



Massive Prehistoric Mammoth Femur Discovered in River

Description

A fossil hunter recently made an incredible discovery in a river near Ravenwood, Missouri. In a video that went viral, he waded into shallow water and retrieved a massive bone, thought to be a femur from a prehistoric creature.

A femur is one of the largest bones in many animals, including humans. The find suggests that a large mammal, possibly a mammoth or a mastodon, roamed the area long before humans appeared. The femur is believed to be well-preserved, according to the person who found it. This indicates it is an important specimen, raising interest among many in the palaeontology community.

The discovery is significant not only for fossil hunters but also for scientists studying prehistoric life. This femur could provide valuable insights into the ecosystem of that period. The finder has not yet decided what to do with the bone. Options include donating it to a museum, keeping it, or selling it.

Palaeontologists and fossil enthusiasts often stress the importance of responsible handling of such finds, as they can contribute much to our understanding of history. The community is likely watching closely to see how this fossil will be preserved and studied in the future. The next steps for the finder will play a crucial role in determining the fossil's destiny and its potential impact on scientific research.

Vocabulary List:

1. **Discovery** /dɪs'kʌv.ər.i/ (noun): The act of finding or uncovering something that was not previously known.
2. **Fossil** /'fɒs.əl/ (noun): The preserved remains or traces of ancient organisms.
3. **Palaeontology** /,peɪ.li.ən'tɒl.ə.dʒi/ (noun): The scientific study of the history of life on Earth through the examination of plant and animal fossils.
4. **Specimen** /'spɛsɪmən/ (noun): An individual or part representative of a species or group often kept for study.
5. **Ecosystem** /'i:kəʊ.sɪs.təm/ (noun): A community of living organisms and their physical environment interacting as a system.
6. **Preserved** /prɪ'zɜ:vəd/ (verb): To maintain something in its original or existing state.

Comprehension Questions



Multiple Choice

1. Where was the fossil discovered?

- Option: Ravenwood, Missouri
- Option: Springfield, Illinois
- Option: Kansas City, Missouri
- Option: St. Louis, Missouri

2. What type of bone was retrieved by the fossil hunter?

- Option: Skull
- Option: Vertebra
- Option: Femur
- Option: Rib

3. Which two prehistoric creatures are mentioned as possibilities for the femur's origin?

- Option: Tyrannosaurus and Triceratops
- Option: Mastodon and Mammoth
- Option: Stegosaurus and Brachiosaurus
- Option: Plesiosaurus and Ichthyosaurus

4. What is the significance of the femur's preservation?

- Option: Indicates it is worthless
- Option: Suggests it is an important specimen
- Option: Makes it easier to sell
- Option: Shows it is from a recent period

5. What are some options the finder is considering for the femur?

- Option: Keeping it, donating, or renting it out
- Option: Donating it to a museum, keeping it, or selling it
- Option: Throwing it away or keeping it
- Option: Using it for personal research or giving it away

6. Why is the discovery significant for scientists?

- Option: It offers new ways to study modern animals
- Option: It provides insights into the ecosystem of that period
- Option: It is a unique artistic piece
- Option: It has no scientific value



True-False

7. The bone found was confirmed to be from a dinosaur.
8. The community is interested in how the fossil will be preserved and studied.
9. Palaeontologists encourage irresponsible handling of fossil finds.
10. A femur is one of the smallest bones in mammals.
11. The fossil hunter retrieved the bone from shallow water.
12. The finder has already donated the femur to a museum.

Gap-Fill

13. The discovery was made by a fossil hunter in a river near _____.
14. A femur is one of the largest bones in many animals, including _____.
15. The femur could provide valuable insights into the _____ of that period.
16. Researchers stress the importance of responsible handling of fossil _____.
17. The finder has not yet decided what to do with the _____.
18. Palaeontologists and fossil enthusiasts are watching how this fossil will be _____.

Answer

Multiple Choice: 1. Ravenwood, Missouri 2. Femur 3. Mastodon and Mammoth 4. Suggests it is an important specimen 5. Donating it to a museum, keeping it, or selling it 6. It provides insights into the ecosystem of that period

True-False: 7. False 8. True 9. False 10. False 11. True 12. False

Gap-Fill: 13. Ravenwood, Missouri 14. humans 15. ecosystem 16. finds 17. bone 18. preserved

Vocabulary quizzes



Multiple Choice (Select the Correct answer for each question.)

1. What is a fossil?

- Option: A preserved remains of ancient organisms
- Option: A type of rock formation
- Option: A meteorological phenomenon
- Option: An extinct species

2. Which of the following best describes an ecosystem?

- Option: A community of living organisms and their environment
- Option: A group of identical species
- Option: A geographical area without life
- Option: A collection of fossils

3. What is the role of a predator in an ecosystem?

- Option: To create food
- Option: To control the population of prey species
- Option: To decompose organic matter
- Option: To provide shelter

4. Biodiversity refers to what?

- Option: The variety of life in the world
- Option: The number of species in one ecosystem
- Option: The extinction of species
- Option: The climate diversity

5. What is a key element of scientific progress?

- Option: Discovery
- Option: Repetition
- Option: Confirmation
- Option: Following traditions

6. Palaeontology is the study of what?

- Option: Ancient life through fossils
- Option: Astrological phenomena
- Option: Current ecosystems
- Option: Living species

7. What is a specimen in a scientific context?

- Option: A single example of a species
- Option: A type of fossil
- Option: An observational result



Option: A theoretical concept

8. What does celestial relate to?

Option: Heavenly bodies like stars and planets

Option: Earthly creatures

Option: Biological studies

Option: Oceanic depths

9. In astronomy what does syzygy refer to?

Option: The alignment of celestial bodies

Option: A type of star

Option: The study of galaxies

Option: The calculation of light years

10. What is the primary purpose of an observatory?

Option: To observe celestial phenomena

Option: To house fossils

Option: To maintain biodiversity

Option: To conduct ecological surveys

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. A _____ is formed when organic material is preserved over millions of years.

12. An _____ consists of living organisms interacting with their environment.

13. Certain species can _____ in extreme conditions.

14. In the food chain a _____ hunts and eats other animals.

15. High _____ is essential for a healthy environment.

16. The exciting _____ of a new species can change our understanding of biology.

17. _____ helps us understand the history of life on Earth through fossils.

18. A well-preserved _____ can provide valuable information about past climates.

19. Astronomers study various _____ phenomena including stars and planets.

20. An _____ event occurs when one celestial body moves into the shadow of another.



Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. A fossil is an ancient remnant of a living organism that has been preserved over time.
22. An ecosystem includes all the living organisms in a particular area and their interactions with the environment.
23. Plant species often thrive in conditions that are ideal for their growth.
24. A predator is an animal that hunts and eats other animals for survival.
25. Biodiversity is crucial for maintaining ecological balance in the environment.
26. The discovery of a new species can provide insights into evolutionary history.
27. Palaeontology is the scientific study of the history of life on Earth through fossils.
28. A specimen in research refers to an individual organism or a sample used for study.
29. Celestial bodies include all natural objects in space such as stars planets and moons.
30. Eclipsing is a phenomenon that occurs when one object moves into the shadow of another in space.

Answer

Multiple Choice: 1. A preserved remains of ancient organisms 2. A community of living organisms and their environment 3. To control the population of prey species 4. The variety of life in the world 5. Discovery 6. Ancient life through fossils 7. A single example of a species 8. Heavenly bodies like stars and planets 9. The alignment of celestial bodies 10. To observe celestial phenomena

Gap-Fill: 11. fossil 12. ecosystem 13. thrive 14. predator 15. biodiversity 16. discovery 17. Palaeontology 18. specimen 19. celestial 20. eclipsing

Matching sentence: 1. fossil 2. ecosystem 3. thrive 4. predator 5. biodiversity 6. discovery 7. palaeontology 8. specimen 9. celestial 10. eclipsing

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