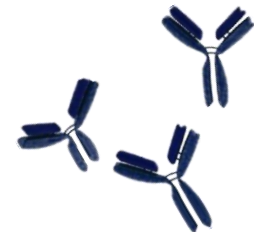




Dynamics of antibody levels against avian cholera after natural exposure and vaccination in albatrosses *Disease ecology implications*

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Disease ecology implications

Amandine Gamble, Romain Garnier, Audrey Jaeger, Hubert Gantelet, Eric Thibault, Pablo Tortosa, Vincent Bourret, Jean-Baptiste, Karine Delord, Henri Weimerskirch, Jérémy Tornos, Christophe Barbraud & Thierry Boulinier

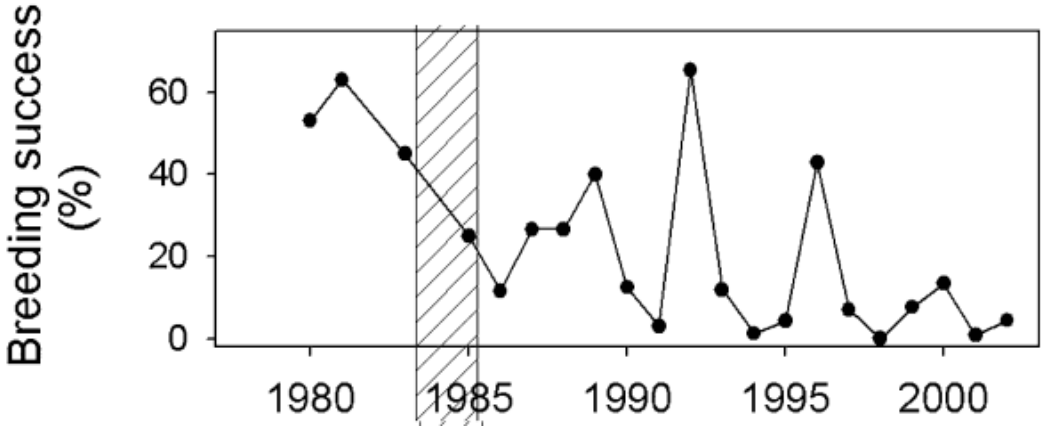


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ECOPATH**

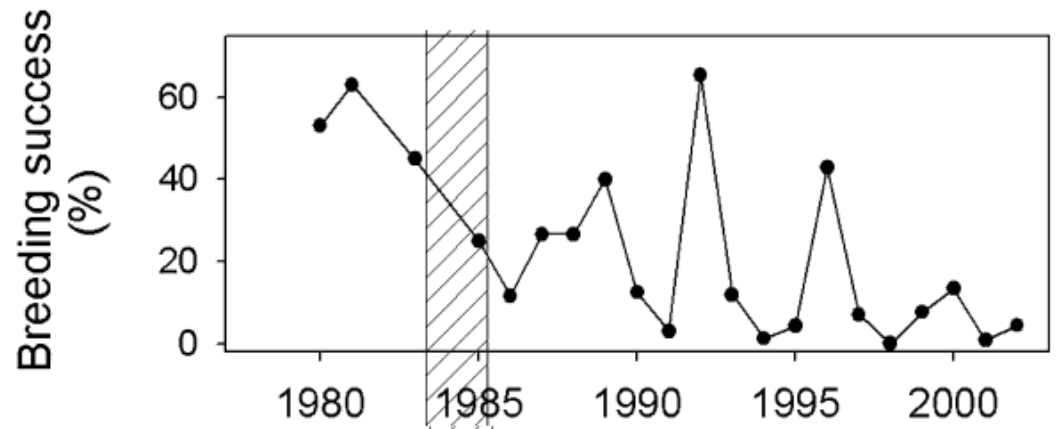
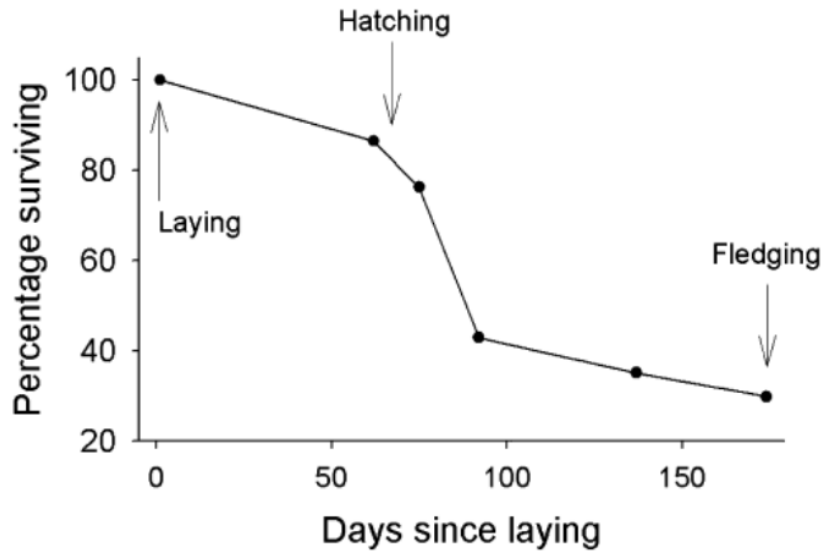


Avian cholera on Amsterdam Island

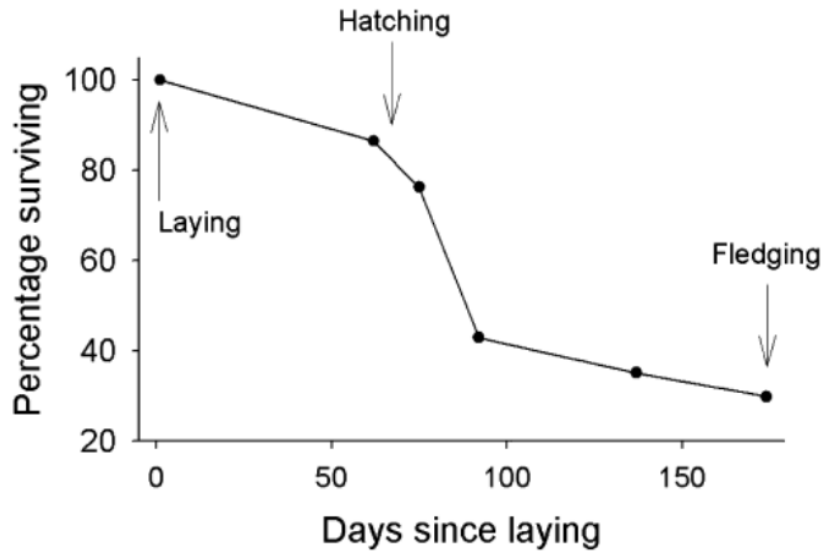
- Recurrent mortality events hitting albatross nestlings on Amsterdam Island



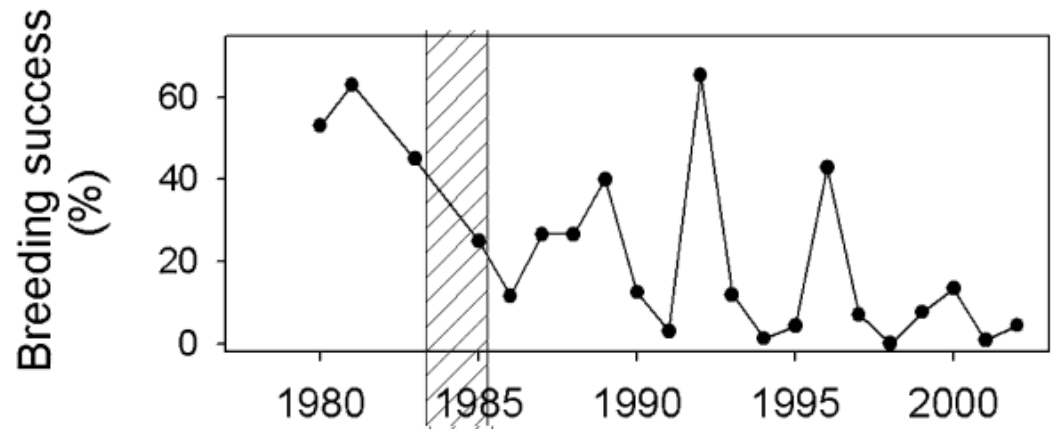
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Pasteurella multocida ?



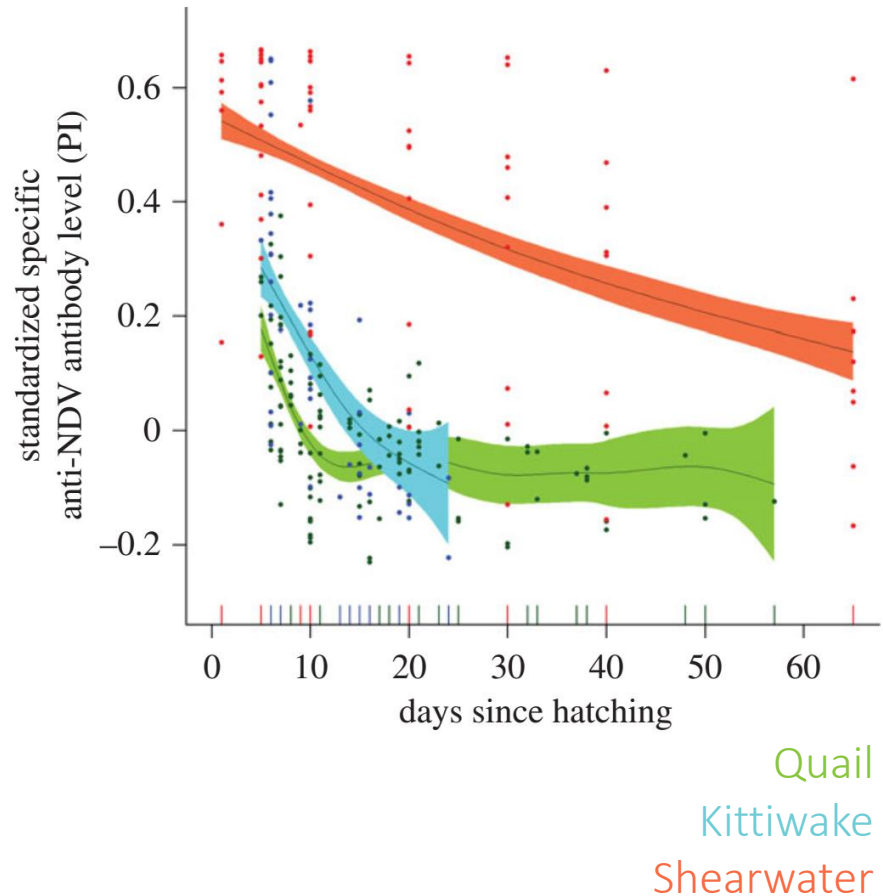
- Poultry
- Arctic waterfowl



Common eiders in Canada

Immuno-ecology of albatrosses

- Long-lived species
- Faithful to its breeding site
 - Long-lived immunity?
 - Long-term monitoring
- Long chick rearing period
 - Maternal immunity



Immuno-ecology of albatrosses

- Long-lived species
- Faithful to its breeding site
 - Long-lived immunity?
 - Long-term monitoring
- Long chick rearing period
 - Maternal immunity
- High population densities
 - Disease transmission
 - Access to lots of individuals



→ Vaccination?

→ Nestlings

→ Breeding females



Results soon to be
communicated