

Solutions

Each answer shows the steps, then the **result**.

2.1

- Primary starts on bare rock with no soil; secondary starts where soil already exists

2.2

- The first species to colonize a bare area

2.3

- A stable, mature community that persists until disturbed

3.1 A

- primary succession

3.2

(a)

- Secondary — the soil already exists (the field was farmed)

(b)

- weeds
- grasses
- shrubs
- mature forest

3.3

- Secondary succession already has soil (and often seeds/roots), so plants can establish immediately, while primary succession must first form soil from bare rock, which takes a long time