

3 Species strategies and population growth – Part 1 —Answers

Answers

Work through these after you have tried the questions yourself.

2.1 a generalist lives in many habitats and eats many foods; a specialist needs specific conditions or foods.

2.2 *r*-selected: many offspring with little care (or fast maturing); *K*-selected: few offspring with much care (or long-lived).

2.3 the maximum population an environment can support over the long term.

2.4 any three of: food, water, space, disease, predators.

2.5 the population briefly exceeds what the environment can support, then crashes (dies back) as resources run out.