How Venus fly traps developed a liking for meat

LANGUAGE - CLOZE

New research (1) ____ light on how carnivorous plants like the Venus fly trap developed a (2) _____ for meat. A study from the University of Würzburg in Germany suggests that subtle changes (3) _____ the genetics of plants led to some becoming carnivorous. These changes led to the development of some of nature's most (4) _____ species. Carnivorous plants adapted novel and devious ways to entice and snare insects. The Venus fly trap uses clam-like leaves that (5) shut when an insect crawls between them. The pitcher plant is shaped like a vase - insects go inside and then cannot crawl up the (6) _____ insides. The sundew plant has long sticky leaves, which roll up after insects get stuck on them. Researchers in a variety of (7) ____ collaborated in the study. They included computational evolutionary biologist Jörg Schultz and plant biologist Rainer Hedrich. They sequenced and compared the (8) of carnivorous plants to noncarnivorous plants. They discovered that meat-eating plants developed from the same common ancestor about 60 million years ago. Dr Schultz said: "We were able to (9) _____ the origin of carnivorous genes back to a (10) ____ event that occurred many millions of years ago in the genome of the last (11) ____ ancestor of the carnivorous species." Dr Rainer added: "The function of these genes is related to the ability to sense and digest animals and to utilise their (12) _____." Put the correct words from the table below in the above article. 1. (b) shacks (c) cabins (a) caves (d) sheds 2. (b) tasted (a) (c) tasty taster (d) taste 3. (a) (b) in (c) at (d) by on spectacle 4. pressure (b) myriad (c) ingenious (d) (a) 5. (a) close (b) clip (c) snap (d) boot 6. (a) slippery (b) properly (c) surly (d) surely 7. (a) lawns (b) fields (c) parks (d) patches 8. (a) genomes (b) gnomes (c) gnocchi (d) gnostic 9. sketch (a) etch (b) trace (c) (d) draw 10. (a) multiply (b) times (c) duplication (d) addition 11. (a) heath (b) dale (c) common (d) moor 12. sentient (b) recipients ingredients (d) nutrients (a) (c)

Nonfiction Reading Comprehension Test Hummingbirds

Directions: Read the following passage and answer the questions that follow. Refer to the text to check your answers when appropriate.

Have you ever heard the sound of a hummingbird? They make a buzzing noise when they fly. They make this noise because they beat their wings so fast. They beat their wings up to 80 times a second. All that flapping makes a lot of noise. That's why we call them hummingbirds.

Hummingbirds fly in a unique way. They move their wings so fast that they can hover. This means that they can stay in one spot in the middle of the air, like a helicopter. Sometimes they fly or hover upside down. They are the only bird that flies backward.

Hummingbirds are small. One type called the bee hummingbird is the smallest bird in the world. Bee hummingbirds weigh less than a penny. They are just a little bit bigger than bees. I guess that's where they get their name.

Bee hummingbirds build tiny nests. They use cobwebs and bits of bark to make their homes. Their homes are only an inch around. This is big enough for their eggs though. Their eggs are smaller than peas. People have found these tiny nests on a clothespin.

Hummingbirds move fast. It takes lots of energy to move as fast as they do. This means that they need to eat a lot of food. Their favorite food is nectar, a sweet liquid inside of some flowers. They drink more than their own weight in nectar daily. They have to visit hundreds of flowers to get enough nectar to live. They can only store enough energy to survive through the night. They live on the edge.



Hummingbirds don't use their long beaks like straws. They have a tongue just like you. They use their tongues for eating. They flick their tongues in and out of their mouths while inside of flowers. They lap up nectar. Flowers give them the energy that they need.

Hummingbirds help flowers too. They get pollen on their heads and bills when they feed. Flowers use pollen to make seeds. Hummingbirds help pollen get from one flower to the next. This helps flowers make more seeds. More seeds means more flowers. More flowers means more food for hummingbirds. Isn't it nice how that works out?

- 1. Why are they called hummingbirds?
- a. They are very light

- b. They sing when they fly
- c. Their wings make a humming sound
- d. Their song sounds like humming

- 2. How do hummingbirds eat?
- a. They drink nectar through their beaks like a straw.
- b. They chew up flower petals with their beaks.
- c. They use their heads and bills to eat pollen.
- d. They lap up nectar with their tongues.
- 3. How do hummingbirds help flowers?
- a. They drink nectar.

b. They eat pollen.

c. They bring pollen from one flower to the next.

- d. They plant seeds.
- 4. According to the text, which does the bee hummingbird use to make nests?

a. straw

b. concrete

c. bark

d sticks

- 5. Which best describes the main idea of the fifth paragraph?
- a. Hummingbirds move fast.
- b. Hummingbirds like to eat nectar.
- c. Hummingbirds use lots of energy and eat often.
- d. Hummingbirds drink their own weight in nectar every day.
- 6. Which statement about bee hummingbirds is **not** true?
- a. Bee hummingbird eggs are smaller than peas.
- b. Bee hummingbirds weigh less than a penny.
- c. Bee hummingbirds have built nests on clothespins.
- d. Bee hummingbirds do not grow larger than bees.
- 7. What is unique about the way that hummingbirds fly?
- a. They can fly faster than any other bird.
- b. They can fly longer than any other bird.
- c. They can fly forward and backward.
- d. They can only fly for a few seconds at a time.
- 8. Which best defines the word *hover* as used in paragraph two?
- a. To stay in one spot in the air

b. To clean an area thoroughly

c. An animal that has hooves

d. To move your wings very fast

- 9. Why do flowers need pollen?
- a. Flowers eat pollen.

b. Pollen attracts hummingbirds.

c. Hummingbirds eat pollen.

d. Flowers use pollen to make seeds.

- 10. Which title best describes the main idea of this text?
- a. Bee Hummingbirds: The World's Smallest Bird
- b. Pollination: How Birds and Flowers Work Together
- c. Hummingbirds: Unique and Uniquely Helpful
- d. Interesting Facts About Birds

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Date			



"Europe"

Reading Comprehension – Informational Passages



Directions: Read the passage. Then answer questions about the passage below.

Europe is the second smallest continent, after Australia. Surprisingly, there are 44 countries in Europe. Over 700 million people live in Europe. European ideas are everywhere in the world. You can see examples of European culture, language, and buildings all around the world.

In sports, European soccer is very popular. Soccer teams from Europe have gone to the World Cup finals every year except 1930 and 1950. Many people say that the British, Italian, and Spanish soccer leagues are the world's best. Cycling is also very popular in Europe – especially in France. The Tour de France is the biggest bicycle race in the world. In 1903, when the race first began, racers had to ride along the *entire* border of France. That's a long distance!

In *industry*, Germany makes the most cars in Europe. In fact, if you visit Germany, you can go on a tour of the BMW factory. You can also go on a tour of the Porsche factory in Stuttgart, Germany. England is famous for china and pottery. Of course, the Champagne region in France is famous for its wine. Only a certain famous, bubbly wine from this area can be called by the name "*champagne*." Flower farming is an important industry in Holland. Holland is famous for its tulips.

Europe is also famous for its food. The oldest cookbook in Europe was called *De Re Coquinaria*, or, "The Art of Cooking". It was written in Latin. There is much *controversy* over the identity of the book's author. Some people think the book was written by a very good cook named Marcus Gavius Apicus. Others don't think that this book came from him. The book does not tell how to prepare the dishes, but it does tell what to put in each dish.

European historical architecture are among the most well–known in the world. One example of a famous architectural structure is called "Stonehenge," in England. Stonehenge has many, very large stones set up in circles. No one knows why the stones were set up that way, because it was at a time before history was recorded. Many people think Stonehenge is holy. In addition to Stonehenge, The "Acropolis" in Athens, Greece is also very famous for its architectural structures. The Acropolis is a flat–topped hill, which lies about 150 meters above sea level. Many historical temples and other buildings were built on the Acropolis. The Acropolis is a huge tourist *site*. About 14 million people visit this location each year.

Modern European buildings are also tourist sites. The Eiffel Tower is the fifth tallest building in France. When it was built in 1889, it was the world's tallest building. More than 200,000,000 people have visited the Eiffel Tower since it was built. It was named after Gustave Eiffel, who designed it. It is now a symbol of France. The year 2009 marks the 150th birthday of another famous tourist site in Europe: Big Ben. Big Ben is located atop the Westminster Palace in London, England. Big Ben is the largest four–faced chiming clock in the world. Chiming clocks are clocks that use bells to make their sound. Big Ben is a universal symbol of the United Kingdom.

Many European cities are famous for their churches and castles. The Sistine Chapel in the Vatican is the place where cardinals, very high Catholic bishops, meet to pick a new pope. The ceiling of the Sistine Chapel was painted by the artist Michelangelo. The Cathedral of Seville, Spain, is also very *magnificent*. This grand cathedral is beautifully decorated with outstanding colors. It is also the place where Christopher Columbus is buried.

England is now getting ready for the 2012 Olympics. About 4,000 companies and 15,000 workers are working to get the city of Stratford ready. The workers are building a new shopping center and many new hotels, with about 2,000 hotel rooms just for Olympics visitors! Since so many people live in Europe, they *expect* many visitors. As the Olympic planners say, London, England is less than a 3–hour flight away for more than 300 million people.



Questions:

1) What is the name of the famous European bicycle race?

- A. The French Open
- B. The Tour de France
- C. The French Excursion
- D. The Tour of the World
- E. The World Cup of France

2) Champagne is...

- A. a street in France.
- B. bubbly wine from Champagne, France.
- C. a famous type of French wine.
- D. Both A and B are correct
- E. Both B and C are correct

3) What was left out of the oldest European cookbook?

- A. What to put in the dishes
- B. Who wrote the cookbook
- C. What the dishes are called
- D. How to prepare the dishes
- E. Both B and D are correct
- F. Both B and C are correct

4) What is the Acropolis?

- A. A tourist site on the ocean
- B. A tourist site on a mountain
- C. A tourist site in a temple
- D. A tourist site in the sky
- E. None of the above are correct

5) What has its 150th birthday in the year 2009?

- A. Big Ben
- B. Stonehenge
- C. The Vatican
- D. The Eiffel Tower
- E. Westminster Palace

6) Why are the people in England so busy?

- A. They are repairing Big Ben.
- B. They are working on Stonehenge.
- C. They are building a new shopping center.
- D. They are getting ready for the 2012 Olympics.
- E. None of the above are correct
- F. Both C and D are correct

Vocabulary:

1) The best synonym for *entire* is...

- A. hole
- B. partial
- C. limited
- D. whole
- E. basic

2) Industry involves...

- A. power.
- B. monopoly.
- C. compensation.
- D. discipline.
- E. manufacturing.

3) The best synonym for *controversy* is...

- A. disdain.
- B. destruction.
- C. despair.
- D. disagreement.
- E. disrespect.

4) What is a site?

- A. A mile
- B. A location
- C. A tourist
- D. A symbol
- A. A designer

5) Magnificent means...

- A. grand.
- B. outstanding.
- C. beautiful.
- D. Both A and B are correct.
- E. Both A and C are correct.
- F. All of the above.

6) If you *expect* something to happen, you...

- A. understand it.
- B. anticipate it.
- C. contemplate it.
- D. decide upon it.
- E. disapprove of it.
- F. denounce it.

51.	I known you were coming		me. 77.	is to visit Asia and Africa.	
52.	A) Should B) Had I not heard the warning, I	C) Might D) Would would have had a serious accid	ent.	A) It would be exciting C) What I'd like to do	B) How interesting D) That's what I'd do
	A) Had B) If	C) Should D) Would	78.	I am talking about does n A) What B) That's what	-
53.	I listened to your advice, A) When B) Had	C) Although D) Then		requires a lot of patience	to learn a second language.
54.	The car with gas if the set A) should have filled C) would have been filled	rvice station had been open. B) would have been D) could be filled	80.	A) Teachers B) Students to know is the address of A) What I will need	Tim's house. B) Had I needed
55.	Bruce not driven so fast, A) Should B) Had	he wouldn't have had an accide C) Might D) Would			D) What directions are needed ators they have pointed snouts.
56.	Would Bruce his car if he A) damage C) have damaged	had driven slowly? B) have damage D) damaged	82.	A) in which B) with which How long here by the tim A) will she work	C) in that D) that ne she's sixty-five? B) she will work
57.	He wishes he the exam.	C) has passed D) can pass	83.	C) does she work We several possibilities b	D) will she have worked before we made the decisions.
58.	Intolerance between ethnic grou A) usually based			A) had been C) been considering	B) hadn't been D) had been considering
	C) which is usually based		84.	The lower the stock market falls	
59.	bough gasoline if they ha A) Would they have C) They had	d had more money? B) Have they D) Had they		A) then the price of gold rises h B) the higher the price of gold rise C) because the price of gold rise D) the price of gold rise	ises es high
60.	If I had checked the gas, I would	n't to walk to the gas stat	ion.	D) the price of gold to rise high	
61.	A) has had B) have had My mother, you never me		85.	A) are made from C) which they are made from	nay have been the earliest vehicles. B) made from D) which made
62.	A) B) that Helen's sister, for we won	C) who D) whom k, is really a good manager.	86.	For the past ten minutes I arrived yet.	_ for my friend to come. He hasn't
		C) that D) whom	l+	A) wait C) have been waiting	B) am waiting D) waiting
	A) B) that	C) which D) whom		He better as soon as he h A) would feel B) will feel	
	•	C) who D) whose	88.	They took a rest after they A) had cleaned up	
65.	The room in Peter works in A) that B) which	is very small. C) D) who		C) would clean up	D) have cleaned up
66.	The girl to I spoke comes A) B) who	from Italy. C) whose D) whom	89.	A) paint C) have to paint	ing room, and still haven't finished. B) are painting D) have been painting
67.	The letter I wrote to him (A) who B) to which		90.	When she left the building, she A) is watched	had the feeling she B) may be watched
68.	Although he has money, with _ rather unhappy.	he can do most things, h		C) was being watched I expect him the job by for	
60	A) that B)	C) which D) who		A) finishing C) have been finished	B) to be complete D) to have completed
69.	Manuel asked to the project A) to work	ect. B) to be assigned	92.	I would like to the concer	
70	C) for a job	D) to be fired		A) to go C) to have gone	B) going D) will have gone
70.	The mechanic expects the car _ A) have fixed C) to have been repaired	B) have finished D) repairing	93.	A chameleon is a tree lizard _conceal itself in the vegetation.	can change colors in order to
71.	What happened when the recip A) were being	es presented? B) are past	94.	A) with which it B) that He imagined the man hir	C) whose life it D) that it n.
72.	C) have been I expect all the arrangements	D) will be by tomorrow.		A) to be following C) want to follow	B) were following D) follow
. 2.	A) to have been made C) have been made	B) will be making D) were made	95.	They were looking for a good _ A) use B) used	car. C) to use D) using
73.	Irma wants an opportunit A) being given B) to be given		96.	They had their car at Nic A) repairing B) to repair	
74.	This book is said in the fo A) many times C) when it was written	urteenth century. B) to have been written D) by being written	97.	She was late to work. She A) would have taken C) must have taken	a taxi instead of waiting for the bus. B) might have taken D) should have taken
75.	One of the primary causes of tra A) is reckless driving C) people who drive recklessly	B) people drive recklessly	98.	A new employee had after A) to have been working C) to be hired	er Mr. Ferguson fired Oscar. B) to be working D) to be for the job
76.	Land in large cities that arc skyscrapers.		99.	Hundreds of workers had A) hired B) to be hired	to build the pipeline. C) been hiring D) hiring
	A) is more expensive C) is so expensive	B) which is most expensive D) the most expensive thing	100	No one realized that the document A) would have been C) should have been	nt was important. It thrown out. B) wouldn't have been D) might have been

Collocations - Nouns 2

Choose the best verb or adjective from the table below to go with the nouns and complete the sentences.

caught	labor-saving	
overnight	call	
sheer	stamp out	
imposed	grants	
fill	break	
deprived	checkered	
living	social	

1. If the local council permission, building work can begin immediately.
2. The child came from a very background and many of his problems at school could be understood.
3. Police said they were surprised that the bank robbers allowed themselves to be on camera during the robbery.
4. Modern houses today are filled with devices such as the washing machine and food mixers.
5. With recent opinion polls showing the government doing well, many expect them to a quick election.
6. After the release of her first record, she achieved fame and her life was never the same again.
7. His life has been a mix of personal misery and huge business success. All in all, he can be said to have a very history.
8. Trying to keep up with the constant changes and irregularities in alanguage can be difficult for both students and native speakers.
9. There is no way you can quit your job just because you don't like getting up early!! That is nonsense!
10. If we want to this post by the start of the month, we have to start advertising immediately.
11. Despite many attempts to racism in the workplace, it still exists unfortunately.
12. The international community sanctions on South Africa in the 1980s in an attempt to bring about political change.
13. The industrial revolution began in Britain and caused great upheaval, especially in the form of urbanization.
14. One of my favorite sounds of summer is the sound as waves on the beach.

Vocabulary Formation Worksheet 3

For each question, fill the space or spaces in the sentence using the base word given in bold at the end. The required word may be a noun, adverb, adjective or verb and it may be either positive (e.g. helpful) or negative (e.g. unhelpful).

 Buying and selling antiques can be a very	hobby if you
2. We were left without any money for the last part of our holid had the cost of the train ticket to Norway. estimate	day because we
3. Mr. Transom stared at the group of stude corner and they shut up immediately. cross	nts talking in the
4. Jennings is so enthusiastic about the gam enthusiasm spreads to his team-mates and the result is usually performance. wonder	
5. I think I was sacked and have decided to company to court. fair	bring the
6. Have you seen my handbag John? It seems to have totally!	
appear	
7. You know your father is the most person is sure to be wearing one of his old sweaters to the party. fashion	in the world. He
8. People will need to see provable informatican believe in something like life on other planets. science	ion before they

English Grammar / Incomplete Sentences / Intermediate level # 35

Do you mind?

Q1	She was slowly going her mind with worry until she heard her daughter was safe and well.					
	(a) past by	(b) in to	(c) out of	(d) straight through		
Q2	I do think you should this in mind before you seriously think about changing jobs.					
	(a) carry	(b) stand	(c) hold	(d) bear		
Q3	I'd honestly never heard such an outstanding performance of that symphony — it simply my mind.					
	(a) blew	(b) tore	(c) split	(d) broke		
Q4	The police officer asked him why he hadn't reported the matter earlier and he said simply that it had never his mind.					
	(a) travelled	(b) crossed	(c) found	(d) discovered		
Q5	I'm inclined to give her a of my mind considering all the trouble she has caused this month.					
	(a) section	(b) slice	(c) piece	(d) portion		
Q6	It's clear as they say that great minds think because we have both come to exactly the same conclusion.					
	(a) same	(b) similar	(c) like	(d) alike		
Q7	He has a one mind as all he ever talks about is money, money, money.					
	(a) track	(b) road	(c) path	(d) rail		
Q8	I just can't decide whether to go on holiday this week or later in the year. I'm really in minds about it.					
	(a) twice	(b) double	(c) two	(d) dual		
Q9	There, I knew there was something I had to do today and now it's completely my mind.					
	(a) slid	(b) glided	(c) sailed	(d) slipped		
Q10	I tried to show an interest in her future career but she simply told me to mind my own					
	(a) state	(b) business	(c) activities	(d) actions		

Yes, Yes, Yes

Q1	I am sure you made the right choice and I support your decision.					
	(a) fairly	(b) quite	(c) considerably	(d) wholly		
Q2	You can on me, have no fear about that!					
	(a) support	(b) rely	(c) hold	(d) hang		
Q3	No matter what happens, you must remember that I'm you all the way.					
	(a) in	(b) from	(c) with	(d) by		
Q4	I know that they have all abandoned you one by one but I hope you won't forget I've by you from the beginning.					
	(a) adhered	(b) fastened	(c) joined	(d) stuck		
Q5	I am convinced you are right to take that action and should ignore any opposition.					
	(a) absolutely	(b) very	(c) simply	(d) all		
Q6	When it comes to the vote, you can on me to support you.					
	(a) stand	(b) count	(c) number	(d) figure		
Q7	Even if things get difficult, I will not or hesitate to stand up for you.					
	(a) quiver	(b) tremble	(c) waver	(d) waiver		
Q8	He was delighted that she hadn't him down when he proposed to her.					
	(a) put	(b) turned	(c) placed	(d) switched		
Q9	The bank manager smiled and announced that his application for a loan had been					
	(a) approved	(b) improved	(c) disproved	(d) reproved		
Q10	The pair of you have my and I hope you have a happy marriage together.					
	(a) wishing	(b) praying	(c) blessing	(d) hoping		