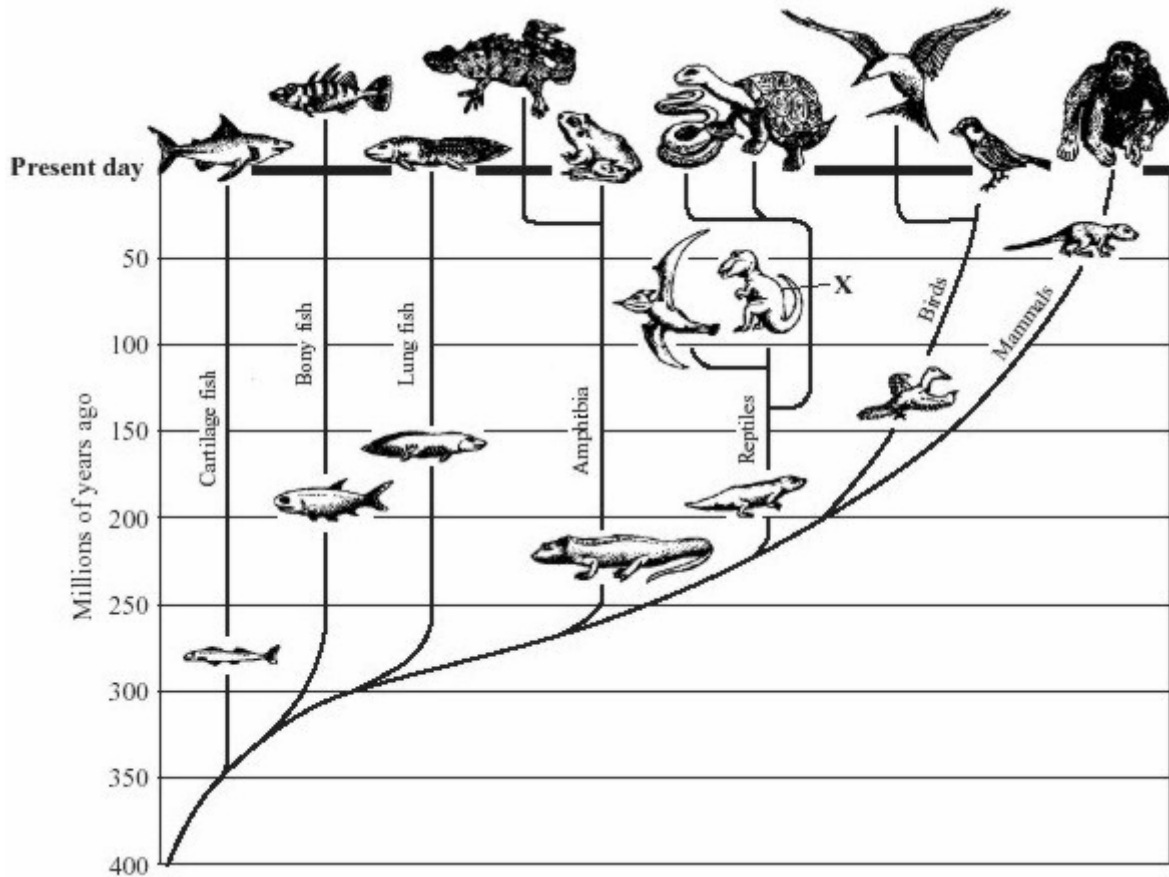


Old and new species

1. The diagram shows a timeline for the evolution of some groups of animals. All the groups shown below the line for **Present day** are extinct.



(a) Use information from the diagram to answer these questions.

(i) Name the **four** groups of animals which developed legs.

1 2

3 4

(1)

(ii) Name the **two** groups of animals which developed wings.

1

2

(1)

(iii) Which group of animals shown on the diagram evolved first?

.....

(1)

- (b) (i) The animal labelled X has been extinct for over 50 million years.
How do we know that it once lived?

.....
.....

(1)

- (ii) Complete the sentence by using the correct words from the box.

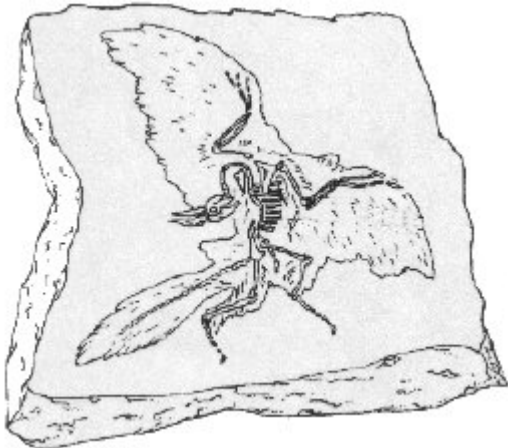
diseases	enzymes	hormones	plants	predators	rocks
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Animals may become extinct because of new
and new

(2)

(Total 6 marks)

- 2. The picture shows the fossil remains of a bird.



- (a) Look carefully at the picture. Some parts of the bird were fossilised.

- (i) What were these parts made of?

.....

(1)

- (ii) Explain why these parts have been preserved.

.....
.....

(2)

- (iii) How can you tell that this fossil was a bird? (You might find information from page 20 of the Data Book helpful.)

.....

(1)

- (b) This bird lived about 140 million years ago. This type of bird is now extinct.

- (i) What does 'extinct' mean?

- (1)
- (ii) Suggest **one** reason why this bird became extinct.
-
- (1)
- (iii) Name **one** other example of an animal that became extinct many millions of years ago.
-
- (1)
- (Total 7 marks)