**Allgemeine Zoologie Module 2020**

**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>

Strohm, E. et al. (2019) Nitric oxide radicals are emitted by wasp eggs to kill mold fungi. eLife 2019;8:e43718, doi: 10.7554/eLife.43718

**Population Genetics/Genomics: week 2**

Zhou, J., Dudash, M. R., Zimmer, E. A., & Fenster, C. B. (2018). Comparison of population genetic structures of the plant *Silene stellata* and its obligate pollinating seed predator moth *Hadena ectypa*. *Annals of Botany*, *122*(4), 593–603. <https://doi.org/10.1093/aob/mcy091>

Mohan, A. V., Gehring, P. S., Scherz, M. D., Glaw, F., Ratsoavina, F. M., & Vences, M. (2019). Comparative phylogeography and patterns of deep genetic differentiation of two gecko species, *Paroedura gracilis* and *Phelsuma guttata*, across north-eastern Madagascar. *SALAMANDRA*, *55*(3), 211-220.

**Biodiversity and Pollination: week 3**

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

Hallmann CA, Sorg M, Jongejans E, et al (2017) More than 75 percent decline over 27 years in total flying insect biomass in protected areas. *PLoS One* 12:e0185809. https://doi.org/10.1371/journal.pone.0185809

**Social Evolution: week 5**

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

Steitz, I., & Ayasse, M. (2020). Macrocyclic lactones act as a queen pheromone in a primitively eusocial sweat bee. *Current Biology*. doi:https://doi.org/10.1016/j.cub.2020.01.026

Warner, M. R., Mikheyev, A. S., & Linksvayer, T. A. (2017). Genomic signature of kin selection in an ant with obligately sterile workers. *Molecular Biology and Evolution, 34*(7), 1780-1787. doi:10.1093/molbev/msx123