

Selected readings and resources for a thorough understanding of the evolutionary developmental psychology perspective

Selección de lecturas y materiales para profundizar en la comprensión de la psicología evolucionista del desarrollo

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Below I provide a short list of some basic introductory literature to *evolutionary psychology* (EP) and *evolutionary developmental psychology* (EDP), as well as a few supplementary resources of relevant information. In closing, I provide an outline suggesting one possible “route” by which to obtain a fundamental understanding of EDP. I hope you find this information useful. References with an * are available also in Spanish.

1. Introductory literature

Here, I present a selection of items that will provide an additional synthesis of the topics discussed in this Special Issue: 1) Books on EP; 2) Short articles introducing EDP; 3) Books on EDP, some of which are geared toward providing an overview of the arguments set forth by EDP and others written with a specific audience in mind (e.g., addressed to undergraduates, graduate students, or lay audiences); and 4) Special Issues on EDP published in scientific journals.

Select books providing an overview to the field of evolutionary psychology

- Barkow, J.H., Cosmides, L., & Tooby, J. (Eds.) (1992). *The adapted mind: Evolutionary psychology and the generation of culture*. New York, NY: Oxford University Press.
- Buss, D.M. (Ed.) (2005). *The handbook of evolutionary psychology*. Hoboken, NJ: Wiley.
- Buss, D.M. (2007). *Evolutionary psychology: The new science of the mind* (3rd edition). Boston: Allyn & Bacon.
- Geary, D.C. (1998). *Male, female: The evolution of human sex differences*. Washington, DC: American Psychological Association.
- Geary, D.C. (2005). *The origin of mind: Evolution of brain, cognition, and general intelligence*. Washington, DC: American Psychological Association.
- Salmon, C.A., & Shackelford, T.K. (Eds.) (2007). *Family relationships: An evolutionary perspective*. New York: Oxford University Press.

Some introductory articles to evolutionary developmental psychology

- Bjorklund, D.F., & Pellegrini, A.D. (2000). Child development and evolutionary psychology. *Child Development*, 71, 1687-1708.
- Geary, D.C., & Bjorklund, D.F. (2000). Evolutionary developmental psychology. *Child Development*, 71, 57-65.
- Hernández Blasi, C., Bering, J.M., & Bjorklund, D.F. (2003). Psicología Evolucionista del Desarrollo: contemplando la ontogénesis humana desde los ojos del evolucionismo (Evolutionary developmental psychology: Viewing human ontogeny through the eyes of evolutionary theory). *Infancia y Aprendizaje*, 26 (3), 267-285.
- Hernández Blasi, C., & Bjorklund, D.F. (2003). Evolutionary developmental psychology: A new tool for better understanding human ontogeny. *Human Development*, 46, 259-281.
- Maestripieri, D., & Roney, J.R. (2006). Evolutionary developmental psychology: Contributions from comparative research with nonhuman primates. *Developmental Review*, 26, 120-137.

Some books on evolutionary developmental psychology

- Bjorklund, D.F. (2007). *Why youth is not wasted on the young: Immaturity in human development*. Malden, MA: Blackwell.
- Bjorklund, D.F., & Pellegrini, A.D. (2002). *The origins of human nature: Evolutionary developmental psychology*. Washington, DC: American Psychological Association.
- Burgess, R.L., & MacDonald, K.B. (Eds) (2004). *Evolutionary perspectives on human development* (2nd ed.). Thousand Oaks, CA: Sage.
- Ellis, B.J. & Bjorklund, D.F. (Eds.) (2005). *Origins of the social mind: Evolutionary psychology and child development*. New York: Guilford Publications.

Hawley, P.H., Little, T.D. & Rodkin, P.C. (Eds.) (2007). *Aggression and adaptation: The bright side to bad behavior*. Mahwah, NJ: Erlbaum.

Special issues on EDP published in scientific journals

Bjorklund, D.F., & Hernández Blasi, C. (Eds.) (2003). *Infancia y Aprendizaje*, 26, 260-349.

Bjorklund, D.F., & Smith, P.K. (Eds.) (2003). *Journal of Experimental Child Psychology*, 85, 195-295.

Geary, D.C. (Ed.) (2006). *Developmental Review*, 26, 113-275.

2. Supplementary sources of information

Some interesting webpages/sites

Human Behaviour and Evolution Society: <http://www.hbes.com>

Wikipedia on EDP:

http://en.wikipedia.org/wiki/Evolutionary_developmental_psychology

Centre for Research in Evolutionary Psychology:

<http://www.psych.ucsb.edu/research/cep/>

Relevant journals

These journals are noted because of their routine publication of issues and content relevant to EDP: Not only these journals provide the major historical record of EDP, but they may also provide a future resource for the reader who wishes to stay current in this literature.

Child Development, Developmental Review, Evolution and Human Behaviour, Evolutionary Psychology, Human Development, Human Nature, Infancia y Aprendizaje, Journal of Social, Evolutionary, and Cultural Psychology.

Suggested teaching materials

Bjorklund, D.F. (2007). Darwin meets Piaget: Incorporating evolutionary psychology in the teaching of developmental psychology. Talk presented at 2007 meeting of the Society for Research in Child Development, Boston, MA. http://www.srcd.org/biennial_archives/boston_2007/documents/ti_bjorklund.pdf

Video: Ape genius, a NOVA special, presents comparative developmental research. The following site links to the television program, teachers' guides, and other extras. <http://www.pbs.org/wgbh/nova/apegenius/>

The HBES web-site also contains a page of teaching resources that includes course syllabi, Powerpoint presentations, videos, and more: <http://www.hbes.com/HBES/syllabi.htm>

Departments with EDP/EP programs

The following links provide a great resource for individuals who are seeking departments, institutions, and researchers with focuses in EP and/or EDP:

http://www.psych.ucsb.edu/research/cep/evpsych_programs.html

http://www.hbes.com/places_to_study.htm

3. A suggested “reading route” to understanding EDP

Here, I present a recommended selection of readings for a seminar-type course, organised by order of reading and discussion blocks, with the objective of providing a progressive understanding of EDP. Of course, this is only one of many possible “routes.”

What is evolutionary psychology?

Cosmides, L., & Tooby, J. (1997). *Evolutionary psychology: A primer* [on line]. Center for Evolutionary Psychology. University of California, Santa Barbara. Retrieved from <http://www.psych.ucsb.edu/research/cep/primer.html>

Buss, D.M., & Reeve, H.K. (2003). Evolutionary psychology and developmental dynamics: Comment on Lickliter and Honeycutt (2003). *Psychological Bulletin*, 128 (6), 848-853.

Criticisms to evolutionary psychology

Lickliter, R., & Honeycutt, H. (2003). Developmental dynamics: Toward a biologically plausible evolutionary psychology. *Psychological Bulletin*, 128 (6), 819-835.

Bjorklund, D.F. (2003). Evolutionary psychology from a developmental systems perspective: Comment on Lickliter and Honeycutt (2003). *Psychological Bulletin*, 128 (6), 836-841.

Ploeger, A., van der Maas, H.L.J., & Raijmakers, M.E.J. (2008). Is evolutionary psychology a metatheory for psychology? A discussion of four major issues in psychology from an evolutionary developmental perspective. *Psychological Inquiry*, 19, 1-18.

Causey, K., Gardiner, A., & Bjorklund, D.F. (2008). Evolutionary developmental psychology and the role of plasticity in ontogeny and phylogeny. *Psychological Inquiry*, 19, 27-30.

What is evolutionary developmental psychology?

Bjorklund, D.F., & Hernández Blasi, C. (2005). Evolutionary developmental psychology. In D. Buss (Ed.), *Evolutionary psychology handbook* (pp. 828-850). New York: Wiley.

- Flinn, M. & Ward, C. (2005). Evolution of the human child. In B. J. Ellis & D. F. Bjorklund (Eds.), *Origins of the social mind: Evolutionary psychology and child development* (pp. 19-44). New York: Guilford.
- Maestriperieri, D., & Roney, J.R. (2006). Evolutionary developmental psychology: Contributions from comparative research with nonhuman primates. *Developmental Review*, 26, 120-137.]

EDP in practice: A classical example

- Belsky, J., Steinberg, L., & Draper, P. (1991). Childhood experience, interpersonal development, and reproductive strategy: An evolutionary theory of socialization. *Child Development*, 62, 647-670.
- Ellis, B.J. (2004). Timing of pubertal maturation in girls: An integrated life history approach. *Psychological Bulletin*, 130(6), 920-958.

EDP, socioemotional development and social issues

- Belsky, J. (2005). Differential susceptibility to rearing influence. In B.J. Ellis & D.F. Bjorklund (Eds.), *The origins of the social mind: Evolutionary psychology and child development* (pp. 139-163). New York: Guilford.
- Bjorklund, D.F., & Pellegrini, A.D. (2002). Evolutionary perspectives on social development. In P. K. Smith & C. Hart, *Handbook of social development* (pp.44-59). London: Blackwell.
- Daly, M., & Wilson, M.I. (1996). Violence against stepchildren. *Current Directions in Psychological Science*, 5, 77-81.
- Ellis, B.J., Jackson, J.J., & Boyce, W.T. (2006). The stress response systems: Universality and adaptive individual differences. *Developmental Review*, 26(2), 175-212.
- Flinn, M.V. (2006). Evolution and ontogeny of stress response to social challenges in the human child. *Developmental Review*, 26(2), 138-174.
- Hawley, P.H. (1999). The ontogenesis of social dominance: A strategy-based evolutionary perspective. *Developmental Review*, 19, 97-132.
- Maestriperieri, D., & Pelka, S. (2002). Sex differences in interest in infants across the lifespan: A biological adaptation for parenting? *Human Nature*, 13, 327-344.
- *Smith, P.K. (2003). Evolutionary developmental psychology and socio-emotional development. *Infancia y Aprendizaje*, 26 (3), 309-324.

EDP, cognitive development and educational issues

- Bjorklund, D.F. (1997). The role of immaturity in human development. *Psychological Bulletin*, 122 (2), 153-169.
- Bjorklund, D.F., Ellis, B. J., & Rosenberg, J.S. (2007). Evolved probabilistic cognitive mechanisms: An evolutionary approach to gene x environ-

- ment x development. In R.V. Kail (Ed.), *Advances in child development and behavior*, 35, San Diego: Academic Press.
- Geary, D.C. (1995). Reflections of evolution and culture in children's cognition: Implications for mathematical development and instruction. *American Psychologist*, 50, 24-37.
- *Geary, D.C. (2003). Evolution and development of folk knowledge: Implications for children's learning. *Infancia y Aprendizaje*, 26 (3), 287-308.
- Geary, D.C. (2007). Educating the evolved mind: Conceptual foundations for an evolutionary educational psychology. In J.S. Carlson & J.R. Levin (Eds.), *Educating the evolved mind: Conceptual foundations for an evolutionary educational psychology* (pp. 1-99). Charlotte, NC: Information Age Publishing.