

# Li8: Intermediate morphology

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## Textbooks

- Blevins, J. P. (2016), *Word and Paradigm Morphology*, Oxford University Press, Oxford.
- Haspelmath, M., and A. Sims (2010), *Understanding Morphology*, 2nd ed., Arnold, London.
- Matthews, P. H. (1991), *Morphology*, Cambridge University Press, Cambridge.

## Lecture readings

- Bickel, B., and J. Nichols (2007), Inflectional morphology, in *Language Typology and Syntactic Description*, vol. Volume 3. Grammatical Categories and the Lexicon, edited by T. Shopen, 2nd ed., pp. 169–240, Cambridge University Press.
- Aikhenvald, A. Y. (2007), Typological distinctions in word-formation, in *Language Typology and Syntactic Description*, vol. Volume 3. Grammatical Categories and the Lexicon, edited by T. Shopen, 2nd ed., pp. 1–65, Cambridge University Press.
- Hjelmslev, L. (1948), Structural analysis of language, in *Essais linguistiques*, pp. 27–35, Nordisk Sprog- og Kulturforlag.
- Hankamer, J. (1989), Morphological parsing and the lexicon, in *Lexical Representation and Processes*, edited by W. D. Marslen-Wilson, MIT Press, Cambridge, MA.
- Maiden, M. (2005), Morphological autonomy and diachrony, in *Yearbook of Morphology 2004*, edited by G. Booij and J. van Marle, pp. 137–175, Springer, Dordrecht.
- Kemps, J. J. K., Rachèl, M. Ernestus, R. Schreuder, and R. H. Baayen (2005), Prosodic cues for morphological complexity: The case of Dutch plural nouns, *Memory & Cognition*, 33(3), 430–446.

- Ackerman, F., J. P. Blevins, and R. Malouf (2009), Parts and wholes: Implicative patterns in inflectional paradigms, in *Analogy in Grammar: Form and Acquisition*, edited by J. P. Blevins and J. Blevins, chap. 3, pp. 54–81, Oxford University Press.
- Blevins, J. P., P. Milin, and M. Ramscar (2017), The Zipfian Paradigm Cell Filling Problem, in *Perspectives on Morphological Structure: Data and Analyses*, edited by F. Kiefer, J. P. Blevins, and H. Bartos, Brill, Leiden.
- Halle, M., and A. Marantz (1993), Distributed Morphology and the pieces of inflection, in *The view from Building 20*, edited by K. Hale and S. J. Keyser, pp. 111–176, MIT Press, Cambridge, MA.
- Booij, G. (1993), Against split morphology, in *Yearbook of Morphology 1993*, edited by G. Booij and J. van Marle, pp. 27–49, Kluwer, Dordrecht.
- Clahsen, H. (1999), Lexical entries and rules of language: A multidisciplinary study of German inflection, *Behavioral and Brain Sciences*, 22, 991–1013.
- Baayen, R. H., R. Lieber, and R. Schreuder (1997), The morphological complexity of simple nouns, *Linguistics*, 35, 861–877.
- Baayen, R. H., P. Milin, D. Filipović Đurđević, P. Hendrix, and M. Marelli (2011), An amorphous model for morphological processing in visual comprehension based on naive discriminative learning, *Psychological Review*, 118, 438–481.
- Ramscar, M., M. Dye, and S. M. McCauley (2013), Error and expectation in language learning: The curious absence of *mouses* in adult speech, *Language*, 89(4), 760–793.

### Supervision readings

- Hale, K. (1968), Review of Hohepa (1967), *Journal of the Polynesian Society*, 77(1), 83–99.
- McCarthy, J. J. (1981), The role of the evaluation metric in the acquisition of phonology, in *The Logical Problem of Language Acquisition*, edited by B. C. L. and J. J. McCarthy, pp. 218–248, MIT Press.
- Sanders, G. (1990), On the analysis and implications of Maori verb alternations, *Lingua*, 80, 149–149.
- Pike, K. L. (1963), Theoretical implications of matrix permutation in Fore (New Guinea), *Anthropological Linguistics*, 5(8), 1–23.

- Manning, C. D. (1998), The segmentation problem in morphological learning, in *Workshop on Paradigms and Grounding in Language Learning*, edited by D. M. W. Powers, ACL.
- Inkelas, S. (1993), Nimboran position class morphology, *Natural Language and Linguistic Theory*, 11, 529–624.
- Luís, A., and A. Spencer (2005), A paradigm function account of ‘mesoclisis’ in European Portuguese, in *Yearbook of Morphology 2004*, edited by G. Booij and J. van Marle, pp. 177–228, Springer, Dordrecht.
- Nordlinger, R. (2010), Transitivity in murrinh-patha, *Morphology*, 20, 321–341.
- Comrie, B., and M. Polinsky (1998), The great Daghestanian case hoax, in *Case, Typology and Grammar*, edited by A. Siewierska and J. J. Song, pp. 95–114, Benjamins.
- Kibrik, A. E. (1998), Archi, in *Handbook of Morphology*, edited by A. Spencer and A. M. Zwicky, pp. 455–476, Blackwell, Oxford.
- Embick, D., and M. Halle (Amsterdam), On the status of stems in morphological theory, in *Romance Languages and Linguistic Theory 2003*, edited by T. Geerts, I. van Ginneken, and H. Jacobs, Benjamins
- Aronoff, M. (2012), Morphological stems: What William of Ockham really said, *Word Structure*, 5, 28–51.
- Hale, K. (1973), eep-surface canonical disparities in relation to analysis and change: An Australian example, *Current Trends in Linguistic*, 11, 401–458.
- Wilkinson, K. (1988), Prosodic structure and Lardil phonology, *Linguistic Inquiry*, 19(2), 325–334.
- Round, E. (2011), Word final phonology in Lardil: Implications of an expanded data set, *Australian Journal of Linguistics*, 31(3), 327–350.

## **Supplementary readings, organized by type and topic**

### **Handbooks/Anthologies**

- Joos, M. (Ed.) (1957), *Readings in Linguistics I*, University of Chicago Press, Chicago;
- Hamp, E., F. W. Householder, and R. Austerlitz (Eds.) (1966), *Readings in Linguistics II*, University of Chicago Press, Chicago;

- Blevins, J. P., and J. Blevins (Eds.) (2009), *Analogy in Grammar: Form and Acquisition*, Oxford University Press, Oxford.
- Spencer, A. J., and A. M. Zwicky (Eds.) (1998), *Handbook of Morphology*, Blackwell, Oxford.
- Spencer, A. J., and A. Malchukov (Eds.) (2008), *The Oxford Handbook of Case*, Oxford University Press, Oxford.
- Lieber, R., and P. Štekauer (Eds.) (2014), *The Oxford Handbook of Derivational Morphology*, 118–135 pp., Oxford University Press.
- Baerman, M. (Ed.) (2015), *The Oxford Handbook of Inflection*, Oxford University Press, Oxford.
- Stump, G. T., and A. Hippisley (Eds.) (2015), *The Cambridge Handbook of Morphology*, Cambridge University Press.

### **Monographs**

- Matthews, P. H. (1972), *Inflectional Morphology: A Theoretical Study based on Aspects of Latin Verb Conjugation*, Cambridge University Press, Cambridge.
- Bybee, J. L. (1985), *Morphology: A Study of the Relation between Meaning and Form*, John Benjamins, Amsterdam.
- Anderson, S. R. (1992), *A-Morphous Morphology*, Cambridge University Press, Cambridge.
- Carstairs-McCarthy, A. (1992), *Current morphology*, Routledge, London.
- Lieber, R. (1992), *Deconstructing Morphology*, University of Chicago Press, Chicago.
- Bochner, H. (1993), *Simplicity in Generative Morphology*, Mouton de Gruyter, New York.
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- Stump, G. T. (2001), *Inflectional Morphology: A Theory of Paradigm Structure*, Cambridge University Press, Cambridge.
- Ackerman, F., and I. Nikolaeva (2010), *Descriptive Typology and Grammatical Theory*, CSLI, Stanford.
- Sims, A. D. (2015), *Inflectional defectiveness*, Cambridge University Press, Cambridge.

### **Duality of morphological patterning**

Harris, Z. S. (1942), Morpheme alternants in linguistic analysis, *Language*, 18, 169–180, reprinted in *Joos* (1957), 109–115.

Hockett, C. F. (1954), Two models of grammatical description, *Word*, 10, 210–231, reprinted in *Joos* (1957), 386–399.

### **The structure and interpretation of linguistic units and boundaries**

Bloomfield, L. (1914), Sentence and word, *Transactions of the American Philological Society*, 45, 65–75, reprinted in *Hockett* (1970), 38–46.

Schiering, R., B. Bickel, and K. A. Hildebrandt (2010), The prosodic word is not universal, but emergent, *Journal of Linguistics*, 46, 657–709.

Haspelmath, M. (2011), The indeterminacy of word segmentation and the nature of morphology and syntax, *Folia Linguistica*, 45(1), 31–80.

Geertzen, J., J. P. Blevins, and P. Milin (2016), The informativeness of linguistic unit boundaries, *Italian Journal of Linguistics*, 28(2), 1–24.

Baayen, R. H., C. Shaoul, J. Willits, and M. Ramscar (2016b), Comprehension without segmentation: A proof of concept with naive discrimination learning, *Language, Cognition, and Neuroscience*, 32(1), 106–128.

### **Distributional structure, analysis and knowledge**

Shannon, C. E. (1951), Prediction and entropy of printed English, *Bell System Technical Journal*, 30(1), 50–64.

Bybee, J. L., and P. J. Hopper (2001), Introduction to frequency and the emergence of linguistic structure, in *Frequency and the Emergence of Linguistic Structure*, edited by J. L. Bybee and P. J. Hopper, Typological Studies in Languages, 45, Benjamins, Amsterdam.

McDonald, S. A., and R. C. Schillcock (2001), Rethinking the word frequency effect: The neglected role of distributional information in lexical processing, *Language and Speech*, 44, 295–323.

Adelman, J. S., and G. D. A. Brown (2008), Modeling lexical decision: The form of frequency and diversity effects, *Psychological Review*, 115(1), 214–229.

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Zipf, G. K. (1935), *The Psychobiology of Language: An Introduction to Dynamic Philology*, MIT Press, Cambridge, MA.

Zipf, G. K. (1949), *Human Behavior and the Principle of Least Effort*, Addison-Wesley, Cambridge, MA.

### **Paradigmatic structures in inflection**

Ackerman, F., and R. Malouf (2013), Morphological organization: The Low Conditional Entropy Conjecture, *Language*, 89, 429–464.

Milin, P., V. Kuperman, A. Kostić, and R. H. Baayen (2009b), Words and paradigms bit by bit: An information-theoretic approach to the processing of inflection and derivation, in *Analogy in Grammar: Form and Acquisition*, edited by J. P. Blevins and J. Blevins, pp. 214–253, Oxford University Press, Oxford.

Milin, P., D. Filipović Đurđević, and F. Moscoso del Prado Martín (2009a), The simultaneous effects of inflectional paradigms and classes on lexical recognition: Evidence from Serbian, *Journal of Memory and Language*, 60, 50–64.

### **Derivational families and the ‘mental lexicon’**

Jong, N. H. d., R. Schreuder, and R. H. Baayen (2000), The morphological family size effect and morphology, *Language and Cognitive Processes*, 15, 329–365.

Krott, A., R. Schreuder, and R. H. Baayen (2001), Analogy in morphology: modeling the choice of linking morphemes in Dutch, *Linguistics*, 1, 51–93.

Moscoso del Prado Martín, F., A. Kostić, and R. H. Baayen (2004), Putting the bits together: An information-theoretical perspective on morphological processing, *Cognition*, 94, 1–18.

Ramscar, M., and M. Dye (2010), Learning language from the input: Why innate constraints can’t explain noun compounding, *Cognitive Psychology*, 62, 1–40.

Bell, M., and I. Plag (2012), Informativeness is a determinant of compound stress, *Journal of Linguistics*, 48(3), 485–520.

## Distributional morphotactics

- McDonough, J. (2000), On a bipartite model of the Athabaskan verb, in *The Athabaskan Languages: Perspectives on a Native American Language Family*, edited by T. Fernald and T. Platero, pp. 139–166, Oxford University Press, Oxford.
- Bickel, B., G. Banjade, M. Gaenszle, E. Lieven, N. Prasad Paudyal, I. Purna Rai, M. Rai, N. Kishore Rai, and S. Stoll (2007), Free prefix ordering in Chintang, *Language*, 83(1), 1–31.
- Plag, I., and R. H. Baayen (2009), Suffix ordering and morphological processing, *Language*, 85, 106–149.
- Ramscar, M. (2013), Suffixing, prefixing, and the functional order of regularities in meaningful strings, *Psihologija*, 46(4), 377–396.
- Bonami, O., and B. Crysmann (2016), Variable morphotactics in Information-based Morphology, *Journal of Linguistics*, 52(2), 311–374.

## Learning-based perspectives

- Rescorla, R. A., and A. R. Wagner (1972), A theory of Pavlovian conditioning: Variations in the effectiveness of reinforcement and nonreinforcement, in *Classical Conditioning II*, edited by A. H. Black and W. F. Prokasy, pp. 64–99, Appleton-Century-Crofts, New York.
- Ramscar, M., D. Yarlett, M. Dye, K. Denny, and K. Thorpe (2010), The effects of feature-label-order and their implications for symbolic learning, *Cognitive Science*, 34, 909–957.
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## NDL, Wide Learning and Temporal Self-Organizing Maps

- Baayen, R. H., J. M. McQueen, T. Dijkstra, and R. Schreuder (2003), Frequency effects in regular inflectional morphology: Revisiting Dutch plurals, in *Morphological Structure in Language Processing*, edited by R. H. Baayen and R. Schreuder, pp. 355–370, Mouton de Gruyter, Berlin.

- Baayen, R. H., P. Hendrix, and M. Ramscar (2013), Sidestepping the combinatorial explosion: Towards a processing model based on discriminative learning, *Language and Speech*, 56, 329–347.
- Baayen, H., P. Milin, and M. Ramscar (2016a), Frequency in lexical processing, *Aphasiology*, pp. 1174–1220.
- Pirrelli, V., M. Ferro, and C. Marzi (2015), Computational complexity of abstractive morphology, in *Understanding and Measuring Morphological Complexity*, edited by M. Baerman, D. Brown, and G. G. Corbett, pp. 141–166, Oxford University Press, Oxford.