

# UNIT 5: Life history

# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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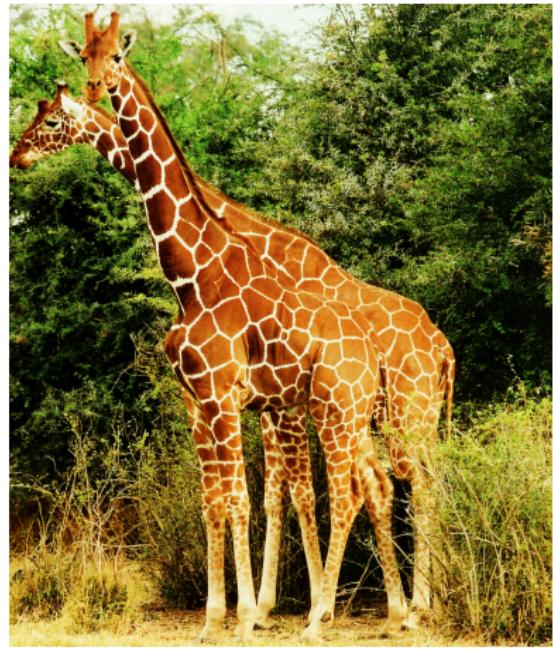
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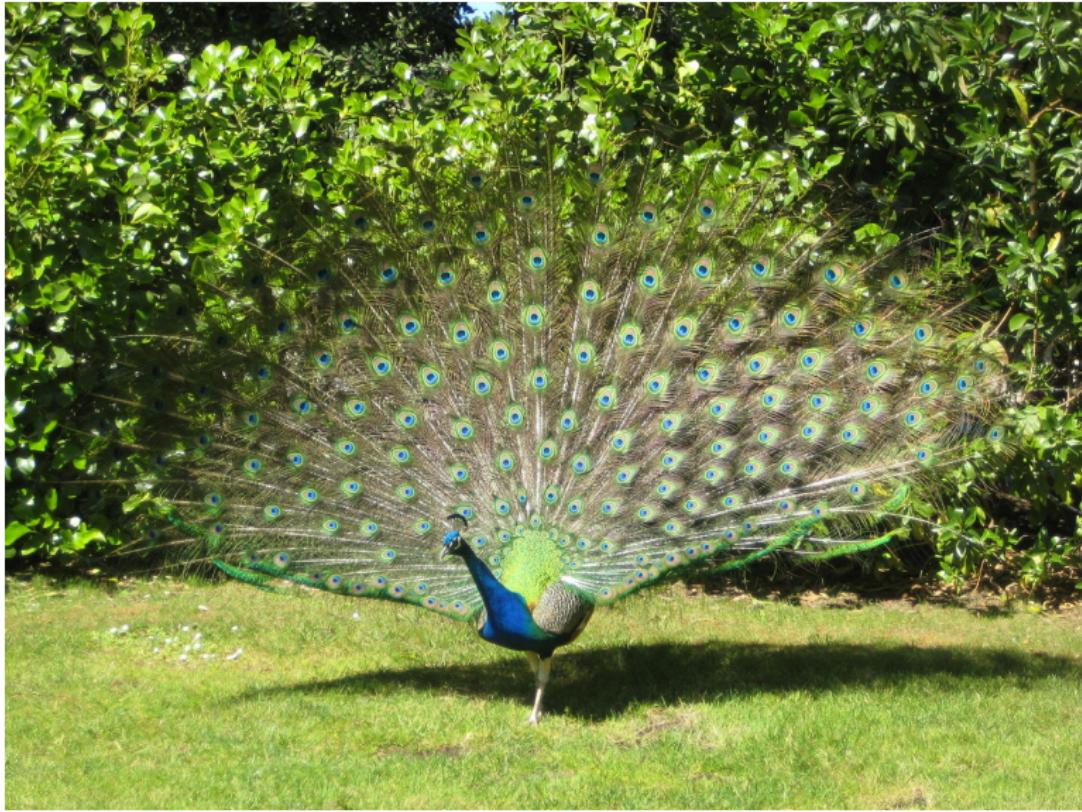
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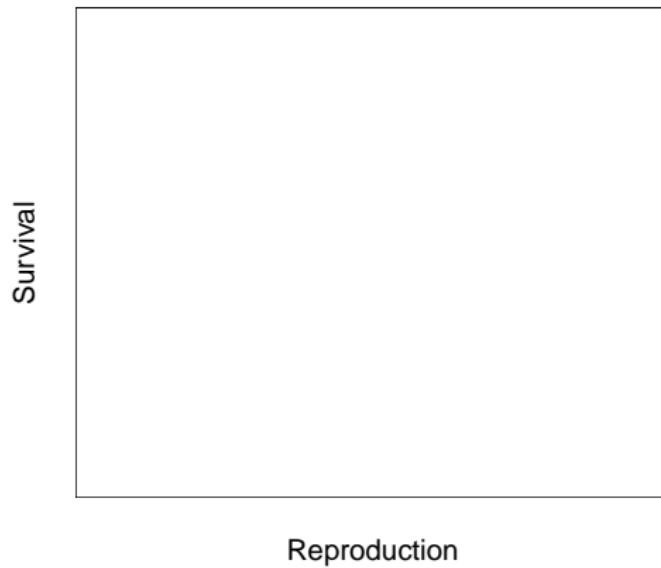
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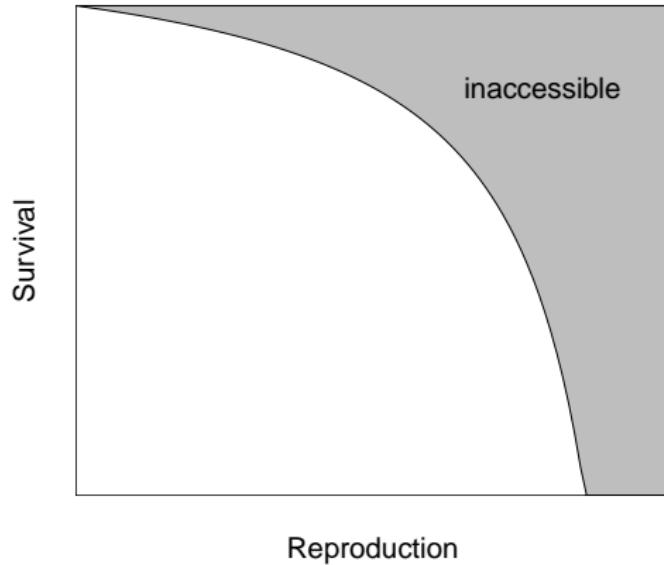
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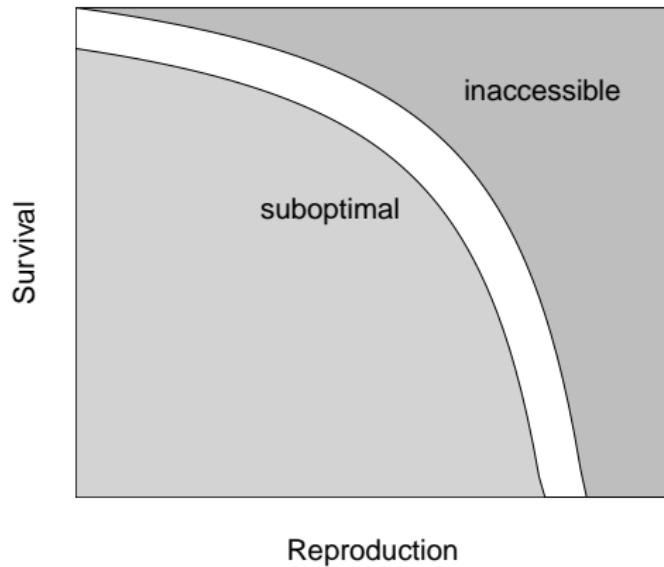
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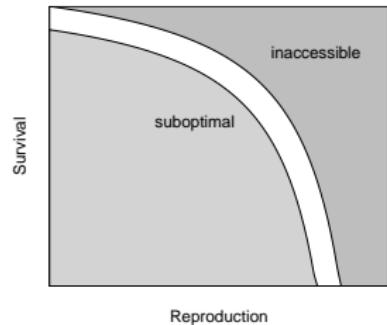


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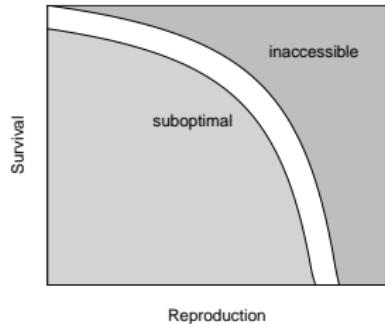
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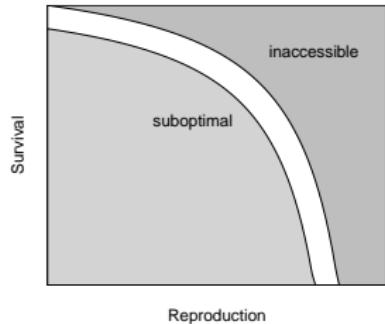
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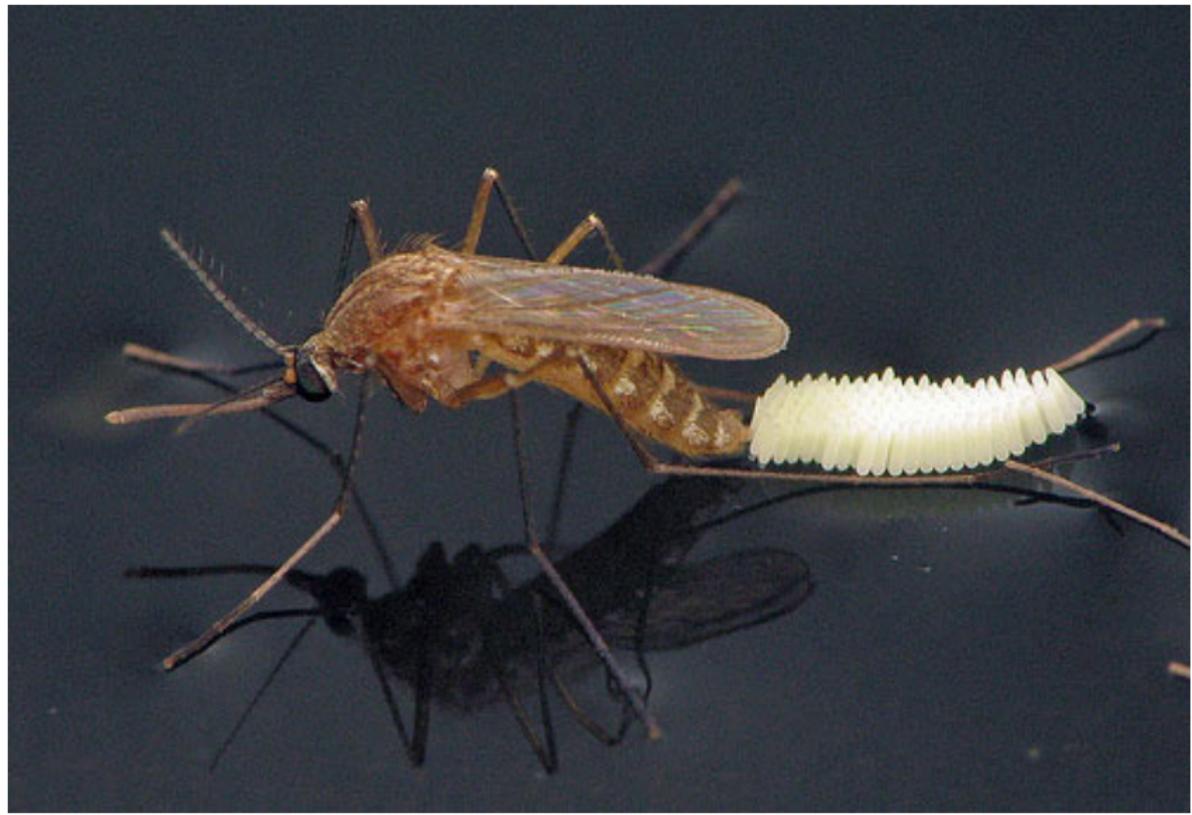
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# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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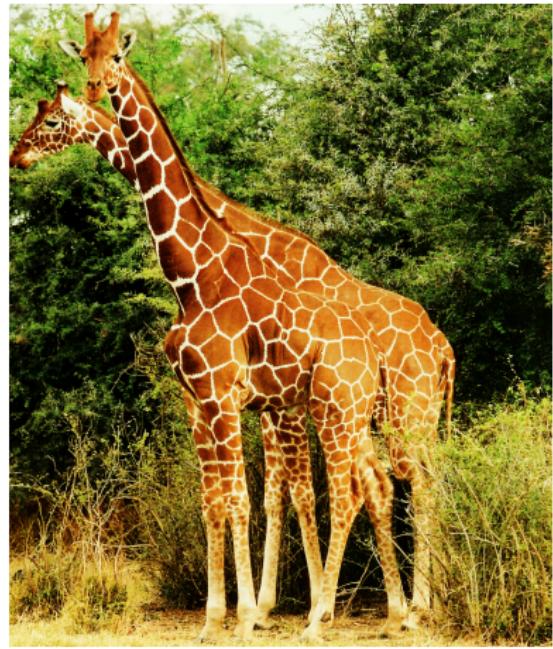
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# Strategies



## *Example: trees*



## *Open environment*



## *Stable environment*



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# Outline

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Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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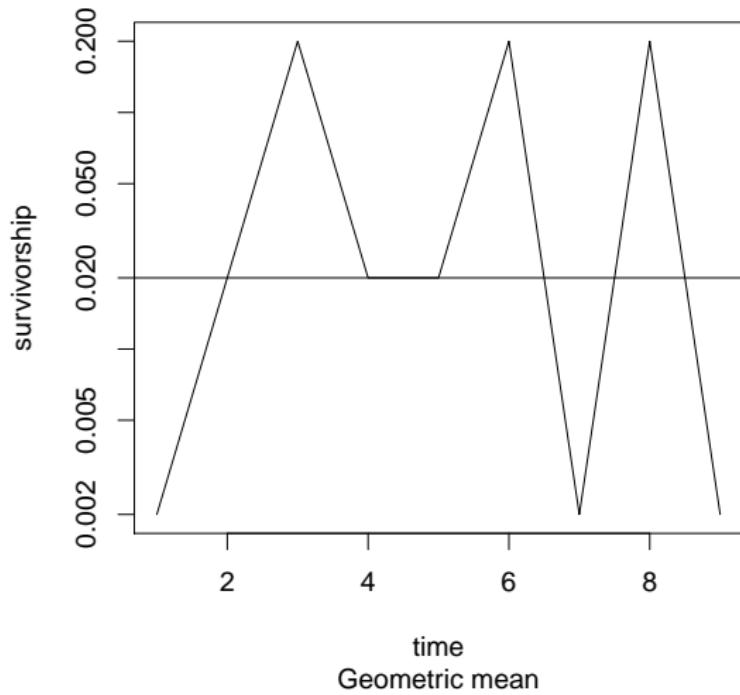
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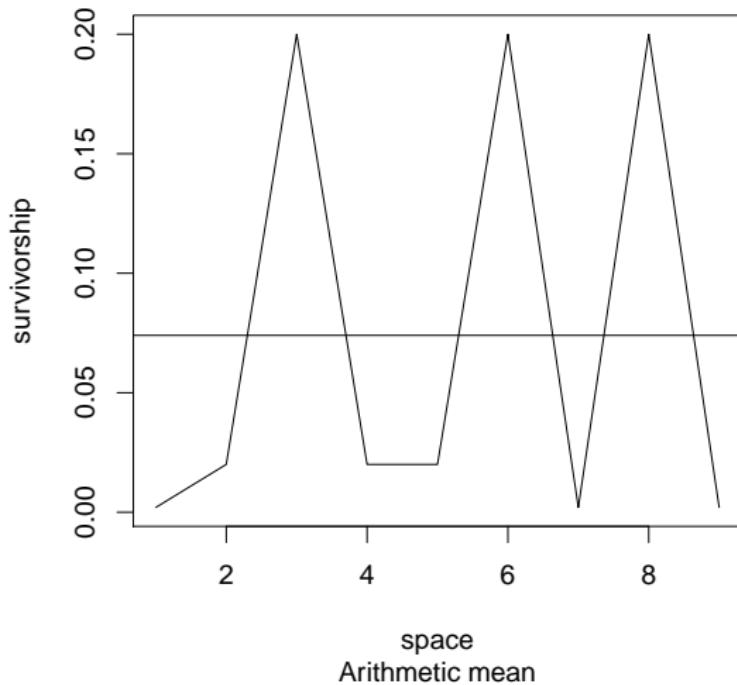
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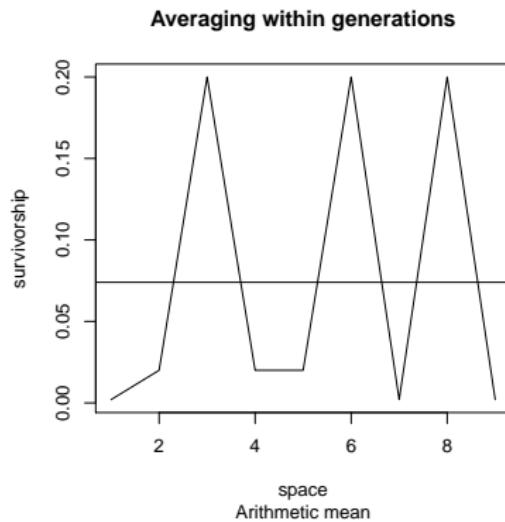
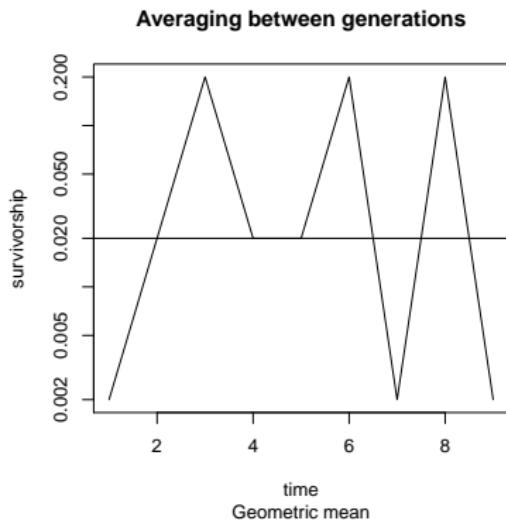


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# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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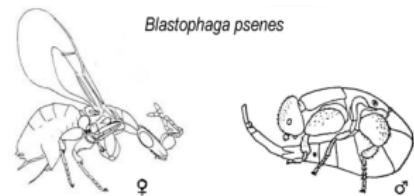
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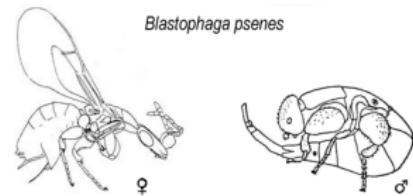
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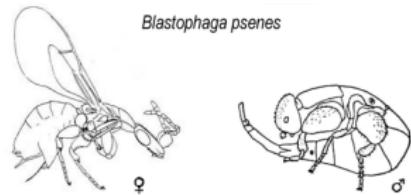
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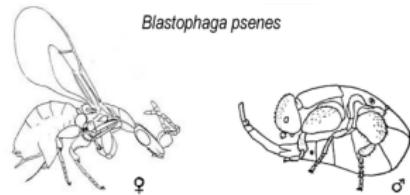
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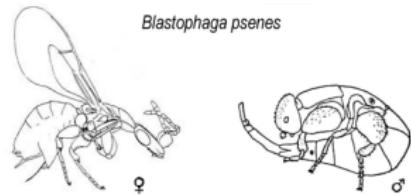
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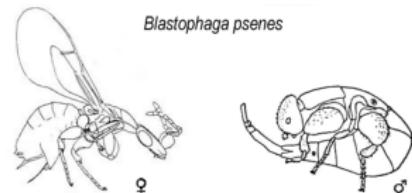
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