

Invitation to the Seminar series in Evolutionary Biology

Tuesday, 04. March 2025

Dr. Tomos Potter

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Using pedigrees to understand eco-evolutionary processes in the wild

Abstract: Multi-generational studies of pedigreed wild populations provide unique insight into eco-evolutionary dynamics. In this talk, I will present my work on one such study of Trinidadian guppies. I will describe the cryptic evolution of a key life-history trait, explain how negative frequency-dependent sexual selection is maintained, and show why one's siblings might be one's worst enemies, at least in guppies. I will discuss how pedigrees of wild populations contribute to our understanding of eco-evolutionary processes.

Host: Prof. Hanna Kokko

The colloquium usually 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!