



Mosquitoes Discovered in One of Earth's Last Pest-Free Nations

Description

Iceland has long been free of mosquitoes. Cold weather and unstable winters made it hard for them to live there. But this has now changed. Scientists found three mosquitoes of the species *Culiseta annulata*, which shows a surprising change.

Björn Hjaltason is an insect fan. He saw a strange fly on October 16 while trying to attract moths. He thought it might be a mosquito and collected it. Later, two more mosquitoes were found. Scientists confirmed they were the first mosquitoes seen in the wild in Iceland.

Mosquitoes did come to Iceland before, but they did not survive. This time is different because these mosquitoes were found outside.

Iceland's cold weather used to stop mosquitoes, but some can survive in colder places. *Culiseta annulata* can live in buildings during winter. Warmer temperatures are now helping mosquitoes spread to places like Iceland.

In the past, only Antarctica was free of mosquitoes. Now, that is changing too.

Vocabulary List:

1. **species** //ˈspiːʃɪz// (noun): a group of similar kinds of animals
2. **unstable** //ʌnˈsteɪbəl// (adjective): not steady; changing often or quickly
3. **confirmed** //kənˈfɜːmd// (verb): shown to be true after checking
4. **survive** //səˈvaɪv// (verb): keep living or continue to exist
5. **spread** //sprɛd// (verb): move to more places; reach new areas
6. **attract** //əˈtrækt// (verb): make someone or something come near

Comprehension Questions

Multiple Choice

1. What species of mosquito was found in Iceland?

Option: *Aedes aegypti*



- Option: Culiseta annulata
- Option: Anopheles gambiae
- Option: Culex pipiens

2. Who saw the strange fly that was thought to be a mosquito?

- Option: Björn Hjaltason
- Option: Dr. John Smith
- Option: Anna Gustafsson
- Option: Karl Magnussen

3. When did Björn Hjaltason collect the strange fly?

- Option: October 16
- Option: October 20
- Option: November 1
- Option: September 30

4. What condition used to prevent mosquitoes from surviving in Iceland?

- Option: High humidity
- Option: Strong winds
- Option: Cold weather
- Option: Heavy rain

5. Which region was previously considered free of mosquitoes besides Iceland?

- Option: Greenland
- Option: Alaska
- Option: The Arctic
- Option: Antarctica

6. What aspect of climate is helping mosquitoes spread to Iceland?

- Option: Heavy snowfall
- Option: Warmer temperatures
- Option: Increased rainfall
- Option: Wind patterns

True-False

7. Iceland has always been free of mosquitoes.



8. *Culiseta annulata* can survive in buildings during winter.
9. Scientists first confirmed the presence of mosquitoes in Iceland on October 16.
10. Björn Hjaltason is a scientist who specializes in botany.
11. Warmer temperatures are making it easier for mosquitoes to spread.
12. Mosquitoes were found in Iceland only indoors before now.

Gap-Fill

13. Iceland has long been free of mosquitoes, but this has now changed as three mosquitoes of the species _____ were found.
14. The first mosquitoes seen in the wild in Iceland were confirmed after a collection on _____ 16.
15. In the past, only _____ was free of mosquitoes.
16. *Culiseta annulata* can live in buildings during winter, which allows them to survive in _____ weather.
17. Scientists found three mosquitoes, which indicates a surprising _____ in mosquito presence in Iceland.
18. Björn Hjaltason thought he might have found a mosquito while trying to attract _____

Answer

Multiple Choice: 1. *Culiseta annulata* 2. Björn Hjaltason 3. October 16 4. Cold weather 5. Antarctica
6. Warmer temperatures

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

Gap-Fill: 13. *Culiseta annulata* 14. October 15. Antarctica 16. cold 17. change 18. moths



Vocabulary quizzes

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

1. What does the term 'release' typically refer to in software development?
Option: The launch of a product
Option: The end of a project
Option: The beginning of development
Option: The testing phase
2. What is the minimum requirement for a computer to run most modern games?
Option: Low-end graphics card
Option: 8 GB RAM
Option: Windows 7
Option: High-end processor
3. Which factor primarily affects the performance of a video game?
Option: Graphics quality
Option: Soundtrack
Option: Storyline
Option: Character development
4. Which type of graphics is generally considered the highest quality?
Option: 2D
Option: 3D
Option: Pixel art
Option: Vector
5. Which type of gaming setup is typically the most expensive?
Option: Console
Option: High-end gaming PC
Option: Mobile
Option: Budget laptop
6. What does the term 'species' refer to in biology?



- Option: A specific group of organisms
 - Option: The entire ecosystem
 - Option: A single organism
 - Option: A group of non-living things
7. What is typically announced during a game developer's presentation?
- Option: Game mechanics
 - Option: Release date
 - Option: Character names
 - Option: All of the above
8. What is a common model used for accessing gaming content today?
- Option: One-time purchase
 - Option: Free-to-play
 - Option: Subscription-based
 - Option: Pay-per-download
9. What does the term 'lunar' refer to?
- Option: Related to the sun
 - Option: Related to the moon
 - Option: Related to the earth
 - Option: Related to weather
10. What does a 'crossover' in games typically involve?
- Option: Different game genres
 - Option: Multiple franchises
 - Option: Single-player and multiplayer modes
 - Option: All of the above

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

11. The screen's _____ is important for displaying high-quality graphics.
12. A game _____ is responsible for creating and implementing game content.
13. Every species has a specific _____ where it can thrive.
14. Scientists often conduct an _____ to test their hypotheses.
15. _____ affects how objects move in space.



16. The software was released in an _____ state and needed immediate patches.
17. Players need a subscription to _____ premium content.
18. The virus could _____ quickly if not contained.
19. The developers _____ that the game would launch next month.
20. The _____ of materials is an important factor in safety regulations.

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

21. Bright colors and flashing lights tend to attract players to arcade games.
22. Games are often released on multiple platforms to reach a wider audience.
23. The story of the game progresses with each chapter that players complete.
24. Each game has specific hardware requirements necessary for optimal performance.
25. The performance of the game can drastically affect the player's experience.
26. High-end gaming equipment can be quite expensive for average consumers.
27. Players must strategize to survive in challenging environments within the game.
28. Advanced graphics can enhance the realism of video game worlds.
29. The release of the game was highly anticipated by fans worldwide.
30. The game features multiple species of creatures that inhabit its virtual world.

Answer

Multiple Choice: 1. The launch of a product 2. 8 GB RAM 3. Graphics quality 4. 3D 5. High-end gaming PC
6. A specific group of organisms 7. All of the above 8. Subscription-based 9. Related to the moon 10.
Multiple franchises

Gap-Fill: 11. resolution 12. developer 13. habitat 14. experiment 15. Gravity 16. unstable 17. access 18.
spread 19. confirmed 20. flammability

Matching sentence: 1. attract 2. platforms 3. chapter 4. requirements 5. performance 6. expensive 7. survive
8. graphics 9. release 10. species



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