

“The genetic and environmental underpinning of phenotypic variation and diversification”

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Abstract

Body pigmentation in insects provide some of the most visually compelling examples of how reciprocal interactions between evolutionary and developmental processes shape patterns of intra-specific variation and inter-species diversity. I will use this model to discuss recent work in the lab that addresses the genetic basis of phenotypic variation and diversification, with special focus on developmental plasticity and evolutionary novelty.