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# Century-long Misclassification Ends: New Predator Dinosaur Unveiled!

## Description

In a groundbreaking discovery, paleontologists have unearthed a captivating tale of ancient dinosaurs.

Recent research unveiled a new dinosaur species that roamed Africa approximately 95 million years ago, with their findings detailed in a publication by the esteemed journal PLOS ONE.

This prehistoric marvel, known as Tameryraptor markgrafi, belongs to the esteemed group of carnivorous theropod dinosaurs, the Carcharodontosauridae.

Displaying Tameryraptor markgrafi fossil bones. Kellermann et al

The fossilized remnants of this magnificent creature were initially unearthed in 1914 from the Bahariya Formation in a region within the northern Bahariya Oasis of Egypt.

Initial discoveries were documented in 1931 by the distinguished German paleontologist Ernst Stromer von Reichenbach, inaccurately attributing the species to Carcharodontosaurus saharicus.

Comprising of skull fragments, vertebrae, and skeletal components such as femora and fibula, this specimen stands as a testament to ancient history.

Despite the destruction of the original specimen during World War II in Munich, Germany, a detailed endocast of the braincase now resides in Berlin.

An illustration showcasing the Tyrannosaurus Rex skeleton in Singapore. HOW HWEE YOUNG/EPA-EFE/Shutterstock

The lead researcher, Dr. Kellermann, expressed astonishment at the historical images, noting a significant departure from recent Carcharodontosaurus discoveries in Morocco. The result: a distinct predatory dinosaur species dubbed Tameryraptor markgrafi.

An intriguing depiction of the giganotosaurus. DM7 – stock.adobe.com

Senior author Dr. Oliver Rauhut described Tameryraptor markgrafi as a colossal beast measuring nearly 33 feet long, boasting symmetrical teeth and a prominent nasal horn.

Highlighting the species' close relations to North African, South American carcharodontosaurs, and Asian metriacanthosaurs, Dr. Rauhut emphasized the previously underestimated diversity of North Africa's dinosaur fauna.

This enlightening study emphasizes the significance of delving into both the earth and historical archives, offering profound insights into the mesmerizing world of prehistoric creatures.

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## Vocabulary List:

1. **Paleontologists** /ˌpeɪ.lɪ.ɒn.təl.ə.dʒɪsts/ (noun): Scientists who study the history of life on Earth through the examination of plant and animal fossils.
2. **Unearthed** /ʌnˈɜːrθd/ (verb): To uncover or find something hidden beneath the surface.
3. **Carnivorous** /kɑːrˈnɪv.ər.əs/ (adjective): Flesh-eating or meat-eating; referring to organisms that primarily consume meat.
4. **Remnants** /ˈrɛm.nənts/ (noun): Remaining parts or fragments of something that has been destroyed or lost.
5. **Specimen** /ˈspɛs.ɪ.mən/ (noun): An individual example or representative of a group especially for scientific study.
6. **Significance** /sɪɡˈnɪf.ɪ.kəns/ (noun): The quality of being worthy of attention; the importance of something.

## Comprehension Questions

### Multiple Choice

1. Where were the fossilized remnants of *Tameryraptor markgrafi* initially unearthed?  
Option: Morocco  
Option: Egypt  
Option: India  
Option: Brazil
2. Who inaccurately attributed the initial specimen to *Carcharodontosaurus saharicus* in 1931?  
Option: Dr. Oliver Rauhut  
Option: Dr. Kellermann  
Option: Ernst Stromer von Reichenbach  
Option: Dr. Alan Grant
3. What group of dinosaurs does *Tameryraptor markgrafi* belong to?  
Option: Tyrannosaurids  
Option: Carcharodontosauridae  
Option: Diplodocids  
Option: Stegosaurids
4. Where does the detailed endocast of the braincase now reside following the destruction of the original specimen?  
Option: Cairo



- Option: Berlin
- Option: Paris
- Option: London

5. Who described Tameryraptor markgrafi as a colossal beast with symmetrical teeth and a prominent nasal horn?

- Option: Dr. Kellermann
- Option: Ernst Stromer von Reichenbach
- Option: Dr. Oliver Rauhut
- Option: Dr. Alan Grant

6. What is emphasized by the researcher in terms of the species' relations to other dinosaurs?

- Option: Its European lineage
- Option: Its isolation on the African continent
- Option: Its close relations to various dinosaur groups
- Option: Its unknown origins

### True-False

- 7. The lead researcher was Dr. Kellermann.
- 8. The original specimen of Tameryraptor markgrafi was destroyed during World War I.
- 9. Dr. Oliver Rauhut highlighted the species' underestimated diversity.
- 10. Tameryraptor markgrafi was a herbivorous dinosaur.
- 11. The fossil discoveries were primarily made in South America.
- 12. The detailed endocast of the braincase now resides in Munich.

### Gap-Fill

13. The initial discoveries of Tameryraptor markgrafi were documented in \_\_\_\_\_  
by the German paleontologist Ernst Stromer von Reichenbach.



14. Dr. Oliver Rauhut described Tameryraptor markgrafi as a colossal beast measuring nearly \_\_\_\_\_ feet long.
15. Tameryraptor markgrafi belongs to the group of carnivorous theropod dinosaurs, the \_\_\_\_\_.
16. The detailed endocast of the braincase now resides in \_\_\_\_\_.
17. Tameryraptor markgrafi was unearthed from the Bahariya Formation in a region within the northern Bahariya Oasis of \_\_\_\_\_.
18. Dr. Rauhut emphasized the previously underestimated diversity of North Africa's dinosaur \_\_\_\_\_.

## Answer

**Multiple Choice:** 1. Egypt 2. Ernst Stromer von Reichenbach 3. Carcharodontosauridae 4. Berlin 5. Dr. Oliver Rauhut 6. Its close relations to various dinosaur groups

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

**Gap-Fill:** 13. 1931 14. 33 15. Carcharodontosauridae 16. Berlin 17. Egypt 18. fauna

## Vocabulary quizzes

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

1. Which word is used to describe something that is extraordinary or worthy of attention?

Option: Capable  
Option: Dynamic  
Option: Remarkable  
Option: Enhance

2. What term is used to signify a significant development or achievement?

Option: Remarkable  
Option: Breakthrough  
Option: Phenomena



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Option: Anticipation

3. Which word refers to the act of inventing or concocting false information?

Option: Misinformation

Option: Fabrications

Option: Credibility

Option: Notorious

4. What term describes the ability to recover quickly from difficulties or toughness?

Option: Functionality

Option: Dynamic

Option: Resilience

Option: Alteramagnetism

5. Which word means to improve or add value to something?

Option: Enhance

Option: Distortion

Option: Symmetry

Option: Inaccuracies

6. What word is used to describe skillful handling or control for nefarious purposes?

Option: Paleontologists

Option: Manipulation

Option: Alteramagnetism

Option: Augmented

7. Which term refers to the act of looking forward to something with excitement?

Option: Immersion

Option: Anticipation

Option: Unearthed

Option: Obscure

8. Which word best describes someone who has the ability or capacity to do something?

Option: Carnivorous

Option: Notorious

Option: Capable

Option: Divulged

9. What is the term that refers to the alteration of magnetic properties under stress?



- Option: Altermagnetism
- Option: Specimen
- Option: Significance
- Option: Hallucinations

10. Which term is used to describe something that is not well-known or difficult to understand?

- Option: Fabricated
- Option: Obscure
- Option: Breakthrough
- Option: Aligned

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

11. A \_\_\_\_\_ speaker can hold the audience's attention and deliver engaging presentations.

12. Ensuring the \_\_\_\_\_ of sources is crucial when conducting research to maintain accuracy.

13. \_\_\_\_\_ study fossils to understand ancient life forms and ecosystems.

14. The archaeologists \_\_\_\_\_ ancient artifacts that shed light on early human civilization.

15. Through the use of virtual reality the museum \_\_\_\_\_ visitors' experiences with interactive displays.

16. Certain drugs can induce sensory perceptions that are not real leading to \_\_\_\_\_.

17. The witness admitted to having \_\_\_\_\_ the story to mislead the authorities.

18. The new software update improves the \_\_\_\_\_ of the app making it more user-friendly.

19. It is important to fact-check information to prevent the spread of \_\_\_\_\_.

20. The discovery of the ancient manuscript held great \_\_\_\_\_ for scholars studying the



period.

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

21. The artist used a special lens to create a visual effect in the photograph.
22. The criminal was known for being a figure in the history of organized crime.
23. The building's architecture displayed perfect in its design with equal proportions on both sides.
24. Adding fresh herbs and spices can greatly the flavor of a simple dish.
25. The scientists celebrated their latest in cancer research bringing hope for new treatments.
26. Auroras are natural that occur in the polar regions creating stunning light displays.
27. The outlaw gained a reputation for his daring bank robberies.
28. The witness reluctantly the truth under intense questioning by the detectives.
29. The invention of the light bulb was a major in the field of technology.
30. The paranormal investigator encountered unexplained during the overnight stakeout.

## Answer

**Multiple Choice:** 1. Remarkable 2. Breakthrough 3. Fabrications 4. Resilience 5. Enhance 6. Manipulation 7. Anticipation 8. Capable 9. Altermagnetism 10. Obscure

**Gap-Fill:** 11. Dynamic 12. Credibility 13. Paleontologists 14. Unearthed 15. Augmented 16. Hallucinations 17. Fabricated 18. Functionality 19. Misinformation 20. Significance

**Matching sentence:** 1. Distortion 2. Notorious 3. Symmetry 4. Enhance 5. Breakthrough 6. Phenomena 7. Notorious 8. Divulged 9. Breakthrough 10. Phenomena

## CATEGORY

1. Sci/Tech - LEVEL6

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