

PUBLICATIONS 2013 – 2019

PEER-REVIEWED:

- Scheiber, I. B. R.**¹, B. M. Weiß*, M. d. Jong, A. Braun, N. v. d. Brink, M. J. J. E. Loonen, E. Millesi and J. Komdeur (2018). Stress behaviour and physiology of developing Arctic barnacle goslings (*Branta leucopsis*) is affected by legacy trace contaminants. *Proc. R. Soc. B* 285 (1893): 20181866, doi 10.1098/rspb.2018.1866 (IF: 5.611).
- van den Brink, N. W., **I. B. R. Scheiber**, M. E. de Jong, A. Braun, A. Arini, N. Basu, H. v. d. Berg, J. Komdeur and M. J. J. E. Loonen (2018). Mercury associated neurochemical response in Arctic Barnacle goslings (*Branta leucopsis*). *Sci. Tot. Environm.* 624: 1052-1058, doi 10.1016/j.scitotenv.2017.12.191 (IF: 5.109).
- Scheiber, I. B. R.**, M. E. de Jong, J. Komdeur, E. Pschernig, M. J. J. E. Loonen, E. Millesi, and B. M. Weiß (2017). Diel pattern of corticosterone metabolite excretion in Arctic barnacle goslings under continuous natural light. *PLOS One* 12: e0182861, doi 10.1371/journal.pone.0182861. (IF: 4.490).
- de Jong, M. E., **I. B. R. Scheiber**, N. v. d. Brink, A. Braun, K. D. Matson J. Komdeur and M. J. J. E. Loonen (2017). Indices of stress and immune function in Arctic barnacle goslings (*Branta leucopsis*) were impacted by social isolation but not a contaminated grazing environment. *Sci. Tot. Environm.* 601-602: 132-141, doi: 10.1016/j.scitotenv.2017.05.183, (IF: 5.109).
- Scheiber, I. B. R.**, B. M. Weiß, S. A. Kingma and J. Komdeur (2017). The importance of the altricial – precocial spectrum for social complexity in mammals and birds – a review. *Front. Zool.* 14:3, doi: 10.1186/s12983-016-0185-6 (IF: 3.235).
- Lv, L. J. Komdeur, Jianqiang Li, **I. B. R. Scheiber**, and Z. Zhang (2016). Breeding experience, but not mate retention, determines the breeding performance in a passerine bird. *Behav. Ecol.* 27: 1255-1262, doi: 10.1093/beheco/arw046 (IF: 3.311).
- Scheiber, I. B. R.**, M. Sterenborg and J. Komdeur (2015). Stress assessment in captive greylag geese (*Anser anser*). *J. Anim. Sci.* 93: 2124-2133, doi:10.2527/jas.2014-8523 (IF: 2.333).
- Weiß B. M. & **I. B. R. Scheiber** (2013). Long-term memory of hierarchical relationships in free-living greylag geese. *Anim. Cogn.* 16: 91-97., doi: 10.1007/s10071-012-0554-2 (IF: 2.209).

NONPEER-REVIEWED:

- Scheiber, I. B. R.** (2016). Sozialverhalten im Lichte der Evolution und Verhaltensbiologie. *In: Evolution – Natur, Mensch, Gesellschaft* (R. Neck, Hrsg). Schriftenreihe der Karl Popper Foundation Klagenfurt, Band 8. Peter Lang GmbH, Frankfurt/Main, D., pp. 71-86.
- Komdeur J., B. M. Weiß and **I. B. R. Scheiber** (2016). Bygones aren't bygones. Pan European Networks: Science and Technology 19: 240-241. <http://www.paneuropeannetworkspublications.com/ST19/#240>.

BOOKS

- Scheiber, I. B. R.**, K. Kotschal, J. Hemetsberger and B. M. Weiß (2013). The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System. (edited volume). Cambridge Univ. Press (CUP).

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BOOK CHAPTERS

- Scheiber, I. B. R.** and B. M. Weiß (2018, invited). Girls of a Feather Flock Together: Spatial Proximity in Adult Kin in Greylag Geese (*Anser anser*). In: *Advances in Animal Science and Zoology, Vol. 11* (O. P. Jenkins, ed.). Nova Science Publishers Inc., Hauppauge, NY, USA. pp. 111-148.
- Hemetsberger J, B. M. Weiß, and **I. B. R. Scheiber** (2013). **Greylag geese: From general principles to the Konrad Lorenz flock**. In: *The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System* (I.B.R. Scheiber, B.M. Weiß, J. Hemetsberger, K. Kotrschal, eds.). (CUP).
- Scheiber, I. B. R.** (2013). **'Tend and be friend': The importance of social allies in coping with social stress**. In: *The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System* (I.B.R. Scheiber, B.M. Weiß, J. Hemetsberger, K. Kotrschal, eds.). CUP.
- Scheiber, I. B. R.** , K. Kotrschal and B. M. Weiß (2013). **The greylag goose as a model for vertebrate social complexity** In: *The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System* (I.B.R. Scheiber, B.M. Weiß, J. Hemetsberger, K. Kotrschal, eds.). CUP.
- Scheiber, I. B. R.** and B. M. Weiß (2013). **Beyond the pair bond: Extended family bonds and female-centred clan formation**. In: *The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System* (I.B.R. Scheiber, B.M. Weiß, J. Hemetsberger, K. Kotrschal, eds.). CUP.
- Weiß, B. M., C. Schloegl and **I. B. R. Scheiber** (2013). **How to tell friend from foe: Cognition in a complex society**. In: *The Social Life of Greylag Geese: Patterns, Mechanisms and Evolutionary Function in an Avian Model System* (I.B.R. Scheiber, B.M. Weiß, J. Hemetsberger, K. Kotrschal, eds.). CUP.