

# Unit 3

## Ötzi - The Ice Man

Notes



# Who is Ötzi the ice man?



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- Ötzi is a \_\_\_\_\_ mummy found by hikers in a \_\_\_\_\_ high in the mountains of the \_\_\_\_\_ Alps between \_\_\_\_\_ and Austria.
- Take a look at the \_\_\_\_\_ and examine them carefully, and see if you can spot any \_\_\_\_\_ that tells you more about this person.

## What type of mummy is Ötzi ?

- Ötzi is a \_\_\_\_\_ mummy because it was mummified in a \_\_\_\_\_.
- Mummies are different to \_\_\_\_\_ because they still have body tissue, like \_\_\_\_\_.

## What makes Ötzi a special mummy to study?

- Because he was \_\_\_\_\_, Ötzi has been very well \_\_\_\_\_ and scientists have learned a great deal about him by investigating his \_\_\_\_\_.

### Ötzi vs Egyptian mummies:

- Unlike many mummies prepared for \_\_\_\_\_ rituals, such as Egyptian mummies, Ötzi has all his \_\_\_\_\_ intact. This provides further \_\_\_\_\_ about him and his \_\_\_\_\_.

### How old is Ötzi ?

- Ötzi lived over \_\_\_\_\_ years ago making him the \_\_\_\_\_ intact human ever \_\_\_\_\_.

### How do we know how old he is ?

- We know he is this \_\_\_\_\_ because of \_\_\_\_\_ dating.
- This is a process where scientists \_\_\_\_\_ the level of \_\_\_\_\_ in a body, \_\_\_\_\_ or \_\_\_\_\_ plant.
- Less \_\_\_\_\_ means the specimen is \_\_\_\_\_, as \_\_\_\_\_ things are constantly \_\_\_\_\_ carbon by \_\_\_\_\_ and breathing.



### How tall was Ötzi ?

- He was about \_\_\_\_\_ kilogrammes and stood \_\_\_\_\_ cm tall.

### How old was Ötzi when he died ?

- Scientists looked at Ötzi's \_\_\_\_\_ and estimated his age of death to be around \_\_\_\_\_ because \_\_\_\_\_ alter with age, \_\_\_\_\_, and \_\_\_\_\_.

### What did Ötzi go through during his life?

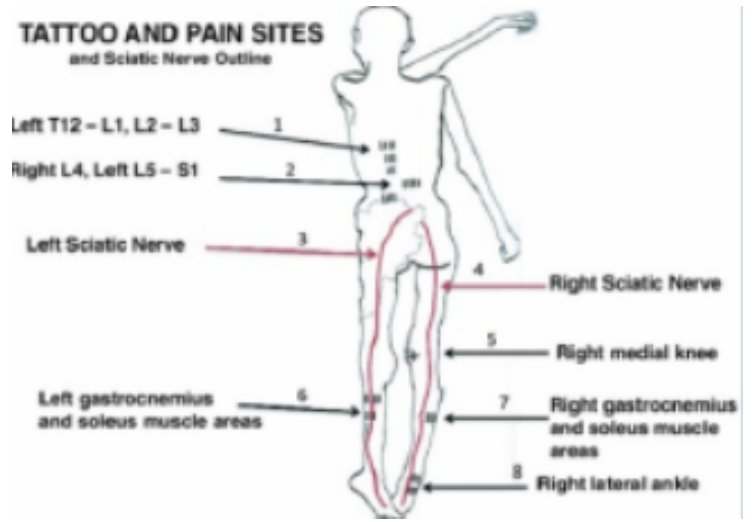
- During his life, Ötzi's \_\_\_\_\_, bones, and \_\_\_\_\_ were subjected to significant \_\_\_\_\_ and \_\_\_\_\_.
- \_\_\_\_\_ revealed that he had broken his \_\_\_\_\_ and \_\_\_\_\_, lacked \_\_\_\_\_ teeth, and had scarred \_\_\_\_\_.

### What was the state of Ötzi's body?

- Ötzi's body is covered with \_\_\_\_\_ tattoos made from \_\_\_\_\_ and \_\_\_\_\_.
- They're near worn \_\_\_\_\_ like his lower \_\_\_\_\_, \_\_\_\_\_, wrist, \_\_\_\_\_, and knees.

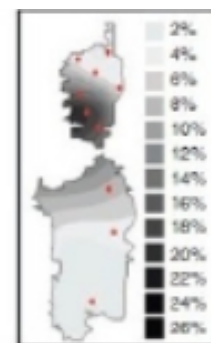
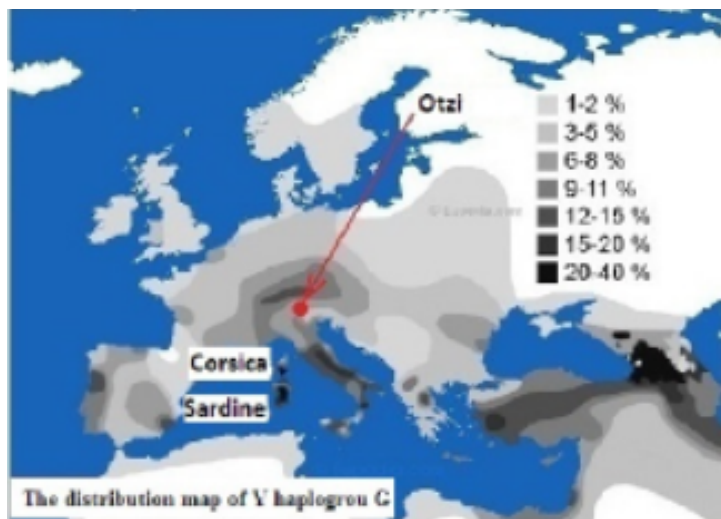
### What did Ötzi's tattoos mean?

- His tattoos are in \_\_\_\_\_ locations to where \_\_\_\_\_ is used now and many of these body areas would have \_\_\_\_\_ on them.
- Therefore, scientists believe that rather than trying to \_\_\_\_\_ his body, he was trying to \_\_\_\_\_.



### What is Ötzi the iceman ancestry ?

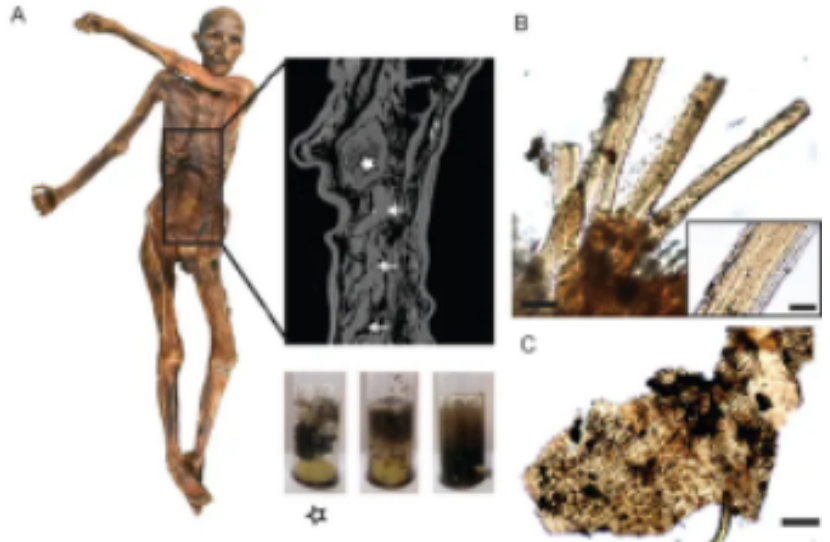
- Scientists were able to analyse Ötzi's \_\_\_\_\_, it revealed that his family had lived on the \_\_\_\_\_ of Sardinia and \_\_\_\_\_.
- We know this because these \_\_\_\_\_ had been \_\_\_\_\_ for a long time and had particularly \_\_\_\_\_ genes.



Descendants of iceman's close relatives concentrated in France's Corsica island and Italy's Sardinia island. (The red dots are areas where DNA samples were collected)

### What was Ötzi's diet?

- \_\_\_\_\_ was discovered in Ötzi's lungs, most likely from \_\_\_\_\_ smoke from open \_\_\_\_\_, according to scientists who examined his \_\_\_\_\_.



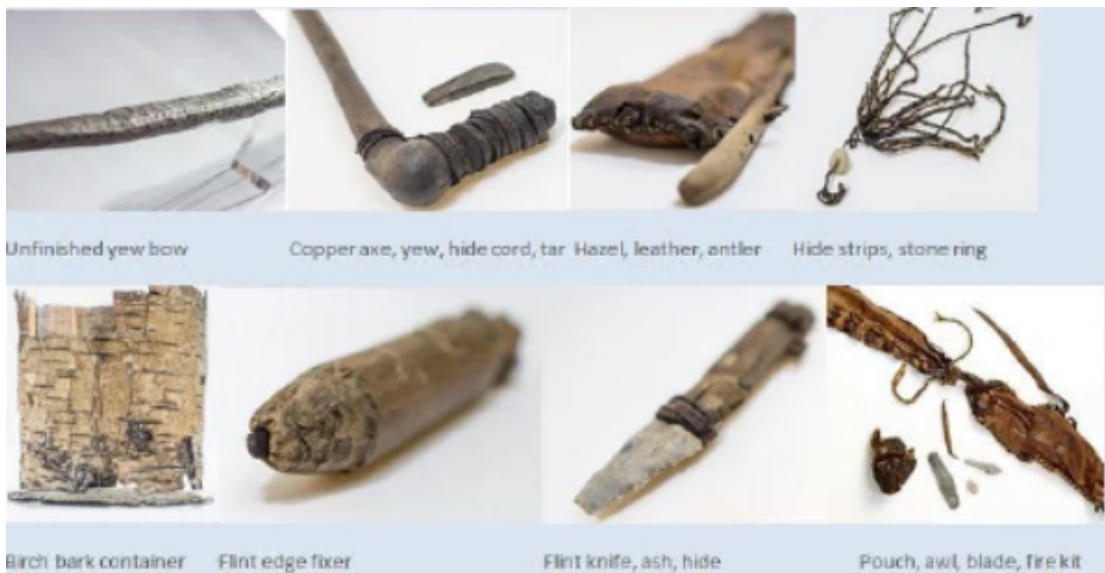
- An analysis of Ötzi's \_\_\_\_\_ revealed his last diet, traces of red \_\_\_\_\_ and ibex \_\_\_\_\_, ancient \_\_\_\_\_ and plenty of ibex \_\_\_\_\_.

### What was the ice man wearing 5,300 years ago?

- Scientists reveal Ötzi \_\_\_\_\_ sheep and \_\_\_\_\_ coat and a luxurious \_\_\_\_\_ hat.
- His quiver was made from a \_\_\_\_\_ and his \_\_\_\_\_ from goat hide.
- They were made in several \_\_\_\_\_ and \_\_\_\_\_ together with grasses and \_\_\_\_\_ to keep the \_\_\_\_\_ out.

## What about Ötzi's weapons?

- In a \_\_\_\_\_ backpack, Ötzi carried an \_\_\_\_\_, bow and \_\_\_\_\_, dagger, and \_\_\_\_\_ sharpener.
- Apart from the \_\_\_\_\_, all of his belongings were made of \_\_\_\_\_ materials.
- Such as branches, \_\_\_\_\_, flint, \_\_\_\_\_, and \_\_\_\_\_.
- His axe was made of \_\_\_\_\_, a new and extremely \_\_\_\_\_ material at the time. This suggests that Ötzi had a \_\_\_\_\_ status in his \_\_\_\_\_.



## What did Ötzi look like?

- Scientists learned so much about his \_\_\_\_\_ and \_\_\_\_\_ that they were able to build a \_\_\_\_\_ of how he would have \_\_\_\_\_.
- They said, he had \_\_\_\_\_, medium-long \_\_\_\_\_, probably had a \_\_\_\_\_, had \_\_\_\_\_ eyes.

