



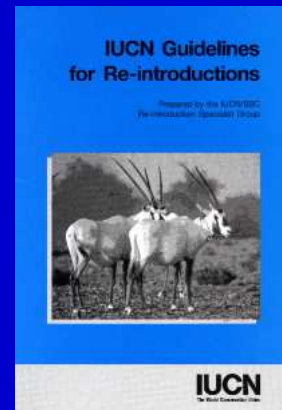
Massey University

Toward an Evidence-based Approach to Parasite Management in Reintroduction

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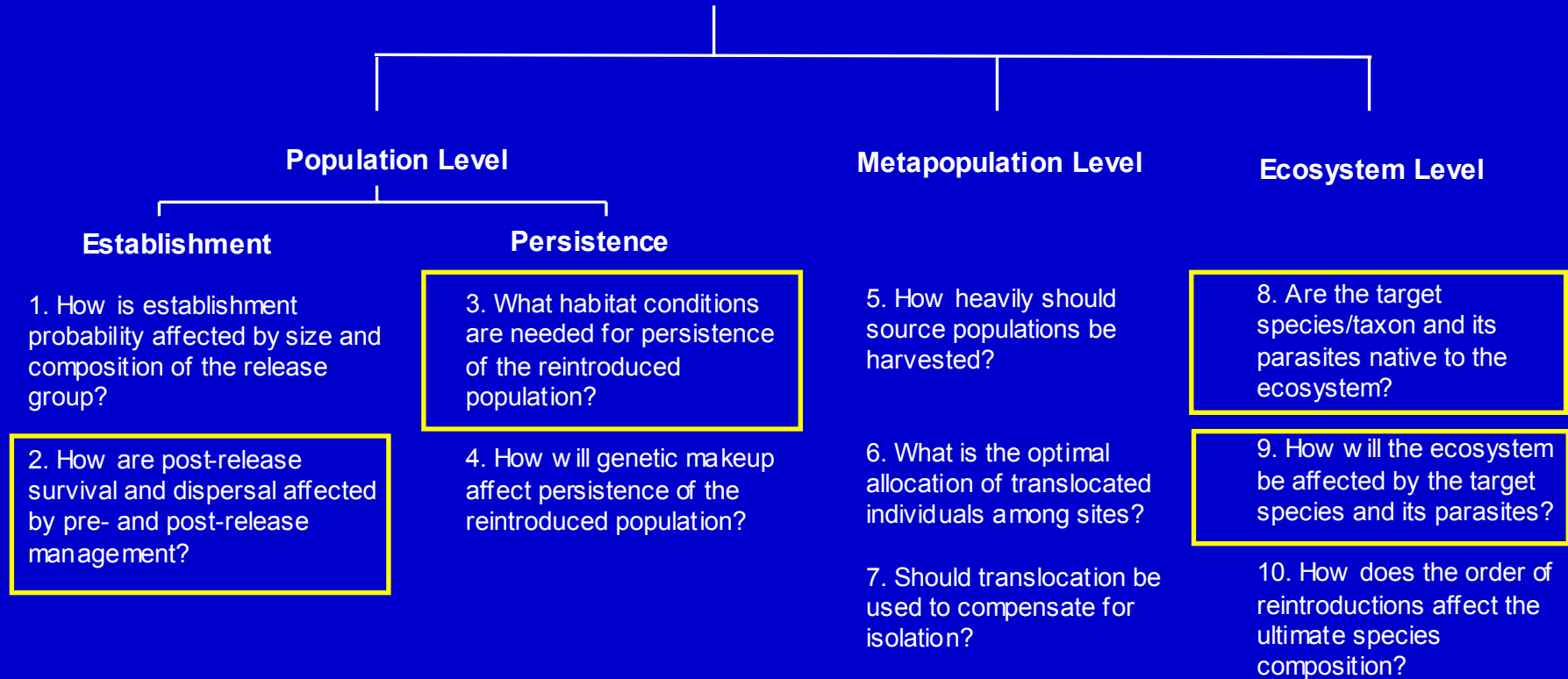
Wildlife Ecology Group, Massey University



Agenda

- Management based on evidence, not authority
- Research/monitoring targetting key questions
- An eco restoration perspective to reintroduction
- Facilitated through local operating procedures

Key Questions in Reintroduction Biology



From Armstrong & Seddon (2007). Trends in Ecology & Evolution

Key Questions for Parasite Management

- Which parasites are native to ecosystems?
 - restore host-parasite relationships
 - avoid introductions
- What impacts will parasite introductions have?
 - prioritise screening of high-impact strains
- How do parasites affect quality of reintroduction sites?
 - avoid sites where key strains present/prevalent
- How do parasite loads affect post-release survival?
 - treat or not depending on costs/benefits