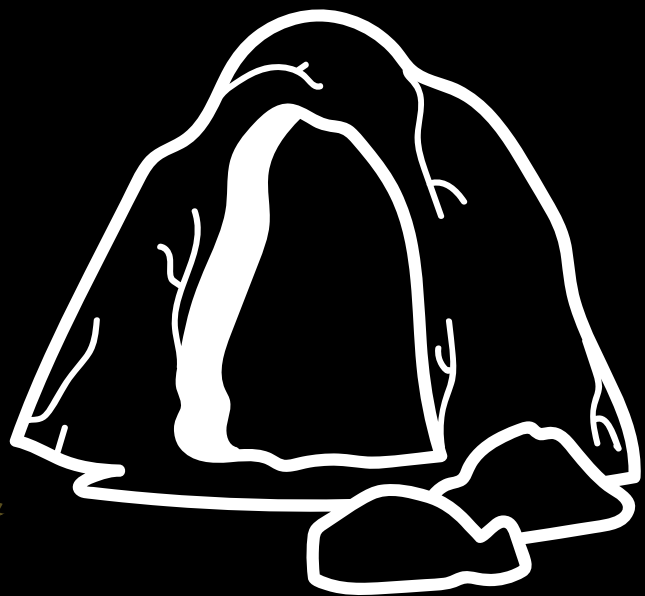


PEPPERSAUCE CAVE



THIS CAVE BOOK
BELONGS TO:

Two white, rounded rectangular boxes stacked vertically, designed for writing a name. The top box has a piece of brown, dotted tape on its left side, and the bottom box has a piece of brown, dotted tape on its right side.



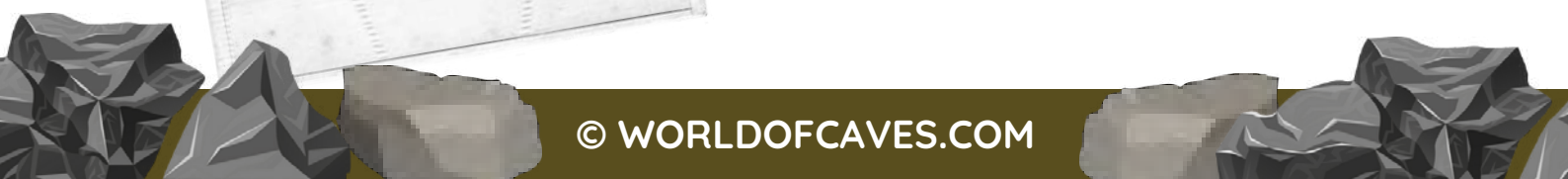
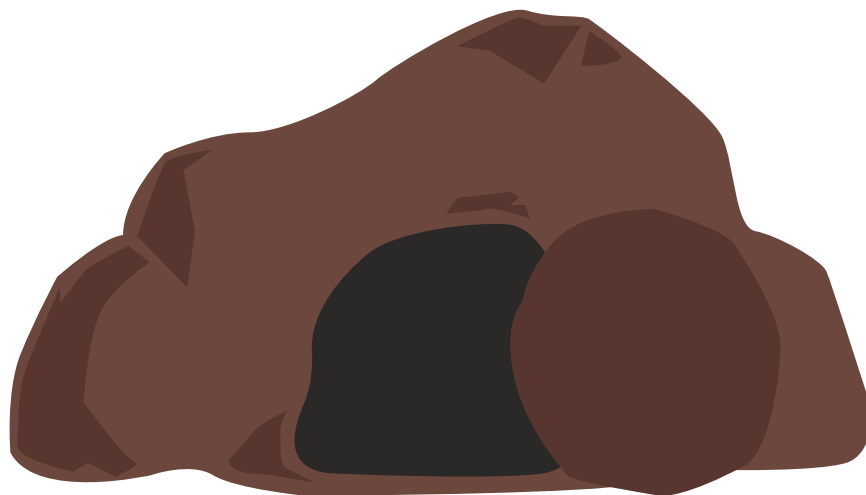
PEPPERSAUCE CAVE



DID YOU KNOW...?

HISTORY HAS IT THAT THE PEPPERSAUCE CAVE WAS DISCOVERED BY DEER HUNTERS AND BROUGHT TO THE PUBLIC'S ATTENTION.

AN ARTICLE WAS WRITTEN IN 1948 AND PUBLISHED IN THE DESERT MAGAZINE, WHICH SAW MANY DETAILS BEING EXPLORED ABOUT THE REGION.



PEPPERSAUCE CAVE



The cave has an underground lake and a rock "slide," which is a major attraction for visitors.

After the two men returned from their first entry, they made the discovery known, and since then, it has become an artwork of nature.

Peppersauce Cave is a limestone cave located in the Santa Catalina Mountains, on the back slope, south of Oracle, Arizona.



Peppersauce Cave



PEPPERSAUCE CAVE



Speleothems are cave formations caused by deposition of dissolved minerals. Stalactites and stalagmites are examples of speleothems found in Mammoth Cave.

Stalactites are speleothems that hang from the cave ceiling. They form when water containing dissolved calcium bicarbonate from the limestone rock drips from the ceiling of a cave. As the water comes into contact with the air, some of the calcium bicarbonate precipitates back into limestone to form a tiny ring, which gradually elongates to form a stalactite.

Limestone stalactites form less than 10cm every thousand years!

Stalagmites are speleothems that rise from the floor using a similar process. Sometimes they grow together to form a pillar or column.

One way to remember is that stalactite has a “c” in it, as in “ceiling,” and stalagmite has a “g” in it, as in “ground.”

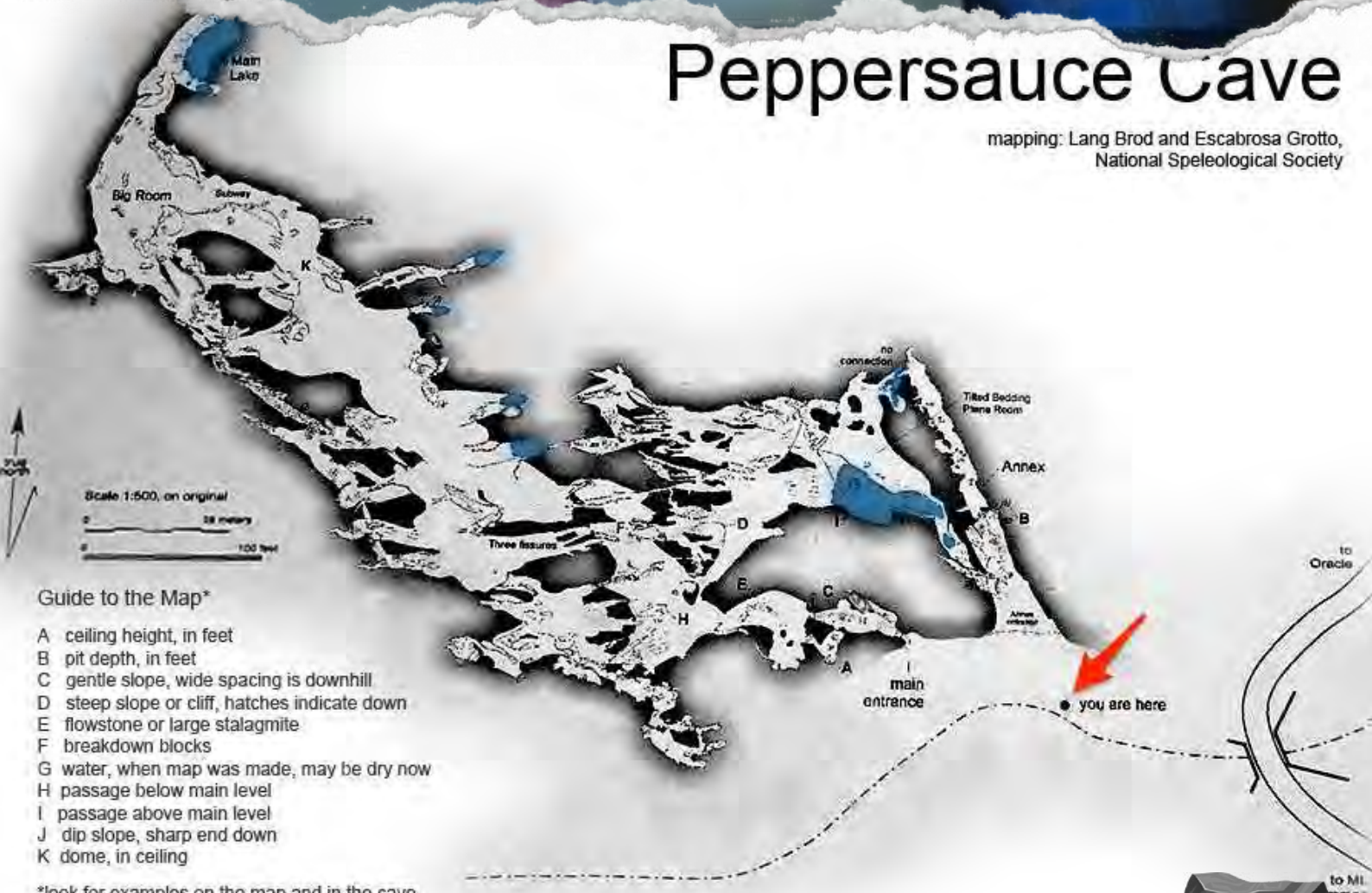
Source: <https://science.howstuffworks.com>





Peppersauce Cave

mapping: Lang Brod and Escabrosa Grotto,
National Speleological Society



Guide to the Map*

- A ceiling height, in feet
- B pit depth, in feet
- C gentle slope, wide spacing is downhill
- D steep slope or cliff, hatches indicate down
- E flowstone or large stalagmite
- F breakdown blocks
- G water, when map was made, may be dry now
- H passage below main level
- I passage above main level
- J dip slope, sharp end down
- K dome, in ceiling

*look for examples on the map and in the cave

PEPPERSAUCE CAVE



FUN FACTS!

- There is an underground lake in the cave, which causes the cave's humidity to be around 70 at all times.
- Over 23,000 visitors visit the cave each year.
- There is a rock "slide" in the cave for those who desire to dare some blood-rushing experience.
- To go to the base of the inner cave, there is a 15-foot ladder as there are no ropes to crawl down.
- The entrance to Peppersauce Cave is a small hole in the side of the Santa Catalina Mountains.
- The only road leading to the cave is a narrow track that is not too well maintained.
- You can swim in the lake that is found in the cave to enhance your overall adventure.

SCAVENGER HUNT

BEST PART OF MY TRIP:

I SAW A

- | | |
|-------------------------------------|-----------------------------------|
| <input type="checkbox"/> ROCK SLIDE | <input type="checkbox"/> GRAFFITI |
| <input type="checkbox"/> STALACTITE | <input type="checkbox"/> ROCK |
| <input type="checkbox"/> STALAGMITE | <input type="checkbox"/> FLOWER |
| <input type="checkbox"/> LAKE | <input type="checkbox"/> TREE |
| <input type="checkbox"/> BIRD | <input type="checkbox"/> CAVE |
| <input type="checkbox"/> FLASHLIGHT | <input type="checkbox"/> CLOUD |
| <input type="checkbox"/> CAVE CRACK | <input type="checkbox"/> SPIDER |

DEFINE THE WORDS

STALACTITES

STALAGMITES

ENDANGERED
SPECIES

CAVE

MAPPING

LAKE

SLOPE

WHAT DID I LEARN



NAME THREE THINGS YOU LEARNED ABOUT PEPPERSAUCE CAVE.

1

2

3

Who discovered Peppersauce Cave?

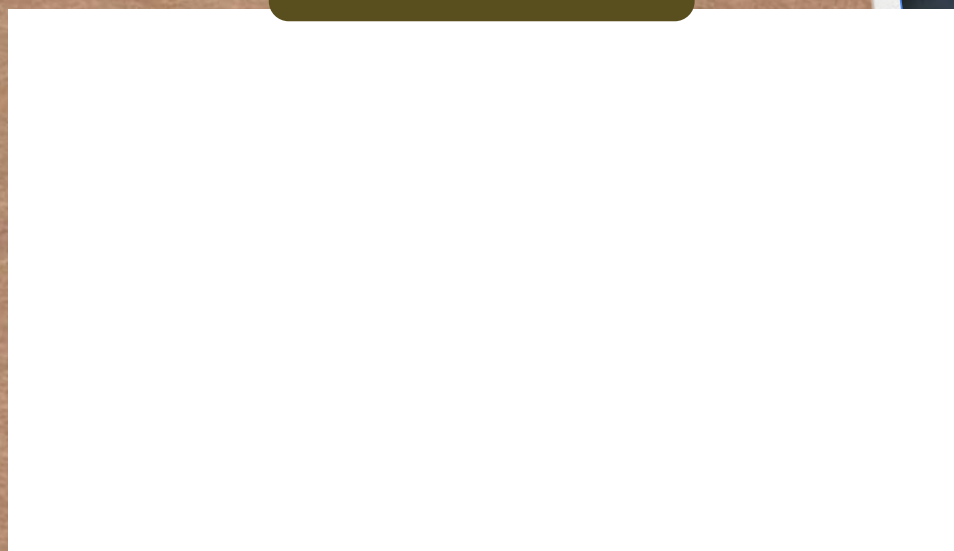
3 Things to do at Peppersauce Cave:

PEPPERSAUCE CAVE



WHY CAN'T WE SEE WILDLIFE IN THE PEPPERSAUCE CAVE?





DRAW AN UNDERGROUND LAKE!



HOMework TIME

Test your cave knowledge by answering the questions in the boxes below.

What's the difference between stalactites and stalagmites?

What do you need to climb to go to the base of the inner cave?

What is the temperature inside Peppersauce Cave?

Which cave tour would you like to take?

Can you swim in the lake that is found in the cave?

In which mountains is the Peppersauce cave located?

PEPPERSAUCE CAVE TRACING

Peppersauce

Cave

Arizona

stalactites

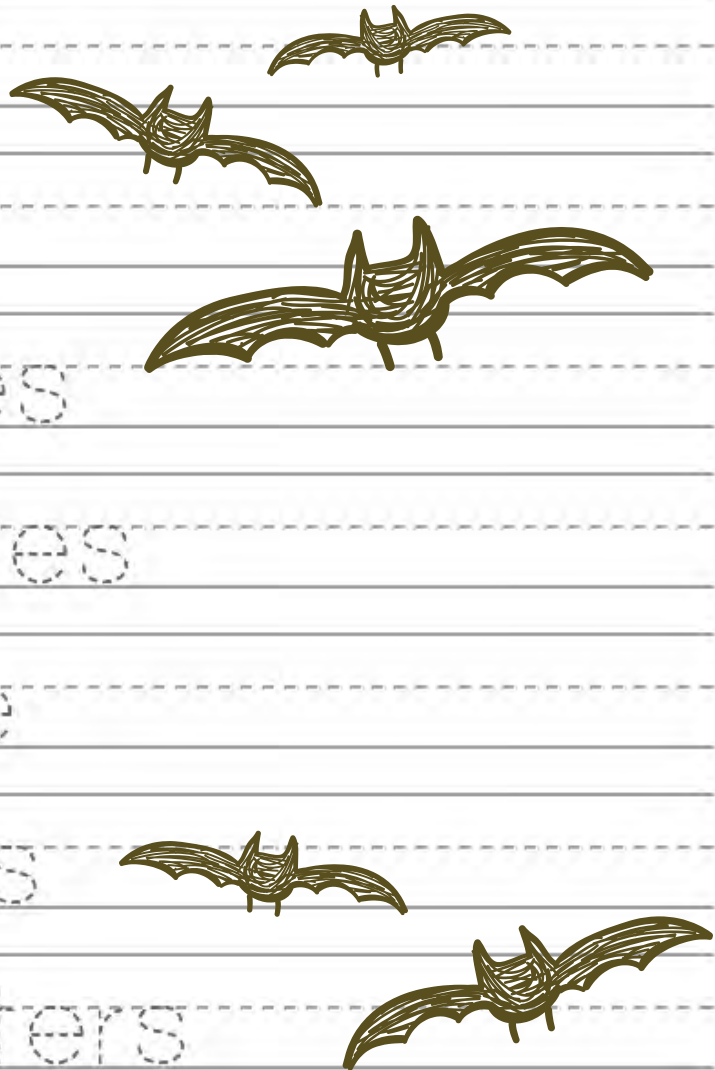
stalagmites

limestone

Mountains

Deer Hunters

rock



PEPPERSAUCE CAVE WORD SEARCH



E	T	S	N	I	A	T	N	U	O	M	E	T	E
A	E	C	R	E	R	O	I	L	S	R	O	E	L
D	E	E	R	H	U	N	T	E	R	S	P	P	A
I	R	H	I	A	S	L	N	T	G	E	M	E	K
N	S	T	A	L	A	G	M	I	T	E	S	P	E
A	S	E	T	I	T	C	A	L	A	T	S	P	E
R	L	A	P	R	E	C	T	M	L	T	A	E	A
I	U	U	A	L	E	N	A	I	Z	E	S	R	O
Z	S	T	V	S	A	S	E	V	U	T	S	S	T
O	S	T	N	C	T	L	I	S	E	L	S	A	V
N	T	L	A	N	S	M	I	E	S	T	E	U	S
A	T	K	I	E	V	S	L	O	P	E	T	C	L
O	L	E	S	A	G	S	S	C	T	T	T	E	T
A	A	A	S	E	N	O	T	S	E	M	I	L	A

SLOPE

STALACTITES

STALAGMITES

LIMESTONE

DEER HUNTERS

ARIZONA

MOUNTAINS

PEPPERSAUCE

LAKE

CAVE

MATCH THE LIST WITH IMAGES

LAKE

MATCH

BUGS

MAP

CANDLE

WEB

FISH

EARTH

BAT

INSECT



PEPPERSAUCE CAVE UNSCRAMBLE

CETASSTITLA

STLISAAGTEM

MLONETISE

NORIAZA

ANUINMSTO

VEAC

KLEA

PMA

CUSEEPAERPP

OKRC

DWFEIILL





WORLD OF CAVES

*World Of Caves has resources
for:*



BAT FACTS



MYTHS ABOUT BATS



CAVE FACTS



CAVE GEOLOGY

and many more!

Check back for new cave guides frequently!