

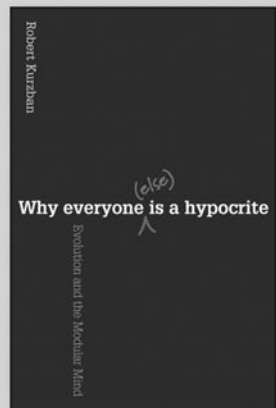
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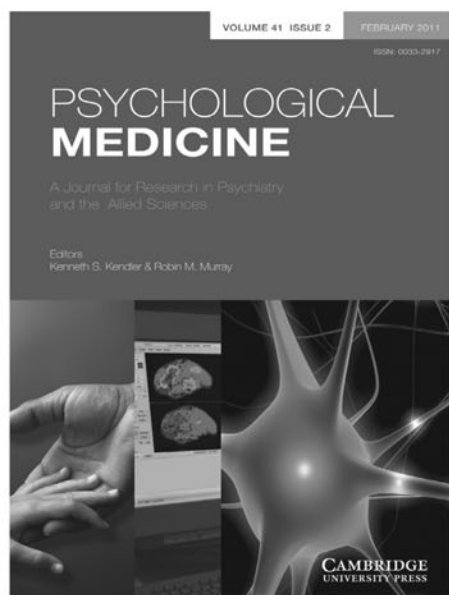
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The brain basis of emotion: A meta-analytic review

Kristen A. Lindquist, Tor D. Wager, Hedy Kober, Eliza Bliss-Moreau and Lisa Feldman Barrett

To appear in upcoming issues (2012)

The Cognitive bases of human tool use

Krist Vaesen, Eindhoven University of Technology

In this article, I synthesize and critically assess current scientific knowledge about the cognitive bases of human tool use. Based on this review, I then explain why technological accumulation evolved so markedly in humans, and so modestly in apes.

With commentary from M Arbib; L Barcelo-Coblijn & A Gomila; S Beck, J Chappell, IA Apperly & N Cutting; A Blitzer & B Huebner; S Cachel; P Crabb; N Dounskaia; G Gainotti; KR Gibson; RL Holloway; H Iljerman & F Foroni; PO Jacquet, A Tessari, F Binkofski & AM Borghi; BT Jeffares; M Longo & A Serino; L Malafouris; D Moerman; M Nielsen; T Nonaka; G Orban & G Rizzolatti; M Osvath, T Persson & P Gardenfors; EM Patterson & J Mann; DC Penn, KJ Holyoak & DJ Povinelli; SR Ragir & PJ Brooks; SM Reader & SM Hrotic; A Rizzo; G Stoet & IH Snyder; AH Taylor & N Clayton; C Tennie & H Over; G Vingerhoets; DJ Weiss, KM Chapman, JD Wark & DA Rosenbaum

Towards a universal model of reading

Ram Frost, The Hebrew University; Haskins Laboratories

In the last decade, research on visual word recognition has undergone a paradigmatic shift, producing reading models that offer various forms of context-sensitive letter coding and suggesting that this is how the human brain encodes the position of letters in printed words. I argue that letter-order sensitivity is *not* a general property of the cognitive system, nor is it a property of the brain in encoding letters. Rather, it is a *variant* and idiosyncratic characteristic of reading in European languages, reflecting a strategy of optimizing encoding resources, given the specific structure of words in these languages. An alternative approach for modelling reading is outlined.

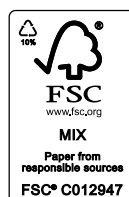
With commentary from C Behme; M Beveridge & T Bak; J Bowers; M Coltheart & S Crain; CJ Davis; SH Deacon; LB Feldman & F Moscoso del Prado; N Friedmann & A Gvion; P Gomez & S Silins; U Goswami; J Grainger & T Hannagan; BD Homer; J Hyona & R Bertram; K Kim, CH Lee & Y Lee; J Laubrock & S Hohenstein; Y Levy; SP Liversedge, HI Blythe & D Drieghe; M Martelli, C Burani & P Zoccolotti; C McBride-Chang, H-C Chen, B Kasisopa, D Burnham, R Reilly & P Leppanen; D Norris & S Kinoshita; DG Pelli, S Chung & GE Legge; M Perea & M Carreiras; C Perfetti; N Pitchford, WJB van Heuven, AN Kelly, T Zhang & T Ledgeway; D Plaut; C Rao, S Soni & NC Singh; K Rastle; D Ravid; J Rueckl; M Seidenberg; DL Share; M Szwed, F Vinckier, L Cohen & S Dehaene; C Whitney

Among the articles to appear in forthcoming issues of BBS:

- K. Vaesen, "The cognitive bases of human tool use"
- R. Frost, "Towards a universal model of reading"
- M. E. McCullough, R. Kurzban & B. A. Tabak, "Cognitive systems for revenge and forgiveness"
- N. Baumard, J.-B. André & D. Sperber, "A mutualistic approach to morality"
- J. Dixon, M. Levine, S. Reicher & K. Kevin Durrheim, "Beyond prejudice: Are negative evaluations the problem and is getting us to like one another more the solution?"
- E. Charney, "Behavior genetics and post-genomics"
- A. Clark, "Whatever next? Predictive brains, situated agents, and the future of cognitive science"
- N. J. Bulot & R. Reber, "The artful mind meets art history: Toward a psycho-historical framework for the science of art appreciation"
- L. Schillbach, B. Timmermans, V. Reddy, A. Costall, G. Bente, T. Schlicht & K. Vokeley, "Toward a second-person neuroscience"

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