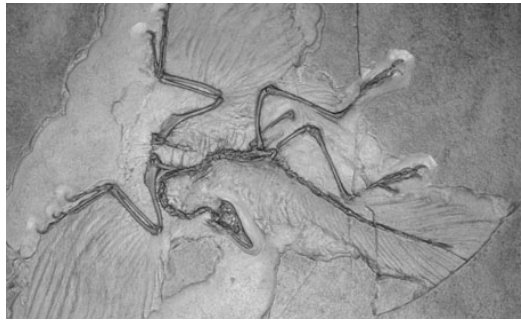


- 1 The picture shows the fossil remains of a bird.



Look carefully at the picture. Some parts of the bird were fossilized.

What were these parts made of?

Bones / feathers [1 mark]

(1 mark)

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

What does 'extinct' mean

all of its kind / species died out [1 mark]

(1 mark)

- 1 (a) (i) Suggest **one** reason why this bird became extinct.

Change of habitat / predators / change in climate / competition / disease [1 mark]

Being hunted by humans would not gain a mark here, because there were no humans around 140 million years ago.

(1 mark)

- 1 (a) (ii) It is suggested that the dinosaurs became extinct because of the impact of a giant meteorite. One theory is that the impact caused a large cloud of dust to rise, which blocked the sun for a long period of time.

Explain why this might have caused the extinction of many species that existed on the earth at that time.

No light for photosynthesis [1 mark]

Which meant no food / not enough food for herbivores then carnivores [1 mark]

Or No / not enough warmth from the sun [1 mark]

made it too cold [1 mark]

(2 marks)

(Total 5 marks)