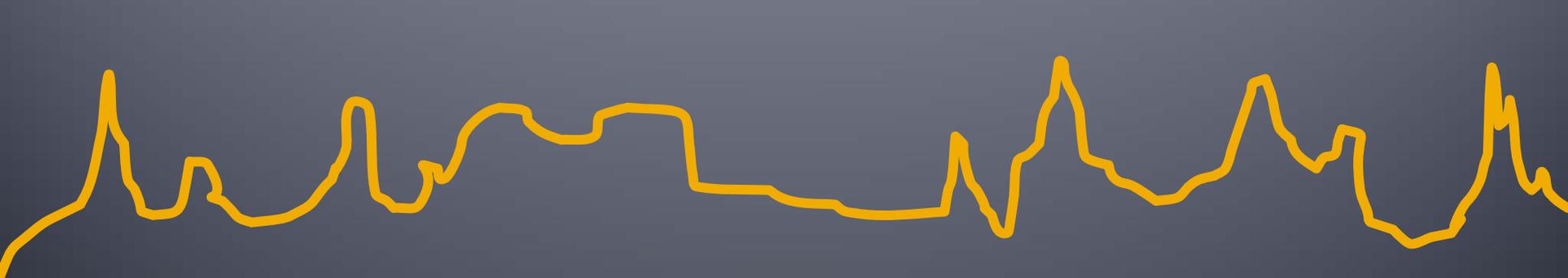


Timpanogos Cave Edition
Diantha Smith, 2009

Who Wants to Be a \$peleologist?



Rules of the Game!

1. Read each question and all choices carefully.

2. Choose an answer or choose a life line.

3. If you get the answer correct you continue answering.

4. If you answer incorrectly, another player gets the next question.

5. LEARN A LOT AND HAVE FUN!



Life Lines



Ask the audience: The audience will raise their hands to show which question they think the player should choose.

50/50

Fifty/Fifty: The game host will reveal two answers that are **not** correct, leaving two choices for the player .



Info Sheet: The player may consult the Cave Information Sheet for one minute to try and find the answer. (Beware: not all answers are on the sheet!)

\$100



50/50



Is that your final answer?

How do we know that the limestone in Mount Timpanogos was formed in ancient sea beds?

A: lots of salt

B: smells like the ocean

C: fossils of sea creatures

D: pirate ghosts

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50/50



How do we know that many caves, like Timpanogos, are formed in rock from ancient sea beds?

A: large salt content

B: smell like the ocean

C: fossils of sea creatures

D: pirate ghosts

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50/50



Is that your final answer?

What is the length and weight of the Great Heart stalactite?

A: 5 ½ ft. & 2 tons

B: 3 ½ ft. & 2 tons

C: 5 ½ ft. & 300 lbs.

D: 3 ft. & 2,000 lbs.

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50/50



Is that your final answer?

What kind of cave is Timpanogos Cave?

A: sea cave

B: talus cave

C: lava cave

D: solution cave

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C: lava cave

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50/50



Is that your final answer?

Which kind of rock are most caves found in?

A: Limestone

B: Granite

C: Sandstone

D: Igneous

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Is that your final answer?

What ceiling formation comes from dripping water?

A: Stalactite

B: Flowstone

C: Helictites

D: Anthodite Crystals

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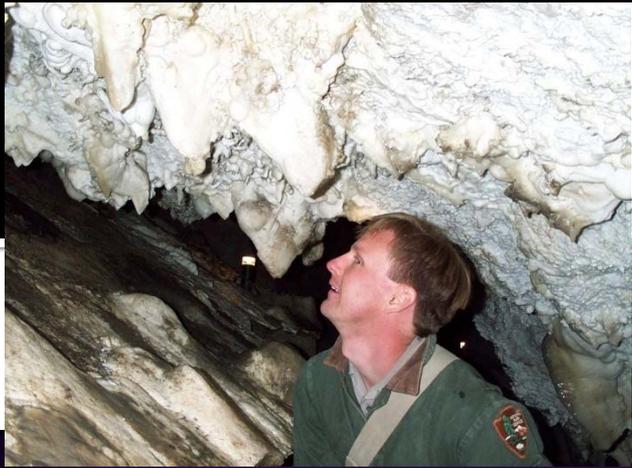
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Is that your final answer?

What is the most unlikely danger you would encounter in a cave?

A: Hypothermia

B: Snakes

C: Poisonous Gases

D: Getting lost

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Caves are dark, cold and damp. They have very little for me to eat.



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B: Snakes

C: Poisonous Gases

D: Getting lost

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50/50



Is that your final answer?

What is Timpanogos Cave famous for?

A: Only cave with helictites

B: Smartest Park Rangers in U.S.A.

C: Discovered by Brad Pitt

D: Wide variety of colors & formations

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Is that your final answer?

What is the average rate that Timpanogos Cave formations grow each year?

A: 3/8 in. to 1/2 in.

B: 1/2 ft. to 1 ft.

C: Depends on H2O

D: They don't grow.

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Is that your final answer?

What mineral makes calcite turn yellow and aragonite turn green?

A: Potassium

B: Manganese

C: Iron Oxide

D: Nickel

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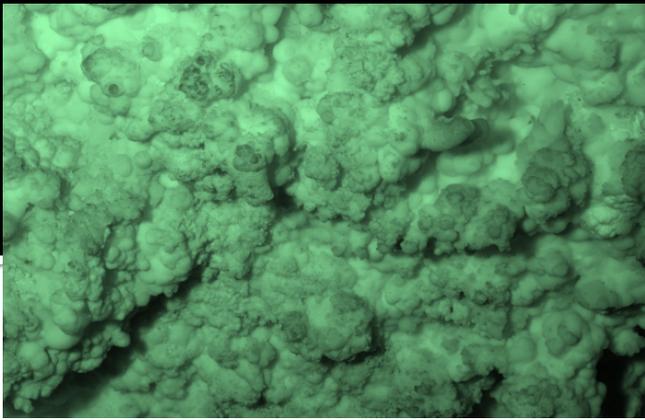
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Is that your final answer?

What are the blind and colorless creatures in caves called?

A: Albinites

B: Troglobites

C: Geotrydes

D: Biochromites

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Is that your final answer?

Why did the color of the calcite flowing over this rock change?



A: people touched it

B: H₂O went through Iron

C: the rock got wetter

D: animals lived here

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Is that your final answer?

What are the names of the longest and largest caves in the world?

A: Jean Bernard & Sarawak

B: Kazmura and Mammoth

C: Timpanogos & Jean Bernard

D: Mammoth & Sarawak

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CONGRATULATIONS!

You are on your way to being an expert speleologist .

Thank you for playing!

