



How Humanity's Ancient Ancestors Thrived in Harsh Conditions

Description

People thought that only humans could adapt to tough climates like hot deserts and thick rainforests. A new study shows that some of our ancestors, called [*Homo erectus*](#), could also live in hard places.

Researchers worked at the [Oldupai Gorge](#) in Tanzania. They studied items found there, like bones, plants, and stone tools. This helped them learn about how our ancestors lived.

The study tells us that *Homo erectus* lived in very dry areas a long time ago. They returned to these places many times. Michael Petraglia, a scientist from Griffith University in Australia, says that our ancestors were good at adapting to different environments.

Stone tools found in the area show how *Homo erectus* hunted and survived. They found ways to find food and water in the desert. They were strong and smart.

This new information shows that *Homo erectus* was more adaptable than we first thought. This study is important for understanding our past.

Vocabulary List:

1. **Ancestors** /'æn.ses.təz/ (noun): Members of one's family from the past typically several generations back.
2. **Researchers** /rɪ'sɜːr.tʃərz/ (noun): People who conduct academic or scientific studies.
3. **Adaptable** /ə'dæp.tə.bəl/ (adjective): Able to adjust to different conditions or environments.
4. **Survived** /sər'vaɪvd/ (verb): To continue to live or exist especially in spite of danger or hardship.
5. **Environment** /ɪn'vaɪ.rən.mənt/ (noun): The surroundings or conditions in which a person animal or plant lives or operates.
6. **Information** /,ɪn.fə'meɪ.jən/ (noun): Facts or details about a subject.

Comprehension Questions

Multiple Choice

1. Where did researchers work to study the adaptability of *Homo erectus* ancestors?

Option: Amazon Rainforest



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- Option: Olduvai Gorge in Tanzania
Option: Sahara Desert
Option: Australian Outback
2. What kind of tough climates did Homo erectus prove to adapt to according to the study?
Option: Cold mountains
Option: Hot deserts and thick rainforests
Option: Moderate grasslands
Option: Icy tundras
3. Who is the scientist mentioned in the study who highlighted the adaptability of our ancestors?
Option: David Attenborough
Option: Michael Petraglia
Option: Jane Goodall
Option: Stephen Hawking
4. What did the stone tools found in the area reveal about Homo erectus?
Option: They were primarily vegetarians
Option: They were strong and smart
Option: They preferred living near water bodies
Option: They were nomadic and disorganized
5. The study on Homo erectus ancestors provides insights into:
Option: Future adaptability studies
Option: Understanding cultural evolution
Option: Modern technology advancements
Option: Ancient agricultural practices
6. Which university is Michael Petraglia associated with?
Option: Griffith University in Australia
Option: Harvard University in the USA
Option: Cambridge University in the UK
Option: University of Tokyo in Japan

True-False

7. The new study reveals that only humans could adapt to tough climates.



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8. Homo erectus ancestors were primarily herbivores according to the study.
 9. Michael Petraglia is a scientist from Cambridge University.
 10. The study indicates that Homo erectus returned to dry areas multiple times.
 11. Stone tools found by researchers were not an indicator of the adaptability of Homo erectus.
 12. The study on Homo erectus helps in understanding our genetic past.

Gap-Fill

15. Stone tools found in the area showed how Homo erectus ancestors hunted and _____
.
16. The study on Homo erectus provides important insights into understanding our _____
.
17. The adaptability of Homo erectus ancestors is a key focus of the study on cultural
_____.
18. The findings of the study show that Homo erectus was more _____ than previously
believed.

Answer

Multiple Choice: 1. Olduvai Gorge in Tanzania 2. Hot deserts and thick rainforests 3. Michael Petraglia 4. They were strong and smart 5. Understanding cultural evolution 6. Griffith University in Australia
True-False: 7. False 8. False 9. False 10. True 11. False 12. True
Gap-Fill: 15. survived 16. past 17. evolution 18. adaptable

Answer

CATEGORY

1. Health - LEVEL1

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