

APOLLO

Stability and change

HL

Biology

First assessment 2025

2 questions | questions

39. What occurs during primary succession?

- A. Saprotrophs are the first to colonize bare rock.
- B. The amount of primary production remains stable.
- C. There is a decrease in species diversity.
- D. There is an increase in the complexity of food webs.

39. Which of these conditions is/are necessary for genotype frequencies to fit the Hardy–Weinberg equation?

- I. Homozygous recessive phenotypes have lower survival.
- II. Mating is random.
- III. The population is small.

- A. I only
- B. II only
- C. II and III only
- D. I, II and III