

LÍNGUA INGLESA

INSTRUCTION: Answer questions 51 to 55 in relation to text 1.

TEXT 1

Differences of floral resource use between honey bees and wild bees in an intensive farming system

01 Bees provide an essential pollination service for crops
02 and wild plants. However, substantial declines in bee
03 populations and diversity have been observed in Europe
04 and North America for the past 50 years, partly due to the
05 loss of natural habitats and reduction of plant diversity
06 resulting from agricultural intensification. To mitigate
07 the negative effects of agricultural intensification, agri-
08 environmental schemes (AES) have been proposed to
09 sustain bees and other pollinators in agrosystems. AES
10 include the preservation of semi-natural habitats such as
11 grasslands, fallows, woodlots, hedgerows or set-aside
12 field margins. However, empirical evidence suggests that
13 the use of those semi-natural habitats by bees may vary
14 greatly among bee functional groups and may further
15 be influenced by the presence of alternative foraging
16 habitats such as mass-flowering crops. The present study
17 sets out to investigate whether the three bee groups
18 typically targeted by AES (honey bees, bumble bees
19 and other wild bees) differ in the way they use those
20 semi-natural habitats relative to common mass-flowering
21 crops (oilseed rape, sunflower, alfalfa) in an intensive
22 agricultural farming system. A clear segregation pattern in
23 the use of floral resources appeared between honey bees
24 and wild bees, with the former being tightly associated
25 with mass-flowering crops and the latter with semi-natural
26 habitats. Bumble bees had an intermediate strategy and
27 behaved as habitat generalists. Therefore, it would be
28 sensible to treat the three bee groups with distinct AES
29 management strategies, and to further consider potential
30 effects on AES efficiency of alternative foraging habitats in
31 the surrounding. This study also stresses the importance
32 of native floral resources, particularly in semi-natural
33 herbaceous habitats, for sustaining wild bee populations.

<http://www.sciencedirect.com/science/journal/01678809>
Acesso em set 2013.

51) The sequence in which information is presented in text 1 is:

- A) justificativa, objetivo, resultado.
- B) objetivo, exemplo, resultado.
- C) justificativa, exemplo, objetivo.
- D) objetivo, metodologia, exemplo.
- E) justificativa, resultado, metodologia.

52) Three keywords for understanding the text are:

- A) pollinations; crops; plants.
- B) honey bees; bumble bees; wild bees.
- C) diversity; reduction; intensification.
- D) bees; agri-environmental schemes; semi-natural habitats.
- E) bumble bees; natural habitats; agricultural intensification.

INSTRUÇÃO: Read text 1 and the statements about it to solve question 53.

- I. Declines in bee populations have been detected over the last 50 years in Europe and North America.
- II. Agricultural intensification causes the loss of natural habitats and reduction of plant diversity.
- III. Agri-environmental schemes have already been used to mitigate the effects of pollination.

53) The correct statement(s) is/are

- A) I, only.
- B) III, only.
- C) I and II, only.
- D) II and III, only.
- E) I, II, III.

54) A leitura do texto permite concluir que se trata de um(a)

- A) resumo de artigo científico.
- B) resenha de artigo jornalístico.
- C) sinopse de documentário.
- D) apresentação de livro didático.
- E) conclusão de reportagem.

55) According to the text, the expression “therefore” (line 27) introduces a/an

- A) opposition.
- B) explanation.
- C) negation.
- D) condition.
- E) conclusion.

INSTRUCTION: Answer questions 56 to 59 in relation to text 2.

TEXT 2

Eight rules for walks in the country

Posted by Tom Cox

01 "It's quite an up and down kind of walk," said my friend
02 Emma. "Oh," added Emma, "and it gets a bit blowy up there,
03 so I'd leave your credit card back here if I were you." I gave
04 her a searching look, wondering how a credit card might
05 relate to a strong wind. "I took mine up there the other week
06 and it blew out of my hand into the sea," she clarified. "I had
07 to order a new one."

08 I fell in love with walking because it lifted my spirit
09 and took me to parts of my local area that I would never
10 have _____ otherwise, but also because there was
11 something brilliantly ridiculous about the idea of _____
12 yourself, on a whim, alone, in a bit of countryside you'd never
13 _____ before, with no real goal apart from putting one
14 foot in front of the other.

15 I've never really dressed in any walking-specific clothing
16 or taken any special supplies out with me, but I do think
17 there are a few things I've learned about "how to walk" in
18 gentle terrain that might help others. I have compiled some
19 of the main ones: **always be assertive in saying "Hello!"**
20 **to fellow walkers, unless in a built-up area; learn to**
21 **fold your map properly; show strange dogs and cows**
22 **who is boss; don't be afraid of dictaphones*; try not to**
23 **have a beard, but if you do have a beard, have a dog as**
24 **well; try to avoid headwear, unless strictly necessary;**
25 **choose an apt soundtrack for your walk; watch out for**
26 **fookwits and loonies!**

27 This last one doesn't apply specifically to country walks.
28 It's just something that my dad tells me every time I see him,
29 and it's worked fairly well as a general rule for life over the
30 years, so it probably works for walking as well.

*voice recorders

Adapted from <http://www.theguardian.com/lifeandstyle/2013/sep/11/eight-rules-country-walks>.

56) The verb patterns that can correctly fill in the gaps in the text (lines 10, 11 and 13) are, respectively,

- | | | |
|-------------|----------|------|
| A) to visit | plonk | seen |
| B) to visit | to plonk | saw |
| C) visited | plonk | saw |
| D) visited | plonking | see |
| E) visited | plonking | seen |

INSTRUÇÃO: Para responder à questão 57, considere as afirmativas sobre o texto 2 e preencha os parênteses com V (verdadeiro) ou F (falso).

- () Emma had an unexpected experience while walking in the country.
() Emma and Tom have walked in the country together.
() Tom's father has plenty of experience in walking in the country.

57) A sequência correta de preenchimento dos parênteses, de cima para baixo, é

- A) V – V – V
B) V – F – F
C) V – F – V
D) F – V – V
E) F – V – F

58) In the text, the expression "on a whim" (line 12) conveys the meaning of

- A) fear.
B) impulse.
C) dream.
D) pleasure.
E) doubt.

INSTRUCTION: To solve question 59, read paragraph 3 and select the correct words to complete the gaps.

_____ you _____ in a built-up area, you _____ greet the fellow walkers.

59) According to the idea in the text (lines 19-20), the correct words to fill in the gaps are, respectively,

- | | | |
|-----------|--------|-----------|
| A) Unless | aren't | mustn't |
| B) Unless | are | should |
| C) If | are | must |
| D) If | are | should |
| E) If | aren't | shouldn't |

INSTRUCTION: Read texts 1 and 2 and the statements about them to solve question 60.

- O texto 1 apresenta uma pesquisa realizada com diferentes espécies de abelhas domésticas.
- O texto 2 apresenta a análise de uma experiência realizada por membros de uma mesma família.
- O texto 1 descreve diferentes comportamentos, e o texto 2 apresenta sugestões inusitadas.
- Os dois textos propõem medidas preventivas com base em situações ocorridas no passado.

60) The correct statement(s) is/are

- A) I, only.
B) II, only.
C) III, only.
D) III and IV, only.
E) I, II, III and IV.