



Helen E. Roy, Eric Wajnberg (Eds.)

# From Biological Control to Invasion: the Ladybird *Harmonia axyridis* as a Model Species

- Brings together the latest research on *Harmonia axyridis* distribution studies to detailed research on intra-guild interactions, possibilities for control and phenotypic plasticity
- Set within the broader context of invasive biology – which is currently a subject of global concern

*Harmonia axyridis* has been described as the “most invasive ladybird on Earth”. It has a long history of use as a classical biological control agent in the USA and more recently in Europe. This beetle has been effective at controlling pest insects in a variety of crop systems but it poses unacceptable risks by impacting on non-target species as both an intraguild predator and competitor. Written by renowned scientists, this book is a synthesis of recent research on *H. axyridis* and provides informative insights into current perspectives and future directions. Biological control is an essential component of sustainable agriculture but the distinction between a successful biological control agent and an invasive species can be narrow. We hope that lessons can be learnt from *H. axyridis*.

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