

# Cooperative breeding in white helmetshrikes: Helping for future benefits?

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Intro

Why forego own reproduction to help raise others' young?

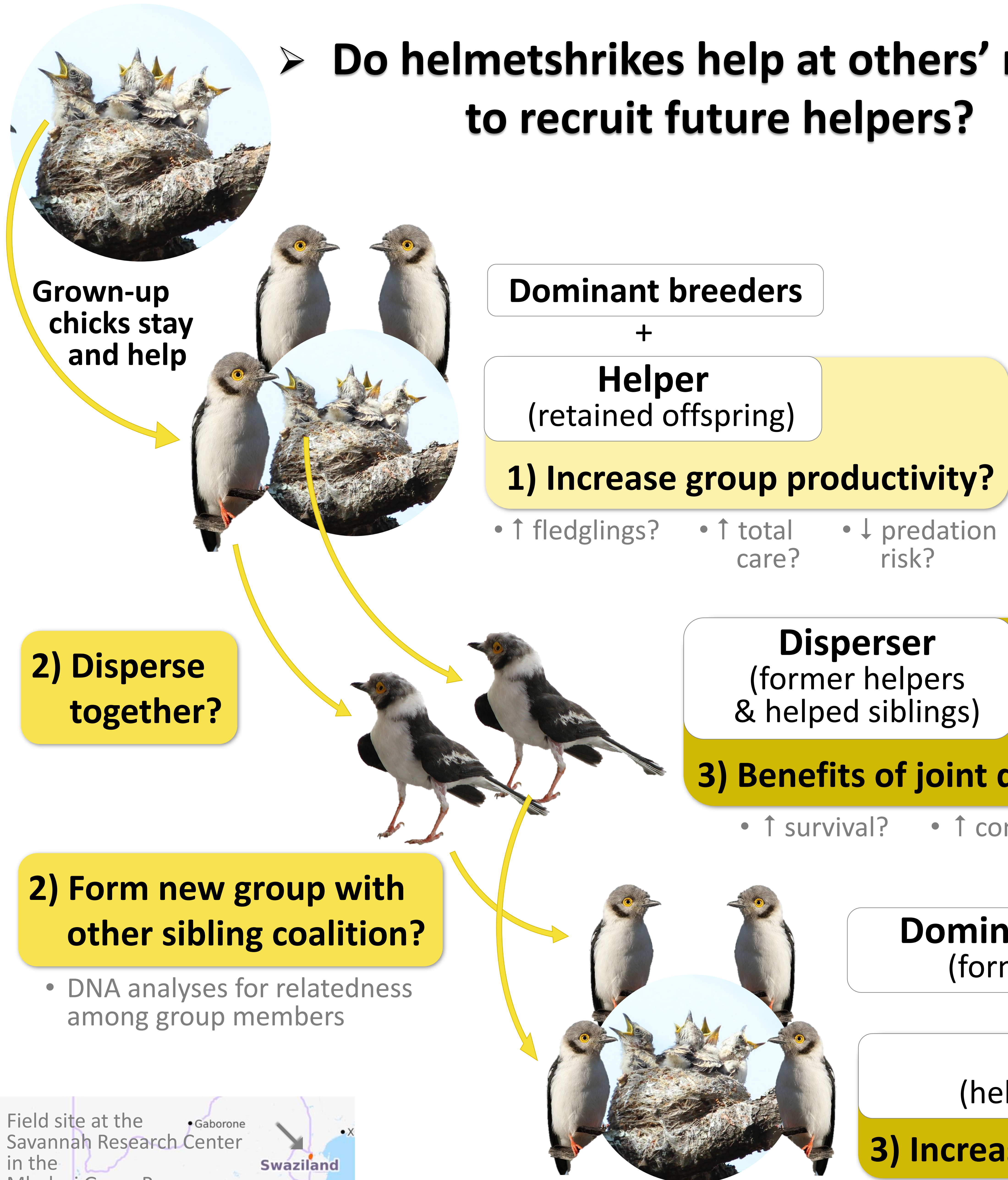
- Classical explanations: Increase indirect fitness by helping relatives
- Other benefits? – Few studies investigated direct benefits like future reproductive success

Why white helmetshrikes (*Prionops plumatus*)? – They not only breed but also disperse in groups

## ➤ Do helmetshrikes help at others' nests to recruit future helpers?

Requires:

- 1) Give benefits
- 2) Stay together
- 3) Receive benefits



Future steps

- Integrate future benefits in a model with other costs and benefits of a) staying vs dispersing and b) helping to raise someone else's offspring
- Investigate how environmental changes affect group dynamics, costs and benefits of helping