



## AMOEBAS HOP

*Words and Music by Christine Lavin  
Illustrations by Betsy Franco Feeney*

Just a little puddle of muddy water  
Left there after the rain;  
I got down on my knees, I looked close,  
I saw things I couldn't explain.

There were all these itty bitty, teeny weeny, little tiny  
creatures  
Swimmin' and sloshin' about.  
I put my ear down to that puddle,  
I could hear one of them shout...

"We're goin' to the Amoeba Hop,  
Everybody's going to be there.  
Got my eye on a cute paramecium,  
You know, the one with the wavy hair.  
Rockin' and rollin', shakin' our cells,  
And flappin' our flagella all over.  
Well, the good times are never going to stop,  
When you go to the Amoeba Hop!"

Then I spied a shy protozoan, swingin' all by himself.  
He was lookin' for a partner to shake a leg with,  
But everyone was dancin' with everyone else!  
So he was so lonely 'till Mother Nature  
Showed him what to do.  
He boogied down, he did a little binary fission,  
Split his-cellf in two!  
And now he's got a PARTNER!

For the Amoeba Hop,  
Everybody's going to be there.  
My, oh my, oh nucleoli,  
Have you ever seen such a perfect pair?  
Rockin' and rollin', shakin' their cells,  
Slappin' their cilia all over.

Well, the good times are never going to stop  
When you go to the Amoeba Hop!  
Good times are never going to stop  
When you go to the Amoeba Hop!

Some folks think that one-celled animals  
Don't know how to swing.  
People who say that are wrong!  
'Cause I saw a band of algae  
Get up there and sing:  
"When the red, red robin  
Comes bob-bob-bobbin' along."  
But to them it's a MONSTER song!

Ooh, the puddle was jumpin' (so was I).  
I guess I lost my head.  
In my excitement, I splashed it dry.  
OH MY GOSH, I thought they were dead!  
But no! They just came splashin' down  
Right here into my hand.

And sure enough, I could still hear  
That swing' algae band.

Sayin' ...

"We're going to the Amoeba Hop,  
Everybody's going to be there.  
Got my eye on a cute paramecium,  
Look at the hair, girls! Look at the hair!  
Rockin' and rollin', shakin' our cells,  
Slappin' pseudopodia all over.

Well, the good times are never going to stop  
When you go to the Amoeba Hop!"  
Good times are never going to stop when you go to the  
Amoeba Hop,  
Hop-hop, ba-da.  
Good times are never going to stop when you go to the  
Amoeba Hop!

More information about this song, visit:

<http://singbookswithemily.wordpress.com/2011/08/07/the-amoeba-hop-a-singable-picture-book/>

# AMOEBA HOP VOCABULARY

## ALGAE

- One celled organisms
- Plant-like, but have no stems, roots or leaves
- Plant like, using photosynthesis to make food

## AMOEBA

- The word "amoeba" means "change"
- One cell organism
- A protozoan / protist
- Blob-like amoebas use pseudopodia ("false feet" to get around)

## BINARY FISSION

Protists use binary fission to multiply, duplicating their DNA and splitting themselves in two

## CILLIA

Some protozoa are covered with cilia, or little hair like appendages, that they wave like oars to get themselves around in the water.

## FLAGELLA

Some protozoa use a flagella, a whip like tail, to get around in the water.

## PROTOZOANS / PROTISTS

- Protozoan means "first animals"
- Single cell organisms
- Have a nucleus
- Can be found anywhere there is moisture
- Move around in their moist environment using flagella (whip like tails), cilia (little hairs), or pseudopodia (false feet)
- Use binary fission to multiply
- Examples
  - Amoebas
  - Algae
  - Paramecium

## PSEUDOPOD

A method of locomotion used by blob-like protozoa, pseudopodia (false feet) help the amoeba get around by pushing out the cell membrane to create a temporary protrusion allowing the creature to creep around.