

For Teachers: Please have the students read the sentences one at a time and correct their pronunciation of each sentence then have them repeat after you. Wait until after they read the sentence (use the number in place of the missing word) to have the students choose the correct answer to fill in the blank. When the students finish the article, move on to the further questions.

日本語訳なしタイプ B もございます。スクロールダウンするとございますので好きな方をご利用下さい。

2[A] – Masters of the Savanna

eTOC のレッスン以外で使用禁止 AP1E 11-3

1. Africa' grasslands, 知 (し) られている known as savannas, support many 壮大 (そうだい) な、華麗 (かいらい) な magnificent creatures, such as lions, elephants, and giraffes. These large animals are 共通 (きょうつう) に commonly thought to play the most important 役割 (やくわり) roles in the savanna ecosystem . Recent research, though, suggests an animal size (26) its 生態系 (せいたいけい) ecological impact. 生態系 (せいたいけい) の Scientists 研究社 (けんきゅうしゃ) at Harvard University and the University of 発見 (はっけん) した Florida have found strong evidence 証拠 (しょうこ)、証明 (しょうめい) that it is 実際 (じっさい) に actually the シロアリ termite – an 昆虫 (こんちゅう) insect ～に似 (に) ている similar to the ant- that has the most 影響力 (えいきょうりょく) influence .

*Choose the correct answer to fill in the blank from these choices.

8. (26) 1 is an important 手 (て) がかり clue to 2 does not always indicate 述 (の) べる
 9. 3 evolves as a result of 4 can weaken 進化 (しんか) する 弱 (よわ) める

☆ 多 Memorization Further Questions & Sample Answers

1) What are the animals that have been supported by savannah?

10. 動物 (どうぶつ) 動物はサバンナによって何がサポートされていますか。
 11. *The animals that have been supported by savannah are the lions, elephants, and giraffes.* 保護 (ほご) されている

12. 2) What is commonly plays an important role in the savannah ecosystem?

13. いっばん 一般に、サバンナの生態系で重要な役割を果たしているのは何ですか。
 14. *Large animals are commonly thought to play important roles in the savannah ecosystem.* 共通 (きょうつう) に

15. 3) What has the most influence in the savannah ecosystem?

16. サバンナの生態系 (せいたいけい) で最も影響 (えいきょう) しているのは何ですか。
 17. *Termites – an insect similar to an ant- has the most influence in the savannah ecosystem.* 影響 (えいきょう)

18. The scientists became aware of this while studying the population

19. distribution of lizards in the savanna of central Kenya. They noticed unusually

20. large number of lizards living near termite mounds – the huge nests built by

21. termites. Further study revealed many other animals and plants are also

22. (27) near the mound. According to the scientists, termites enrich the

23. soil by converting dead wood and vegetation into nutrients . Their

24. activity also loosens the soil, improving its ability to absorb water.

25. This creates a particularly suitable environment for wildlife and plants thrive .

*Choose the correct answer to fill in the blank from these choices.

27. (27) 1 adapting to human activity 2 difficult to identify
 28. 3 less likely to survive 4 at their highest density

☆ 多 Memorization Further Questions&Sample Answers

29. 4) What lives near the termite mounds?
 30. Large numbers of lizard live near termite mounds.
 31. 5) How do termites enrich the soil?
 32. Termites enrich the soils by converting dead woods and vegetation into nutrients.

33. What most amazed the scientists was the influence the termites had on the overall health of the savanna. Satellite photographs show their mounds are spread evenly across the grassland like squares on the chessboard. The scientists believe this layout brings the ecosystem to its maximum possible productivity . This discovery may be especially important for conservationists restoring degraded ecosystems, such as coral reefs. Corals laid out in a similar fashion might (28) in those ecosystem as well .

*Choose the correct answer to fill in the blank from these choices.

40. (28) 1 lead to increased productivity 2 reduce the number of species
 41. 3 limit scientific research 4 pose a danger to animals

☆ 多 Memorization Further Questions&Sample Answers

42. 6) What do the satellite photographs show about termite mounds?
 43. Satellite photographs show their mounds are spread evenly across the grassland like squares on a chessboard.
 44. 7) What does this termite mounds layout bring to the ecosystem?
 45. Termite mounds layout brings the ecosystem to its maximum possible productivity .
 46. How can this discovery be important for conservationists?
 47. This discovery may be especially important for conservationists restoring degraded ecosystems, such as coral reefs. Corals laid out in a similar fashion might (28) in those ecosystem as well .

50. *This discovery may be especially important for conservationists restoring degraded such as ... coral reefs ...*
低下 (ていか) する サンゴ礁 (さんごしょう)

Review Questions

51. 1) What are the animals that have been supported by savannah?
保護 (ほご) されている
52. *The animals that have been supported by savannah are the lions, elephants, and giraffes.*
53. 2) What plays an important role in the savannah ecosystem?
共通 (きょうつう) に
54. *Large animals are commonly thought to play important roles in the savannah ecosystem.*
55. 3) What has the most influence in the savannah ecosystem?
影響 (えいきょう)
56. *Termites – an insect similar to an ant- has the most influence in the savannah ecosystem.*
57. 4) What lives near the termite mounds?
トカゲ
58. *Large numbers of lizard live near termite mounds.*
59. 5) How do termites enrich the soil?
変換 (へんかん) する
60. *Termites enrich the soils by converting dead woods and vegetation into nutrients.*
61. 6) What do the satellite photographs show about termite mounds?
広 (ひろ) がる
62. *Satellite photographs show their mounds are spread evenly across the grassland like squares on a chessboard.*
63. 7) What does this termite mounds layout bring to the ecosystem?
最大限 (さいだいげん) の
64. *Termite mounds layout brings the ecosystem to its maximum possible productivity.*
生産力 (せいさんりょく)
65. 8) How can this discovery be important for conservationists?
自然保護者 (しぜんほごしゃ) 復元 (ふくげん) する
66. *This discovery may be especially important for conservationists restoring degraded such as ... coral reefs ...*
低下 (ていか) する サンゴ礁 (さんごしょう)

解答: (26) 2 (27)4 (28)1

Type B 日本語訳なし

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 68. such as lions, elephants, and giraffes. These large animals are commonly
 69. thought to play the most important roles in the savanna ecosystem. Recent
 70. research, though, suggests an animal size (26) its ecological impact.
 71. Scientists at Harvard University and the University of Florida have found
 72. strong evidence that it is actually the termite – an insect similar to the ant- that
 73. has the most influence.

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76. 1) What are the animals that have been supported by savannah?
77. 2) What is commonly plays an important role in the savannah ecosystem?
78. 3) What has the most influence in the savannah ecosystem?

79. The scientists became aware of this while studying the population distribution of
80. lizards in the savanna of central Kenya. They noticed unusually large number of
81. lizards living near termite mounds – the huge nests built by termites. Further
82. study revealed many other animals and plants are also (27) near the
83. mound. According to the scientists, termites enrich the soil by converting dead
84. wood and vegetation into nutrients. Their activity also loosens the soil,
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Review Questions

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