

Man 2006

(includes publications since the last list and some that were not included in the last list)

Compiled by P. Hansen

Aboitiz, F., Garcia, R. R., Bosman, C. & Brunetti, E. (2006). Cortical memory mechanisms and language origins. *Brain Language*, **98**, 40-56.

Arnold, K. & Zuberbuehler, K. (2006). Language evolution: Semantic combinations in primate calls. *Nature*, **441**, 303.

Baynes, K. & Gazzaniga, M. S. (2005). Lateralization of language: Toward a biologically based model of language. *Linguistic Rev.*, **22**, 303-326.

Beeli, G., Esslen, M. & Jaencke, L. (2005). Synaesthesia: When coloured sounds taste sweet. *Nature*, **434**, 38.

Bendor, D. & Wang, X. Q. (2006). Cortical representations of pitch in monkeys and humans. *Curr. Opin. Neurobiol.*, **16**, 391-399.

Best, V., Ozmeral, E., Gallun, F. J., Sen, K. & Shinn-Cunningham, B. G. (2005). Spatial unmasking of birdsong in human listeners: Energetic and informational factors. *J. Acoust. Soc. Am.*, **118**, 3766-3773.

Blicharski, T. (2002). An etholinguistic analysis of mother-child discourse at 30 months. *Acta Ethol.*, **5**, 57-64.

Brown, S., Martinez, M. J. & Parsons, L. M. (2006). Music and language side by side in the brain: a PET study of the generation of melodies and sentences. *Eur. J. Neurosci.*, **23**, 2791-2803.

Brown, S., Martinez, M. J., Hodges, D. A., Fox, P. T. & Parsons, L. M. (2004). The song system of the human brain. *Cogn. Brain Res.*, **20**, 363-375.

Bruckert, L., Lienard, J.-S., Lacroix, A., Kreutzer, M. & Leboucher, G. (2006). Women use voice parameters to assess men's characteristics. *Proc. R. Soc. B.*, **273**, 83-89.

Carreiras, M., Lopez, J., Rivero, F. & Corina, D. (2005). Linguistic perception: Neural processing of a whistled language. *Nature*, **433**, 31-32.

Cataldo, E., Leta, F. R., Lucero, J. & Nicolato, L. (2006). Synthesis of voiced sounds using low-dimensional models of the vocal cords and time-varying subglottal pressure. *Mechanics Res. Comm.*, **33**, 250-260.

Cirillo, J. & Todt, D. (2005). Perception and judgement of whispered vocalisations. *Behaviour*, **142**, 113-129.

Evans, S., Neave, N. & Wakelin, D. (2006). Relationships between vocal characteristics and

body size and shape in human males: An evolutionary explanation for a deep male voice. *Biol. Psychol.*, **72**, 160-163.

Evans, T. A., Howell, S. & Westergaard, G. C. (2005). Auditory-visual cross-modal perception of communicative stimuli in tufted capuchin monkeys (*Cebus apella*). *J. Exp. Psychol: Anim. Behav. Proc.*, **31**, 399-406.

Faulkner, R. & Davidson, J. (2004). Men's vocal behaviour and the construction of self. *Musicae Scientiae*, **8**, 231-255.

Feinberg, D. R., Jones, B. C., DeBruine, L. M., Moore, F. R., Smith, M. J. L., Cornwell, R. E., Tiddeman, B. P., Boothroyd, L. G. & Perrett, D. I. (2005). The voice and face of woman: One ornament that signals quality? *Evol. Human Behav.*, **26**, 398-408.

Feinberg, D. R., Jones, B. C., Little, A. C., Burt, D. M. & Perrett, D. I. (2005). Manipulations of fundamental and formant frequencies influence the attractiveness of human male voices. *Anim. Behav.*, **69**, 561-568.

Ferrer i Cancho, R., Riordan, O. & Bollobas, B. (2005). The consequences of Zipf's law for syntax and symbolic reference. *Proc. R. Soc. B.*, **272**, 561-565.

Fischer, S. E. & Marcus, G. F. (2006). The eloquent ape: genes, brains and the evolution of language. *Nature Rev. Gen.*, **7**, 9-20.

Fitch, W. T. (2005). The evolution of music in comparative perspective. *Ann. N. Y. Acad. Sci.*, **1060**, 29-49.

Fitch, W. T. (2006). The biology and evolution of music: A comparative perspective. *Cognition*, **100**, 173-215.

Gentilucci, M. & Corballis, M. C. (2006). From manual gesture to speech: A gradual transition. *Neurosci. Biobehav. Rev.*, **30**, 949-960.

Goel, N. (2006). An arousing, musically enhanced bird song stimulus mediates circadian rhythm phase advances in dim light. *Am. J. Physiol.*, **291**, R822-R827.

Hauser, M. D. & Dermott, J. (2004). The evolution of the music faculty: comparative perspective. *Nature Neurosci.*, **6**, 663-668.

Jarvis, E. D. (2004). Learned birdsong and the neurobiology of human language. *Ann. N. Y. Acad. Sci.*, **1016**, 749-777.

Jones, J. A. & Munhall, K. G. (2005). Remapping auditory-motor representations in voice production. *Curr. Biol.*, **15**, 1768-1772.

Kuhl, P. K. (2004). Early language acquisition: cracking the speech code. *Nature Rev. Neurosci.*, **5**, 831-843.

Langner, G. (2005). Neuronal mechanisms underlying the perception of pitch and harmony.

- Ann. N. Y. Acad. Sci.*, **1060**, 50-52.
- Laukka, P. (2005). Categorical perception of vocal emotion expressions. *Emotion*, **5**, 277-295.
- Laukka, P., Juslin, P. N. & Bresin, R. (2005). A dimensional approach to vocal expression of emotion. *Cognition Emotion*, **19**, 633-653.
- Locke, J. L. (2006). Parental selection of vocal behavior - Crying, cooing, babbling, and the evolution of language. *Human Nature*, **17**, 155-168.
- Locke, J. L. & Bogin, B. (2006). Language and life history: A new perspective on the development and evolution of human language. *Behav. Brain Sci.*, **29**, 259-325.
- McDermott, J. & Hauser, M. D. (2005). Probing the evolutionary origins of music perception. *Ann. N. Y. Acad. Sci.*, **1060**, 6-16.
- Merker, B. (2005). The conformal motive in birdsong, music, and language: An introduction. *Ann. N. Y. Acad. Sci.*, **1060**, 17-28.
- Mithen, S. (2005). *The Singing Neanderthals: The Origins of Music, Language, Mind and Body*. Weidenfeld and Nicolson; London.
- Mithen, S. (2006). The ‘singing neanderthals’: the origins of music, language, mind and body. *Cambridge Archaeolog. J.*, **16**, 97-112.
- Molnar, C., Pongracz, P., Doka, A. & Miklosi, A. (2006). Can humans discriminate between dogs on the base of the acoustic parameters of barks? *Behav. Processes*, **73**, 76-83.
- Moore, D. R. (2000). Auditory neuroscience: Is speech special? *Curr. Biol.*, **10**, R362-R364.
- Nishimura, T., Mikami, A., Suzuki, J. & Matsuzawa, T. (2006). Descent of the hyoid in chimpanzees: evolution of face flattening and speech. *J. Human Evol.*, **51**, 244-254.
- Nittrouer, S. (2006). Children hear the forest. *J. Acoust. Soc. Am.*, **120**, 1799-1802.
- Oller, D. K. & Griebel, U. (2006). How the language capacity was naturally selected: Altriciality and long immaturity. *Behav. Brain Sci.*, **29**, 293-294.
- Puts, D. A. (2005). Mating context and menstrual phase affect women’s preferences for male voice pitch. *Evol. Human Behav.*, **26**, 388-397.
- Puts, D. A., Gaulin, S. J. C. & Verdolini, K. (2006). Dominance and the evolution of sexual dimorphism in human voice pitch. *Evol. Human Behav.*, **27**, 283-296.
- Rendall, D., Kollias, S., Ney, C. & Lloyd, P. (2005). Pitch (F0) and formant profiles of human vowels and vowel-like baboon grunts: The role of vocalizer body size and voice-acoustic allometry. *J. Acoust. Soc. Am.*, **117**, 944-955.
- Riding, D., Lonsdale, D. & Brown, B. (2006). The effects of average fundamental frequency

and variance of fundamental frequency on male vocal attractiveness to women. *J. Nonverbal Behav.*, **30**, 55-61.

Riede, T., Mitchell, B. R., Tokuda, I. & Owren, M. J. (2005). Characterizing noise in nonhuman vocalizations: Acoustic analysis and human perception of barks by coyotes and dogs. *J. Acoust. Soc. Am.*, **118**, 514-522.

Savage-Rumbaugh, S., Fields, W. M. & Spircu, T. (2004). The emergence of knapping and vocal expression embedded in a *Pan/Homo* culture. *Biology and Philosophy*, **19**, 541-575.

Scharff, C. & White, S. A. (2004). Genetic components of vocal learning. *Ann. N. Y. Acad. Sci.*, **1016**, 325-347.

Slocombe, K. E. & Zuberbuehler, K. (2005). Functionally referential communication in a chimpanzee. *Curr. Biol.*, **15**, 1779-1784.

Smith, D. R. R. & Patterson, R. D. (2005). The interaction of glottal-pulse rate and vocal-tract length in judgements of speaker size, sex, and age. *J. Acoust. Soc. Am.*, **118**, 3177-3186.

Stewart, L. & Walsh, V. (2002). Congenital amusia: All the songs sound the same. *Curr. Biol.*, **12**, R420-R421.

Stromswold, K. (2006). Why aren't identical twins linguistically identical? Genetic, prenatal and postnatal factors. *Cognition*, **101**, 333-384.

Van Lierde, K. A., Vinck, B., De Ley, S., Clement, G. & Van Cauwenberge, P. (2005). Genetics of vocal quality characteristics in monozygotic twins: A multiparameter approach. *J. Voice*, **19**, 511-518.

Vettin, J. & Todt, D. (2004). Laughter in conversation: Features of occurrence and acoustic structure. *J. Nonverbal Behav.*, **28**, 93-115.

Vettin, J. & Todt, D. (2005). Human laughter, social play, and play vocalizations of non-human primates: an evolutionary approach. *Behaviour*, **142**, 217-240.

Watts, C., Moore, R. & McCaghren, T. (2005). The relationship between vocal pitch-matching skills and pitch discrimination skills in untrained accurate and inaccurate singers. *J. Voice*, **19**, 534-543.

Webb, D. M. & Zhang, J. (2005). FoxP2 in song-learning birds and vocal-learning mammals. *J. Heredity*, **96**, 212-216.

White, S. A., Fisher, S. E., Geschwind, D. H., Scharff, C. & Holy, T. E. (2006). Singing mice, songbirds, and more: Models for FOXP2 function and dysfunction in human speech and language. *J. Neurosci.*, **26**, 10376-10379.

Wilbrecht, L. & Nottebohm, F. (2004). Age and experience affect the recruitment of new neurons to the song system of zebra finches during the sensitive period for song learning - Ditto for vocal learning in humans? *Ann. N. Y. Acad. Sci.*, **1021**, 404-409.

Zeigler, H. P. & Marler, P. (eds.) (2004). Behavioral Neurobiology of Birdsong. *Ann. N. Y. Acad. Sci.*, **1016**.

Zuberbuehler, K. (2006). Language evolution: The origin of meaning in primates. *Curr. Biol.*, **16**, R123-R125.