

## **Planet Earth: Topic 8 - Fossils**

### **Practice Quiz**

1. The preserved remains (even the soft parts) of a plant or animal can likely be found in ...  
**amber**  
**sediment**  
**gemstones**  
**Burgess Shale**
2. Trilobites are one of the most famous groups of fossils. They are now extinct. They lived in ...  
**Gobi Desert**  
**Antarctic Tundra**  
**Fresh water lakes**  
**Warm ocean water**
3. Bambiraptor fossils were discovered by a 14 year-old by in Glacier National park, Montana. This was an important discovery, because it provides evidence that dinosaurs ...  
**were warm blooded**  
**became extinct as a result of a comet**  
**were related to birds**  
**were attentive parents**

4. When an organism is buried under many layers of sediment, pressure and heat build up, leaving a thin film of carbon residue on the rock surfaces. This residue forms the outline of the organism and is called ...

**petrified residue**

**carbonaceous film**

**carbon-dated remains**

**trace fossil residue**

5. When an organism falls into soft sediment, like mud, its hard parts dissolve leaving a cavity called a ...

**trace layer**

**cast**

**mould**

**chamber**

**Check your [Answers](#)**

## Planet Earth: Topic 8 - Fossils

### Answers

1. The preserved remains (even the soft parts) of a plant or animal can likely be found in ...  
**amber**  
**(Text p. 418) Amber is hardened resin (tree sap) which preserves the entire organism.**  
 **sediment**  
 **gemstones**  
 **Burgess Shale**
2. Trilobites are one of the most famous groups of fossils. They are now extinct. They lived in ...  
 **Gobi Desert**  
 **Antarctic Tundra**  
 **Fresh water lakes**  
**Warm ocean water**  
**(Text p. 418) Figure 5.74 They lived in warm ocean water and are now extinct.**
3. Bambiraptor fossils were discovered by a 14 year-old boy in Glacier National park, Montana. This was an important discovery, because it provides evidence that dinosaurs ...  
 **were warm blooded**  
 **became extinct as a result of a comet**  
**were related to birds**  
**(Text p. 419) Did You Know? This discovery provided evidence of a link between birds and dinosaurs.**  
 **were attentive parents**
4. When an organism is buried under many layers of sediment, pressure and heat build up, leaving a thin film of carbon residue on the rock surfaces. This residue forms an outline of the organism and is called ...  
 **petrified residue**  
**carbonaceous film**  
**(Text p. 418) The outline is called a carbonaceous film**  
 **carbon-dated remains**  
 **trace fossil residue**
5. When an organism falls into soft sediment, like mud, its hard parts dissolve leaving a cavity in the rock called a ...  
 **trace layer**  
 **cast**

**mould**

**(Text p. 420) The mould is the cavity in the rock.**

**xchamber**