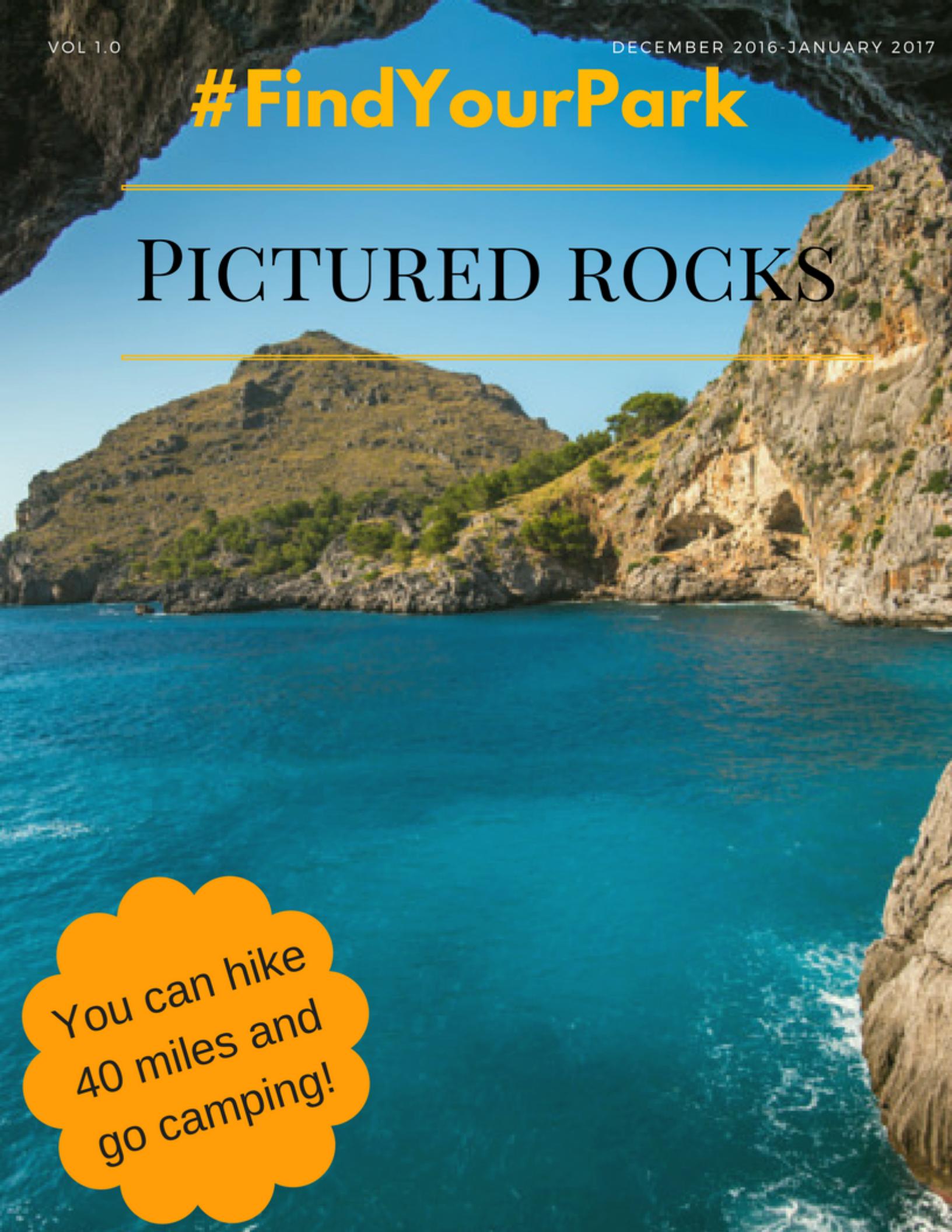


# #FindYourPark

## PICTURED ROCKS



You can hike  
40 miles and  
go camping!

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# Au Sable Lighthouse

By Alexander Gutowski



Pictured Rocks is home to many parts of history. Old shipwrecks, campgrounds, waterfalls, streams, rivers, and lakes. There is one place, that has been around for a long time, longer than Pictured Rocks itself! Since 1873, Pictured Rocks has been home to the Au Sable Lighthouse. The Au Sable Lighthouse is interesting because it was made in 1873-1874, it is  $1 \frac{1}{2}$  miles from Hurricane River Campground, and you can get a cool tour on September 17.

## History



First of all, the Au Sable Lighthouse is interesting because it was made 142 years ago, 92 years before Pictured Rocks itself. According to the National Park Service, 143 years ago they decided to build the Lighthouse 12 miles west of Grand Marais, Michigan. Even though the Lighthouse was built in 1874, an additional Fog Signal Building was added later in 1897. A Fog Signal Building is a Building for a fog light, so when ships come in

from Lake Superior, they see the land and don't crash. Then 12 years later, in 1909, a head keeper's cabin was added. A Head Keeper's Cabin is a house attached to the Lighthouse for the Head Keeper. 49 years later, they automated the light in 1958. Automate means they made the light to work on its own.

## Getting There

Secondly, the Au Sable Lighthouse is interesting because It is 1 ½ miles from Hurricane River Campground. That means a shorter walk. Drive to Hurricane River Campground, walk for 28 minutes(1 ½ mile), you're there. If you don't drive to hurricane river campground, see you later. It takes 4 h 16 min to get there from



Pictured Rocks National Lakeshore. It takes 18 minutes (8.7 miles) to drive to Au Sable from Pictured Rocks. This is a Quote from Pinterest, "A Lighthouse doesn't save the ships; it doesn't go out and rescue them, it's just this pillar that helps to guide people home." This is a good quote and it means what it says. Lighthouses aren't living; they don't go and SAVE the ships. It is just a pillar with a light on the top. The ships see the light and it shows them where land is.

## Free Tours

Finally, the Au Sable Lighthouse is interesting because Saturday, September 17, 2016 is Au Sable day. You can get cool tours cooler than a normal tour. You can get FREE transport to the lighthouse. That's the best part because the transport leaves from PICTURED ROCKS!



Normally, the WALK from Pictured Rocks to Au Sable takes 4 hours! If you take the transport bus on the 17, you'll get there in about 20 minutes. For example, According to Google Maps if you decided to race a friend to Au Sable Lighthouse from Pictured Rocks, and you walked and he rode the transport bus or drove, he would win. Even if you got a 3 hour and 55 minute head start, he would still win. But if you got a 4 hour and 16 minute head start you would actually win because that is how long it takes to walk to the Au Sable lighthouse from Pictured Rocks.

## FUN FACTS ABOUT AU SABLE

1. In the 1.5 mile walk to the lighthouse, you pass the remains of 3 shipwrecks of Mary Jarecki, Sitka, and Gale Staples.

2. Bicycles and pets are not permitted on the trail and at the lighthouse

3. If you walk along the shore of Lake Superior by Au Sable, you are likely to see groups of fishermen near the shore catching their dinner.

## Conclusion

The Au Sable Lighthouse is a very cool building. The lighthouse is cool because it was made before Pictured Rocks itself. It is a short walk away from Hurricane River Campground, and you get cool tours and free transport on September 17. If you want to learn MORE about the Au Sable Lighthouse, try the National Park Service Website for the Au Sable Lighthouse :

.....

nps.gov, search for Michigan, Pictured Rocks in Michigan, Learn about the Park, History and Culture, then Au Sable Light Station. Maybe one day you'll go to Pictured Rocks and see all those Old Shipwrecks, Campgrounds, Waterfalls, streams, rivers, and lakes. And maybe, just maybe, you'll visit the Au Sable Lighthouse. Would you like to go to Pictured Rocks National Lakeshore?

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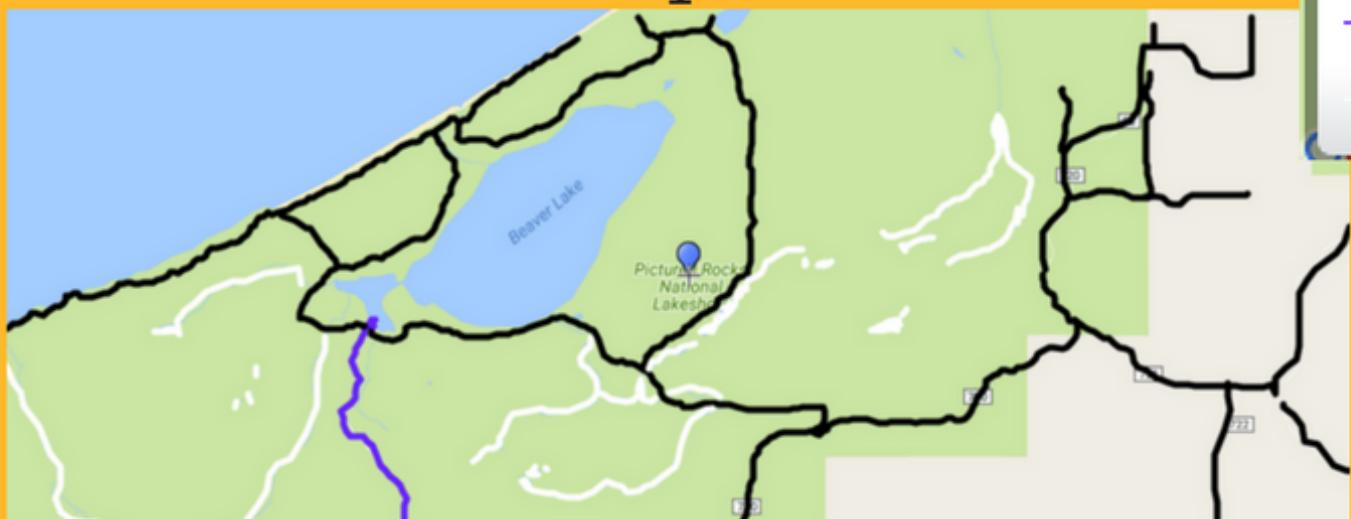
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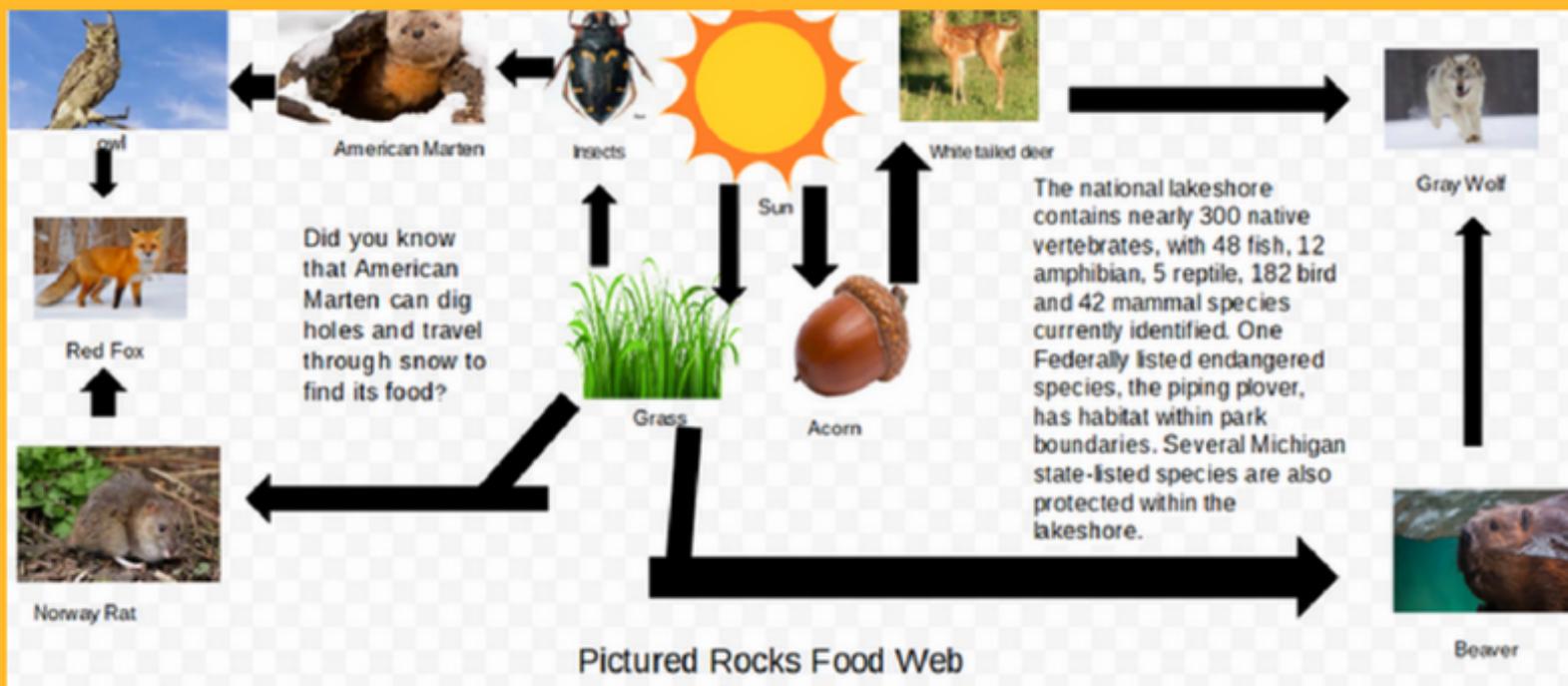
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# Map



## Food Web



## Mad Libs

My family trip to Pictured Rocks was \_\_\_\_\_ When we got there!

Adj. \_\_\_\_\_ After we saw \_\_\_\_\_ we went to go take a \_\_\_\_\_ Once we finished the \_\_\_\_\_, I  
 Noun \_\_\_\_\_ Noun \_\_\_\_\_ Verb. \_\_\_\_\_ Noun  
 went back to the \_\_\_\_\_ and had some \_\_\_\_\_. The rest of my family came and we had some more of  
 Noun \_\_\_\_\_ Noun \_\_\_\_\_

Noun \_\_\_\_\_ Then the next morning we woke up \_\_\_\_\_ and early. Then

Noun \_\_\_\_\_ again in the \_\_\_\_\_ in the morning and afternoon. And that's

Noun. \_\_\_\_\_ Noun. \_\_\_\_\_ Adj. \_\_\_\_\_  
 the end of my \_\_\_\_\_ story. Hope you go to \_\_\_\_\_ Pictured Rocks!

# Climate

## By: Ava Proctor

The beautiful clouds and the warm summer breeze is like someone beating your chest.

Pictured Rocks is the place to be. People come here every year to see animals go on boat rides and maybe do some kayaking in Lake Superior. The name Pictured Rocks comes from rocks and stains. When it rains snows or lightings all together it will make a design on the rocks making the rocks have a little stain on them to touch them up. People love it here so much they spend the night at the resort on pictured rocks. And it would cost no fee!

Additionally you will be learning about how the rocks gets its stains, how the seasons change and the weather climate.

### SEASONS...

In the summertime it can get a little hot, it also can be very humid and sunny so the climate can get up to 101 degrees

fahrenheit! People can go on boat cruise look at the pretty flowers and more. In the winter it can be very cold and miserable if you do not have enough layers on. It can get up to -25 degrees

frenhitaehate.! People like to do lots of things with their families or by themselves. There are many things to look at and they see the animals that come out such as deer and bears. People come here to go snowboarding or sledding

even skiing down pictured rocks! But there is a waring, if you go Pictured rocks is also near the west hemisphere.

Hemispheres a half of the earth, usually as divided into northern and southern halves by the equator, or into western and eastern halves by an imaginary line passing through the poles. Also In the fall it can be cold at one point but then be super warm like it was summer all over again. In the fall the leaves from the trees start to fall off but in pictured rocks they really bloom and are very pretty such as in the spring, they bloom and grow.



## STAINS

Stains can be made by rain ,snow ,even icicles. People will climb the frozen icicles in the winter and some people would be so brave they would climb Miners falls the biggest waterfall in the Pictured Rocks area! The waterfall has been frozen through the winter. People would climb it all day long. People that study can be an archaeologist which according to webster dictionary is a person who studies prehistory and history through things left behind by ancient cultures is called an archaeologist. For a living to go take a pick about what is the story around the Pictured Rocks National Lakeshore. So you know what is happening with it but do you know how they are stained? Well, they are stained by rain and water and snow. When the water from the rain gets on it the rocks tend to go and soak up all the water from the rain. Then in the winter time the rain freezes and then when it snows when it melts the stains are born into beautiful colors.

## Conclusion

This article was about Pictured rocks and how the rocks gets its stains, how the seasons change along with weather climate. It is always an option to go see the pictured rocks national park lakeshore. And do remember that pictured rocks was one of the most fascinating park in the michigan.

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How to see Pictured Rocks  
You could go on a boat trip  
and see the rocks  
You could rent a kayak and  
see them  
You could rent a bike or walk

# Fun Facts

People take boat cruises to see the stains.

Pictured Rocks has over 70,000 acres

The harbor of refuge was built in 1908 by the u.s. Life saving service light keeper's dwelling. It was constructed at the cost of 5000 dollars it is a duplicate of the munising range lights. It was closed in 1981.

The harbor of refuge light keeper's dwelling became a museum in 1984.

In the winter, the waterfalls at Pictured Rocks become frozen and you can climb them.

American Marten is an endangered animal in Pictured Rocks.

Pictured Rocks is located in Michigan's Upper peninsula also by lake superior



# ENDANGERED ANIMALS

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By Katie Farrell



Pictured Rocks has facts and history laying around everywhere just behind the beauty of the stained rocks. They look as if green, blue, orange, and black bombs exploded all over them. In addition It lies over all 70,000 acres of the park. It's just that nobody knows it's there. After all you will learn why certain animals get endangered, about the deer and the endangered Gray Wolf, and endangered species in general. Hopefully you will know what's behind the beauty of Pictured Rocks once you read this.

## Why Certain Animals get Endangered and not Others



The reasons why certain animals get endangered (seriously at risk of becoming extinct) and not others are because their habitats can get destroyed. The most common way they can get destroyed is because of humans building roads, cutting down trees, filling swamps, and more. One of the main reasons this year is because of hunting. So many humans hunt deer, birds, rabbits, turkeys, and more.

# Deer and the Endangered Gray Wolf

The endangered Gray Wolf and deer both live in Pictured Rocks. In addition they are both mammals. But the deer is a herbivore (doesn't eat meat) and the endangered Gray Wolf is a carnivore (does eat meat). The Gray Wolf was put on the endangered list December 19, 2004. However the White tailed deer could go off the endangered list and go back to the threatened animal list. People have seen the White tailed deer numbers grow hugely since the 1960's when they were put on the endangered list. Although they were taken off the the endangered list in 2003 according "Fish and Wildlife."



Wolves have unique howls like fingerprints so scientists can tell them apart.

## What you need to Kayak

A Kayak  
A paddle  
No waves

## Endangered Species in General

Experts say that 30 to 50 percent of all species are going toward extinction in the mid century. However 99% of currently threatened species are now at risk from human activities such as cutting down trees, building roads and more. We need to stop this because in the future we may not have natural wild life for people to see. Someday we may not have animals if this is how we are going to treat them. For example the Copper belly Water Snake is threatened and soon to be on the endangered list. The Copper belly Water Snake like all others got its habitat destroyed by humans building roads, homes and more. (You better be careful because there's a tiny chance you could run into one of these when you're there!)

## Conclusion

Pictured Rocks is historical, beautiful, and fun. In this article you learned why certain animals get endangered, about the deer and the endangered Gray Wolf, and endangered species in general. However If you ever need someplace to get out into the wild go to Pictured Rocks National lake shore. The lake shore hugs the Lake Superior shoreline for more than 40 miles. Also lake superior is the coldest, largest, deepest and most pristine (clean) out of all great lakes.



This is a picture of Pictured Rocks.

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# PICTURED ROCKS NATURAL DISTSERS

By Mark Girvan



## Introduction

Did you know that Pictured Rocks is 50 years old? The Pictured Rocks are as stained as a coffee splattered shirt. 50 years ago these glorious cliffs were nothing other than just ordinary 200 foot cliffs until humans found the beauty of pictured rocks. The beauty of every single stain splattered onto the neatly carved sandstone cliffs. There is more to learn about Pictured Rocks like Places to visit in Pictured Rocks, how they were formed and, ways we can help the lakeshore.

## Places to visit in Pictured Rocks

Pictured Rocks may not be the first National Park you probably will think of. The Grand Canyon or Yellowstone. Pictured Rocks has as much to see as the Grand Canyon and enough to explore like Yellowstone. Pictured Rocks Au Sable Light Station you may not know what the Au Sable Light Station is it helps the boats not crash into the rocks. The most common word for this is a lighthouse or light station. Here are facts about Au Sable Light Station according to [www.nps.gov](http://www.nps.gov). Miners Castle is also a bold highlight of the Pictured Rocks but of course I couldn't leave you hanging not knowing what the Miners Castle. It is a giant rock formation formed in Pleistocene Epoch ice age which gave the Pictured Rocks its stains, the Great lakes, and rock formations that are in Pictured Rocks now. For more information visit this link of Miners castle [www.nps.gov](http://www.nps.gov). This is something that has always haunted everyone, ready to strike at any moment at any time the disasters that cover this world with fear natural disasters such as earthquakes and hurricanes. But how can you see our lakeshore maybe taking trip to the Pictured Rocks and see the cliffs in the Summer or the Winter. You can also go for free around your age.

# How can help Pictured Rocks

Moreover I know a way to help my park. I can help them by breaking through icebergs that hit the rocks occasionally causing rocks falling, according to Pictured Rocks National Lakeshore - Michigan - YouTube. We can bring boats that break small icebergs and then they will be very small icebergs that barely affect the lakeshore. We can also put nets in the water that does not affect any type of animals so it can catch all the rocks that fall into the beautiful water. This is a problem but we have solutions. Most of the rocks that fall are always just rocks that are old and cracked and when the iceberg bumps into the rocks and there goes the rock plops right into the water just like ice cream falling onto the hot boiling cement.



## How the Pictured Rocks were made

The Pictured Rocks may not have many natural disasters but they still have some for example earthquakes, extreme heat, winter storms, and extreme cold which happens a lot at pictured rocks in the winter. The most common natural disasters that happen here are earthquakes and extreme cold. The earthquakes are a threat that strike anywhere. They are the most common natural disaster along with extreme cold in the winter. The earthquake is when the crust ruptures leaves to major injury and extreme cold is when it is below -20 fahreinit for more than 48 hours. The Pictured Rocks were formed Pleistocene epoch ice age the glaciers formed the lake and the Pictured Rocks. The stains are made of ice, rain and, snow.



# Earthquakes

Sudden violent shaking on the ground.

It is a result of the earth's crust and volcanic action.

Sometime creates great destruction.



# Conclusion

Natural disasters are like hidden venomous snakes, ready to strike at any moment. Natural disasters have caused over 1.5 trillion dollars worth of damage and have cost us 1.1 million lives according to [www.weforum.org](http://www.weforum.org). You should always know some things about natural disasters so if you're in one you know what to do. Other than natural disasters Pictured Rocks is a very beautiful place to visit if you get a chance.

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U	N	J	G	A	R	D	S	H	A	D	S	D	N	U
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Y	G	D	I	U	I	F	C	E	J	J	I	B	H	E
Q	E	I	S	S	R	C	O	F	W	H	P	Q	Q	N
O	D	J	I	N	E	Y	R	U	G	Q	W	K	W	B
Q	K	A	N	I	P	D	D	X	M	Q	R	C	X	E
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G	J	Q	G	U	Y	M	I	C	H	I	G	A	N	K
R	E	F	M	P	Y	P	S	M	D	W	R	H	Q	V

Find

**LAKESUPERIOR  
PICTUREDROCKS  
UPPERPENINSULA  
MICHIGAN  
SHIPWRECKS  
MUNISING  
STAINS**

**in the puzzle on your  
left**

P	W	I	A	C	S	T	M	U	5	R	Y	E	G	D	0	K	S	0
1	2	5	6	9	10	13	14	17	19	18	16	15	12	11	8	7	4	3

1 5 9 13 17 18 15 11

18 3 9 7 4

2 6 10

14 6 11 15

19 8

16 15 6 18 10

6 12 3

Directions: Find the Number under the space you want to fill. Then match that number with the same number in the lower row of the grid below. Then the box above that same number is the letter/character that goes in that empty space.