

# BI3EK7 - BEHAVIOURAL ECOLOGY & LIFE HISTORY THEORY

[View Online](#)

- 
1. Davies NB, Krebs JR, West SA. An introduction to behavioural ecology [Internet]. 4th ed. Chichester: Wiley-Blackwell; 2012. Available from: <https://ebookcentral.proquest.com/lib/reading/detail.action?docID=862786>
  
  2. Nordell SE, Valone TJ. Animal behavior: concepts, methods, and applications. Third edition. New York, NY: Oxford University Press; 2021.
  
  3. Clutton-Brock TH. Mammal societies [Internet]. Chichester, West Sussex: John Wiley & Sons; 2016. Available from: <http://reading.eblib.com/patron/FullRecord.aspx?p=4514486>
  
  4. Clutton-Brock TH. Mammal societies [Internet]. Chichester, West Sussex: John Wiley & Sons; 2016. Available from: <http://reading.eblib.com/patron/FullRecord.aspx?p=4514486>
  
  5. Owens IPF. Where is behavioural ecology going? Trends in ecology and evolution [Internet]. 2006;21(7). Available from: <https://go.openathens.net/redirector/reading.ac.uk?url=http://www.sciencedirect.com/science/article/pii/S0169534706001017>

- 6.
- Pagel M. Encyclopedia of evolution. Oxford: Oxford University Press; 2002.
- 7.
- James H. Brown and Richard M. Sibly. Life-History Evolution under a Production Constraint. *Proceedings of the National Academy of Sciences of the United States of America* [Internet]. 2006;103(47):17595–9. Available from: [http://www.jstor.org.idpproxy.reading.ac.uk/stable/30052507?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org.idpproxy.reading.ac.uk/stable/30052507?seq=1#page_scan_tab_contents)
- 8.
- Shettleworth SJ. Cognition, evolution, and behavior [Internet]. 2nd ed. Oxford: Oxford University Press; 2010. Available from: <https://ebookcentral.proquest.com/lib/reading/detail.action?docID=472379>
- 9.
- Waal FBM de. Are we smart enough to know how smart animals are? First edition. New York: W.W. Norton & Company; 2016.
- 10.
- Sherry DF, Hoshooley JS. Seasonal hippocampal plasticity in food-storing birds. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 2010 Mar 27;365(1542):933–43.
- 11.
- Pfeiffer BE, Foster DJ. Hippocampal place-cell sequences depict future paths to remembered goals. *Nature*. 2013;497(7447):74–9.
- 12.
- Weir AAS, Chappell J, Kacelnik A. Shaping of Hooks in New Caledonian Crows. *Science*.

2002 Aug 9;297(5583).

13.

Auersperg AMI, Kacelnik A, von Bayern AMP. Explorative Learning and Functional Inferences on a Five-Step Means-Means-End Problem in Goffin's Cockatoos (*Cacatua goffini*). PLoS ONE. 2013;8(7).

14.

Loukola OJ, Perry CJ, Coscos L, Chittka L. Bumblebees show cognitive flexibility by improving on an observed complex behavior. Science. 2017 Feb 24;355(6327):833-6.

15.

Custance D, Mayer J. Empathic-like responding by domestic dogs (*Canis familiaris*) to distress in humans: an exploratory study. Animal Cognition. 2012;15(5):851-9.

16.

Jason S. Gilchrist and Andrew F. Russell. Who cares? Individual contributions to pup care by breeders vs non-breeders in the cooperatively breeding banded mongoose (*Mungos mungo*). Behavioral Ecology and Sociobiology. 2007;61(7):1053-60.

17.

Mosser A, Packer C. Group territoriality and the benefits of sociality in the African lion, *Panthera leo*. Animal Behaviour. 2009;78(2):359-70.

18.

Packer, C., Gilbert, D A. et al. A Molecular Genetic Analysis of Kinship and Cooperation in African Lions. Nature [Internet]. 1991;351(6327). Available from:  
<http://search.proquest.com.idpproxy.reading.ac.uk/docview/204443648/A8ED09F78AE047CAPQ/1?accountid=13460>

19.

Mitani JC, Watts DP, Amsler SJ. Lethal intergroup aggression leads to territorial expansion in wild chimpanzees. *Current Biology*. 2010;20(12):R507–8.

20.

Nathan J. Emery and Nicola S. Clayton. The Mentality of Crows: Convergent Evolution of Intelligence in Corvids and Apes. *Science*. 2004;306(5703):1903–7.

21.

Okasha S. Altruism researchers must cooperate. *Nature*. 2010;467(7316):653–5.

22.

Sibly RM, Curnow RN. Evolution of discrimination in populations at equilibrium between selfishness and altruism. *Journal of Theoretical Biology*. 2012;313:162–71.

23.

Paul W. Sherman. Nepotism and the Evolution of Alarm Calls. *Science*. 1977;197(4310):1246–53.

24.

T. H. Clutton-Brock, M. J. O'Riain, P. N. M. Brotherton, D. Gaynor, R. Kansky, A. S. Griffin and M. Manser. Selfish Sentinels in Cooperative Mammals. *Science*. 1999;284(5420):1640–4.

25.

Tim Clutton-Brock. Breeding Together: Kin Selection and Mutualism in Cooperative Vertebrates. *Science*. 2002;296(5565):69–72.

26.

Horsfall JA. Brood reduction and brood division in coots. *Animal Behaviour*. 1984;32(1):216–25.

27.

Burke T, Daviest NB, Bruford MW, Hatchwell BJ. Parental care and mating behaviour of polyandrous dunnocks *Prunella modularis* related to paternity by DNA fingerprinting. *Nature*. 1989 Mar;338:249–51.

28.

Emlen, Stephen TWrege, Peter H. Parent-Offspring Conflict and the Recruitment of Helpers Among Bee-Eaters. *Nature*. 1992;356(6367):331–3.

29.

Krakauer AH. Kin selection and cooperative courtship in wild turkeys. *Nature*. 2005;434(7029):69–72.

30.

Hatchwell BJ, Gullett PR, Adams MJ. Helping in cooperatively breeding long-tailed tits: a test of Hamilton's rule. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 2014 Mar 31;369(1642):20130565–20130565.

31.

The evolution of eusociality. *Nature*. 2010;466(7310):1057–62.

32.

Samuel Bowles. Group Competition, Reproductive Leveling, and the Evolution of Human Altruism. *Science*. 2006;314(5805):1569–72.

33.

Silk JB. The evolutionary roots of lethal conflict. *Nature*. 2014;513(7518):321–2.

34.

Van Belle S, Scarry CJ. Individual participation in intergroup contests is mediated by numerical assessment strategies in black howler and tufted capuchin monkeys. Philosophical Transactions of the Royal Society B: Biological Sciences. 2015 Dec 5;370(1683).

35.

Brosnan SF, de Waal FBM. Monkeys reject unequal pay. Nature. 2003 Sep 18;425(6955):297-9.

36.

Range F, Horn L, Viranyi Z, Huber L. The absence of reward induces inequity aversion in dogs. Proceedings of the National Academy of Sciences. 2009 Jan 6;106(1):340-5.

37.

Essler JL, Marshall-Pescini S, Range F. Domestication Does Not Explain the Presence of Inequity Aversion in Dogs. Current Biology. 2017 Jun;27(12):1861-1865.e3.

38.

MASSEN JJM, VAN DEN BERG LM, SPRUIJT BM, STERCK EHM. Inequity aversion in relation to effort and relationship quality in long-tailed Macaques (*Macaca fascicularis*). American Journal of Primatology. 2012 Feb;74(2):145-56.

39.

Brosnan SF, Talbot C, Ahlgren M, Lambeth SP, Schapiro SJ. Mechanisms underlying responses to inequitable outcomes in chimpanzees, *Pan troglodytes*. Animal Behaviour. 2010 Jun;79(6):1229-37.

40.

Wascher CAF, Bugnyar T. Behavioral Responses to Inequity in Reward Distribution and Working Effort in Crows and Ravens. PLoS ONE. 2013 Feb 20;8(2).

41.

Proctor D, Williamson RA, de Waal FBM, Brosnan SF. Chimpanzees play the ultimatum game. *Proceedings of the National Academy of Sciences*. 2013 Feb 5;110(6):2070-5.

42.

Brosnan SF, de Waal FBM. Evolution of responses to (un)fairness. *Science*. 2014 Oct 17;346(6207):1251776-1251776.

43.

Clutton-Brock, T H Parker, G A. Punishment in animal societies. *Nature*. 1995;373(6511):209-16.

44.

Leah G. Domb. Sexual swellings advertise female quality in wild baboons. *Nature*. 2001;410(6825).

45.

DAVIES NB, HALLIDAY TR. Optimal mate selection in the toad *Bufo bufo*. *Nature*. 1977 Sep;269(5623):56-8.

46.

Burke T, Daviest NB, Bruford MW, Hatchwell BJ. Parental care and mating behaviour of polyandrous dunnocks *Prunella modularis* related to paternity by DNA fingerprinting. *Nature*. 1989 Mar;338:249-51.

47.

Deutsch, James CNefdt, Rory J C. Olfactory Cues Influence Female Choice in Two Lek-Breeding Antelopes. *Nature*. 1992;356(6370):596-8.

48.

NISBET ICT. Courtship-feeding, Egg-size and Breeding Success in Common Terns. Nature. 1973 Jan;241:141-2.

49.

Petrie M. Improved growth and survival of offspring of peacocks with more elaborate trains. Nature. 1994;371:598-9.

50.

Improved growth and survival of offspring of peacocks with m. Nature [Internet]. 1994;371(6498). Available from:  
<http://search.proquest.com/docview/204458732/fulltextPDF/5B9527ABE23B434EPQ/1?accountid=13460>