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Eco-evolutionary feedbacks in self-organized ecosystems

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Stellingen behorende bij het proefschrift

Eco-evolutionary feedbacks in self-organized ecosystems

door

Monique de Jager

1. Evolution cannot be fully understood without ecology; ecology cannot be fully understood without evolution.
2. Not the effect of the environment but the interaction between organisms and their environment is crucial for understanding the evolution of movement strategies – This thesis, Chapter 2.
3. Natural selection acts on the behavioural tendencies of organisms rather than on the behaviour that we actually observe. – This thesis, Comment & Reply I & Chapter 3.
4. Spatial population structure allows for the evolution of costly cooperation even when organisms disperse widely. – This thesis, Chapter 5.
5. A thorough perception of eco-evolutionary dynamics requires the understanding of the co-adaptation of multiple traits. – This thesis, Chapter 6.
6. The absence of distinct groups does not imply the absence of group selection. – This thesis, Chapter 6.
7. ‘What we do now echoes in eternity’. – Marcus Aurelius, *Meditations*.