ANTH7009: Primate Behaviour and Ecology: Professor Volker Sommer



1

Bartlett, T. Q., Sussman, R. W. & Cheverud, J. M. Infant killing in primates: a review of observed cases with specific reference to the sexual selection hypothesis. American Anthropologist **95**, 958–990 (1993).

2.

Machiavellian Intelligence II. (Cambridge University Press, 1997). doi:10.1017/CBO9780511525636.

3.

Bercovitch, F. B. Male rank and reproductive activity in Savanna baboons. International Journal of Primatology **7**, 533–550 (1986).

4.

Bercovitch, F. B. Sex-biased parental investment in primates . International Journal of Primatology **23**, 905–921 (2002).

5.

Boesch, Christophe & Boesch-Achermann, Hedwige. Dim forest, bright chimps. Natural history **50**, 52–56 (1991).

Boesch, Christophe & Boesch, Hedwige. Part III.9: Diversity of tool use and tool-making in wild chimpanzees. in The use of tools by human and non-human primates vol. Symposia of the Fyssen Foundation (Clarendon Press, 1993).

7.

Borries et. al., C. DNA analyses support the hypothesis that infanticide is adaptive in langur monkeys. Proceedings: Biological Sciences **266**, 901–904 (1999).

8.

Brown, G. R. Reconsidering the null hypothesis: is maternal rank associated with birth sex ratios in primate groups? Proceedings of the National Academy of Sciences **99**, 11252–11255 (2002).

9.

Brown, G. Sex-biased investment in nonhuman primates: can Trivers & Willard's theory be tested? Animal Behaviour **61**, 683–694 (2001).

10.

Cheney, D. L. & Seyfarth, R. M. Vervet monkey alarm calls: manipulation through shared information? Behaviour **94**, 150–166 (1985).

11.

Cowlishaw, G. & Dunbar, R. Dominance rank and mating success in male primates. Animal Behaviour **41**, 1045–1056 (1991).

12.

Dawkins, Richard. Nice guys finish first. in The selfish gene (Oxford University Press, 2006).

de Waal, F. B. M. How animals do business. Scientific American 292, 72-79 (2005).

14.

Dixson, A.F. Mating tactics and reproductive success. in Primate sexuality: comparative studies of the prosimians, monkeys, apes, and human beings (Oxford University Press, 1998).

15.

Domb, L. G. & Pagel, M. Sexual swellings advertise female quality in wild baboons. Nature **410**, 204–206 (2001).

16.

Eberle, M. & Kappeler, P. M. Family insurance: kin selection and cooperative breeding in a solitary primate (Microcebus murinus). Behavioral Ecology and Sociobiology **60**, 582–588 (2006).

17.

Ellis, L. & Blanchard, R. Birth order, sibling sex ratio, and maternal miscarriages in homosexual and heterosexual men and women. Personality and Individual Differences **30**, 543–552 (2001).

18.

Fowler, A. & Sommer, V. Subsistence technology of Nigerian chimpanzees. International Journal of Primatology **28**, 997–1023 (2007).

19.

Fowler, A., Koutsioni, Y. & Sommer, V. Leaf-swallowing in Nigerian chimpanzees: evidence for assumed self-medication. Primates 48, 73–76 (2006).

Fuentes, A. Re-evaluating primate monogamy. American Anthropologist **100**, 890–907 (1998).

21.

Goodall, Jane. The mind of the chimpanzee. in Through a window: thirty years with the chimpanzees of Gombe (Phoenix, 2000).

22.

Higham, J. P., MacLarnon, A. M., Ross, C., Heistermann, M. & Semple, S. Baboon sexual swellings: Information content of size and color. Hormones and Behavior **53**, 452–462 (2008).

23.

Hohmann, Gottfried et al. Frugivory and gregariousness of Salonga bonobos and Gashaka chimpanzees. in Feeding ecology in apes and other primates: ecological, physical, and behavioral aspects vol. Cambridge studies in biological and evolutionary anthropology (Cambridge University Press, 2006).

24.

Humle, T. & Matsuzawa, T. Ant-dipping among the chimpanzees of Bossou, Guinea, and some comparisons with other sites. American Journal of Primatology **58**, 133–148 (2002).

25.

Kappeler, P. M. & van Schaik, C. P. Evolution of primate social systems. International Journal of Primatology **23**, 707–740 (2002).

26.

Kirkpatrick, R. C. The evolution of human homosexual behavior. Current Anthropology **41**, 385–413 (2000).

27.

Koenig, A. Competition for resources and its behavioral consequences among female primates . International Journal of Primatology **23**, 759–783 (2002).

28.

Menzel, Emil, W. Group of young chimpanzees in a 1-acre field. in Machiavellian intelligence: extensions and evaluations, II (Cambridge University Press, 1997).

29.

Sommer, Volker & and Reichard, Ulrich. Rethinking monogamy: the gibbon case. in Primate males: causes and consequences of variation in group composition (Cambridge University Press, 2000).

30.

van Schaik, C.P. The ecology of social relationships amongst female primates. in Comparative socioecology: the behavioural ecology of humans and other mammals vol. Special publications series of the British Ecological Society (Blackwell Scientific, 1989).

31.

LeVay, S. & Hamer, D. H. Evidence for a Biological Influence in Male Homosexuality. Scientific American **270**, 44–49 (1994).

32.

Mastripieri, Dario. Social structure, infant handling, and mothering styles in group-living old world monkeys. International journal of primatology **15**,.

33.

Sommer, Volker. Against nature?! An epilogue about animal sex and the moral dimension. in Homosexual behaviour in animals: an evolutionary perspective (Cambridge University Press, 2006).

34.

Michael Tomasello. The question of chimpanzee culture. in Chimpanzee cultures (Published by Harvard University Press in cooperation with the Chicago Academy of Sciences, 1994).

35.

Stanford, Craig B. The ape's gift: meat-eating, meat-sharing and human evolution. in Tree of origin: what primate behavior can tell us about human social evolution (Harvard University Press, 2001).

36.

Relethford, J. H. Classification of the hominoids. in The human species: an introduction to biological anthropology (McGraw-Hill, 2006).

37.

COWLISHAW, G. & DUNBAR, R. Dominance rank and mating success in male primates. Animal Behaviour **41**, 1045–1056 (1991).

38.

Whiten, A. & Boesch, C. The cultures of chimpanzees. Scientific American **284**, 48–55 (1999).

39.

Whiten, A. & Boesch, C. The Cultures of Chimpanzees. Scientific American **284**, 60–67 (2001).

40.

Haslam, M. et al. Primate archaeology. Nature 460, 339-344 (2009).

Higham, J. P. et al. Living on the edge: life-history of olive baboons at Gashaka-Gumti National Park, Nigeria. American Journal of Primatology **71**, 293–304 (2009).

42.

Schöning, C., Humle, T., Möbius, Y. & McGrew, W. C. The nature of culture: Technological variation in chimpanzee predation on army ants revisited. Journal of Human Evolution **55**, 48–59 (2008).

43.

Hrdy, S. B. Meet the Alloparents: Shared child care may be the secret of human evolutionary success. Natural History.

44.

MANSON, J. H. Infant handling in wildCebus capucinus: testing bonds between females? Animal Behaviour **57**, 911–921 (1999).

45.

McKenna, J. J. The Evolution of Allomothering Behavior among Colobine Monkeys: Function and Opportunism in Evolution. American Anthropologist **81**, 818–840 (1979).

46.

Milinski et al , M. Donors to Charity Gain in Both Indirect Reciprocity and Political Reputation. Proceedings of the Royal Society of London 881–883.

47.

Morgan, B. J. & Abwe, E. E. Chimpanzees use stone hammers in Cameroon. Current Biology **16**, R632–R633 (2006).

48.

Palombit, R. A., Cheney, D. L. & Seyfarth, R. M. Female-female competition for male

'friends' in wild chacma baboons (Papio cynocephalus ursinus). Animal Behaviour **61**, 1159–1171 (2001).

49.

PARISH, A. R., DE WAAL, F. B. M. & HAIG, D. The Other "Closest Living Relative": How Bonobos (Pan paniscus) Challenge Traditional Assumptions about Females, Dominance, Intra- and Intersexual Interactions, and Hominid Evolution. Annals of the New York Academy of Sciences **907**, 97–113 (2006).

50.

Paul, A. The socioecology of infant handling in primates: Is the current model convincing? Primates **40**, 33–46 (1999).

51.

Paul, A. Sexual Selection and Mate Choice . International Journal of Primatology 23, 877–904 (2002).

52.

Reichard, U. & Sommer, V. Group Encounters in Wild Gibbons (Hylobates Lar): Agonism, Affiliation, and the Concept of Infanticide. Behaviour **134**, 1135–1174 (1997).

53.

Santos, L. R., Nissen, A. G. & Ferrugia, J. A. Rhesus monkeys, Macaca mulatta, know what others can and cannot hear. Animal Behaviour **71**, 1175–1181 (2006).

54.

Schöning, C., Ellis, D., Fowler, A. & Sommer, V. Army ant prey availability and consumption by chimpanzees (Pan troglodytes vellerosus) at Gashaka (Nigeria). Journal of Zoology **271**, 125–133 (2007).

Schradin, C. & Anzenberger, G. Costs of infant carrying in common marmosets, Callithrix jacchus: an experimental analysis. Animal Behaviour **62**, 289–295 (2001).

56.

Setchell, J. M., Charpentier, M. & Wickings, E. J. Mate guarding and paternity in mandrills: factors influencing alpha male monopoly. Animal Behaviour **70**, 1105–1120 (2005).

57.

Silk, J. B. Females, food, family, and friendship. Evolutionary Anthropology: Issues, News, and Reviews **11**, 85–87 (2002).

58.

Silk, J. B. Kin Selection In Primate Groups . International Journal of Primatology **23**, 849–875 (2002).

59.

Soltis, J. Do primate females gain nonprocreative benefits by mating with multiple males? Theoretical and empirical considerations. Evolutionary Anthropology: Issues, News, and Reviews 11, 187–197 (2002).

60.

Sommer, V., Denham, A. & Little, K. Postconflict behaviour of wild Indian langur monkeys: avoidance of opponents but rarely affinity. Animal Behaviour **63**, 637-648 (2002).

61.

Stanford, C. B. The Social Behavior of Chimpanzees and Bonobos: Empirical Evidence and Shifting Assumptions. Current Anthropology **39**, 399–420 (1998).

62.

VAN SCHAIK, C. P. & Dunbar, R. I. M. The Evolution of Monogamy in Large Primates: a New

Hypothesis and Some Crucial Tests. Behaviour 115, 30-61 (1990).

63.

West, S. A., Griffin, A. S. & Gardner, A. Evolutionary Explanations for Cooperation. Current Biology **17**, R661–R672 (2007).

64.

Whiten, A. The second inheritance system of chimpanzees and humans. Nature **437**, 52–55 (2005).

65

Whiten, A. et al. Cultures in chimpanzees. Nature 399, 682-685 (1999).

66.

Wildman, D. E. Implications of natural selection in shaping 99.4% nonsynonymous DNA identity between humans and chimpanzees: Enlarging genus Homo. Proceedings of the National Academy of Sciences 100, 7181–7188 (2003).

67.

Widdig, A. Paternal relatedness and age proximity regulate social relationships among adult female rhesus macaques. Proceedings of the National Academy of Sciences **98**, 13769–13773 (2001).

68.

Sommer, V. The holy wars about infanticide. Which side are you on? And why? in Infanticide by males and its implications 2–26 (Cambridge University Press, 2000).

69.

Volker Sommer. The holy wars about infanticide. Which side are you on? And why? in Infanticide by males and its implications 9–26 (Cambridge University Press, 2000).

70.

van Noordwijk, M. A. & van Schaik, C. P. Sexual selection and the careers of primate males: paternity concentration, dominance acquisition tactics and transfer decisions. in Sexual selection in primates: new and comparative perspectives 208–229 (Cambridge University Press, 2004).

71.

van Schaik, C. Infanticide by male primates: the sexual selection hypothesis revisited. in Infanticide by males and its implications 27–60 (Cambridge University Press, 2000).