



United Nations : Oki Islands Educational, Scientific and . Cultural Organization . Global Geopark

Oki Islands UNESCO Global Geopark **Promotion Committee**

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THIS IS THE LAST PAGE. TURN OVER AND READ FROM RIGHT TO LEFT.



Lifestyles and traditions that stretch back to ancient times



Many different forms of ancient Japanese culture still exist in Oki. There is also unique culture and history that can only be found here.

Oki Islands UNESCO Global Geopark

Lifestyles and

Traditions

Ecosystem of O

Geological changes over time have created the unique ecosystem of the Oki Islands. The plants and animals here also show us how living things evolve!

Unique Ecosystem

Oki Salamander

Yes, Minato. Good question!

Professor Bird. can vou tell me what a geopark







To put it simply, a geopark is a place where we can learn all about the land that we live in. There are geoparks all over the world!



Well, that geopark you are in, so...

What can learn there?





I know, how

about we go and

depends which

Geohistory



In the Oki

Islands UNESCO

Global Geopark

vou can discover

connections

between the land.

nature and the people.

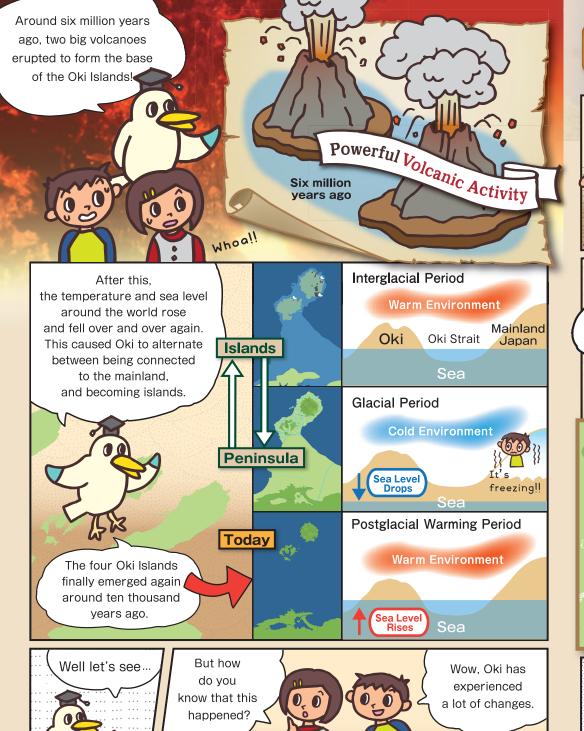
History of the land recorded in the landscapes

The rocks and rock layers that compose the Oki Islands tell us how the scenery we see today was created.

Okay!!

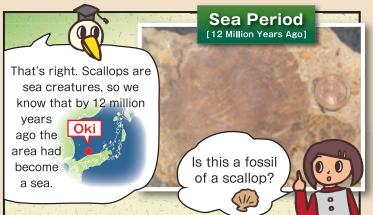


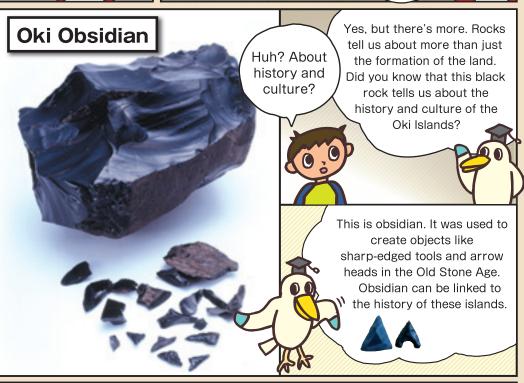


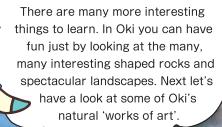


Geohistory How the Okilslands were born! Where on earth First, let's find out Continental is Oki? how the Oki Islands Period were formed. 50 Million This is a map of the Years Ago land 50 million years There's ago. no Japan! Sea In fact, the Japanese That's right. Archipelago, including The red dot is where the It separated Oki. was created when land of Oki was located. from the land became the continent!? At this time Japan was separated from the still part of the Eurasian continent. Continent. Formation of Land the Japanese Archipelago Oki at the Bottom of the Sea Years Ago Years Ago Yes, when the land of the Land Japanese Archipelago began to separate from the Japanese continent, a large lake Archipelago formed. This lake became a Sea sea. Oki Japanese Oki at the Bottom Archipelago of a Lake Wow, by learning That's true! about how Oki was created, After that... I got to find out how the Japanese Archipelago and the Sea of Japan were created, too!





















farmland around the cliff.

Shirashima Coast

This coastline is made up of white rocks, so it is called 'Shirashima', which means 'white island'.

Sekiheki Cliff

The cliff over here is called 'Sekiheki', which means 'Red Cliff'. The red color was created by oxidization of the iron content in splashes of lava. It is the remains of the mouth of a volcanic crater.



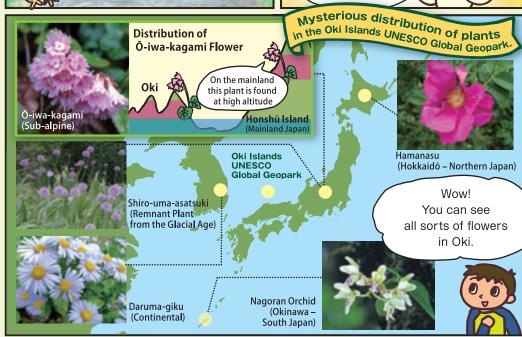
Subalpine Plants on the Coast?!

Oki's Mysterious Ecosystem



Plant species normally differ according to climate and location. But in Oki, plants from different environments are found in the same place.

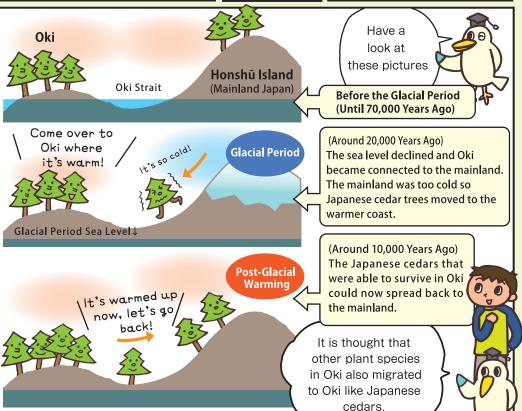












Three Giant Japanese Cedar Trees of Dōgo Island

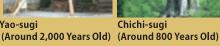
These three strangely shaped trees are known as Kabura-sugi, Chichi-sugi and Yao-sugi.

10



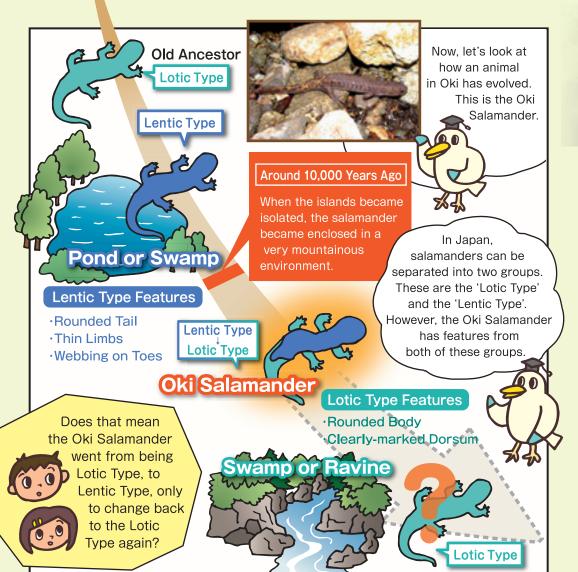








Kabura-sugi (Around 600 Years Old)



Oh I get it! That's the connection between the land and the ecosystem isn't it?

It looks like such a small difference, but I guess it's really important after all.

Yes. I see vou have understood an important thing. Living things adapt to the characteristics of the environment < they live in.

That's because when Oki became isolated islands. the Oki Salamander's habitat changed, right?

Plants and Animals in Oki Are Different?!

More specifically, it is an 'Oki Dandelion'. Did you know that it can only be found in Oki?

Correct! It's a dandelion

Minato. do you know the name of this flower?

Unique Ecosystem



...Um, Professor, they don't really look that different from the ones on the mainland...



Peninsula

to Islands

10,000

years is

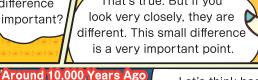
time?

a short



A small difference is important?

That's true. But if you look very closely, they are is a very important point.



This tells us the ways plants and animals in Oki have evolved and how long evolution takes.

I get it. So we can see what '10.000 years of evolution' is!

Let's think back to when Oki became islands again 10.000 years ago.

During the 10,000 years that Oki has been isolated, the plants and animals have evolved little-by-little. In fact, in terms of the evolution of species 10.000 years is a very short time.

11





Yes, of course! You can see creatures from the warmer southern seas.



Is there something special to see here too?



Ki-sango

Stony Coral



Beautiful! ike a subtropical

Sea Firefly

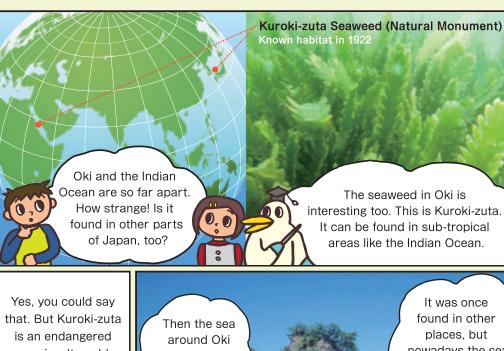
Sea fireflies that light up the sea at night are pretty too.





Japan.

Damselfish



species. It could become extinct.



nowadays the sea must be isn't so clean verv clean. so it can't be seen.

It would be sad if we couldn't see those plants and animals anymore. We have to do something to protect the living things in Oki!







Gorei-furyū





Mizuwakasu Shrine Festival

Mura-matsuri-furyū



They look Hassaku Ushi-tsuki tough! Oki Bull Sumō has a 790 Festivals take place throughout the year.





Shāra-bune Spirit Boats

Oki Kagura Shintō Dances

Yes! That's one reason. Let's discover some other reasons for the development of Oki culture!





Traditional Culture from the Past



Oki sumō is often called 'compassionate sumō' because the winner of a match must lose the next match, to show compassion. It is also called 'pillar sumō' because the winner gets to take home a pillar from the sumo ring as a prize.





Shūhaira Dance

This rice-planting ceremony takes place at two different shrines and is performed in ten directions.



A festival where a long vine is wrapped around this tree shrine seven and a half

Fuse Mountain Festival



This dance originates 1,200 years ago and was performed in the Imperial Court.

Noble People Exiled to Oki

Famous Oki Exiles **Emperor Gotoba**

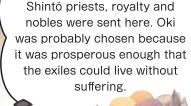
A famous classical Japanese poet, Emperor Gotoba wrote nearly 700 poems during the 20 or so years that he lived in the Oki Islands. The Emperor's poetry collection is still kept in Nakanoshima Island.

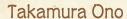




Emperor Godaigo

It is said that Emperor Godaigo staved at the Kurogi Imperial Residence in Nishinoshima Island and Oki Kokubun-ji Temple in Dogo Island during his time in Oki.



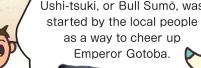


Coo!!

A talented literary figure in Japanese history. It is said that he prayed at Kinkō-ji Temple in Nakanoshima Island.



culture from the capital was brought to Oki too. Ushi-tsuki, or Bull Sumō, was



Obsidian and the Spread of Culture

There are more than 150 Shinto shrines in Oki. Sixteen of these have been recorded in documents that date back more than 1,000 vears. Four have been given a high rank alongside such important shrines as Izumo Taisha. In Oki you can also see primitive Shinto Shrines that date back to ancient times. These shrines do not have buildings. Instead, natural objects like a rock or a giant tree are worshipped. The presence of these shrines can be linked to the fact that

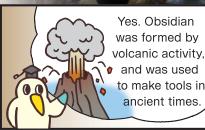
in ancient times people travelled to Oki to mine obsidian. Culture from this long ago has not even been recorded in Nara or Kyōto.

During this time

There are also shrines which have the same names as other famous shrines around Japan. This tells us that significant figures from these places came to Oki. We can imagine that these people developed the province and built shrines.

Lifestyle and **Traditions** Origins of Oki Culture....

It all starts with obsidian...



Yeah. You said it's really important in the history of Oki.

Do you two remember obsidian from our discussion about 'geohistory'?



Arrowhead Obsidia

Location of Oki Obsidian Artifacts

Long, long ago, there were no knives so people used glass-like obsidian to cut things.

Transportation of Oki Obsidian



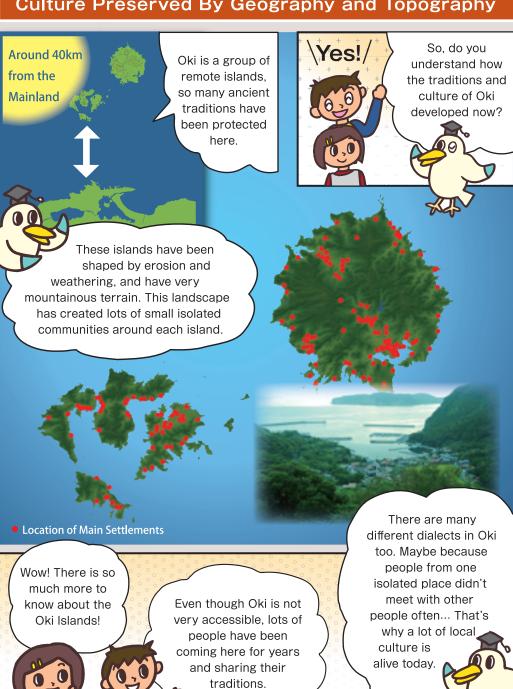
Obsidian Artifacts

It is believed Oki obsidian was traded as far back as 30,000 years ago in little wooden boats.

So, Oki obsidian can teach us about how ancient people interacted and moved about.

that looks

Ancient people crossed the sea to Oki



Flourishing Trading Port

From the mid-Edo Period Have you ever (1603 - 1868) to the Meiji heard of the Period (1868 - 1912) there Kita-mae-bune were lots of trading ships Trading Ships? at sea. No idea...

forget us.

Saigo Port.

Oki became a bustling place where ships waited for the right winds to continue their voyage.

Kita-mae**bune Route** These boats sailed all the way from the Seto Inland Sea to That's Sado Hokkaidō and far! (Oki) back.

Yes. To welcome all of these visitors, there were huge banquet rooms prepared for gatherings, and fashionable black umbrellas from England were laid out in the shops. There are many tales from this prosperous time.

Some years as 4.000! many as 4,000 That's a lot of ships visited and ships! the sailors stayed in Oki.

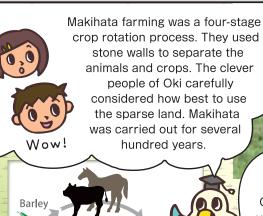
So these ships brought culture from near and far to Oki!

But it was not just goods that these ships brought to Oki. Songs and dances came too. For example, 'Oki Shigesa' folk dance is said to be from the Nīgata area.

Lifestyle and **Traditions**



20



Sovbean, Adzuki Bean

These are the stone walls of Makihata farming, a unique Oki-style of crop rotation. These, volcanic islands have little usable land for farming. But you can find lots of spring water, even at the top of mountains! In these places horses and cows were used to fertilize the barren land.

Spring

Water

Oki Spring Water Mechanism



So, where does the spring water

Regular Spring Water Mechanism

Permeable

Rock Laver

Is it unusual for springs to be on high ground?

In Oki's case.

spring water comes from

a body of fresh water

located under the ground.

It rises through cracks in

the rock layer. The weight

of seawater and fresh

water is different so they

don't mix at all.

Well, water normally flows from high places down to low places.



'Freshwater Lens'

Impermeable Rock Layer

A laver of water that exists because the permeable rock layer continues below the sea surface.



It's so strange that the water doesn't mix!

Freshwater is pushed 🔪 up due to pressure from seawater 📞

Permeable Rock Layer

Light Freshwater Layer

Heavy Seawater Layer

They have different weights so don't mix!

Discover Connections!

Perhaps you can say that the Oki Islands are a place where vou can 'discover connections'.



Oki is just like a treasure chest!



Correct! The people were able to dig these tunnels because the rock here happens to be very soft.

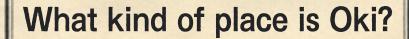






was built on a long plateau that was created by lava flow.

Lava→



That's right. But if you look at the map down below which is turned sideways, from the continent's point of view, it looks a bit like an 'entrance' to Japan,

Kind of like the edge of Japan next to the Eurasian Continent?

Do you know where Oki is?

Whoa...

That map

looks

strange..

doesn't it?

When you put the map sideways it looks totally different doesn't it...



Map of the Pacific Rim East Asian Nations

If you look at the map like this you can easily see that Oki is encircled by

Wow! It's pretty big isn't it!



Among the 418**
inhabited islands
of Japan, Dōgo
Island is number
15 in size.

Sideways Map: Toyama Prefecture 2012



Dōgo Island and the Dōzen Islands are each around about 100km all the way around.



How big is Oki?



Mata from 2012 National Census

Matagraphy

Matagr



2

you know.

