REPRODUCTIVE BEHAVIOR OF MOTHERS FACING INFANTICIDE RISK

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SUMMARY

We investigate how infanticide risk affects the behavioral strategy of nursing bank voles (*Myodes glareolus*). As females can be concurrently lactating and pregnant, infanticide risk may shift their investment between current and future reproduction, and hence their behavioral strategy. Our findings point to increased nest defense behavior (i.e. increased investment towards current reproduction) under high infanticide risk.

FUTURE REPRODUCTION

MATING

ACTIVITY FOR A LONGER TIME

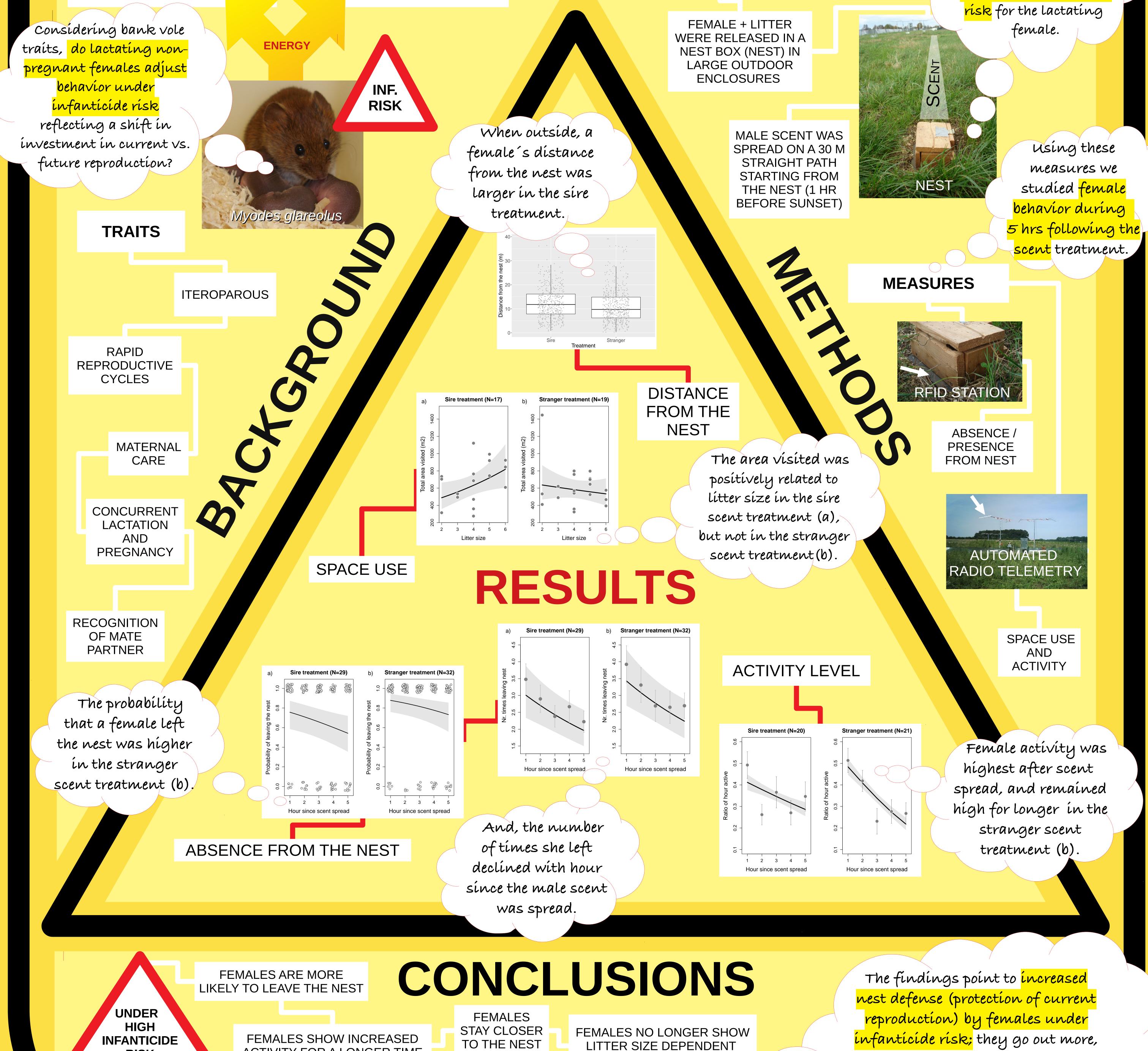
RISK



PROCEDURES

ARV012

By spreading the scent of either the sire of the litter (<mark>sire treatment</mark>) or of a strange male (<mark>stranger treatment</mark>), we simulated, respectively, low or high infanticide



but stay closer to their nest (more vigilance), are more active (increased alertness), and reduce time spent on other activities (e.g. resource acquisition.

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Animal Ecolos

Porsdam

RESOURCE ACQUISITION

DFG

Forschungsgemeinschaft International Collaborations

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