**Papers for literature seminar: host-parasite week**

1. Brown, A. F. et al. (2022): Dream Team for Honey Bee Health: Pollen and Unmanipulated Gut Microbiota Promote Worker Longevity and Body Weight. Frontiers in Sustainable Food Systems 6: 864741. <https://doi.org/10.3389/fsufs.2022.864741> **Greta**

2. Detrain, C. and Leclerc, J.-B. (2022): Spatial distancing by fungus-exposed *Myrmica* ants is prompted by sickness rather than contagiousness. Journal of Insect Physiology 139: 104384. <https://doi.org/10.1016/j.jinsphys.2022.104384> **Simon**

**Papers for literature seminar-Population Genetics Week**

1. Rowan, L., Arbogast, B., & Kamel, S. J. (2022). Assessing the genetic consequences of habitat fragmentation on the federally threatened cheat mountain salamander (*Plethodon nettingi*): a comparative, multi-locus approach. Conservation Genetics, 1-13. **Felix**

2. Carneiro de Melo Moura, C., Bastian, H. V., Bastian, A., Wang, E., Wang, X., & Wink, M. (2019). Pliocene origin, ice ages and postglacial population expansion have influenced a panmictic phylogeography of the European Bee-Eater *Merops apiaster*. Diversity **Jonathan**

3. Baeckens Simon and Whiting Martin J. 2021. Investment in chemical signaling glands facilitates the evolution of sociality in lizards. Proc. R. Soc. B. 28820202438 <http://doi.org/10.1098/rspb.2020.2438> **Erik**

**Papers for literature seminar: Pollinator Community Ecology week**

1. Ganuza C, Redlich S, Uhler J, Tobisch C, Rojas-Botero S, Peters MK, Zhang J, Benjamin CS, Englmeier J, Ewald J, et al.: Interactive effects of climate and land use on pollinator diversity differ among taxa and scales. *Sci Adv* 2022, 8:9359. **Svea**

2. Meeus I, Parmentier L, Pisman M, de Graaf DC, Smagghe G: Reduced nest development of reared Bombus terrestris within apiary dense human-modified landscapes. *Sci Reports 2021 111* 2021, 11:1–9. **Emil**

3. Cohen H, Egerer M, Thomas SS, Philpott SM: Local and landscape features constrain the trait and taxonomic diversity of urban bees. *Landsc Ecol* 2022, 37:583–599. **Sally**

**Papers for literature seminar: Sexual selection week**

3. Chenoweth SF, Appleton NC, Allen SL, Rundle HD: **Genomic Evidence that Sexual Selection Impedes Adaptation to a Novel Environment**. *Curr Biol* 2015, **25**:1860–1866. **Cindy**

**Papers for literature seminar: Social Evolution Week**

1. Field, J., Accleton, C., & Foster, W. A. (2018). Crozier's Effect and the Acceptance of Intraspecific Brood Parasites. *Curr Biol, 28*(20), 3267-3272.e3263. doi:10.1016/j.cub.2018.08.014 **Andrian**

2. Steitz, I., Paxton, R. J., Schulz, S., & Ayasse, M. (2021). Chemical Variation among Castes, Female Life Stages and Populations of the Facultative Eusocial Sweat Bee Halictus rubicundus (Hymenoptera: Halictidae). *Journal of Chemical Ecology*. doi:10.1007/s10886-021-01267-w **Nina**

3. Vickruck, J. L., & Richards, M. H. (2021). Competition Drives Group Formation and Reduces Within Nest Relatedness in a Facultatively Social Carpenter Bee. *Frontiers in Ecology and Evolution, 9*. doi:10.3389/fevo.2021.738809 **Belen**