

Genetic structuring in natural populations

The influence of life history strategies and asymmetric migration

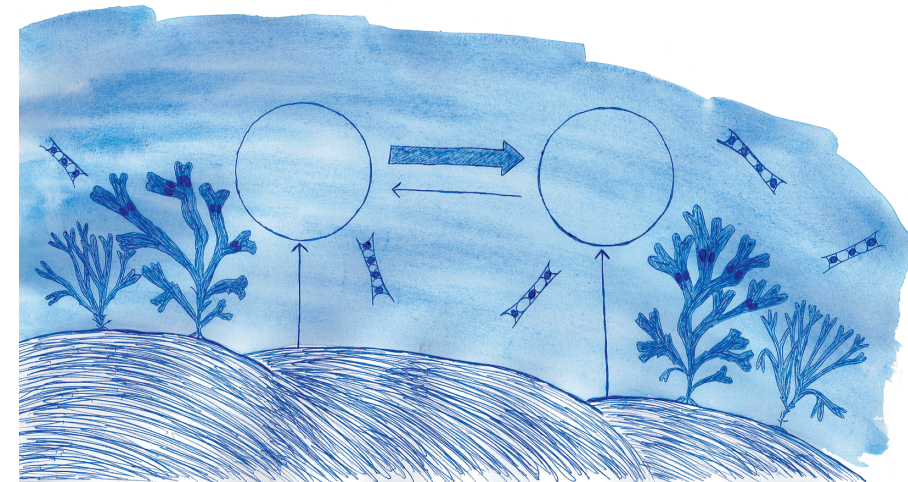
This thesis presents a new method that makes it possible to calculate directional measures of genetic differentiation and relative migration. The method is used to investigate the migration patterns of three species in the Baltic Sea area: two sibling species of brown algae and one planktonic diatom. Many planktonic microalgae have a life history including resting stages. With a simple genetic population model this thesis investigates if and how resting stages affect the genetic structure of a population.



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Lisa Sundqvist received her MSc in Biology from the University of Gothenburg in 2009 and started as a PhD student in 2010.

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