

Inferring Evolution

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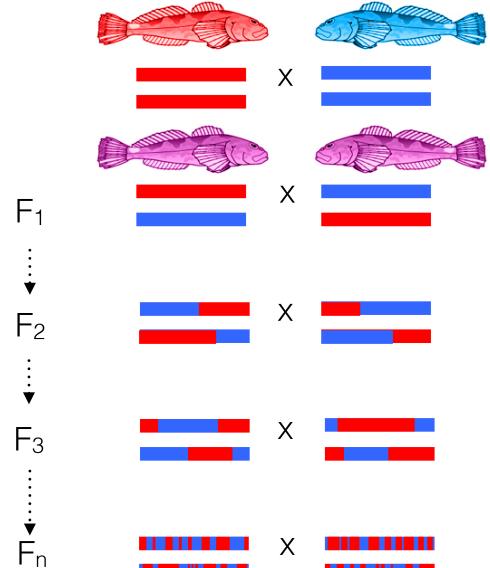
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MAX-PLANCK-GESELLSCHAFT

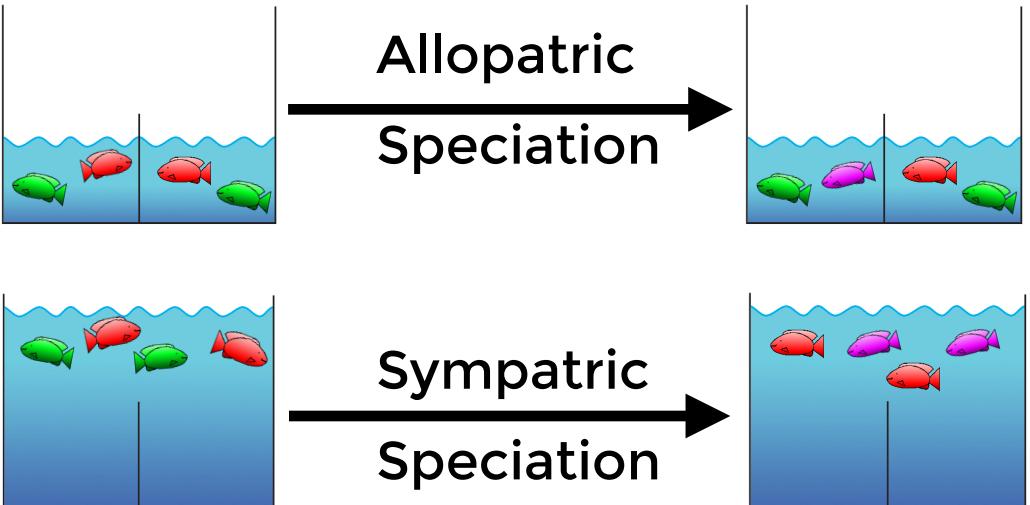
Genomic signatures of hybridization dynamics

In collaboration with: Arne Nolte & Arne Traulsen

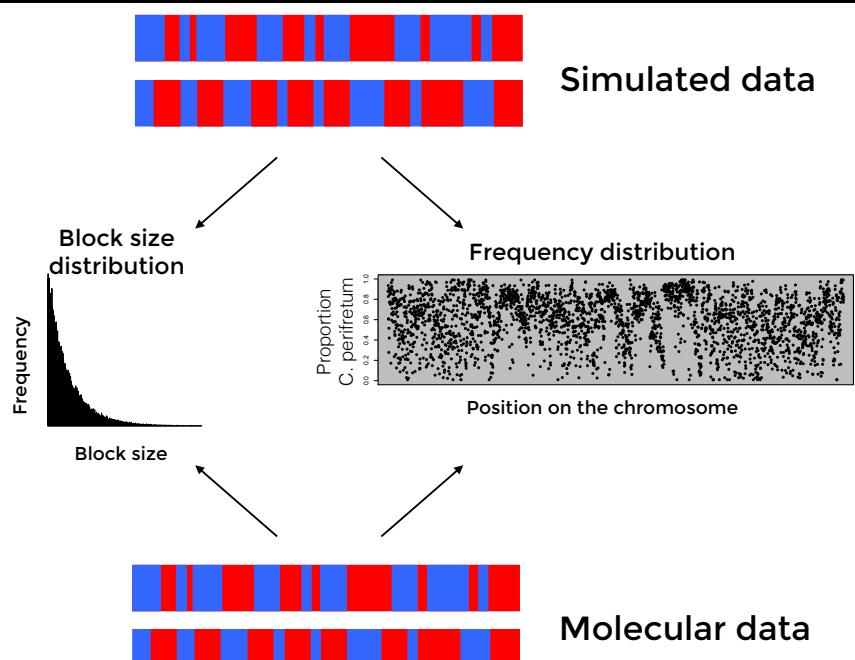


Habitat dynamics influencing diversification

In collaboration with Rampal Etienne



Using Approximate Bayesian Computation



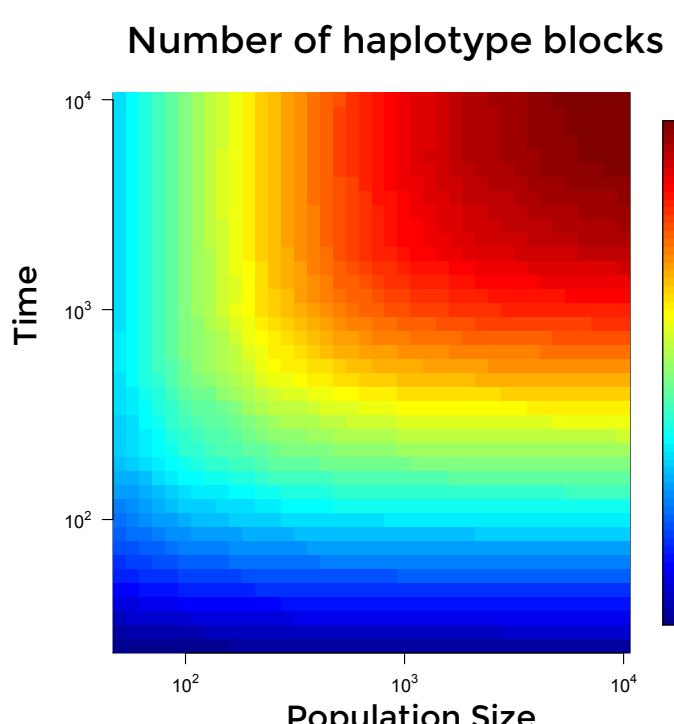
Simulated tree

Compare trees by:

Lamprologini tree

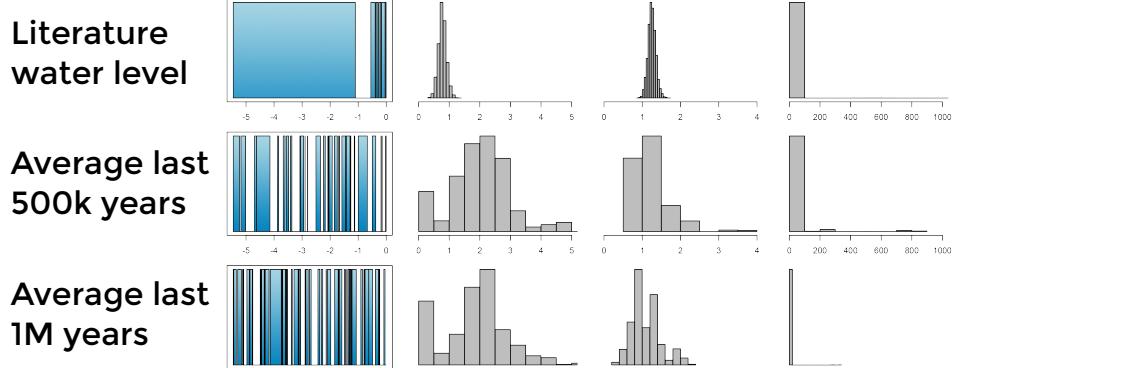
nLTT
Gamma
Branch length
tips

we fit the model to data



Example water dynamics

Infer all rates



and are able to infer the evolutionary history of novel species or entire clades.