from

A Bibliography of Literary Theory, Criticism and Philology

<http://bit.ly/abibliog>

by José Ángel García Landa

(University of Zaragoza, Spain)

# Biolinguistics

Anderson, Stephen R. (Yale U; [sra@yale.edu](mailto:sra@yale.edu)). "What Is Special about the Language Faculty, and How Did it Get That Way?" Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 363-64.\*

Balari, Sergio, and Guillermo Lorenzo. "Communication: Where Evolutionary Linguistics Went Wrong." *Biological Theory* 4.3 (2010): 228-39.\*

<http://www.mitpressjournals.org/doi/abs/10.1162/BIOT_a_00049>

2011

Benítez Burraco, A. Genes y lenguaje: Aspectos ontogenéticos, filogenéticos y cognitivos. Barcelona: Reverté, 2009.

\_\_\_\_\_. "¿Y si estábamos empezando la casa por el tejado?: Los genes y la caracterización (biológica) del lenguaje." *Ciencia cognitiva* 13 Oct. 2010.

<http://medina-psicologia.ugr.es/cienciacognitiva/?p=116>

<http://medina-psicologia.ugr.es/~cienciacognitiva/files/2009-37.pdf>

2010

Bergen, Benjamin K. *Louder than Words: The New Science of How the Mind Makes Meaning.* Foreword by George Lakoff. New York: Perseus Books-Basic Books, 2012.\* (Meaning, psycholinguistics).

\_\_\_\_\_. *Louder than Words: The New Science of How the Mind Makes Meaning.* New York: Basic Books, 2012. Preview at *Amazon:*

<http://www.amazon.com/gp/product/0465028292>

2013

\_\_\_\_\_. *El cerebro y el lenguaje: De las palabras a los hechos.* Trans. Roc Filella.

Bermúdez de Castro, José María. "Lenguaje y cerebro." In Bermúdez de Castro, *Reflexiones de un primate* 17 Sept. 2013.\*

<http://reflexiones-de-un-primate.blogs.quo.es/2013/09/17/lenguaje-y-cerebro/>

2013

Bickerton, Derek. *Language and Species.* Chicago: U of Chicago P, 1990.

\_\_\_\_\_. *Language and Human Behavior.* Seattle: U of Washington P, 1995.

\_\_\_\_\_. "Chattering Classes." Rev. of *The Evolution of Communication,* by M. D. Hauser. *Nature* 3812: 592-93.

\_\_\_\_\_. "Language Evolution: A Brief Guide for Linguists." *Lingua* 117 (2005): 510-26.

\_\_\_\_\_. "Darwin's Last Word (and 'word' is le mot juste)." Commentary on "Darwin's Mistake," by D. Penn et al. 2008.

\_\_\_\_\_. *Adam's Tongue: How Humans Made Language, How Language Made Humans.* New York: Farrar, Straus and Giroux – Hill and Wang, 2009.\*

\_\_\_\_\_. "The Language Bioprogram Hypothesis." *Behavioral and Brain Sciences* 7 (1984): 173-221.

Bickerton, Derek, and E. Szathmáry, eds. *Biological Foundations and Origin of Syntax*. Cambridge (MA): MIT Press, 2009.

Calvin, W. H., and D. Bickerton. *Lingua ex Machina: Reconciling Darwin and Chomsky with the Human Brain.* Cambridge (MA): MIT Press, 2000.

Caplan, David. "La base biológica del lenguaje." In *Panorama de la lingüística moderna de la Universidad de Cambridge. Vol. III: El lenguaje: Aspectos psicológicos y biológicos*. Ed. Frederick J. Newmeyer. Madrid: Visor, 1990.

Caplan, D. E., ed. *Brain Structure and Language Production: A Dynamic View.* Cambridge (MA): MIT Press, 1980.

Christiansen, Morten H. "Brains, Genes and Language Evolution." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 379-80.\*

Deacon, Terrence W. *The Symbolic Species: The Co-Evolution of Language and the Brain*. New York: Norton, 1997.

Diller, Karl C., and Rebecca L. Cann. "The Innateness of Language: A View from Genetics." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 107-15.\*

Easterlin, Nancy. *Biocultural Approach to Literary Theory and Interpretation.* Baltimore: Johns Hopkins UP, 2012.

Feldman, Jerome A. *From Molecule to Metaphor: A Neural Theory of Language.* Cambridge (MA): MIT Press, 2008.

Fisher, Simon E., and Sonja C. Vernes. "Genetics and the Language Sciences." *Annual Review of Linguistics* 1.1 (Jan. 2015).\*

<http://linguistics.annualreviews.org>

2015

García Landa, José Ángel. "Web de biolingüística." In García Landa, *Vanity Fea* 29 May 2009.\*

<http://vanityfea.blogspot.com/2009/05/web-de-biolinguistica.html>

2009

\_\_\_\_\_. "Qué gen buscar." In García Landa, *Vanity Fea* 11 May 2012.\*

<http://vanityfea.blogspot.com.es/2012/05/que-gen-buscar.html>

2012

\_\_\_\_\_. "Qué gen buscar." *Ibercampus* 19 June 2013.\*

<http://www.ibercampus.info/articulo.asp?idarticulo=14576>

2013

Givón, T. *Bio-Linguistics: The Santa Barbara Lectures.* Amsterdam: John Benjamins, 2002.

\_\_\_\_\_. *Bio-Linguistics: The Santa Barbara Lectures.* 2002. In *Google Books:*

<http://books.google.com.ar/books?id=JdGDeW0oxtYC&dq=Bio-Linguistics:+The+Santa+Barbara+Lectures&printsec=frontcover&source=bl&ots=8BlBSlS3_N&sig=BtNBAdr5ktO3PXdOuxUi08ksmBU&hl=es&sa=X&oi=book_result&resnum=1&ct=result#PPP1,M1>

2009

González, Lorenzo. "El estudio del lenguaje como ciencia natural." *Cuadernos de Investigación Filológica* 21-22 (1995-1996): 69-88.\*

Huth, Alexander, Shinji Nishimoto, An T. Vu, and Jack L. Gallant. "A Continuous Semantic Space Describes the Representation of Thousands of Objects and Action Categories across the Human Brain." *Neuron* 76.6 (20 Dec. 2012): 1210-1224.\*

DOI: <http://dx.doi.org/10.1016/j.neuron.2012.10.014>

<http://www.cell.com/neuron/fulltext/S0896-6273%2812%2900934-8>

2016

"Intentando definir 'Biolingüística'." *Biolingüística* 16 Jan. 2009.

<http://biolinguistica.wordpress.com/2009/01/16/intentando-definir-biolinguistica/>

2009

Jenkins, Lyle. *Biolinguistics: Exploring the Biology of Language.* Cambridge: Cambridge UP, 2000.

\_\_\_\_\_, ed. *Variation and Universals in Biolinguistics.* Amsterdam: Elsevier, forthcoming 2009.

Jiménez Huertas, Carme. *Estamos hechos de lenguaje.* 2022.

Kamorova, N. L., and M. A. Nowak. "Language, Learning, and Evolution." In *Language Evolution.* Ed. M. H. Christiansen and S. Kirby. Oxford: Oxford UP, 2005. 317-37.

Kazakov, Dimitar. "Interplay between language, Navigation and Kin Selection." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 198-205.\*

Kenneally, Christine. *The First Word: The Search for the Origins of Language.* USA: Viking Penguin, 2007.

\_\_\_\_\_. *The First Word: The Search for the Origins of Language.* London: Penguin, 2007.\* (Chomsky, Savage-Rumbaugh, Pinker, Paul Bloom, Lieberman, words, gestures, speech, structure, human brain, genetics, evolution).

Koerner, Konrad, ed. *Linguistics and Evolutionary Theory: Three Essays by August Schleicher, Ernst Haeckel, and Wilhelm Bleek.* Amsterdam and Philadelphia: John Benjamins, 1983.

Lakoff, George. "The Neural Theory of Metaphor." Available at SSRN 2 Jan. 2009:

<http://ssrn.com/abstract=1437794> <http://dx.doi.org/10.2139/ssrn.1437794>

2014

Larson, Richard K., Viviane Déprez, and Hiroko Yamakido, eds. ***The Evolution of Human Language:*** *Biolinguistic Perspectives* Cambridge: Cambridge UP, 2010.

Lenneberg, Erich H. *Biological Foundations of Language.* Wiley, 1967.

Lieberman, P., and S. Blumstein. *Speech Physiology, Speech Perception and Acoustic Phonetics.* Cambridge: Cambridge UP, 1988.

López García-Molins, Ángel. *Fundamentos genéticos del lenguaje.* Madrid: Cátedra, 2002.

\_\_\_\_\_. "Species Building and Evolution in Biology and Linguistics." In *Sprachwissentschaftlicher Kolleg über Variationslinguistik.* Heidelberg: U Heidelberg, 2001.

\_\_\_\_\_. "Sobre algunas propuestas biolingüísticas más bio- que –lingüísticas." In *Palabras, Norma, Discurso: En memoria de Fernando Lázaro Carreter.* Ed. Luis Santos Río et al. Salamanca: Ediciones U de Salamanca, 2005. 711-34.\*

\_\_\_\_\_. "El origen del lenguaje como emergencia neuronal." *El Catoblepas* 135 (May 2013).\* (Video and text).

<http://www.nodulo.org/ec/2013/n134p01.htm>

2013

Mancing, Howard. "Biological Foundations of Narrative." In *The Routledge Encyclopedia of Narrative Theory.* Ed. David Herman, Manfred Jahn and Marie-Laure Ryan. Abingdon and New York: Routledge, 2005. 44-45.\*

Martín, J., and J. Rosselló, eds. *The Biolinguistic Turn.* Barcelona: Publicacions de la Universitat de Barcelona, 2006.

Mendívil Giró, José Luis. *Origen, evolución y diversidad de las lenguas: Una aproximación biolingüística.* (Studien zur romanischen Sprachwissenschaft und interkulturellen Kommunikation, ed. Gerd Wotjak, 52). Frankfurt am Main, Berlin, Bern, Bruxelles, New York, Oxford, Vienna, 2009.\* (Universal grammar, minimalism, evolution of language).

\_\_\_\_\_. "Biolingüística: Breve biografía de una disciplina emergente." *Academia.edu* (2014).\*

<https://www.academia.edu/6472960/>

2014

Meyer, Georg, Sophie Wuerger and Natalie T. Uomini. "A Functional Transcranial Doppler Ultrasound Study of Brain Lateralisation in Stone Tool Making and Language." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 459-60.\*

Millikan, R. G. (Woman linguist). *Language, Thought, and Other Biological Categories: New Foundations for Realism.* Cambridge (MA): MIT Press, 1984.

Pérez Gállego, Cándido. "Genética y lingüística." 2002.

Piattelli-Palmarini, Massimo, and Juan Uriagereka. "The Immune Syntax: The Evolution of the Language Virus." In *Variation and Universals in Biolinguistics.* Ed. L. Jenkins. Amsterdam: Elsevier, forthcoming 2009.

*Psychology and Biology of Language and Thought: Essays in Honour of Eric Lennberg.* New York: Academic Press, 1978.

Rivera, Ángel. "Período crítico, maduración neurológica y lenguaje." *Psicobiología del género Homo* 15 Nov. 2014.\*

<https://psicobiologiadelgenerohomo.blogspot.com/2014/11/periodo-critico-maduracion-neurologica.html>

2020

Sample, Ian. "Neuroscientists Create 'Atlas' Showing How Words Are organised in the Brain." *The Guardian* 27 April 2016.\*

<https://www.theguardian.com/science/2016/apr/27/brain-atlas-showing-how-words-are-organised-neuroscience>

2016

Schoenemann, P. Thomas. "The Importance of Exploring Non-Linguistic Functions of Human Brain Language Areas for Explaining Language Evolution." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 485-86.\*

Scott-Phillips, T. C., and R. A. Blythe. "Why is Combinatorial Communication Rare in the Natural World, and Why Is Language an Exception to this Trend?" *Journal of The Royal Society Interface* 10.88 (2013).

Seldon, H. Lee. "Thoughts on Evolution of Language from the Point of View of Brain Neuroanatomy and Development, and Object-Oriented Programming." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 271-78.\*

Storey, Robert. *Mimesis and the Human Animal: On the Biogenetic Foundations of Literary Representation.* Evanston (IL): Northwestern University Press, 1996.

Tallerman, Maggie. "Lost in a Linguistic Jungle: What's in the Language Faculty." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 305-12.\*

Winter, Bodo. "The Moving Target Argument and the Speed of Evolution." In *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 352-59.\* (Biolinguistics).

Yamauchi, Hajime, and Kazuo Okanoya. "Optimality and Teleomatic Causes in the Faculty of Language." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 525-26.\*

Xu, Jiang, Stefan Kemeny, Grace Park, Carol Frattali, and Allen Braun. "Language in Context: Emergent Features of Word, Sentence, and Narrative Comprehension." *Neuroimage* 25.3 (2005): 1002-15.

Audio

Berwick, Robert. "Darwinian Linguistics." Lecture at the "Language, Cognition, and Computational Models" conference, ENS. Audio. *Savoirs ENS*

<http://savoirs.ens.fr//expose.php?id=1290>

2015

Blogs

*Biolingüística: Sobre los fundamentos biológicos del lenguaje*

<http://biolinguistica.wordpress.com/>

2008

Institutions

*Biolang.* Resarch group website. Guillermo Lorenzo, Juan Uriagereka et al.

<http://www.uniovi.es/glorenzo/biolang.html>

2008

*Biolinguistics.* Research group website. (Noam Chomsky, Tecumseh Fitch, Lyle Jenkins, Fuhzen Si, Masssimo Piatelli-Palmarini, Juan Uriagereka, et al.).

<http://www.biolinguistics.uqam.ca/index.html>

208

Biolinguistics Institute, Massachusetts.

Internet resources

*Biolinguistics.* Website. (Mª Carmen Horno, U of Zaragoza).

<http://www.everyoneweb.es/presentation_tier/Index.aspx?WebID=biolinguistica&BoomID=B1&KnooppuntID=K475&KnoopOpen=True>

2009

Journals

*Biolinguistics.*

Vol. 2.2 (2008)

<http://biolinguistics.eu/index.php/biolinguistics/>

2008

Societies and Institutions

Laboratory for Biolinguistics, RIKEN Brain Science Institute, Saitama 351-0198; Japan Laboratory for Biolinguistics, RIKEN Brain Science Institute (BSI), Japan, [hoplite/okanoya@brain.riken.jp](mailto:hoplite/okanoya@brain.riken.jp)

[kazutoshi.sasahara@gmailcom](mailto:kazutoshi.sasahara@gmailcom)

Video

Bruner, Emiliano. "Lenguaje: gestas y leyendas del primate humano." Video lecture at the Facultad de Filosofía y Letras, U de Zaragoza. *YouTube (Filosofía y Letras Zaragoza)* 12 Jan. 2020.\*

<https://youtu.be/kYr4uUWKlMU>

2010

Jiménez Huertas, Carme. "Somos lenguaje / Estamos hechos de lenguaje." Video. *YouTube (Carme Jiménez Huertas)* 2021.\* (Biolinguistics, Association of ideas, Metaphor, Ideology and language; Bodily rhythms).

<https://youtu.be/aeo9T3Bq0n0>

2022

"Mesa redonda jornadas Psylex IV." *YouTube (Filosofía y Letras Zaragoza)* 5 Nov. 2015.\*

<https://youtu.be/XOgWfqY6s5Q>

2015

Kirby, Simon. "The Language Organism: Evolution, Culture, and What It Means to Be Human." Lecture at the University of Edinbugh, 22 March 2011. Online video. *YouTube (The University of Edinburgh)* 7 June 2011.\*

<https://youtu.be/f3-R3Ii35nY>

2016

Sapolsky, Robert. "23. Language." Video lecture. (Human Behavioral Biology course). *YouTube-StanfordUniversity* 2 Jan. 2011.\*

<http://youtu.be/SIOQgY1tqrU>

2012

See also Neurolinguistics; Phonetics; Origin of language.