**General Zoology ‘Project Module’ 2021**

**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* 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**

Millard, J., Outhwaite, C.L., Kinnersley, R., Freeman, R., Gregory, R.D., Adedoja, O., Gavini, S., Kioko, E., Kuhlmann, M., Ollerton, J., Ren, Z.-X., Newbold, T., 2021. Global effects of land-use intensity on local pollinator biodiversity. *Nature Communications* 12, 2902, doi:10.1038/s41467-021-23228-3

Senapathi, D. et al. (2021). Wild insect diversity increases inter-annual stability in global crop pollinator communities. *Proceedings of the Royal Society B: Biological Sciences 288*, 20210212, doi:10.1098/rspb.2021.0212

**Social Evolution: week 5**

Ostwald, M. M., Fox, T. P., Harrison, J. F., & Fewell, J. H. (2021). Social consequences of energetically costly nest construction in a facultatively social bee. *Proceedings of the Royal Society B: Biological Sciences, 288*(1949), 20210033. doi:10.1098/rspb.2021.0033

Pennell, T. M., & Field, J. (2020). Split sex ratios and genetic relatedness in a primitively eusocial sweat bee. *Behavioral Ecology and Sociobiology, 75*(1), 5. doi:10.1007/s00265-020-02944-8