

**Animal  
Diaries**  
Life Cycles



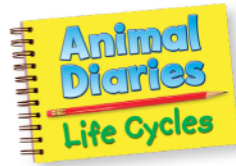
# A Frog's Life



by Ellen Lawrence

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# A Frog's Life

by  
**Ellen Lawrence**

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Name: Jay

Date: April 15

## Noises in the Night

Tonight I heard loud noises coming from the pond near my house.

It sounded like snoring!

My dad said it was male leopard frogs calling female frogs to the pond.

It's spring, so it's time for the frogs to **mate** and lay eggs.



Jay



pond



**An adult  
leopard frog  
weighs just over  
one ounce (28 g).  
That's as heavy  
as five quarters.**



**leopard frog**

**Describe what a  
leopard frog looks like.**



Date: April 16

## Looking for Eggs

This morning I went to the pond before school.

Wow! The female frogs had laid their eggs during the night.

Floating in the water were big blobs that looked like clear jelly.

Inside each blob of jelly were hundreds of black dots.

Each tiny black dot was a frog egg!

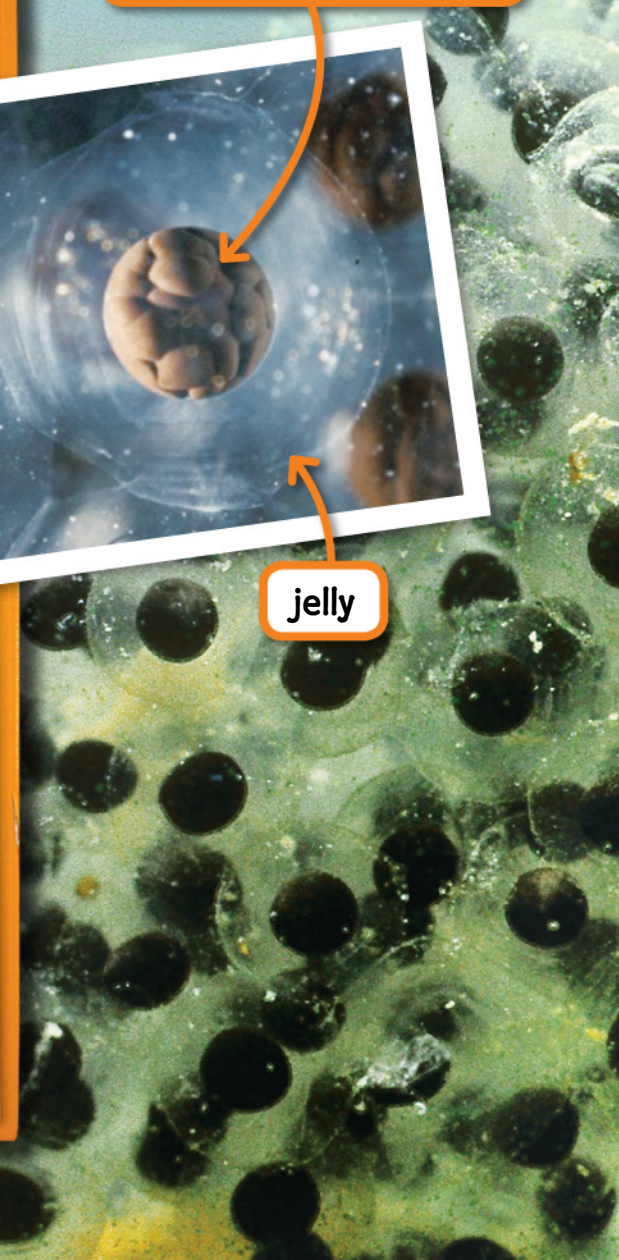
In real life, the eggs are  
the size of these dots.



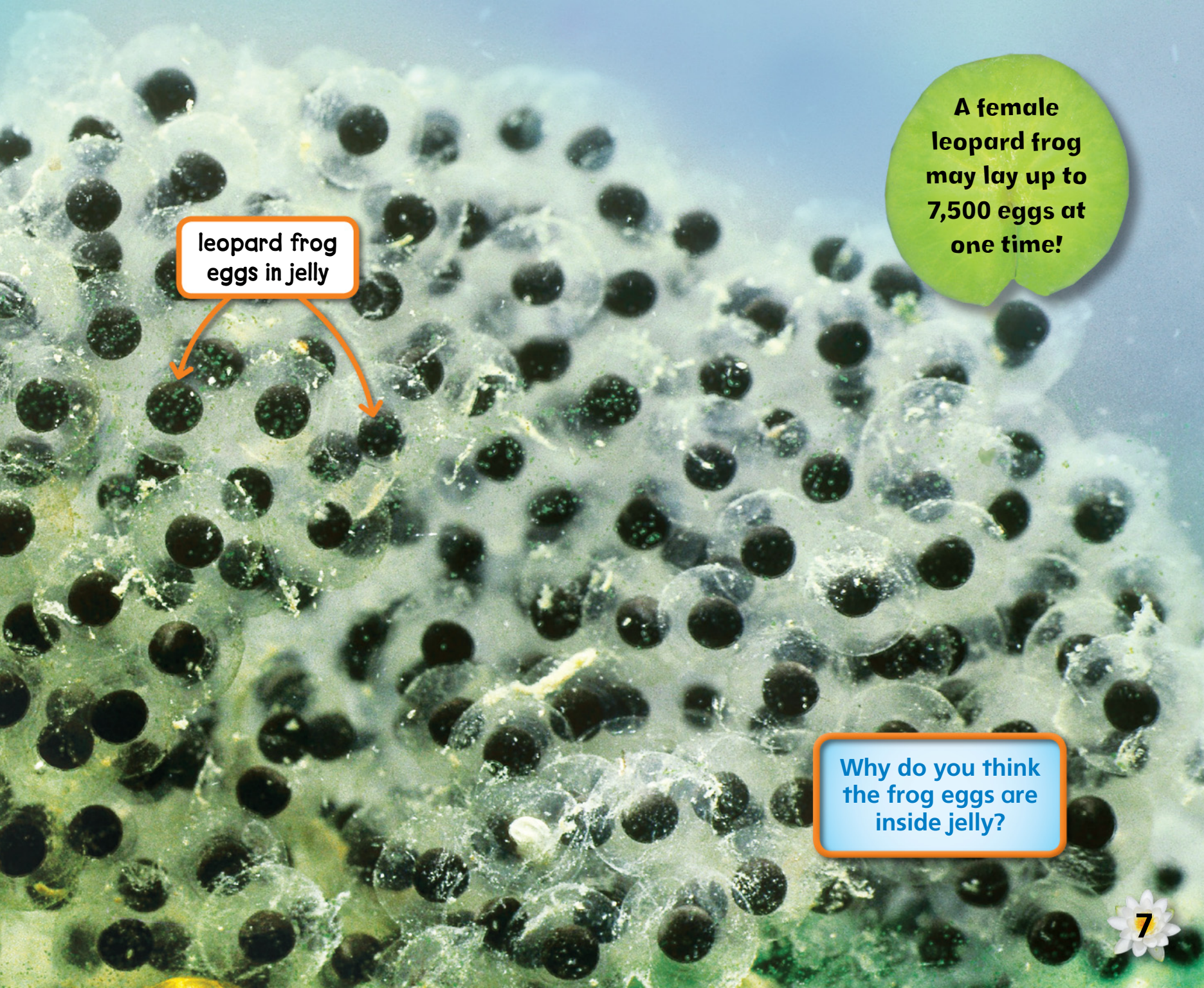
a close-up photo  
of a leopard frog egg



jelly







leopard frog  
eggs in jelly

A female  
leopard frog  
may lay up to  
7,500 eggs at  
one time!

Why do you think  
the frog eggs are  
inside jelly?



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## Read More

Carney, Elizabeth. *Frogs!*  
(*National Geographic Readers*). Washington, D.C.:  
National Geographic (2009).

Lunis, Natalie. *Green Tree Frogs:  
Colorful Hiders (Disappearing Acts)*.  
New York: Bearport (2010).

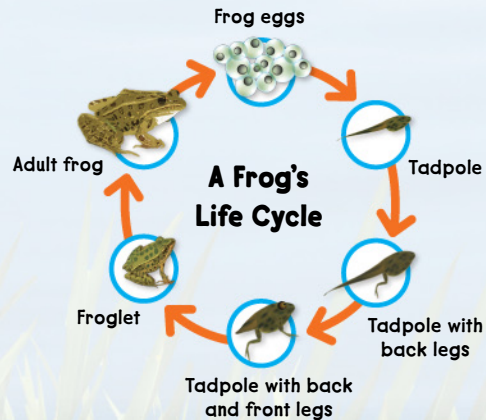
Zoehfeld, Kathleen Weidner.  
*From Tadpole to Frog*. New  
York: Scholastic (2011).

## Learn More Online

To learn more about frogs, visit [www.bearportpublishing.com/AnimalDiaries](http://www.bearportpublishing.com/AnimalDiaries)

## Answers

Correct frog life  
cycle diagram  
for page 22

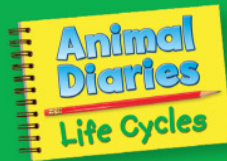


## About the Author

Ellen Lawrence lives in the United Kingdom. Her favorite books to write are those about animals. In fact, the first book Ellen bought for herself, when she was six years old, was the story of a gorilla named Patty Cake that was born in New York's Central Park Zoo.



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# A Frog's Life

Jay heard loud snoring noises coming from the pond. His dad said male leopard frogs were calling to female frogs. So the next morning, Jay went down to the water where he found big blobs of floating frog eggs. Read Jay's diary to find out what he learned as he watched the eggs eventually change into grown-up frogs. The process took several months, but it was pretty amazing!

**A Butterfly's Life**   **A Frog's Life**   **A Kangaroo's Life**

**A Snake's Life**   **A Spider's Life**



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