**Allgemeine Zoologie Masters Module 2018**

**Literature Seminar Papers**

**Pathogen-Host interactions: week 1**

Kellner, K., Kardish, M.R., Seal, J.N., Linksvayer, T.A., Mueller, U.G. 2017. Symbiont-mediated host-parasite dynamics in a fungus-gardening ant. *Microbial Ecology* DOI: 10.1007/s00248-017-1124-6

Duarte, A., Welch, M., Swannack, C., Wagner, J., Kilner, R.M. 2018. Strategies for managing rival bacterial communities: lessons from burying beetles. *Journal of Animal Ecology* **87**, 414-427.

**Population Genetics/Genomics: week 2**

Kearns A *et al.* 2018. Genomic evidence of speciation reversal in ravens. *Nature Communications* **9**, 906. DOI: 10.1038/s41467-018-03294-w.

Murray GGR *et al*. 2017. Natural selection shaped the rise and fall of passenger pigeon genomic diversity. *Science* **358** (6365), 951-954. DOI: 10.1126/science.aao0960.

**Biodiversity and Pollination: week 3**

Kantsa, A., Raguso, R.A., Dyer, A.G., Olesen, J.M., Tscheulin, T., Petanidou, T. 2018. Disentangling the role of floral sensory stimuli in pollination networks. *Nature Communications* **9**, 1041.

Magrach, A., González-Varo, J.P., Boiffier, M., Vilà, M., Bartomeus, I. 2017. Honeybee spillover reshuffles pollinator diets and affects plant reproductive success. *Nature Ecology & Evolution* **1**, 1299-1307.

Ollerton et al. 2009. A global test of the pollination syndrome hypothesis. *Annals of Botany* **103**, 1471-1480.

**Social Evolution: week 4**

Davison, P.J., Field, J. 2018. Limited social plasticity in the socially polymorphic sweat bee *Lasioglossum calceatum*. *Behav. Ecol. Sociobiol.* **72**, 56.

Cornwallis, C.K., Botero, C.A., Rubenstein, D.R., Downing, P.A., West, S.A., Griffin, A.S. 2017. Cooperation facilitates the colonization of harsh environments. *Nature Ecology & Evolution* **1**, 0057.