

## Publications by Barbara König

<https://orcid.org/0000-0001-7696-4736>

Evans, JC; Lindholm, AK & König, B (2021) Family dynamics reveal that female house mice preferentially breed in their maternal community. *bioRxiv*. Posted: 31 January 2021. doi: <https://doi.org/10.1101/2021.01.29.428775>. Not refereed.

Bond, ML; Lee, DE; Farine, DR; Ozgul A & König, B (2021) Sociability increases survival of adult female giraffes. *Proceedings of the Royal Society London B* 288: 20202770. Published online: 10 February 2021. doi: 10.1098/rspb.2020.2770.

Gerber, N\*; Auclair, Y\*; König, B & Lindholm, AK (2021) Population density and temperature influence the return on maternal investment in wild house mice. *Frontiers in Ecology and Evolution* 8: 602359. Published online: 2 February 2021. doi: 10.3389/fevo.2020.602359. \*joint first authors.

Bond, ML; König, B; Lee, DE; Ozgul, A & Farine, DR (2021) Proximity to humans affects local social structure in a giraffe metapopulation. *Journal of Animal Ecology* 90: 212-221. Published online: 8 June 2020. doi: 10.1111/1365-2656.13247. Cover photo.

Evans, JC; Lindholm, AK & König, B (2021) Long-term overlap of social and genetic structure in free-ranging house mice reveals dynamic seasonal and group size effects. *Current Zoology* 67(1): 59-69. Published online: 18 June 2020. doi: 10.1093/cz/zoaa030. Cover photo.

Evans, JC; Liechti, JI; Silk, MJ; Bonhoeffer, S & König, B (2020) Quantifying the influence of space on social group structure. *bioRxiv*. Posted: 11 December 2020. doi: <https://doi.org/10.1101/2020.12.10.419317>. Not refereed.

Manser, A; König, B & Lindholm, AK (2020) Polyandry blocks gene drive in a wild house mouse population. *Nature Communications* 11: 5590. Published online: 4 November 2020. doi: 10.1038/s41467-020-18967-8.

Lopes, PC & König, B (2020) Wild mice with different social network sizes vary in brain gene expression. *BMC Genomics* 21: 506. Published online: 22 July 2020. doi: <https://doi.org/10.1186/s12864-020-06911-5>.

Auclair, Y; Gerber, N; König, B & Lindholm, AK (2020) Population density and temperature influence the return on maternal investment in wild house mice. *bioRxiv*. Posted: 1 July 2020. doi: <https://doi.org/10.1101/2020.06.30.177089>. Not refereed.

Bond, ML; König, B; Lee, DE; Ozgul, A & Farine, DR (2020) Proximity to humans affects local social structure in a giraffe metapopulation. *Journal of Animal Ecology*. Published online: 8 June 2020. doi: 10.1111/1365-2656.13247.

Evans, JC; Liechti, JI; Boatman, B & König, B (2020) A natural catastrophic turnover event: Individual sociality matters despite community resilience in wild house mice. *Proceedings of the Royal Society London B* 287: 20192880. Published online: 6 May 2020. doi: 10.1098/rspb.2019.2880.

Liechti, JI; Qian, B; König, B & Bonhoeffer, S (2020) Contact patterns reveal a stable dynamic community structure with fission-fusion dynamics in wild house mice. *bioRxiv*. Posted: 26 February 2020. doi: <https://doi.org/10.1101/2020.02.24.963512>. Not refereed.

Lopes, PC; Carlitz, EHD; Kindel, M & König, B (2020) Immune-endocrine links to gregariousness in wild house mice. *Frontiers in Behavioral Neuroscience* 14: 10. Published online: 5 February 2020. doi: 10.3389/fnbeh.2020.00010.

Carlitz, EHD; Runge, J-N; König, B; Winkler, L; Kirschbaum, C; Gao, W & Lindholm, AK (2019) Steroid hormones in hair reveal sex-specific patterns of sexual maturity and reproductive competition in wild house mice (*Mus musculus domesticus*). *Scientific Reports* 9: 16925. Published online: 15 November 2019. doi.org/10.1038/s41598-019-53362-4.

Bond, ML; Lee, DE; Ozgul, A & König, B (2019) Fission-fusion dynamics of a megaherbivore are driven by ecological, anthropogenic, temporal, and social factors. *Oecologia*. Published online: 27 August 2019. doi.org/10.1007/s00442-019-04485-y. Cover photo.

Knüsel, MA; Lee, DE; König, B & Bond, ML (2019) Correlates of home range sizes of giraffes, *Giraffa camelopardalis*. *Animal Behaviour*. *Animal Behaviour* 149: 143-151. Published online: 21 February 2019. doi: 10.1016/j.anbehav.2019.01.017.

Ferrari, M; Lindholm, AK & König, B (2019) Fitness consequences of female alternative reproductive tactics in house mice (*Mus musculus domesticus*). *American Naturalist* 193(1): 106-124. Published online: 15 November 2018. doi.org/10.1086/700567.

Lopes, PC; Block, P; Pontiggia, A; Lindholm, AK & König, B (2018) No evidence for kin protection in the expression of sickness behaviors in house mice. *Scientific Reports* 8:16682. Published online: 12 November 2018. doi: 10.1038/s41598-018-35174-0.

Weidt, A; Gygax, L; Palme, R; Touma, C & König, B (2018) Impact of male presence on female sociality and stress endocrinology in wild house mice (*Mus musculus domesticus*). *Physiology & Behavior* 189: 1-9. Published online: 19 February 2018. doi.org/10.1016/j.physbeh.2018.02.039. Cover photo.

Harrison, N; Lindholm, AK; Dobay, A; Halloran, O; Manser, A & König, B (2018) Female nursing partner choice in a population of wild house mice (*Mus musculus domesticus*). *Frontiers in Zoology* 15: 4. Published online: 20 February 2018. doi.org/10.1186/s12983-018-0251-3.

Ferrari, M & König, B (2017) No evidence for punishment in communally nursing female house mice (*Mus musculus domesticus*). *PLoS ONE* 12(6): e0179683. Published online: 22 June 2017. doi: 10.1371/journal.pone.0179683.

Harrison, N; Lopes, PC & König, B (2017) Oxytocin administration during early pair formation delays communal breeding in female house mice. *Animal Behaviour* 123: 61-68. Published online: 19 November 2016. doi: 10.1016/j.anbehav.2016.10.030.

Lopes, PC; Block, P & König, B (2016) Infection-induced behavioural changes reduce connectivity and the potential for disease spread in wild mice contact networks. *Scientific Reports* 6:31790. Published online: 22 August, 2016 doi: 10.1038/srep31790.

Ferrari, M; Lindholm, AK & König, B (2016). A reduced propensity to cooperate under enhanced exploitation risk in a social mammal. *Proceedings of the Royal Society London B* 283: 20160068. Published online: 11 May, 2016 doi: 10.1098/rspb.2016.0068.

- Brunner, P; Schoepf, I; Yuen, C-H; König, B & Schradin, C (2016) Does a mouse have a friend? Mixed evidence for individual recognition in the African striped mouse (*Rhabdomys pumilio*). *Journal of Zoology* 299: 142-149. Published online: April, 2016 doi: 10.1111/jzo.12333.
- Harrison, N; Lopes, PC & König, B (2016) Oxytocin and social preferences in female house mice (*Mus musculus domesticus*). *Ethology* 122: 1-11. Published online: 25 May, 2016 doi: 10.1111/eth.12505.
- Lopes, PC & König, B (2016) Choosing a healthy mate: sexually attractive traits as reliable indicators of current disease status in house mice. *Animal Behaviour* 111: 119-126. Published online: 16 November 2015 <http://dx.doi.org/10.1016/j.anbehav>.
- Dobay, A; Pilo, P; Lindholm, AK; Origgi, F; Bagheri, HC & König, B (2015) Dynamics of a tularemia outbreak in a closely monitored free-roaming population of wild house mice. *PLoS ONE* 10(11): e0141103. Published online: 4 November 2015: doi: 10.1371/journal.pone.0141103.
- Ferrari, M; Lindholm, AK & König, B (2015) The risk of exploitation during communal nursing in house mice (*Mus musculus domesticus*). *Animal Behaviour* (2015) 110: 133-143. Published online: 26 October 2015: doi: 10.1016/j.anbehav.2015.09.018.
- König, B; Lindholm, AK; Lopes, PC; Dobay, A; Steinert, S & Buschmann, J-UF (2015) A system for automatic recording of social behavior in a free-living wild house mouse population. *Animal Biotelemetry* 3: 39. Published online: 5 October 2015: doi: 10.1186/s40317-015-0069-0.
- Manser, A; König, B & Lindholm, AK (2015) Female house mice avoid fertilization by *t* haplotype incompatible males in a mate choice experiment. *Journal of Evolutionary Biology* 28: 54-64. Published online: 14 December 2014: doi:10.1111/jeb.12525.
- Origgi, F; König, B; Lindholm, AK; Mayor, D & Pilo, P (2015) Tularemia among free-ranging mice without infection of exposed humans, Switzerland, 2012. *Emerging Infectious Diseases* 21(1): 133-135. Published online: December 2014: doi: <http://dx.doi.org/10.3201/eid2101.140906>.
- Schoepf, I; Schmohl, G; König, B; Pillay, N & Schradin, C (2015) Manipulation of population density and food availability affects home-range sizes of African striped mouse females. *Animal Behaviour* 99: 53-60. Published online: 24 November 2014: doi:10.1016/j.anbehav.2014.10.002. Featured Article in "This Month's *Animal Behaviour*" (by Sendova-Franks, A).
- Auclair, Y; König, B & Lindholm, AK (2014) Socially mediated polyandry: a new benefit of communal nesting in mammals. *Behavioral Ecology*. Published online: 28 August 2014: doi:10.1093/beheco/aru143.
- Auclair, Y; König, B; Ferrari, M; Perony, N & Lindholm, AK (2014) Nest attendance of lactating females in a wild house mouse population: benefits associated with communal nesting. *Animal Behaviour* 92: 143-149. Published online: 6 May 2014. doi:10.1016/j.anbehav.2014.03.008. Featured Article in "This Month's *Animal Behaviour*" (by Sendova-Franks, A).
- Ferrari, M; Lindholm, AK & König, B (2014) A genetic tool to manipulate litter size. *Frontiers in Zoology* 11: 18. Published online: 24 February 2014: doi:10.1186/1742-9994-11-18.

- Weidt, A; Lindholm, AK & König, B (2014) Communal nursing in wild house mice is not a by-product of group living: females choose. *Naturwissenschaften* 101(1): 73-76. Published online: 4 January 2014: doi:10.1007/s00114-013-1130-6.
- Auclair, Y; König, B & Lindholm, AK (2013) A selfish genetic element influencing longevity correlates with reactive behavioural traits in female house mice (*Mus domesticus*). *PLoS ONE* 8(6): e67130. Published online: 24 June 2013: doi:10.1371/journal.pone.0067130.
- Kerth, G; Gusset, M; Garbely, J; König, B; Gabanapelo, T & Schiess-Meier, M (2013) Genetic sexing of stock-raiding leopards: not only males to blame. *Conservation Genetics Resources*. 5(4): 1101-1105. Published online: 9 June 2013: doi: 10.1007/s12686-013-9979-4.
- Lindholm, A; Musolf, K; Weidt, A & König, B (2013) Mate choice for genetic compatibility in the house mouse. *Ecology & Evolution*. 3(5): 1231-1247. Published online: 20 March 2013: doi: 10.1002/ece3.534.
- Perony, N; Tessone, C; König, B & Schweitzer, F (2012) How random is social behaviour? Disentangling social complexity through the study of a wild house mouse population. *PLoS Computational Biology* 8(11): e1002786. Published online: 29 Nov 2012: doi: 10.1371/journal.pcbi.1002786.
- Manser, A; Lindholm, AK; König, B & Bagheri, H (2012) The effect of polyandry on a distorter system with differential viabilities in the sexes. *Communicative and Integrative Biology* 5(6): 1-3. Published online: 24 Aug 2012: doi.org/10.4161/cib.21955.
- Schradin, C; Lindholm, AK; Johannesen, J; Schoepf, I; Yuen, C-H; König, B & Pillay, N (2012) Social flexibility and social evolution in mammals: a case study of the African striped mouse (*Rhabdomys pumilio*). *Molecular Ecology* 21: 541-553. Published online: 1 Sept 2011: doi 10.1111/j.1365-294X.2011.05256.x
- Kistler, C; Hegglin, D; Würbel, H & König, B (2011) Preference for structured environment in zebrafish (*Danio rerio*) and checker barbs (*Barbus oligolepis*). *Applied Animal Behaviour Science* 135: 318-327. Published online: 8 November 2011: doi:10.1016/j.applanim.2011.10.014.
- Manser, A; Lindholm, AK; König, B & Bagheri, H (2011) Polyandry and the decrease of a selfish genetic element in a wild house mouse population. *Evolution* 65: 2435-2447. Published online May 2011: doi:10.1111/j.1558-5646.2011.01336.x
- Kistler, C; Hegglin, D; Würbel, H & König, B (2010) Structural enrichment and enclosure use in an opportunistic carnivore: the red fox (*Vulpes vulpes*). *Animal Welfare* 19: 391-400.
- Schradin, C; König, B & Pillay, N (2010) Reproductive competition favours solitary living while ecological constraints impose group-living in African striped mice. *Journal of Animal Ecology* 73: 515-521. Published online: January 2010, doi: 10.1111/j.1365-2656.2009.01651.x.
- Schradin, C; Schmohl, G; Rödel, HG; Schoepf, I; Treffler, SM; Brenner, J; Bleeker, M; Schubert, M; König, B & Pillay, N (2010) Female home range size is regulated by resource distribution and intraspecific competition: a multi-faceted, long term field study on African striped mice. *Animal Behaviour* 79(1): 195-203. Published online: December 2009, doi: 10.1016/j.anbehav.2009.10.027.

- Schradin, C; Scantlebury, M; Pillay, N & König, B (2009) Testosterone levels in dominant sociable males are lower than in solitary roamers: Physiological differences between three male reproductive tactics in a sociably flexible mammal. *American Naturalist* 173(3): 376-388. Published online: 29 January 2009, doi: 10.1086/596535.
- Kistler, C; Hegglin, D; Würbel, H & König, B (2009) Feeding enrichment in an opportunistic carnivore: the red fox. *Applied Animal Behaviour Science* 116: 260-265. Published online: 04 November 2008, doi: 10.1016/j.applanim.2008.09.004.
- Rusu, AS; Krackow, S; Jedelsky, PL; Stopka, P & König, B (2008) A qualitative investigation of Major Urinary Proteins in relation to the onset of aggressive behavior and dispersive motivation in male wild house mice (*Mus musculus domesticus*). *Journal of Ethology* 26(1): 127-135. Published online: 10 May 2007, doi: 10.1007/s10164-007-0042-3.
- Krackow, S & König, B (2008) Microsatellite polymorphisms affecting dispersive syndrome in male wild house mice (*Mus domesticus*). *Behavioral Ecology and Sociobiology* 62: 813-820. Published online: 03 October 2007, doi: 10.1007/s00265-007-0507-y.
- Weidt, A; Hofmann, SE & König, B (2008) Not only mate choice matters: Fitness consequences of social partner choice in female house mice. *Animal Behaviour* 75 (3): 801-808. Published online: 23 October 2007, doi: 10.1016/j.anbehav.2007.06.017.
- Kerth, G; Petrov, B; Conti, A; Anastasov, D; Weishaar, M; Gazaryan, S; Jaquiéry, J; König, B; Perrin, N & Bruyndonckx, N (2008) Communally breeding Bechstein's bats have a stable social system that is independent from the postglacial history and location of the populations. *Molecular Ecology* 17 (10): 2368-2381. Published online: 21 April 2008, doi: 10.1111/j.1365-294X.2008.03768.x.
- Safi, K; König, B & Kerth, G (2007) Sex differences in population genetics, home range size and habitat use of the parti-coloured bat (*Vespertilio murinus*, Linnaeus 1758) in Switzerland and their consequences for conservation. *Biological Conservation* 137 (1): 28-36. Published online: 23 February 2007, doi: 10.1016/j.biocon.2007.01.011.
- Schiess-Meier, M; Ramsauer, S; Gabanapelo, T & König, B (2007) Livestock predation - Insights from problem animal control registers in Botswana. *Journal of Wildlife Management* 71 (4): 1267-1274, doi: 10.2193/2006-177.
- Waiblinger, E & König, B (2007) Housing and husbandry conditions affect stereotypic behaviour in laboratory gerbils. *ALTEX* 24: 67-70.
- Dechmann, DKN; Kalko, EKV; König, B & Kerth, G (2005) Mating system of a neotropical roost making bat: the white-throated, round-eared bat, *Lophostoma silvicolum*. *Behavioral Ecology and Sociobiology* 58: 316-325.
- McElligott, AG; Maggini, I; Hunziger, L & König, B (2004) Interactions between red-billed oxpeckers and black rhinos in captivity. *Zoo Biology* 23: 347-354.
- Rusu, AS; König, B & Krackow, S (2004) Pre-reproductive alliance formation in female wild house mice (*Mus domesticus*): the effects of familiarity and age disparity. *Acta Ethologica* 6: 53-58.

Waiblinger, E & König, B (2004) Refinement of gerbil housing and husbandry in the laboratory. *Animal Welfare* 13: S229-S225.

Späni, D; Arras, M; König, B & Rülcke, T (2003) Higher heart rate of laboratory mice housed individually vs in pairs. *Laboratory Animals* 37: 54-62.

Kerth, G; Safi, K & König, B (2002) Mean colony relatedness is a poor predictor of colony structure and female philopatry in the communally breeding Bechstein's bat. *Behavioral Ecology and Sociobiology* 52: 203-210. Published online: 13 June 2002.

Kerth, G; Wagner, M & König, B (2001) Roosting together, foraging apart: information transfer about food is unlikely to explain sociality in female Bechstein's bats (*Myotis bechsteinii*). *Behavioral Ecology and Sociobiology* 50: 283-291. Published online: 11 May 2001.

Kerth, G; Weissmann, K & König, B (2001) Day roost selection in female Bechstein's bats (*Myotis bechsteinii*): a field experiment to determine the influence of roost temperature. *Oecologia* 126: 1-9. Published online: 17 August 2000.

Schreier, C; Schmid, H & König, B (2001) Untersuchung zur sozialen Struktur zweier Gelbbrustkapuziner-Gruppen (*Cebus apella xanthosternons*) im Zoo Zürich und ihrem Zusammenhang mit dem Fortpflanzungserfolg der beiden Gruppen. *Der Zoologische Garten* 71(6): 413-428.

Kerth, G; Mayer, F & König, B (2000) Mitochondrial DNA (mtDNA) reveals that female Bechstein's bats live in closed societies. *Molecular Ecology* 9: 793-800.

Neuhäusser-Wespy, F & König, B (2000) Living together - feeding apart: How to measure individual food consumption in a social species. *Behavior Research Methods, Instruments, & Computers* 32(1): 169-172.

Grafe, TU; Spieler, M & König, B (1999) Soziobiologische Erklärungsansätze des Verhaltens von Amphibien und Reptilien: aktuelle Theorien und offene Fragen. *Zeitschrift für Feldherpetologie* 6: 1-42.

Kerth, G & König, B (1999) Fission, fusion and nonrandom associations in female Bechstein's bats. *Behaviour* 136: 1187-1202.

Klaus-Hügi, C; Klaus, G; Schmid, B & König, B (1999) Feeding ecology of the Bongo (*Tragelaphus eurycerus*) in the rainforest of the Dzanga National Park, Central African Republic. *Oecologia* 119: 81-90.

König, B (1997) Cooperative care of young in mammals. *Naturwissenschaften* 84: 95-104.

König, B (1996) Natürliche Selektion und kulturelle Evolution - eine Ergänzung. *Ethik und Sozialwissenschaften* 7 (1): 135-136.

Kerth, G & König, B (1996) Transponder and an infrared-videocamera as methods used in a field study on Bechstein's bats (*Myotis bechsteinii*). *Myotis* 34: 27-34.

König, B (1994) Components of lifetime reproductive success in communally and solitarily nursing house mice - a laboratory study. *Behavioral Ecology and Sociobiology* 34 (4): 275-283.

König, B (1994) Fitness effects of communal rearing in house mice: The role of relatedness versus familiarity. *Animal Behaviour* 48: 1449-1457.

König, B (1994) Communal nursing in mammals. *Verh Dtsch Zool Ges* 87.2: 115-127.

König, B (1993) Evolutionsbiologische Grundlagen der Soziobiologie. *Naturwissenschaftliche Rundschau* 5: 169-176.

König, B (1993) Die traurige Wahrheit - aber nur ein Teil der Wahrheit. *Ethik und Sozialwissenschaften* 4 (3): 463-465.

König, B (1993) Maternal investment of communally nursing female house mice (*Mus musculus domesticus*). *Behavioral Processes* 30 (1): 61-74.

Berglund, A; Magnhagen, C; Bisazza, A; König, B & Huntingford, F (1993) Female-female competition over reproduction. *Behavioral Ecology* 4: 184-187.

Belkhir, K; Britton-Davidian, J & König, B (1991) De nouvelles populations robertsoniennes de souris (*Mus musculus domesticus*) au nord des Alpes. *Genome* 34: 658-660.

König, B (1989) Behavioural ecology of kin recognition in house mice. *Ethology Ecology & Evolution* 1: 99-110.

König, B (1989) Kin recognition and maternal care under restricted feeding in house mice (*Mus domesticus*). *Ethology* 82: 328-343.

König, B; Riester, J & Markl, H (1988) Maternal care in house mice: II. The energy cost of lactation as a function of litter size. *Journal of Zoology, Lond* 216: 195-210.

König, B & Markl, H (1987) Maternal care in house mice. I. The weaning strategy as a means for parental manipulation of offspring quality. *Behavioral Ecology and Sociobiology* 20: 1-9.

König, B (1985) Maternal activity budget during lactation in two species of Caviidae (*Cavia porcellus* and *Galea musteloides*). *Zeitschrift für Tierpsychologie* 68: 215-230.

### **Book translation**

Futuyma, D (1990) *Evolutionsbiologie*. Übersetzt und bearbeitet von Barbara König. Birkhäuser-Verlag, Basel; 679 Seiten.

### **Edited book**

König, B & Linsenmair, KE (1996) *Biologische Vielfalt*. Spektrum Verlag, Heidelberg.

## Book chapters

König, B (2014) Haben Tiere eine Kultur – ist unsere Kultur “tierisch”? Zum evolutionären Ort von Kultur. In: Wo ist Kultur? Hrsg.: Forrer T & Linke A, vdf Hochschulverlag AG an der ETH Zürich; pp 57-72.

König, B (2012) The behaviour of the house mouse. In: The Laboratory Mouse, 2<sup>nd</sup> Edition. Series: “Handbook of Laboratory Animal Science”. Ed.: Hedrich, HJ, Elsevier, London; pp 367-381.

König, B & Lindholm, AK (2012) The complex social environment of female house mice (*Mus domesticus*). In: Evolution in Our Neighbourhood. The House Mouse as a Model in Evolutionary Research. Eds.: Macholan, M, Baird, SJE, Munclinger, P & Pialek, J, Cambridge University Press, Cambridge; pp 114-134.

König, B & Saporiti, K (2008) “Wissenschaften erforschen Wissen” - Einleitung. In: Universitäres Wissen teilen. Forschende im Dialog. Hrsg.: Rügger H-U; Arioli M & Murer H, vdf Hochschulverlag AG, Zürich; pp 17-19.

König, B (2006) Non-offspring nursing in mammals. General implications from a case study on house mice. In: Cooperation in Primates and Humans. Mechanisms and Evolution. Eds.: Kappeler, PM & van Schaik, CP, Springer Verlag, Berlin Heidelberg; pp 191-205.

König, B (2002) Konkurrenz und Kooperation im Tierreich. In: Welt ohne Krieg? 11. Würzburger Symposium der Universität Würzburg. Hrsg.: Böhm W & Lindauer M. Klett Verlag, Stuttgart; pp 277-293.

Kerth, G; Wagner, M; Weissmann, K & König, B (2002): Habitat- und Quartiernutzung bei der Bechsteinfledermaus: Hinweise für den Artenschutz. In: Ökologie, Wanderungen und Genetik von Fledermäusen in Wäldern – Untersuchungen als Grundlage für den Fledermausschutz. Hrsg.: Meschede, A; Heller, K-G & Boye, P. Schriftenreihe für Landschaftspflege und Naturschutz, Heft 71, Bundesamt für Naturschutz, Bonn-Bad Godesberg; pp: 99-108.

König, B (2001) Natural selection. In: International Encyclopedia of the Social & Behavioral Sciences. Eds.: Smelser, NJ & Baltes, PB. Pergamon, Oxford; pp 10392-10398.

König, B (1999) Soziobiologie - Ansprüche und Grenzen. In: Konsequenzen der Biologie. Hrsg.: Kubli, E & Reichardt, AK. Klett Verlag, Stuttgart; pp 17-23.

König, B (1999) Fragen und Ziele der Verhaltensbiologie. In: Jahrhundertwissenschaft Biologie. Die grossen Themen. Hrsg.: Sitte, P. C.H. Beck Verlag, München; pp 153-177.

König, B (1998) Verhaltensforschung. In: Lexikon der Bioethik. Hrsg.: Görres-Gesellschaft. Gütersloher Verlagshaus, Gütersloh; pp 2565-2569.

König, B (1998) Kommunikation. In: Enzyklopädie der Psychologie. Band: Vergleichende Psychobiologie. Hrsg.: Irle, E & Markowitsch, HJ. Hogrefe Verlag, Göttingen; pp 739-808.

König, B (1996) Tagungseindrücke. In: Altruismus. Aus der Sicht von Evolutionsbiologie, Philosophie und Theologie. Hrsg.: May, H. Loccumer Protokolle 30/92, Evangelische Akademie Loccum; pp 253-256.



König, B (1995) Motivation, Emotion, Intention - Biologische Modifikatoren jedes Verhaltens. In: Sucht und Sehnsucht. 7. Symposium der Universität Würzburg. Hrsg.: Böhm, W & Lindauer, M. Klett Verlag, Stuttgart; pp 177-189.

König, B (1995) Weiblich/männlich: Zur Soziobiologie der Geschlechter. In: Forschende Frauen. Frauen verändern die Naturwissenschaften. Hrsg.: Pilz, P; Oedekoven, C & Zinssmeister, G. Talheimer Verlag, Mössingen-Talheim; pp 170-184.

König, B (1992) Fortpflanzungsstrategien im Tierreich. In: Fortpflanzung: Natur und Kultur im Wechselspiel. Hrsg.: Voland, E. Suhrkamp Verlag, Frankfurt/Main; pp 104-122.

König, B & Markl, H (1988) Verhalten als Umweltanpassung. In: Psychobiologie. Grundlagen des Verhaltens. Hrsg.: Immelmann, K; Scherer, KR; Vogel, C & Schmooock, P. Gustav Fischer Verlag, Stuttgart; pp 43-75.

West-Eberhard, MJ (Rapporteur); Bradbury, JW; Davies, NB; Gouyon, P-H; Hammerstein, P; König, B; Parker, GA; Queller, DC; Sachser, N; Slagsvold, T; Trillmich, F; Vogel, C (1987) Conflicts between and within the sexes in sexual selection. Group report. In: Sexual Selection: Testing the Alternatives. Hrsg.: Bradbury, JW & Andersson, MB. Dahlem Workshop Reports. John Wiley & Sons, New York; pp 180-195.