**Allgemeine Zoologie Masters Module 2019**

**Literature Seminar Papers**

**Pathogen-Host interactions: week 1**

Pull, C. D. et al. (2018) Protection against the lethal side effects of social immunity in ants. Current Biology 28, R1139-R1140 <https://doi.org/10.1016/j.cub.2018.08.063>

**Population Genetics/Genomics: week 2**

**Zhuang *et al.* (2019): Molecular mechanism and history of non-sense to sense evolution of antifreeze glycoprotein gene in northern gadids. PNAS** 116 (10), 4400-4405. <https://doi.org/10.1073/pnas.1817138116>

<https://www.pnas.org/content/116/10/4400>

<https://www.pnas.org/content/pnas/116/10/4400.full.pdf>

**Lacy *et al.* (2019): Joint evolution of asexuality and queen number in an ant. Current Biology.** 29 (8), P1394-1400.e4. <https://doi.org/10.1016/j.cub.2019.03.018>

<https://www.cell.com/current-biology/pdfExtended/S0960-9822(19)30316-1>

<https://www.cell.com/current-biology/pdf/S0960-9822(19)30316-1.pdf>

**Biodiversity and Pollination: week 3**

Baldock, K. C. R. *et al.* A systems approach reveals urban pollinator hotspots and conservation opportunities. *Nature Ecology & Evolution*, doi:10.1038/s41559-018-0769-y (2019).

**Social Evolution: week 5**

Smith, A. R., Kapheim, K. M., Kingwell, C. J. & Wcislo, W. T. A split sex ratio in solitary and social nests of a facultatively social bee. *Biol. Lett.* **15**, 20180740, doi:10.1098/rsbl.2018.0740 (2019).