

Invitation to the Seminar series in Evolutionary Biology

Tuesday, 16.07.2024

Dr. Sinead English

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Title: Why mothers matter: insights from unusual insects

Abstract:

It is well established that maternal environment and state can impact offspring immediately and in the long-term, yet the debate continues about when and whether these maternal effects are adaptive or hinder offspring ability to cope with their environment. In our lab, we study mothers using a range of approaches, including comparative analyses across systems, theoretical models and experiments in insects which give birth to live young. Here, I will present some highlights from these studies to show the impact of maternal decisions, state and environment on offspring and what this means for evolutionary and population processes. Along the way, I will also ask what we can learn from studying pregnancy in flies and cockroaches to better understand human health.

Host: Prof. Hanna Kokko

The colloquium takes place on Tuesdays at 12:15 pm until approx. 1:15 pm in the BZ 1 lecture hall (HS 00.187). Talks are given in English. Everyone interested is welcome!