, 209, 210n13
human prehistory 227, 237, 469, 472, 490
- preposition 66, 80n22, 108, 135, 189, 331, 333n15, 404, 533, 542, 592, 593, 594, 595, 596, 600, 607, 613, 633n32
see also postposition
- all-purpose 611, 612, 614
- compound 613
- prepositional phrase (PP) 598
- stranding 407, 409
- prescriptivism 218, 222, 223, 552, 558, 564, 565, 580, 582, 596, 602, 609, 610, 611
crusadatory prescriptivists 604
- phenomena targeted by elementary- and/or secondary-school English-teachers 600
- prestige 13, 16, 19, 22, 23, 24, 26, 27, 30, 32, 130, 132, 383, 390, 410, 483, 488, 502, 587, 590, 592, 595, 597
- prestigism(s) *see* urbanopolysyllabicity
- preterite 16, 205
see also past tense; pluperfect
of English strong verbs 215, 218–220, 581
see also past tense
- primary linguistic data (PLD) 158, 360, 361, 364
- primate 500, 501, 502, 505, 506
- "primitive language(s)" 624
- Principles and Parameters 358, 364
- prior probability 229
- pro 93, 94, 97, 99, 110, 111, 112, 113, 114
see also pro-drop
- pro-drop 88, 90, 92, 93, 95, 96, 98, 116, 361, 364, 365
see also asymmetry; non-null subject language; null-subject language ; partial null-subject language
as a parameter 358, 364
- probability problem 146, 147, 148, 149, 151, 162
- production (of speech or sign units) 30, 31, 48, 51, 294, 295, 296, 298–308, 344, 345, 348, 350, 351, 352, 385, 424, 433, 506, 508, 511, 622
- production (of language)
by adults 319, 379, 384, 512
by children 359, 360, 361, 362, 364, 366, 370
- productivity 10, 12, 13, 14, 16, 17, 19, 20, 23, 26, 28, 30, 33, 34, 35, 36, 37, 64, 65, 70, 81n29, 82n35, 261, 262, 263, 264, 265, 266, 267, 285, 362, 365, 395, 435, 436, 437, 456, 459
- progressive 558, 559
see also aspect
- progressive alignment 325
- pronoun 64, 66, 80n22, G, H 81n24, 89–113 *passim*, 116n12, 13, 117n17, 18, 20, 118n22, 192n5, 328, 331, 364, 365, 385, 409, 452, 455, 456, 459, 460, 590, 607
see also pro-drop
- protolanguage 9, 146, 407, 409, 410, 477, 486, 492n13, 506
see also in Language Index Proto-Chamic; Proto-Germanic; Proto-Indo-European; Proto-Malayo-Polynesian; Proto-Oceanic; Proto-Eastern Oceanic; Proto-Western Oceanic; Proto-Polynesian
- proverbs 90, 607
see also code-switching
- proximity 192, 318, 324
- psycholinguistics 1, 2, 30, 315, 343, 351, 357, 548, 583
- punctuated equilibrium 526
- purism 564, 580, 587, 596
see also prescriptivism
- push chain *see* sound change, chain shift

- qualitative exemplarist(s) *vs* quantitative
 variationist(s) 544, 545, 568,
 610, 618
 quantifier 155, 222, 368, 560, 562, 603
 quantifying and qualifying negative
 grammatical functions 438
 quantitative analysis 538
 quotations as code-switching-like *see*
 code-switching
 quotative *be like* 272, 281, 282, 283, 287
 quotative evidential 461
- rapid rise of synthetic morphology 434
 rat(s) 486
 ratchet effect 505
 'r-atic (pertaining to any *r*-sound(s)) 566
 re-creolization *see* creolization
 real time 25, 425, 438, 523, 531, 536, 537
 reallocation (dialectal) *see* dialect
 reanalysis 20, 70, 73, 82*v*32, 283, 317, 322,
 327, 332*n*3, 334*n*24, 360, 388, 426,
 427, 428, 429, 432, 433, 455, 578
 Recency Illusion 594, 628*n*11, 629*n*15,
 587, 598, 607
 vs Kindergarten Parent's Onomastic
 Wakening (KPOW) and
 Speculation about Hidden-Valley
 Origins (SHVO) 594
 reconstruction 65, 79*n*14,15, 146, 148,
 150, 173, 174*n*2, 180, 185, 186, 191,
 192, 425, 427, 473, 481, 527, 568
 comparative reconstruction 9,
 235, 257
 internal reconstruction 1, 2, 196, 209,
 257, 261
 lexical reconstruction 469, 484–490
 other types: Partial Anterior
 Reconstruction (PAR) *vs* Total
 Anterior Reconstruction
 (TAR) 523, 530–535
 phylogenetic reconstruction 173
 reduction 3, 8, 12, 13, 18, 22, 34, 36, 37,
 70, 76, 81*n*30, 83*n*50, 128, 131,
 188, 190, 267, 269, 301, 302, 317,
 318, 320, 334*n*16, 348, 352, 358,
 367, 377, 380, 381, 386, 398, 411,
 426, 428–439, 447, 448, 457, 460,
 464*n*7, 480, 509, 525, 581, 607
 redundancy 68, 75, 158, 596
- Department of Redundancy
 Department 604
 regionalism (form or practice) 612
 register (pertaining to tone) 47, 48, 49,
 51, 53, 54, 55, 58
 register (pertaining either to style or to
 forms of language keyed to
 specific functions and/or
 settings) 272, 273, 427, 433, 438,
 452, 589, 605
 register complex 48
 register systems 47, 48, 49, 51, 58
 registrogenesis 48
 regularity *see* sound change
 regularization of allomorphs *see* analogy
 reinterpretation 17, 31, 65, 67, 69, 73, 74,
 113, 455, 586
 relational map/pattern 323, 324, 325,
 326, 330
 relative chronology 200, 210*n*9, 228
 relative clause 186, 187
 appositive (*a.k.a* non-restrictive) 615
 Relaxed Clock 228, 230, 231
 relexicalization 65
 relexification 405, 416
 renewal 66, 67, 320
 replicability 320, 375
 reported evidential *see* evidentiality
 reported speech 89, 461, 558
 researchers hunting for examples *vs*
 feeling hunted by them 596
 resegmentation 70
 resultative (= perfective-stative verb
 form) 268, 269
 retention rate 227
 retraction (e.g., of /s/) *see* sound change
 retroflexion (and (lesser) retraction) *see*
 sound change
 retroflex(oid) 297, 303, 449, 450,
 567, 568
 rhinoglottophilia *see* sound change
 rhotacism/rhotacization *see* sound
 change
 rhotic 238, 408, 449, 450, 576, 633
 rice 398, 474, 488
 ritualization 320, 501, 503, 513
 Roman gladiators, a 52 AD/CE
 utterance by 624, 633*n*33
 root crops 487

- royal dynasties of England (Plantagenet
vs Tudor vs Stuart) 286, 538, 540
- rule hierarchy 366
- rule re-ordering 74, 78n8, 322
- rule simplification 322
- salience 68, 325, 345, 349, 350, 524, 572
- salinology 542
- schemas/schemata 150, 153, 315, 326,
359, 508
- science fiction 607, 609, 621
- scope reduction 334n15
- scriptio plena* 202
- second language acquisition *see* L2
acquisition
- segmental phonology 70, 300, 347, 349,
350, 352, 385, 449, 626n1
- selection 73, 76, 82, 132, 146, 150, 274,
300, 307, 345, 377–381, 383–387,
395, 405–408, 412, 413n1
natural selection 501, 509–514,
526, 540
- selective preservation of morphological
information (in ASL) 431
- selective reduction 431, 432
- semantic change 1, 2, 67, 70, 71,
223, 234, 274, 314, 329, 428,
461, 484
generalizing of a sign's meaning (in
ASL) 428
- semantic transparency (as a kind of
iconicity) 428, 433, 441
- semi-modal 329
see also auxiliary; modal
- semi-speaker 19, 447, 449, 453, 455, 456,
457, 458, 461, 462
- (semi-)vocalization of /l/ (via
[ɫ]-vocalization) 557
- semiosis 508
- Semiotic Principle 73, 75, 83n37, 314,
318, 321
- sensorimotor interface 622
- sequential order 319
- serial verb constructions 459, 460
- shape as a parameter in classifiers 456
- shared innovation 158, 490
- shared intentionality 502, 503, 511
- shift *see* chain shift; Germanic
Consonant Shift; Great
Complement Shift; language
shift; stress shift; vowel shift
- sibilant harmony 300
- sign centralization 426, 432
- sign languages 2, 423–442, 491n2, 507
- signs, auditory/visual 73, 318, 319, 321,
322, 324, 336n40, 424–442 *passim*
cuneiform signs 198, 199, 205, 206, 210
- similarity 82, 136, 147, 165, 173, 189,
192, 227, 243, 300, 303, 318, 319,
321, 323–326, 334n21, 335n28, 344,
347, 429, 435, 472
see also analogy
fallacy of similarity 191
- simplification 12, 17, 140n3, 191, 209, 306,
322, 333n7, 358, 367, 398, 406, 455,
458, 460
- simplified spelling in Hittite 208
- simultaneous non-manual features 434
- single coalesced sign 440
- slang 81nJ, 589
- SLI *see* Specific Language Impairment
- social media 281, 544, 552, 594, 598, 610
- social structure 480, 537
- social tolerance 503, 506, 512
- socio-technological vs -linguistic reasons
for change 592
- sociolinguistic methods 375, 538
elicitation 260, 269, 538, 549
interview 538, 544, 548, 564, 565,
629n15
- sociolinguistics 8, 29, 138, 214, 293,
628n9
see also variationist sociolinguistics
- Solomon Islands 404, 469, 478, 480, 485
- song(s) 90, 501, 506, 507, 508
massive presence of song names and
texts online 552, 603
non-coincidence of lexical stresses
with musical accents (e.g., in
Spanish) 570
status of song texts as linguistic
evidence 552, 570, 571, 593, 625
- sound change
see also phonetic change; phonological
change; rule re-ordering; rule
simplification; tone change
- affrication 128, 207, 208, 209, 211n36
see also assibilation; deaffrication

- apocope 13, 205, 208
 assibilation 348, 556, 569, 570
 assimilation 9, 12, 35, 187, 301, 348, 352, 433, 510, 567, 581
 see also dissimilation
 distant 9, 567
 chain shift 8, 12, 14, 15, 22, 409, 570, 574, 578
 deaffrication 546, 556, 563, 570, 571
 devoicing 23, 48, 55, 209
 diphthongization 11, 12, 13, 23, 27, 49, 51, 127, 218
 dissimilation 9, 31, 210, 297, 302, 560, 573
 see also assimilation
 flapping (*a.k.a.* tapping) of /t/ 16, 34, 347, 348, 569
 glide deletion 348, 451
 glottalization 38, 52, 54, 568, 569
 Grassmann's Law 8, 297
 Great Vowel Shift 214, 346, 347
 Grimm's Law 8, 409
 laryngealization 297, 451, 569
 merger 12, 20, 22, 24, 28, 32, 128, 259, 297, 350, 449, 451, 455, 462, 476, 556, 557, 573, 575, 576, 609
 metathesis 9, 31, 76, 297, 302, 560
 neutralization (of consonantal and/or vocalic distinctions) 175n14, 283, 454, 608, 609
 palatalization 27, 35, 69, 296, 303, 452, 556, 578, 632, 633
 (palato-)alveolarization (as a subtype of palatalization) 556
 post-alveolarization (as a subtype of palatalization) 631
 preglottalization 54, 568
 see also glottalization
 regular (*a.k.a.* mechanical) sound-change 9, 11, 12, 22, 38n6, 63, 76, 191, 351, 484, 559, 560
 regularity (e.g., as definitional *vs* empirically established) 560
 retraction 303, 569
 retroflexion/retroflex(ion) 297, 303, 408, 416n23, 449, 450, 566, 567, 568, 569
 rhinoglottophilia 569
 rhotacism/rhotacization 10, 18, 259, 353n4
 (semi-)vocalization of /l/ (via [ɫ]-vocalization) 557, 572
 sound law(s) 9, 11, 15, 26, 34, 146, 147, 234, 560
 umlaut 18, 22, 34, 39, 65, 69, 70, 79, 81, 321, 574, 576, 577, 578
 vowel centralization 49, 577
 see also sign centralization
 vowel fronting 23, 24, 50, 51, 69, 70, 217, 218, 349, 351, 557, 574, 575, 576, 577, 578
 /ow/-fronting 349, 351, 578
 /uw/-fronting 349, 575, 578
 vowel laxing 609
 vowel raising 214
 /a/-raising 299, 577
 /æ/-raising 35, 577, 581, 633n30
 Canadian Raising 129
 vowel reduction 13, 348
 vowel tensing 35, 298, 557, 577
 vowel unrounding (e.g., of FOOT (Middle English short /u/)) 216, 217, 218, 347, 524, 555, 557, 574, 575, 576, 578
 weak hand drop (sign-language-phonological process) 430
 sound law(s) *see* sound change; regular (sound change)
 sound shift *see* shift
 sound symbolism 318
 speaker innovation *vs* linguistic change 304, 376, 390, 553
 Spec CP 97
 speciation 395, 397, 399, 407, 408, 412, 413, 594
 species 139, 150, 396, 408, 410, 413n1, 489, 500, 501, 502, 504, 506, 507, 508, 511, 513, 526, 541, 544, 550, 621
 Specific Language Impairment (SLI) 526
 specific phonological processes as ...
 hijackers of (or stowaways on) general processes 577
 specifier 92, 109, 111
 see also Spec CP
 speech (perception/production) errors 298, 300, 307, 362, 363, 367, 368
 speech islands 127

- speech planning 300
speech production (system) *see*
 sensorimotor interface; speech
 errors
speed of change 223, 237, 426, 464
spoken language 4, 88, 89, 92, 98, 103,
 112, 114, 223, 275, 276, 281, 282,
 423, 426, 434, 436, 439, 549, 626n1
spreading
 phonation 57, 566
 tone 57, 58
stages of linguistic change: incipient *vs*
 new and vigorous *vs* mid-range
 vs nearing completion *vs*
 completed 23, 272, 286, 287, 299,
 404, 510, 553
standardization 116, 320
 see also prescriptivism; prestige
stigma, social 23, 605
Stochastic Dollo 230, 231, 245
Stofnun Árna Magnússonar í íslenskum
 fræðum 'Árni Magnússon Institute
 for Icelandic Studies' 565
stop voicing 298, 302
stress shift 346, 347, 351
strict clock (model) 228, 231
strong verb *see* preterite
Structuralism 14, 15
 post-Boasian post-Bloomfieldian
 American Structuralism 557
structure-mapping 323
"students at a large Midwestern
 university" (as experimental
 subjects) 539
style 7, 17, 19, 23, 24, 36, 37, 38n14, 88,
 89, 101, 103, 107, 110, 112, 113,
 114, 320, 350, 381, 466, 568, 591,
 595, 628n10, 629n15, 631n23
 adopting nonlinguistic styles 503
 style(s) as formal *vs* informal data-
 sources 538, 544, 579, 590
subgrouping 211n22, 226, 228, 231, 236,
 242, 243, 244, 246, 474, 542
subject
 expletive 97
 see also non-null subject language
 null *see* pro-drop
 obligatory *see* non-null subject
 language
subject pronoun 89, 91, 97, 100, 101, 106,
 108, 116n12,13, 117n17,20, 118n221
 see also pro-drop
subjectification 317
subjunctive relics (in English) 215, 610
sublimation trajectory 320
subordinate clause 91, 102, 104, 598
 see also embedded clause
substrate 13, 66, 257, 270, 397, 398, 404,
 405, 406, 407, 409, 410, 413n3,
 416n22, 417n27
Successive Contemporary Quantification
 (SCQ) of a linguistic variety 531,
 532, 535
suffix *see* affix
super/extra-high tone 55, 57
super/extra-low creaky tone 55, 57
superlative(s) 385, 601, 602, 603
 see also comparative(s)
superstrate 397, 401
suppletion 344, 452, 590, 602, 606,
 629n12
Swadesh list 147, 150, 227, 229, 233, 235,
 236, 425, 469
symbol(ic sign) 318, 442, 502, 509
symbolicity 500, 508, 513
symbols for change as replacement
 effected via rising *vs* falling
 frequencies: $y \nearrow x$ (like $x > y$)
 and $x \searrow y$ (like $y < x$) 523, 554,
 581, 597, 631n19
symmetry 14, 324, 435
 see also asymmetry
 symmetry in tools 508
synchrony 15, 21, 139, 185, 191
syncretism 63, 368, 370
syntactic change 1, 2, 76, 112, 116,
 449, 452
syntactic parameters *see* Parametric
 Syntax
syntagmatic forces (e.g., *vs* paradigmatic)
 323, 324, 325, 326, 327, 328
synthetic structures *see* analytic
 structures
system-mapping 323, 151, 216, 223, 322
taboo words and change 13, 29, 381, 582
tabula rasa situation 130, 131, 132, 133,
 134, 135, 136

- Taiwan 242, 243, 247, 455, 460, 467, 469, 471, 474, 475, 478, 480, 488
- taxonomic matters 146, 147, 148, 149, 153, 160, 169, 170, 489, 533
- technohuman(s) / techno(s) *see also* transhuman(s) 623
- teleology 12, 38n4, 582
- telepathy (as discussed by Chomsky) 622
- telescoping (of phonetic processes) 409
- templatic morphology 260, 261
- tense (temporal) 67, 80n23, 83n39, 93, 203, 215, 219, 220, 223, 267, 274, 277, 282, 286, 287, 328, 330, 346, 352, 359, 379, 385, 406, 411, 457, 525, 556, 558, 581, 582, 607, 608, 609, 610, 611
- TP (Tense Phrase) 116n6, 322
- tense (the phonetic feature) 13, 23, 35, 54, 205, 208, 294, 557, 578, 580
- tense voice 50, 51, 57
see also tone change
- that*-clauses 329, 335n36
- Thessalians 617, 619
- three-stage model (of dialect formation) 131, 132, 133, 136
- time, apparent (but) rigid (ART) *vs* expired real time (ERT) *vs* ongoing real time (ORT) 523, 536, 537
- tone 13, 186, 256, 258, 259, 260, 270n1, 294, 295, 296, 302
see also contrastive/non-contrastive tones
- tone change 47, 57, 58, 451
- tone split 296
- tone spreading 56, 57
- tonogenesis 47–58 *passim*, 293, 295, 299
- tool-making 501, 508, 509, 511, 512, , 514n3
- tool manufacture traditions 513
- Acheulean 508, 509, 513
- Mousterian 508, 513
- Oldowan 508, 513
- Topic Phrase 109
- topic 94, 101, 105, 108, 110, 112, 117n21, 363, 438, 454, 455
- topic (of conversation) 381
- topicalization 97, 329, 336
- TP (Tense Phrase) *see* tense (temporal)
- transhuman(s) (i.e., metahuman(s), some with post-biological intelligence) 621, 622
- transimpersonal 262
- transparency 35, 300, 428, 433, 441
see also opacity
- transparency principle 322
- tree-diagrams, biological *vs* historical-linguistic 197, 527
- single parenthood *vs* multiple parenthood (e.g., “double motherhood”) 527
- trill 299, 418, 449, 450
- type specimen(s) 528
- typological regions 480
- typology 3, 7, 8, 12, 25, 36, 37, 154, 165, 166, 183–193 *passim*, 254, 255, 256, 257, 259, 261, 301, 398, 405, 407, 424, 440, 449, 455, 457, 461, 463, 468, 480, 481, 567, 570, 577
- überbiota 623, 624
- ultralocality problem 146, 169
- umlaut *see* sound change
- unidirectionality 79n10, 80n20, 317, 389, 434
- uniformitarianism 25, 88, 114, 115, 192n3, 215, 224, 295, 303, 306, 395, 396, 526, 534, 539, 548, 549, 617, 620, 627n6
see also disparitarianism
- Universal Consistency of Reconstruction 184
- universals 150, 183, 184, 185, 186, 192, 246, 375, 509
- absolute universals 184, 185, 186, 193
- Universal Grammar 149, 158, 183, 186, 254, 358, 406, 407, 526
- universality 145, 150, 151, 184
- unmarking 128, 130, 140n6
- UPGMA algorithm (the unweighted pair-group method with arithmetic mean) 160, 161, 165, 170, 176n27, 177n29
- uplifter consonants 57
see also tone change
- Upside-Down Phonology 542

- urbanization 127, 133
urbanopolysyllabicity 525
 vs prestige *vs* genteelism *vs*
 fancyism
 555, 587, 597
usage-based model 33, 34, 35, 36, 287,
 315, 328, 332n4, 343, 344, 376
uvular consonant 38n6, 416, 449
- V2 parameter 358
 see also verb-second (V2)
Vanuatu 244, 469, 471, 485, 492n10
variation 7, 11, 15, 16, 17, 19, 20, 21, 22,
 23, 25, 30, 31, 34, 35, 36, 38n17, 55,
 58, 66, 74, 80, 83, 89, 113, 114, 115,
 116n4, 128, 134, 154, 165, 200, 214,
 227, 228, 229, 238, 243, 277, 286,
 287, 295, 296, 302, 303, 304, 305,
 306, 317, 332n3, 343, 344, 349,
 353n4, 360, 361, 362, 363, 364, 366,
 367, 396, 398, 406, 409, 410, 412,
 416n25, 424, 427, 428, 430, 433,
 434, 438, 439, 448, 449, 450, 452,
 453, 456, 460, 461, 462, 463, 464,
 473, 480, 504, 505, 507, 513, 529,
 536, 538, 540, 546, 549, 550, 602,
 611, 618, 633n33
variationist sociolinguistics 2, 3, 23,
 112, 214, 220, 293, 375, 409, 538,
 568, 627n3
 see also sociolinguistics
verb
 bridge 94, 95, 99, 103, 108
 complementation 272, 277, 282,
 285, 286
 impersonal 90, 110, 330, 331
verb-first (V1) clause 95, 97
verb-second (V2) 91, 92, 94, 97, 98, 103,
 105, 108, 110, 111, 112, 114, 116n10,
 358, 360, 361, 362, 363, 364, 365,
 366, 367, 459, 565, 629n15
 loss of V2 94, 95, 317
verb-third (V3) clause 101, 102,
 103, 104
vernacular shift 397
visual evidential *see* evidentiality
visual-spatial iconicity 424
- vitality, language 410, 413
vocal fry 53, 54, 58, 569
 see also creaky voice
vocal learning 506, 507, 511
voice onset time (VOT) 302, 304,
 305, 306
voice quality 47–52, 55–58
 voice quality spreading 56
vowel centralization *see* sound change
vowel fronting *see* sound change
vowel laxing *see* sound change
vowel raising *see* sound change
vowel reduction *see* sound change
vowel shift
 Dublin Vowel Shift 345, 350
 Great Vowel Shift 214, 346, 347
 Northern Cities Shift 29, 35
vowel tensing *see* sound change
vowel unrounding *see* sound change
Vulgate (*Biblia Vulgata*) 89, 100, 101,
 118n22
- Wallace Line 476, 477, 493
Watkins' Law 76
weak hand drop (sign-language-
 phonological process) *see* sound
 change
WH element 92, 94, 110, 329, 359, 362,
 366, 367
Whittier (California) 525, 556, 614,
 616, 617
woodge (i.e., /ʊ/ rounded from former
 wedge /ʌ/ before [t]) 573, 574
word order 76, 89, 91, 94, 101, 114, 190,
 328, 329, 333, 335n33, 358, 359,
 362, 366, 367, 370, 416n18, 437
 see also constituent order; verb-second
OV 358, 359, 362, 364
SOV 329
SVO 329, 331
SVX 105, 111
VO 358, 359, 362, 364
- Xylosseum (thought-experimental all-
 wood amphitheater) 549, 558
- YouTube 570, 625