

Record UK Discovery: Hundreds of Dinosaur Footprints Found!

Description

In a groundbreaking discovery in the UK, British researchers have unearthed approximately 200 dinosaur footprints that date back a staggering 166 million years. This find, considered the most significant in the country, was made by teams from Oxford and Birmingham Universities at a quarry in Oxfordshire, central England. The discovery was kickstarted when a worker noticed peculiar bumps while using a mechanical digger to strip clay back.

The excavation revealed five extensive trackways, with the longest track stretching more than 150 meters. Four of these trackways are believed to have been left by a long-necked herbivorous dinosaur, likely a *cetiosaurus*. The fifth trackway is thought to belong to a carnivorous *megalosaurus* with distinctive three-toed feet and claws. Emma Nicholls from Oxford University's Museum of Natural History highlighted the rarity of finding such a large number of footprints in one area, making this site potentially one of the largest dinosaur track sites globally.

The researchers meticulously documented the footprints, capturing 20,000 photographs and creating detailed 3D models using aerial drone technology. This discovery is expected to shed light on how dinosaurs interacted, their sizes, and the speeds at which they moved. The exploration will be featured in an upcoming BBC documentary titled "Digging for Britain". Richard Butler, a palaeobiologist from the University of Birmingham, suggested that fortuitous weather conditions may have contributed to the exceptional preservation of these tracks. Quarry worker Gary Johnson, whose keen observation led to the excavation, described the experience as surreal and spellbinding, emphasizing the unique thrill of being the first to witness these ancient imprints.

Vocabulary List:

1. **Unearthed** /ʌn'ɜ:rθd/ (verb): To discover or bring to light something hidden or buried.
2. **Invocation** /,ɪnvə'keɪʃən/ (noun): The act of calling upon something especially in a formal or spiritual context.
3. **Meticulously** /mə'tɪkjʊləslɪ/ (adverb): In a way that shows great attention to detail; very thoroughly.
4. **Carnivorous** /ka:r'nɪvərəs/ (adjective): Feeding on other animals; meat-eating.
5. **Herbivorous** /hɜ:r'bɪvərəs/ (adjective): Feeding on plants; plant-eating.
6. **Preservation** /,prezər'veɪʃən/ (noun): The act of maintaining something in its original or existing state.

Comprehension Questions

Multiple Choice

1. Where was the groundbreaking dinosaur footprint discovery made?

- Option: Scotland
- Option: Wales
- Option: Oxfordshire, England
- Option: Northern Ireland

2. Which universities were involved in the dinosaur footprint discovery?

- Option: Cambridge and London
- Option: Oxford and Birmingham
- Option: Manchester and Liverpool
- Option: Cardiff and Edinburgh

3. How many footprints were approximately unearthed in the UK discovery?

- Option: 100
- Option: 200
- Option: 500
- Option: 1000

4. Which type of dinosaur is believed to have left the fifth trackway?

- Option: Stegosaurus
- Option: Triceratops
- Option: Megalosaurus
- Option: Brachiosaurus

5. The research team documented the footprints using which technology?

- Option: Satellite imaging
- Option: Underwater cameras
- Option: Aerial drone technology
- Option: Infrared sensors

6. Which quarry worker first noticed the peculiar bumps leading to the discovery?

- Option: David Smith
- Option: Sarah Brown
- Option: Gary Johnson
- Option: Emily Wilson

True-False

7. The dinosaur footprints unearthed in the UK date back 66 million years.
8. The fifth trackway was made by a long-necked herbivorous dinosaur.
9. The dinosaur footprints discovery will be featured in a documentary titled "Digging for England".
10. Emma Nicholls is from Birmingham University.
11. A total of 10,000 photographs were captured during the documentation process.
12. The quarry worker who noticed the bumps described the experience as underwhelming.

Gap-Fill

13. The dinosaur footprints in the UK date back approximately _____ million years.
14. The dinosaur believed to have left the fifth trackway is a _____.
15. The largest track discovered spanned more than _____ meters.
16. The detailed 3D models of the footprints were created using _____ technology.
17. Gary Johnson, the quarry worker, described the experience as _____ and spellbinding.
18. The quarry worker noticed the bumps while using a _____ to strip clay back.

Answer

Multiple Choice: 1. Oxfordshire, England 2. Oxford and Birmingham 3. 200 4. Megalosaurus 5. Aerial drone technology 6. Gary Johnson

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

Gap-Fill: 13. 166 14. Megalosaurus 15. 150 16. aerial drone 17. surreal 18. mechanical digger



Vocabulary quizzes

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

1. What term describes something that has been uncovered or discovered?

- Option: Drowned
- Option: Invisible
- Option: Unearthed
- Option: Hidden

2. Which word refers to heavenly or divine entities?

- Option: Terrestrial
- Option: Mundane
- Option: Supernatural
- Option: Celestial

3. What does it mean when objects are in proper or correct relative positions?

- Option: Disarray
- Option: Misalignment
- Option: Alignment
- Option: Chaotic

4. Which term describes something strong healthy and vigorous?

- Option: Fragile
- Option: Delicate
- Option: Robust
- Option: Weak

5. What does it mean to make something less severe serious or painful?

- Option: Intensify
- Option: Worsen
- Option: Amplify
- Option: Mitigate

6. Which term is used to describe anxiety or fear that something bad will happen?

- Option: Elation
- Option: Joy
- Option: Contentment
- Option: Apprehension

7. What term is used to describe the act of fighting or opposing something?



Option: Embracing
Option: Accepting
Option: Surrendering
Option: Combatting

8. Which word is used to describe keenness or sharpness especially in perception or vision?

Option: Blurriness
Option: Dullness
Option: Clarity
Option: Acuity

9. What term describes something that has not happened before or never seen or experienced?

Option: Common
Option: Ordinary
Option: Unprecedented
Option: Typical

10. What term is used to describe an approach that considers the whole system or entity?

Option: Fragmented
Option: Partial
Option: Holistic
Option: Limited

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

11. The _____ of historical artifacts is crucial for maintaining cultural heritage.

12. The distance between stars is measured in _____ units.

13. The _____ of information across long distances has been revolutionized by modern technology.

14. The car accelerated at an incredible _____ on the open highway.

15. The garden was filled with a _____ of colorful flowers.

16. Regular exercise is said to promote health and _____.

17. The confidential documents were securely _____ from unauthorized access.

18. An _____ of the moon occurs when it passes directly behind the earth into its

shadow.

19. The artist _____ painted every detail of the landscape with precision.

20. A _____ can help protect individuals from certain infectious diseases.

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

21. Natural disasters such as hurricanes and earthquakes are catastrophic .

22. Lions and tigers are examples of animals that primarily eat meat.

23. An is an event where one celestial body is hidden by another.

24. The sun's is visible during a total solar eclipse.

25. Teamwork is in achieving success in most projects.

26. The ability to bounce back from adversity is known as .

27. The priest performed an to summon divine blessings during the ceremony.

28. Efforts to reduce carbon emissions are important for environmental .

29. Deer and rabbits are known for being primarily feeding on plants and vegetation.

30. Ancient artifacts were during the archaeological dig.

Answer

Multiple Choice: 1. Unearthed 2. Celestial 3. Alignment 4. Robust 5. Mitigate 6. Apprehension 7. Combatting 8. Acuity 9. Unprecedented 10. Holistic

Gap-Fill: 11. Preservation 12. Astronomical 13. Transmission 14. Velocity 15. Myriad 16. Longevity 17. Shielded 18. Eclipse 19. Meticulously 20. Vaccination

Matching sentence: 1. Phenomena 2. Carnivorous 3. Occultation 4. Coroná 5. Instrumental 6. Resilience 7. Invocation 8. Mitigation 9. Herbivorous 10. Unearthed

CATEGORY

1. Health - LEVEL5

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