D4.2 Stability and change (HL)

What the Cell · DP Biology · note-taking sheet · HL statements D4.2.11–14

Name _____ **Date** _____

How to use this sheet: go through the slides and videos with it, then close them and write from memory. Use your own words and add page numbers from the book (pp. 814–819) where you want more detail.

Guiding questions. What allows ecosystems to remain stable indefinitely? Which human changes put ecosystem stability at risk?

D4.2.11–12 Succession

Abiotic and biotic causes. Primary compared with secondary. Flow chart of primary succession, and what increases along the way.

D4.2.13–14 Cycles, climax and arrested succession

One example of cyclical succession. What a climax community is. How grazing and draining wetlands arrest succession.

Before you finish

Tick the ones you can explain without notes. Circle anything to ask about.

- ☐ Primary and secondary
- ☐ Pioneers
- ☐ Trends in succession
- ☐ Cyclical succession
- ☐ Climax community
- ☐ Grazing
- ☐ Draining wetlands