

Glean-'zine*: Fun for all ages

*What is a 'zine, you ask? According to The Cambridge Dictionary, it is a small magazine that is produced by one person or a small group of people, and is about a subject they are interested in – derived from the word 'magazine.'

Look to the skies next weekend!

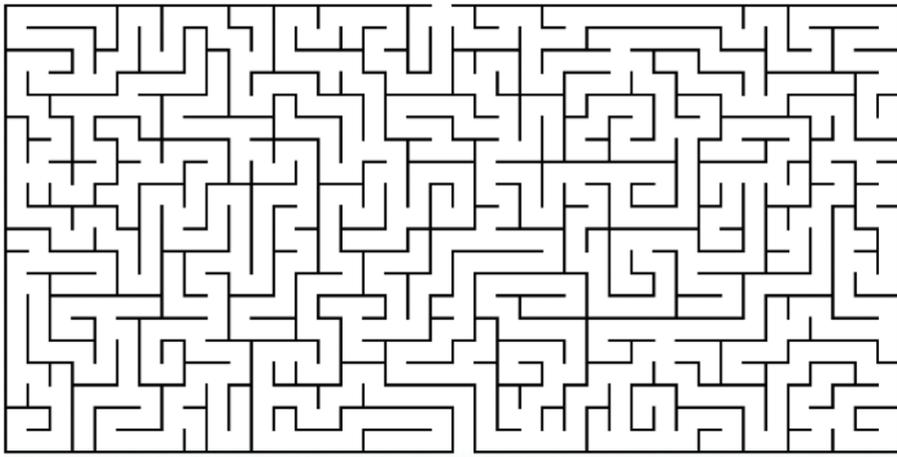
International Bat Night is held during the last full weekend in August – it is an opportunity for the public to learn about beautiful, bewitching bats! There are eight species of bats in Quebec, and like elsewhere in the world, they are an essential part of the ecosystem. They eat insects that can damage crops at an impressive rate – the little brown bat can eat more than 1000 insects in an hour.



The big brown bat, shown here, is just one the species of bat present in Quebec. Many bat species in North America are endangered due to disease.

A-maze-ing bats!

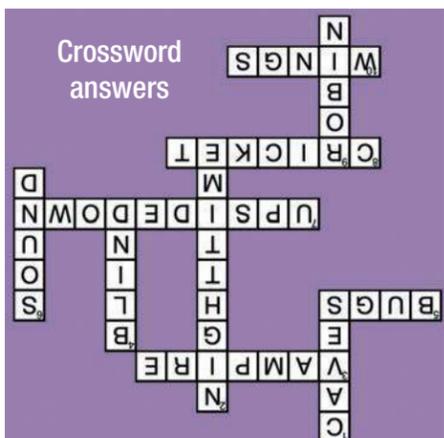
Most bats' diets are mainly made up of bugs – can you help this bat find its way through the maze to the juicy bug at the end of the path?



Bats navigate and find insect prey using echolocation – they produce sound waves at a frequency humans can't hear, which bounce off objects in their environment before returning to the bats' finely tuned ears.



Colour these creatures!



Bat facts

- There are more than **1400 species of bats** around the world.
- Bats are the **only flying mammal**.
 - Bats have very few natural predators; the biggest risk to their wellbeing is disease, such as **white-nose syndrome**.
- Many foods depend on bats for **pollination**: bananas, mangoes, avocados, figs, and cacao (the main ingredient in chocolate).

Sudoku

Each of the nine blocks below must contain all the numbers from 1 to 9 in its squares. Each number must only appear once in its row, column, and block. Each row and column must also contain the numbers 1 to 9 without repetition or omission (*Answers at the bottom of the page*).

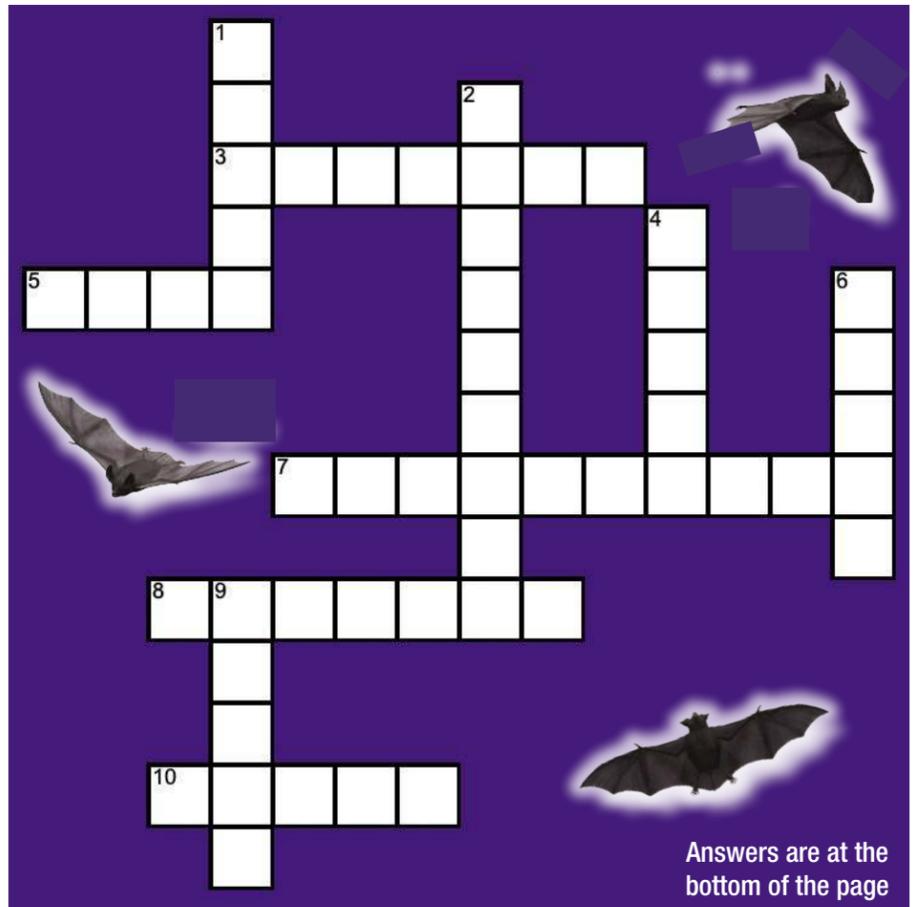
1

			7	1	9			
		7		4	1	5		
			1		2			
6	5							
	8			2	7	6	4	
	4						2	
				6	8			
1	9	4				7		

2

		8		9				4
		1		4	3	6	5	7
			5			3	8	
	1			3	8			
7	3						1	
		9				8	4	
								6
			7					
	7	6			5			

A batty crossword



Answers are at the bottom of the page

ACROSS

- A classification of bats that drinks animal blood (or Dracula).
- Bats mainly eat these, though some species eat fruit, pollen, or animal blood.
- Bats sleep in this position, and even hang this way when hibernating and after death (2 wds).
- This sport (which shares a name with a chirping insect) uses a bat, as do baseball, softball, and t-ball.
- Bats use these to fly.

DOWN

- Though some people have found bats living in their attics, the most successful species of bats live in huge colonies in these large underground chambers.
- As a nocturnal creature, bats are active at this time.
- If you don't see well, you might be called "_____ as a bat."
- Bats navigate and find prey using these waves; the process is known as echolocation.
- Batman's sidekick.

Sudoku solutions

1

1	2	9	4	8	5	6	7	3
5	7	3	2	1	6	8	4	9
8	4	6	3	7	9	5	2	1
9	8	1	5	3	2	7	6	4
6	5	2	9	4	7	3	1	8
7	3	4	1	6	8	2	9	5
3	9	7	8	2	4	1	5	6
4	6	8	7	5	1	9	3	2
2	1	5	6	9	3	4	8	7

2

9	4	7	6	8	2	5	3	1
1	6	5	3	7	4	2	9	8
8	3	2	1	5	9	4	7	6
5	2	6	9	1	7	8	4	3
7	8	3	4	6	5	9	1	2
4	1	9	2	3	8	7	6	5
6	7	4	5	2	1	3	8	9
2	9	1	8	4	3	6	5	7
3	5	8	7	9	6	1	2	4