

# UNIT 4: Life history

# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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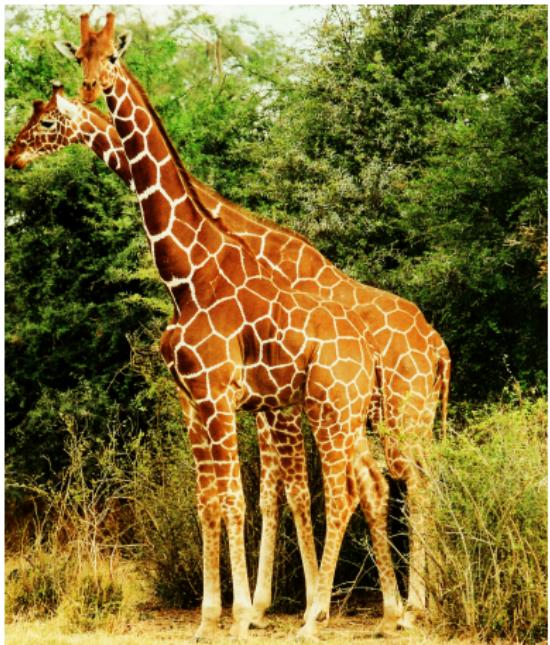
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## *Between populations*



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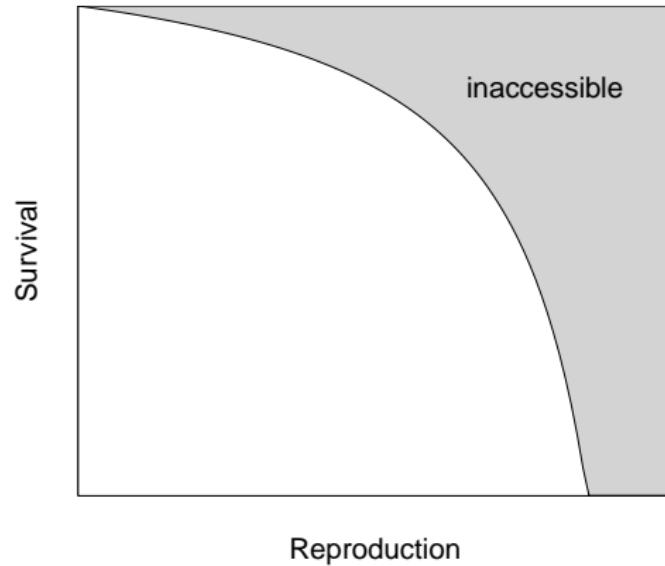
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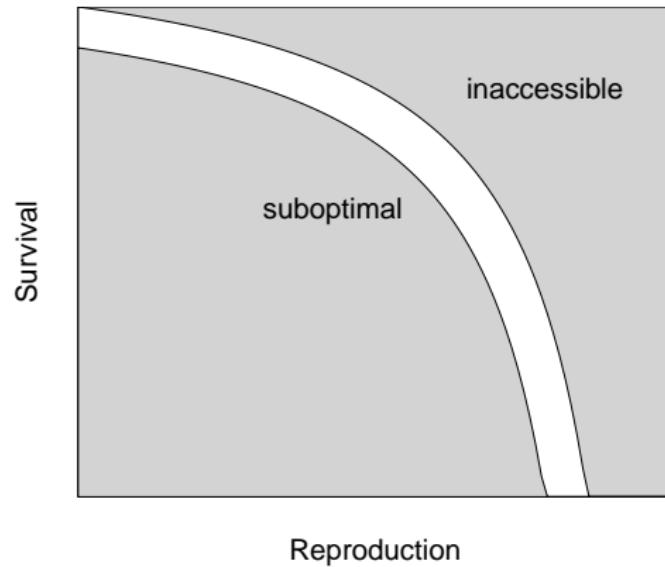
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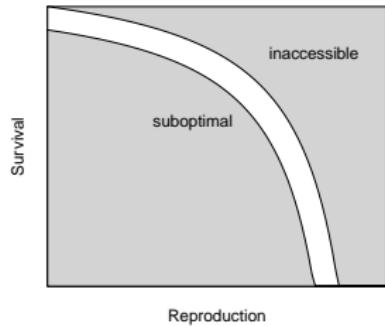


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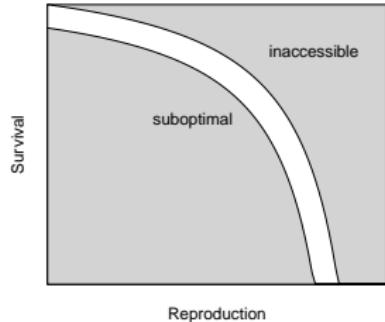
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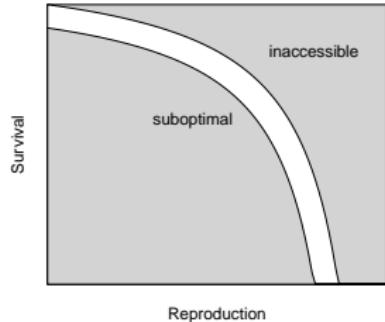
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## *Cole's paradox*



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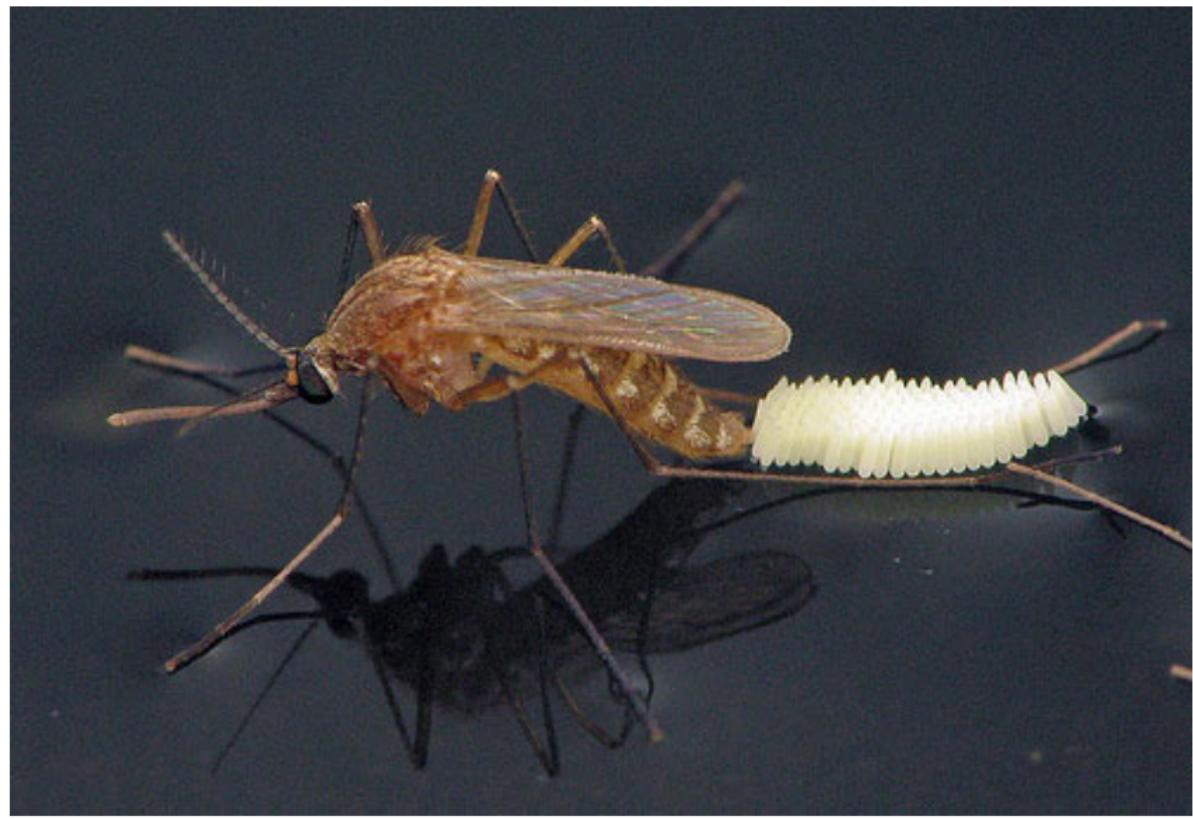
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# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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# *Apples and hemlocks?*

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Pictures of the above

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# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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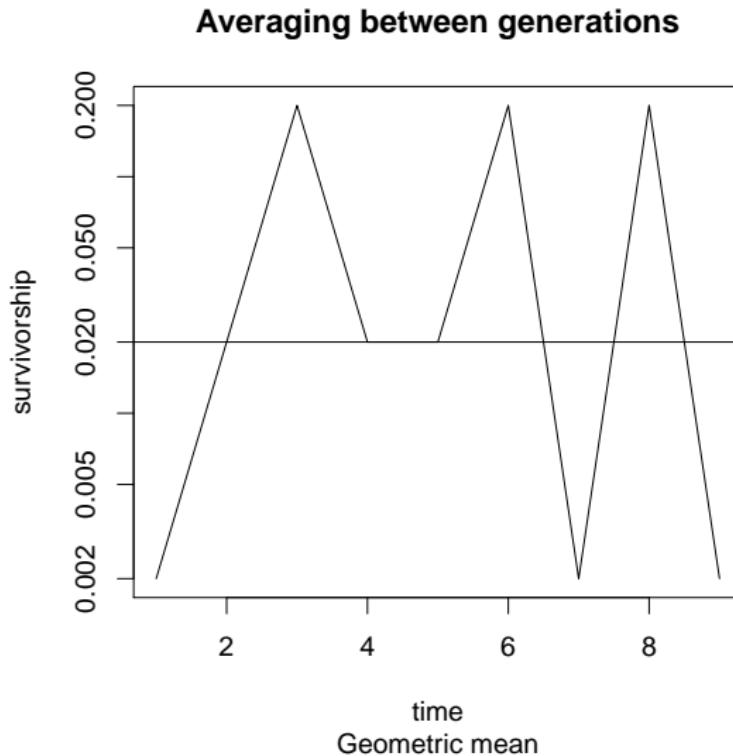
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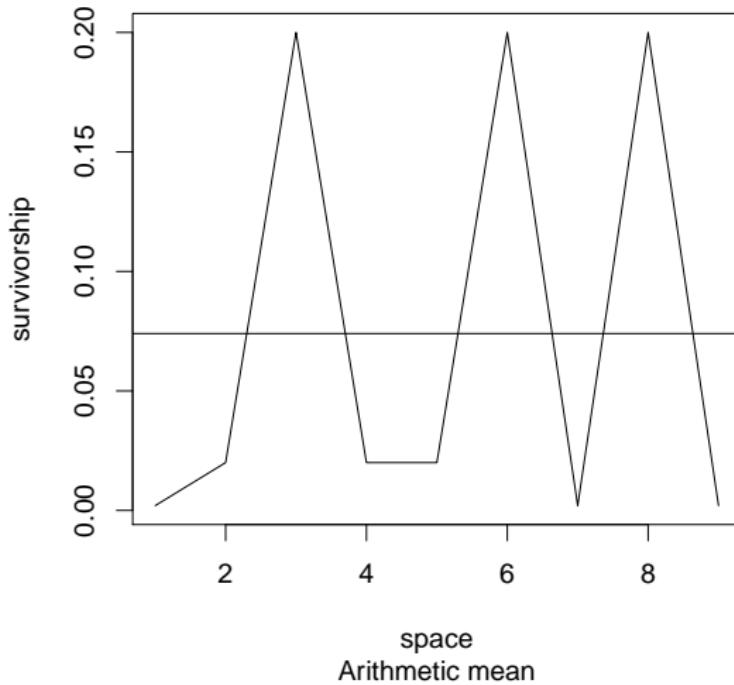
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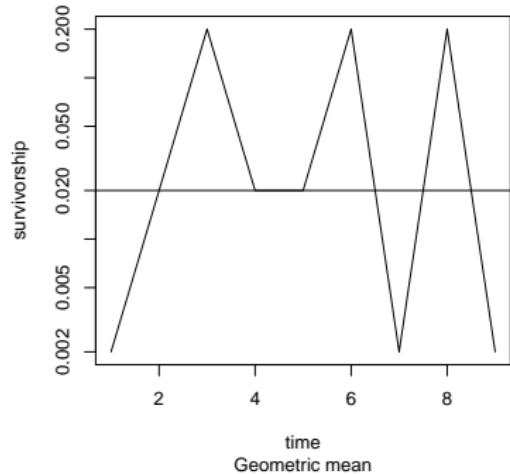
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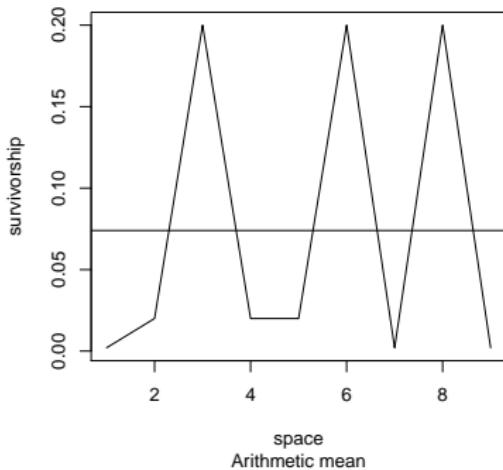


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# Outline

Introduction

Tradeoffs

The  $r$  vs.  $K$  metaphor

Bet hedging

Sex ratios

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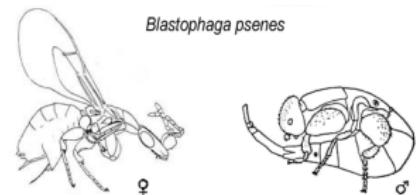
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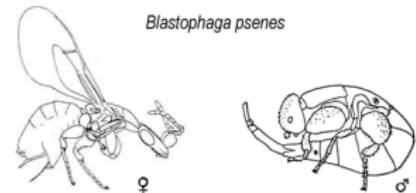
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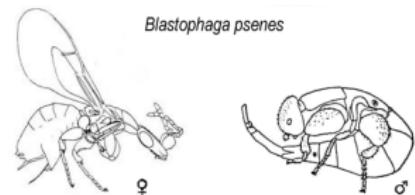
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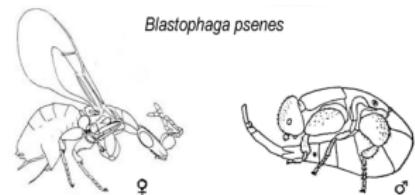
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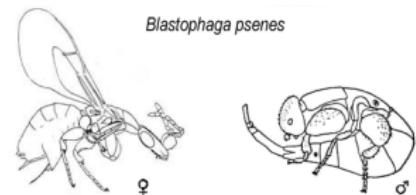
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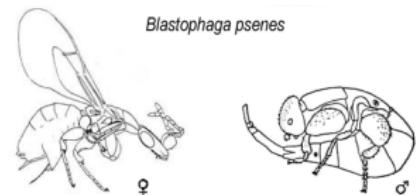
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