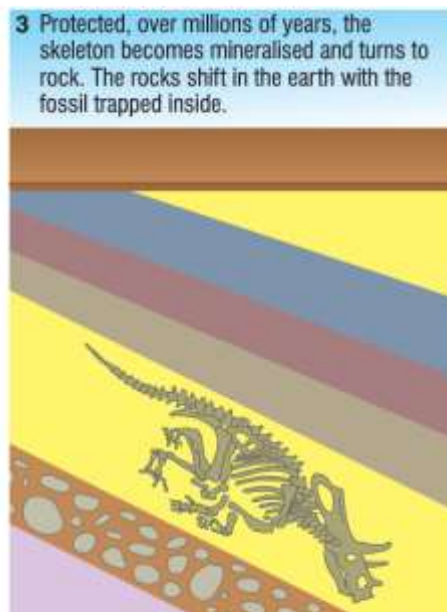


# Review B2.8 Speciation

<i>Can you...?</i>	😊	😐	☹️
<b>B2.8.1 Old and new species</b>			
Identify the main source of evidence for early forms of life			
Describe three ways in which fossils may be formed			
Explain why soft-bodied forms of life have left few traces behind			
Describe how fossil evidence can tell us how much or how little different organisms have changed as life developed on Earth			
Identify at least six possible causes for the extinction of a species			
Describe how new species arise, in terms of isolation of populations			
<b>(HT) Further describe how new species arise, in terms of genetic variation within populations, natural selection in those populations and speciation</b>			
Suggest reasons why scientists cannot be certain about how life began on Earth, in terms of valid evidence			



**Figure 3** It takes a very long time for fossils to form, but they provide us with invaluable evidence of how life on Earth has developed