- Gwinner, E. (ed.), Bird migration: physiology and ecophysiology. Springer, pp. 257–268.
- Gwinner, E. 1996. Circannual clocks in avian reproduction and migration. Ibis 138: 47–63.
- Gwinner, E. and Biebach, H. 1977. Endogene Kontrolle der Mauser und Zugdisposition bei südfinnischen und südfranzösichen Neuntötern (*Lanius collurio*). – Vogelwarte 29: 56–63.
- Gwinner, E. and Czeschlik, D. 1978. On the significance of spring migratory restlessness in caged birds. Oikos 30: 364–332.
- Gwinner, E., Dittami, J. and Gwinner, H. 1983. Postjuvenile moult in east African and central European stonechats (*Saxicola torquata axillaris*, *S. t. rubicolo*) and its modification by photoperiod. Oecologia 66: 66–70.
- Gwinner, E., Rödl, T. and Schwabl, H. 1994. Pair territoriality of wintering stonechats: behaviour, function and hormones.
 Behav. Ecol. Sociobiol. 34: 321–327.
 Gwinner, E., König, S. and Haley, C. S. 1995. Genetic and
- Gwinner, E., König, S. and Haley, C. S. 1995. Genetic and environmental factors influencing clutch size in equatorial and temperate zone stonechats (*Saxicola torquata axillaris* and *S. t. rubicola*): an experimental study. – Auk 112: 748–755.
- Hegemann, A., Marra, P. P. and Tieleman, B. I. 2015. Causes and consequences of partial migration in a passerine bird. Am. Nat. 186: 531–546.
- Helbig, A. J. 1996. Genetic basis, mode of inheritance and evolutionary changes of migratory directions in palearctic warblers (Aves: sylviidae). – J. Exp. Biol. 199: 49–55.
- Helm, B. 2003. Seasonal timing in different environments: comparative studies in stonechats. Ludwig-Maximilians-Univ., München.
- Helm, B. 2006. Zugunruhe of migratory and non-migratory birds in a circannual context. J. Avian Biol. 37: 533–540.
- Helm, B. 2009. Geographically distinct reproductive schedules in a changing world: costly implications in captive stonechats.
 Integr. Comp. Biol. 49: 563–579.
- Integr. Comp. Biol. 49: 563–579.
 Helm, B. and Gwinner, E. 1999. Timing of postjuvenal molt in African (Saxicola torquata axillaris) and European (Saxicola torquata rubicola) stonechats: effects of genetic and environmental factors. Auk 116: 589–603.
- Helm, B. and Gwinner, E. 2005. Carry-over effects of day length during spring migration. J. Ornithol. 146: 348–354.
- Helm, B. and Gwinner, E. 2006. Migratory restlessness in an equatorial non-migratory bird. PLoS Biol. 4: e110.
- Helm, B., Gwinner, E. and Trost, L. 2005. Flexible seasonal timing and migratory-behavior results from stonechat breeding programs. – Ann. N. Y. Acad. Sci. 1046: 216–227.
- Helm, B., Fiedler, W. and Callion, J. 2006. Movements of European stonechats (*Saxicola torquata*) according to ringing recoveries. Ardea 94: 33–44.
- Helm, B., Schwabl, I. and Gwinner, E. 2009. Circannual basis of geographically distinct bird schedules. – J. Exp. Biol. 212: 1259–1269.
- Helms, C. 1963. The annual cycle and Zugunruhe in birds. In: Proceedings of the XIII International Ornithological Congress, American Ornithologists' Union. American Ornithologists' Union, Lawrence, KS. Allen Press, pp. 925–939.
- Holm, S. 1979. A simple sequentially rejective multiple test procedure. Scand. J. Stat. 6: 65–70.
- Horton, K. G., Van Doren, B. M., Stepanian, P. M., Farnsworth, A. and Kelly, J. F. 2016. Seasonal differences in landbird migration strategies. Auk 133: 761–769.
- Illera, J. C., Richardson, D. S., Helm, B., Atienza, J. C. and Emerson, B. C. 2008. Phylogenetic relationships, biogeography and speciation in the avian genus *Saxicola*. – Mol. Phylogenet. Evol. 48: 1145–1154.
- Ingram, D. K. 2000. Age-related decline in physical activity: generalization to nonhumans. – Med. Sci. Sports Exercise 32: 1623–1629.

- Jenni, L. and Winkler, R. 1994. Moult and ageing of European passerines. Academic Press.
 - Ketterson, E. D. and Nolan, V. 1983. Autumnal Zugunruhe and migratory fattening of dark-eyed juncos apparently suppressed by detention at the wintering sites. Wilson Bull. 95: 629–635.
 - Ketterson, E. D. and Nolan, V. 1988. A possible role for experience in the regulation of the timing of bird migration. Proceedings of the 19th International Ornithological Congress, pp. 2169–2179.
 Ketterson, E. D., Fudickar, A. M., Atwell, J. W. and Greives, T. J.
 - Ketterson, E. D., Fudickar, A. M., Atwell, J. W. and Greives, T. J. 2015. Seasonal timing and population divergence: when to breed, when to migrate. – Curr. Opinion Behav. Sci. 6: 50–58.
 - Killick, R. and Eckley, I. A. 2014. changepoint: an R package for changepoint analysis. – J. Stat. Softw. 58: 1–19
 - Kokko, H., Gunnarsson, T. G., Morrell, L. J. and Gill, J. A. 2006. Why do female migratory birds arrive later than males? – J. Anim. Ecol. 75: 1293–303.
 - Kuznetsova, A., Bruun Brockhoff, P. and Haubo Bojesen Christensen, R. 2015. ImerTest: tests in linear mixed effects models. – https://cran.r-project.org/web/packages/lmerTest/lmerTest.pdf>.
 - Lack, D. 1943. The problem of partial migration. Br. Birds 37: 122–130.
 - Lack, D. 1944. The problem of partial migration. Br. Birds 37: 143–150.
 - Leverton, R. 1997. *Eurois occulta* (L.) (Lep.: Noctuidae) apparently showing migratory restlessness. Entomol. Rec. J. Variation 109: 95–96.
 - Liedvogel, M. and Lundberg, M. 2014. The genetics of animal movement and migration syndromes. In: Hansson, L.-A. and Åkesson, S. (eds), Animal movement across scales. Oxford Univ. Press, pp. 219–231.
 - Lundberg, P. 1988. The evolution of partial migration in birds. Trends Ecol. Evol. 3: 172–175.
 - Maggini, I. and Bairlein, F. 2010. Endogenous rhythms of seasonal migratory body mass changes and nocturnal restlessness in different populations of northern wheatear *Oenanthe oenanthe*.
 J. Biol. Rhythms 25: 268–276.
 - Maggini, I. and Bairlein, F. 2012. Innate sex differences in the timing of spring migration in a songbird. PLoS One 7: e31271.
 - Marchetti, C. and Baldaccini, N. E. 2003. Individual variability in experiments with Emlen funnels. In: Berthold, P., Gwinner, E. and Sonnenschein, E. (eds), Avian migration. Springer, pp. 393–405.
 - Mayeda, A. R. and Hofstetter, J. R. 1999. A QTL for the genetic variance in free-running period and level of locomotor activity between inbred strains of mice. Behav. Genet. 29: 171–176.
 - Merkel, F. W. 1956. Untersuchungen über tages- und jahresperiodische Aktivitätsänderungen bei gekäfigten Zugvögeln. Z. Tierpsychol. 13: 278–301.
 - Mettke-Hofmann, C., Ebert, C., Schmidt, T., Steiger, S. and Stieb, S. 2005. Personality traits in resident and migratory warbler species. Behaviour 142: 1357–1375.
 - Mouritsen, H. and Frost, B. J. 2002. Virtual migration in tethered flying monarch butterflies reveals their orientation mechanisms. Proc. Natl Acad. Sci. USA 99: 10162–10166.
 - Mukhin, A. 1999. Nocturnal restlessness in caged juvenile reed warblers (*Acrocephalus scirpaceus*). Avian Ecol. Behav. 3: 91–97.
 - Mukhin, A., Kosarev, V. and Ktitorov, P. 2005. Nocturnal life of young songbirds long before migration. Proc. R. Soc. B 272: 1535–1539
- Newton, I. 2008. The migration ecology of birds. Academic Press.