

## BIO A 470 Recommended Sources for Presentations and Bibliographic Essays Winter 2008

### Cultural Macroevolution (Jan. 23)

- Borgerhoff Mulder, Monique, et al. (2001) A study of East African kinship and marriage using a phylogenetically based comparative method. *American Anthropologist* 103(4):1059-82.
- Buchanan, Bryce and Mark Collard (2007) Investigating the peopling of North America through cladistic analyses of Early Paleoindian projectile points. *J. of Anthropological Archaeology* 26(3):366-393.
- Fortunato, Laura, Clare Holden, and Ruth Mace (2006) From bridewealth to dowry? A Bayesian estimation of ancestral states of marriage transfers in Indo-European groups. *Human Nature* 17(4):355-376.
- Holden, Clare J. and Stephen Shennan (2005) How tree-like is cultural evolution? In *The Evolution of Cultural Diversity: a Phylogenetic Approach*, ed. Ruth Mace, Holden and Steven J. Shennan, pp. 13-29. London: UCL Press.
- Jordan, Peter and Stephen J. Shennan (2003) Cultural transmission, language and basketry traditions amongst the California Indians. *J. of Anthropological Archaeology* 22:42-74.
- Mace, Ruth and Fiona Jordan (2005) The evolution of human sex-ratio at birth: a bio-cultural analysis. In *The evolution of cultural diversity: a phylogenetic approach*, ed. Ruth Mace, Holden and Steven Shennan, pp. 207-216. London: UCL Press.
- Mesoudi, Alex and Michael J. O'Brien (in press) The cultural transmission of Great Basin projectile point technology: An experimental simulation. *American Antiquity*.
- Pagel, Mark and Andrew Meade (2005) Bayesian estimation of correlated evolution across cultures: a case study of marriage systems and wealth transfer at marriage. In *The evolution of cultural diversity: a phylogenetic approach*, ed. Ruth Mace, Holden and Steven Shennan, pp. 235-256. London: UCL Press.
- Tehrani, Jamshid and Mark Collard (2002) Investigating cultural evolution through biological phylogenetic analyses of Turkmen textiles. *J. of Anthropological Archaeology* 2002:443-463.

### Mating 1: Mate Choice (Jan. 30)

- Borgerhoff Mulder, Monique (1989) Early maturing Kipsigis women have higher reproductive success than later maturing women, and cost more to marry. *Behavioral Ecology and Sociobiology* 24:145-153.
- Brown, William M., et al. (2005) Dance reveals symmetry especially in young men. *Nature* 438:1148-1150.
- Cronk, Lee and B. Dunham (2007) Amounts spent on engagement rings reflect aspects of male and female mate quality. *Human Nature* 18(4):329-333.
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- Farthing, G. William (2005) Attitudes toward heroic and nonheroic physical risk takers as mates and as friends. *Evolution and Human Behavior* 26:171-185.
- Kelly, Susan and Robin I.M. Dunbar (2001) Who dares, wins: heroism versus altruism in women's mate choice. *Human Nature* 12(2):89-105.
- Marlowe, Frank (2004) Mate preferences among Hadza hunter-gatherers. *Human Nature* 15(4):365-376.
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- Pérusse, Daniel (1994) Mate choice in modern societies: Testing evolutionary hypotheses with behavioral data. *Human Nature* 5:255-278.
- Rucas, SL, et al. (2006) Female intrasexual competition and reputational effects on attractiveness among the Tsimane of Bolivia. *Evolution and Human Behavior* 27(1):40-52.
- Tovee, M. J, et al. (2006) Changing perceptions of attractiveness as observers are exposed to a different culture. *Evolution and Human Behavior* 27(6):443-456.
- Voland, Eckart and Robin I. M. Dunbar (1997) The impact of social status and migration on female age at marriage in a historical population in north-west Germany. *Journal of Biosocial Science* 29:355-360.
- Voland, Eckart and Claudia Engel (1990) Female choice in humans: a conditional mate selection strategy of the Krummhorn population. *Ethology* 84:144-154.
- Waynforth, David (1999) Differences in time use for mating and nepotistic effort as a function of male attractiveness in rural Belize. *Evolution and Human Behavior* 20(1):19-28.

## **Mating 2: Cooperation & Conflict (Feb. 4)**

- Blurton Jones, Nicholas, et al. (2000) Paternal investment and hunter-gatherer divorce rates. In *Adaptation and human behavior: An anthropological perspective*, ed. Lee Cronk, Napoleon Chagnon, and William Irons, pp. 69-90. Hawthorne, NY: Aldine de Gruyter.
- Borgerhoff Mulder, Monique (1992) Women's strategies in polygynous marriage: Kipsigis, Datoga, and other East African cases. *Human Nature* 3:45-70.
- Chisholm, James S. and Victoria K. Burbank (1991) Monogamy and polygyny in Southeast Arnhem Land: male coercion and female choice. *Ethology and Sociobiology* 12: 291-313.
- Clutton-Brock, Tim H. (2007) Sexual selection in males and females. *Science* 318(5858):1882-1885.
- Clutton-Brock, Tim H., et al. (2006) Intrasexual competition and sexual selection in cooperative mammals. *Nature* 444(7122):1065-1068.
- Cowlishaw, Guy and Ruth Mace (1996) Cross-cultural patterns of marriage and inheritance: A phylogenetic approach. *Ethology and Sociobiology* 17:87-97.
- Hames, Raymond B. (1996) Costs and benefits of monogamy and polygyny of Yanomamö women. *Ethology and Sociobiology* 17:181-199.

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- Sellen, Daniel W. and Daniel J. Hruschka (2004) Extracted-food resource-defense polygyny in native western North American societies at contact. *Current Anthropology* 45(5):707-714.
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- Strassmann, Beverly I. (1992) The function of menstrual taboos among the Dogon: defense against cuckoldry? *Human Nature* 3:89-131.

### **Inclusive Fitness & Parental Investment (Feb. 6)**

- Anderson, Kermyt G., Hillard Kaplan, and Jane B. Lancaster (2007) Confidence of paternity, divorce, and investment in children by Albuquerque men. *Evolution and Human Behavior* 28(1):1-10.
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- Bowles, Samuel and Dorrit Posel (2005) Genetic relatedness predicts South African migrant workers' remittances to their families. *Nature* 434:380-383.
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- Hames, Raymond B. (1992) Variation in parental care among the Yanomamo. In *Father-child relations: cultural and biosocial perspectives*, ed. Barry S. Hewlett, pp. 85-110. NY: Aldine de Gruyter.
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- Hill, Elizabeth M. and Bobbi S. Low (1992) Contemporary abortion patterns: a life history approach. *Ethology and Sociobiology* 13:35-48.
- Quinlan, Robert J. (2007) Human parental effort and environmental risk. *Proceedings of the Royal Society of London, Series B* 274:121-125.
- Wilson, Margo and Martin Daly (1997) Life expectancy, economic inequality, homicide, and reproductive timing in Chicago neighbourhoods. *BMJ (British Medical Journal)* 314:1271-1274.

### **Sex-biased Parental Investment (Feb. 8)**

- Berezkei, Tamas and Robin I. M. Dunbar (1997) Female-biased reproductive strategies in a Hungarian gypsy population. *Proceedings of the Royal Society of London, Series B* 264:17-22.
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- Keller, Matthew C., Randolph M. Nesse, and Sandra Hofferth (2001) The Trivers-Willard hypothesis of parental investment: no effect in the contemporary United States. *Evolution and Human Behavior* 22(5):343-360.
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### **Demographic Transition (Feb. 11)**

- Fieder, M and S Huber (2007) The effects of sex and childlessness on the association between status and reproductive output in modern society. *Evolution and Human Behavior* 28(6):392-398.
- Leonetti, Donna L., D. C. Nath, and N. S. Hemam (2007) The behavioral ecology of family planning - Two ethnic groups in Northeast India. *Human Nature* 18(3):225-241.
- Low, Bobbi, Carl P. Simon, and Kermyt G. Anderson (2002) An evolutionary ecological perspective on demographic transitions: Modeling multiple currencies. *American Journal of Human Biology* 14:149-167.
- Mace, Ruth (2000) An adaptive model of human reproductive rate where wealth is inherited: Why people have small families. In *Adaptation and human behavior: An anthropological perspective*, ed. Lee Cronk, Napoleon Chagnon, and William Irons, pp. 261-281. Hawthorne, NY: Aldine de Gruyter.
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### **Kin Groups (Feb. 13)**

- Anderson, Kermyt G. (2000) The life histories of American stepfathers in evolutionary perspective. *Human Nature* 11(4):307-333.
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### **Cooperation 1: Reciprocity (Feb. 15)**

- Bliege Bird, Rebecca L., et al. (2002) Risk and reciprocity in Meriam food sharing. *Evolution and Human Behavior* 23(4):297-321.
- Gilby, Ian C. (2006) Meat sharing among the Gombe chimpanzees: harassment and reciprocal exchange. *Animal Behaviour* 71(4):953-963.
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### **Cooperation 2: Alternatives to Reciprocity (Feb. 20)**

- Burnham, TC and B Hare (2007) Engineering human cooperation - Does involuntary neural activation increase public goods contributions? *Human Nature* 18(2):88-108.
- Hagen, Edward H., , and Peter Hammerstein (2006) Game theory and human evolution: A critique of some recent interpretations of experimental games. *Theoretical Population Biology* 69:339-348.
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### **Cooperation 3: Cooperation and Signaling (Feb. 22)**

- Barclay, Pat and Robb Willer (2007) Partner choice creates competitive altruism in humans. *Proceedings of the Royal Society of London, Series B* 274:749-753.
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### **Collective Action (Feb. 25 or 27)**

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Bauch, C.T., A.P. Galvani, and D.J.D. Earn (2003) Group interest versus self-interest in smallpox vaccination policy. *Proceedings of the National Academy of Sciences USA* 100(18):10564-10567.

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Panchanathan, Karthik and Rob Boyd (2004) Indirect reciprocity can stabilize cooperation without the second-order free rider problem. *Nature* 432:499-502.

- Reyes-García, Victoria, et al. (2006) Personal and group incentives to invest in prosocial behavior: A study in the Bolivian Amazon. *J. of Anthropological Research* 62(1):81-101.
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### **Collective Action & Religion (Feb. 29)**

- Irons, William (2001) Religion as a hard-to-fake sign of commitment. In *Evolution and the capacity for commitment*, ed. Randolph M. Nesse, pp. 292-309. NY: Russell Sage Foundation.
- Johnson, Dominic D. P. (2005) God's punishment and public goods: A test of the supernatural punishment hypothesis in 186 world cultures. *Human Nature* 16(4):410-446.
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- Rossano, Matt J. (2007) Supernaturalizing social life: religion and the evolution of human cooperation. *Human Nature* 18(3):272-294.
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