**General Zoology ‘Project Module’ 2021. Literature Seminar Papers**

**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

Student: Tim Lehmann

Baldock, K.C.R., Goddard, M.A., Hicks, D.M., Kunin, W.E., Mitschunas, N., Morse, H., Osgathorpe, L.M., Potts, S.G., Robertson, K.M., Scott, A.V., Staniczenko, P.P.A., Stone, G.N., Vaughan, I.P., Memmott, J. (2019) A systems approach reveals urban pollinator hotspots and conservation opportunities. *Nature Ecology & Evolution* 3, 363–373. doi:10.1038/s41559-018-0769-y

Student: Julia Zelychenko

Castle, D., Grass, I., Westphal, C. (2019) Fruit quantity and quality of strawberries benefit from enhanced pollinator abundance at hedgerows in agricultural landscapes. *Agriculture, Ecosystems & Environment* 275, 14-22. doi:10.1016/j.agee.2019.01.003

Student: Maria Hegedüs

**Population Genetics/Sexual Selection: week 4**

Dougherty, L.R., Shuker, D.M. (2015) The effect of experimental design on the measurement of mate choice: a meta-analysis. *Behavioral Ecology* 26, 311-319. doi:10.1093/beheco/aru125

Student: Alexantra Schmidt

Johnston, S.E., Gratten, J., Berenos, C., Pilkington, J.G., Clutton-Brock, T.H., Pemberton, J.M., Slate, J. (2013) Life history trade-offs at a single locus maintain sexually selected genetic variation. *Nature* 502, 93-95. doi:10.1038/nature12489

Student: Lisa Neuder

**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* 288, 20210033. doi:10.1098/rspb.2021.0033

Student: Celine Kalthof

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

Student: Simon Wogram

Rubenstein, D. R. (2011) Spatiotemporal environmental variation, risk aversion, and the evolution of cooperative breeding as a bet-hedging strategy. *Proceedings of the National Academy of Sciences* 108, 10816. doi:10.1073/pnas.1100303108 Svea Mannel

Student: Svea Männel