How Venus fly traps developed a liking for meat

LANGUAGE - CLOZE

New research (1) $\frac{d}{d}$ light on how carnivorous plants like the Venus fly trap developed a (2) $\frac{d}{d}$ for meat. A study from the University of Würzburg in Germany suggests that subtle changes (3) $\frac{d}{d}$ the genetics of plants led to some becoming carnivorous. These changes led to the development of some of nature's most (4) $\frac{c}{d}$ 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) $\frac{d}{d}$ insides. The sundew plant has long sticky leaves, which roll up after insects get stuck on them.

Researchers in a variety of (7) \underline{b} collaborated in the study. They included computational evolutionary biologist Jörg Schultz and plant biologist Rainer Hedrich. They sequenced and compared the (8) \underline{a} of carnivorous plants to non-carnivorous 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) \underline{b} the origin of carnivorous genes back to a (10) \underline{c} event that occurred many millions of years ago in the genome of the last (11) \underline{c} 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) \underline{d} ."

Put the correct words from the table below in the above article.

1.	(a)	caves	(b)	shacks	(c)	cabins	(d)	sheds
2.	(a)	taster	(b)	tasted	(c)	tasty	(d)	taste
3.	(a)	by	(b)	in	(c)	at	(d)	on
4.	(a)	pressure	(b)	myriad	(c)	ingenious	(d)	spectacle
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.	(a)	etch	(b)	trace	(c)	sketch	(d)	draw
10.	(a)	multiply	(b)	times	(c)	duplication	(d)	addition
11.	(a)	heath	(b)	dale	(c)	common	(d)	moor
12.	(a)	sentient	(b)	recipients	(c)	ingredients	(d)	nutrients

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.		g, we would have stayed at home.	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 accident.		A) It would be excitingC) What I'd like to do	B) How interesting D) That's what I'd do
53	A) Had B) If	C) Should D) Would I wouldn't have had any trouble.	78.	I am talking about does n A) What B) That's what	
	A) When B) Had	C) Although D) Then	79.	requires a lot of patience A) Teachers B) Students	to learn a second language. C) That D) It
54.	The car with gas if the se A) should have filled C) would have been filled	rvice station had been open. B) would have been D) could be filled	80.	to know is the address of A) What I will need C) That I will need	
55.	Bruce not driven so fast, A) Should B) Had	he wouldn't have had an accident. C) Might D) Would	81.	Crocodiles are different from alliga	ttors they have pointed snouts.
56.	Would Bruce his car if he A) damage	B) have damage	82.	A) in which B) with which How long here by the tim	ne she's sixty-five?
57.	C) have damaged He wishes he the exam.	D) damaged		A) will she work C) does she work	B) she will work D) will she have worked
58.		C) has passed D) can pass ups on lack of information.	83.	We several possibilities b A) had been C) been considering	efore we made the decisions. B) hadn't been D) <mark>had been considering</mark>
	A) usually based C) which is usually based	B) which has been based D) is usually based	84.	The lower the stock market falls	,
59.	bough gasoline if they had A) Would they have	d had more money? B) Have they		A) then the price of gold rises hB) the higher the price of gold rC) because the price of gold rise	ises
60	C) They had	D) Had they In't to walk to the gas station.		D) the price of gold to rise higher	8
		C) had had D) had have	85.	Rafts the trunks of trees m A) are made from C) which they are made from	nay have been the earliest vehicles. B) made from D) which made
	A) B) that	C) who D) whom	86.	-	for my friend to come. He hasn't
62.	Helen's sister, for we wo A) B) who	rk, is really a good manager. C) that D) whom		arrived yet. A) wait	B) am waiting
63.		gh prices aren't always well built. C <mark>) which</mark> D) whom	87.	C) have been waiting He better as soon as he h	
64.	Goods we have paid for B) of which	have not been delivered. C) who D) whose	88.	A) would feel B) will feel They took a rest after they	
65.	The room in Peter works A) that B) which	is very small. C) D) who		A) had cleaned upC) would clean up	B) were cleaning up D) have cleaned up
66.	The girl to I spoke comes A) B) who	from Italy. C) whose D) whom	89.	For three days we the livi A) paint C) have to paint	ng 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	
68.	Although he has money, with rather unhappy.	he can do most things, he is	01	C) was being watched	D) has been watched
60	A) that B)	C) which D) who	91.	I expect him the job by for A) finishing C) have been finished	B) to be complete D) to have completed
09.	Manuel asked to the proj A) to work C) for a job	B) to be assigned D) to be fired	92.	I would like to the concer	t last night.
70.	The mechanic expects the car _			A) to go C) to have gone	B) going D) will have gone
	A) have fixed C) to have been repaired	B) have finished D) repairing	93.	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 hin	C) whose life it D) that it n.
72	C) have been I expect all the arrangements	D) will be		A) to be followingC) want to follow	B) were following D) follow
IL.	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 Nicl A) repairing B) to repair	k's Garage. C <mark>) repaired</mark> D) repair
74.	This book is said in the fo A) many times C) when it was 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	affic accidents 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.		hitects conserve space by designing	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 documer 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 $\frac{GRANTS}{}$ permission, building work can begin immediately.
	2. The child came from a very background and many of his problems at school could be understood.
(Police said they were surprised that the bank robbers allowed themselves to be on camera during the robbery. LABOUR
	4. Modern houses today are filled with SAVING devices such as the washing machine and food mixers.
C	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 a LIVING language 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 FILL this post by the start of the month, we have to start advertising immediately.
	11. Despite many attempts to STAMP 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 SOCIAL 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 veryknow how to find a good bargain. profit	hobby if you				
2. We were left without any money for the last part of our holiday because we had underestimated the cost of the train ticket to Norway.					
3. Mr. Transom stared at the group of stude corner and they shut up immediately. cross	nts talking in the				
4. Jennings is so wondefully enthusiastic about the gam enthusiasm spreads to his team-mates and the result is usually performance. wonder	e that his				
5. I think I was <u>unfairly</u> sacked and have decided to company to court. fair	bring the				
6. Have you seen my handbag John? It seems to have totally disappeared ! appear					
7. You know your father is the most unfashionable 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	on before they				

English Grammar / Incomplete Sentences / Intermediate level # 35

Do you mind?

Q1	She was slowly going	her mind with worry until she	e heard her daughter was sa	afe and well.
	(a) past by	(b) in to	(c) out of	(d) straight through
Q2	I do think you should t	this in mind before you serio	usly think about changing jo	bs.
	(a) carry	(b) stand	(c) hold	(d) <mark>bear</mark>
Q3	I'd honestly never heard su	ich an outstanding performa	nce of that symphony — it si	mply my mind.
	(a) <mark>blew</mark>	(b) tore	(c) split	(d) broke
Q4	The police officer asked hir his mind.	m why he hadn't reported the	e matter earlier and he said s	simply that it had never
	(a) travelled	(b <mark>) crossed</mark>	(c) found	(d) discovered
Q5	I'm inclined to give her a	of my mind considering a	Ill the trouble she has cause	d this month.
	(a) section	(b) slice	(c <mark>) piece</mark>	(d) portion
Q6	It's clear as they say that g	reat minds think becaus	se we have both come to ex	actly the same conclusion.
	(a) same	(b) similar	(c) like	(d <mark>) alike</mark>
Q7	He has a one mind as	all he ever talks about is mo	oney, money, money.	
	(a) <mark>track</mark>	(b) road	(c) path	(d) rail
Q8	I just can't decide whether	to go on holiday this week o	r later in the year. I'm really i	n minds about it.
	(a) twice	(b) double	(c) <mark>two</mark>	(d) dual
Q9	There, I knew there was so	mething I had to do today a	nd now it's completely r	my mind.
	(a) slid	(b) glided	(c) sailed	(d) slipped
Q10	I tried to show an interest in	n her future career but she s	imply told me to mind my ow	/n
	(a) state	(b) <mark>business</mark>	(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 <mark>) wholly</mark>			
Q2 You can on me, have no fear about that!							
	(a) support	(b <mark>) rely</mark>	(c) hold	(d) hang			
Q3	No matter what happens, you must remember that I'm you all the way.						
	(a) in	(b) from	(c <mark>) with</mark>	(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 <mark>) stuck</mark>			
Q5	I am convinced you are	I am convinced you are right to take that action and should ignore any opposition.					
	(a) <mark>absolutely</mark>	(b) very	(c) simply	(d) all			
Q6	When it comes to the vote,	oort you.					
	(a) stand	(b) <mark>count</mark>	(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) <mark>turned</mark>	(c) placed	(d) switched			
Q9	The bank manager smiled and announced that his application for a loan had been						
	(a) <mark>approved</mark>	(b) improved	(c) disproved	(d) reproved			
Q10	The pair of you have my	and I hope you have a ha	appy marriage together.				
	(a) wishing	(b) praying	(c) blessing	(d) hoping			