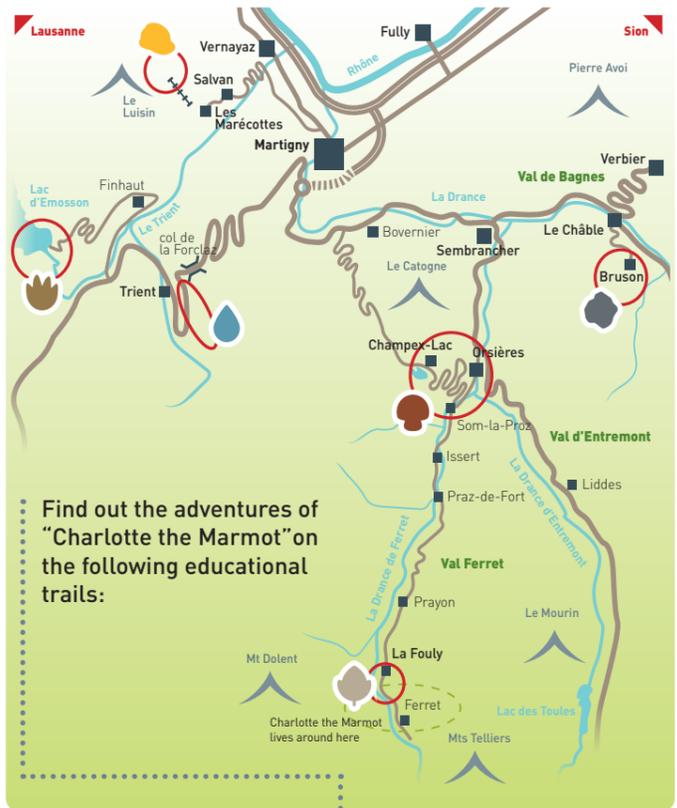


# My adventures with Charlotte



Find out the adventures of "Charlotte the Marmot" on the following educational trails:

-  **Charlotte à La Fouly**  
(Champex-Lac - Orsières)
-  **Charlotte à La Creusaz**  
(Les Marécottes)
-  **Charlotte à Emosson**  
(Finhaut)
-  **Charlotte sur le bisse du Trient**  
(La Forclaz)
-  **Charlotte sur le chemin de la mine**  
(Mayens de Bruson)

Get your trail passport, which will allow you to validate your route and win a prize once you have completed 4 Charlotte trails.



All the information about the different trails: [www.charlottelamarmotte.ch](http://www.charlottelamarmotte.ch)

# Charlotte the Marmot on the mine pathway



**Spring is coming. The sunshine is more evident and the temperature increases.**

In the den of Charlotte, marmots get ready to go out, after having remained in the straw during all the winter. It is time to clean and to straighten up the den, with impatience to breathe some fresh air. In a corner within the den, Charlotte feels across her fur a cool airflow both enjoyable and troubling. How is it possible? By coming near the wall, she finds a little hole wherethrough the air seeps. She starts to scratch the earth with her claws and to widen the hole. After a long and hard work, she has dug a wide opening by which she rushes in. She finds herself in a very close and long earthy passage, consolidated by some beams. Would it be a shelter of a giant beast or the creation of an evil spirit? Charlotte is a little bit scared, but her adventuring instinct is stronger than anything. Defying her fear, she goes deeper in the gloomy gallery. On guard and on the lookout for any noise, she

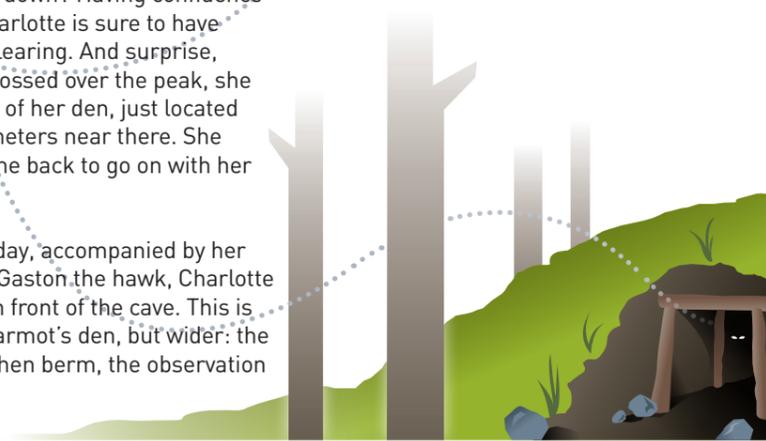
covers a large distance without noticing anything special. After having walked for two hours and having gotten lost in a real maze, Charlotte finds the way out and the fresh air. Nobody lives there: neither giant beasts nor evil monsters. Hopefully!

However, the most important thing now is to find again the den that she left for too long. All the family probably is worried! Which way to go? On the right, on the left, up, down? Having confidence in her flair, Charlotte is sure to have come near a clearing. And surprise, once having crossed over the peak, she finds the entry of her den, just located few hundred meters near there. She may easily come back to go on with her inspection.

The following day, accompanied by her faithful friend Gaston the hawk, Charlotte finds herself in front of the cave. This is similar to a marmot's den, but wider: the entry, the earthen berm, the observation

post, also some holes around to deceive the enemy... Charlotte does not think to move house in these such wide galleries, but she says these galleries could be an awesome playground for her family...

With Charlotte, the adventure is almost close at hand!



# Charlotte's friends

**Charlotte's creators**  
**Concept:** Marlène Hiroz et Jean-Charles Fellay, CREPA  
**Coordination:** Séraphine Mettan, CREPA  
**Publisher:** CREPA, Sembrancher  
**Graphic design:** Marc Fontaine, Lausanne

**with the valuable collaboration of:**  
 Yann Decorzant, CREPA  
 Benoît Schmid, illustrateur, Lausanne  
 Dransenergie, Orsières  
 Menuiserie Vaudan, Bruson  
 Publibagnes, Verbier  
 Imprimerie du Bourg, Martigny  
 Office du tourisme du val de Bagnes  
 Raclett' House Chez Eddy, Bruson



# The adventures of



[www.charlottelamarmotte.ch](http://www.charlottelamarmotte.ch)

# How to go on an adventure...

« Charlotte the Marmot » is glad to lead you on the mine pathway of Peiloz. You will discover a place that aroused many yearnings a few centuries ago. By traversing this pathway, you will discover why! Before starting, read the story of Charlotte in this leaflet and you will have already some hints.

The pathway has **10** places and it includes some questions or games. Some of them will appeal to your reflection, others will appeal to your skills of observation or skills of deduction, many more to your personal abilities. The locations are indicated on the aerial photos within the leaflet.

Please make you sure to have a pencil for writing your answers on the leaflet



At the end of the itinerary (place 10), please come back. To proofread your leaflet, you will find the answer sheet at the Raclett' House Chez Eddy in Bruson (look at the picture on the back).

So have a go and enjoy the discovery! Perhaps you will bump into Charlotte if you are lucky!

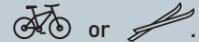
picture: CREPA

**START**



The Bruson's Mayen offer a wide range of activities that you can do every single season.

Above all, bring the marble to the starting point, in the locality called La Pasay. The game consists to get to the arrival by avoiding the holes. Until La Côt, you are free to choose the pathway you prefer:



Write down the attempts realised to get to the mine:

**1**

Along the path, find 5 metal frames (numbered from 1 to 5). Each of them gives value to one of these plants:

**2**



Sphagnum **U**



Jenever **R**



Petasite **D**



Vaccinium **C**



Red raspberry **A**



Fern **E**



Bilberry **I**

Indicate within each box the corresponding letter. Be careful, two intruders meddled in the game.

<input type="text"/>				
1	2	3	4	5

Plants are good indicators for the nature of the soil. The formed word indicates the place appraised by the blueberries and the cranberries.

**3**

Find in the following panorama the 4 details photographed.



2



1



0



3

By looking at the landscape from left to right, which detail (number) do you distinguish firstly? And then?

The answer shows you the date of the first exploitations of the Bagnes's mines.

**4**

Which one of these 3 pipes (**A, B** ou **C**) points at the Bruson's mines?

**5**

Help Marcel to find the material exploited in Bruson by following the 3 steps indicated on the drawings.



It is not lightweight.



It is not soft when you touch it.



It has a uniform colour.

After each step, mark the unsuitable box.

<input type="checkbox"/>	<input type="checkbox"/>
1	2
<input type="checkbox"/>	<input type="checkbox"/>
3	4

The mineral exploited in Bruson was \_\_\_\_\_

Match each rock with its employment with the help of the drawings on the panel:

- |                |              |
|----------------|--------------|
| Soapstone      | chandelier   |
| Tuff           | bollard      |
| Unrefined lead | window frame |
| Granite        | oven         |

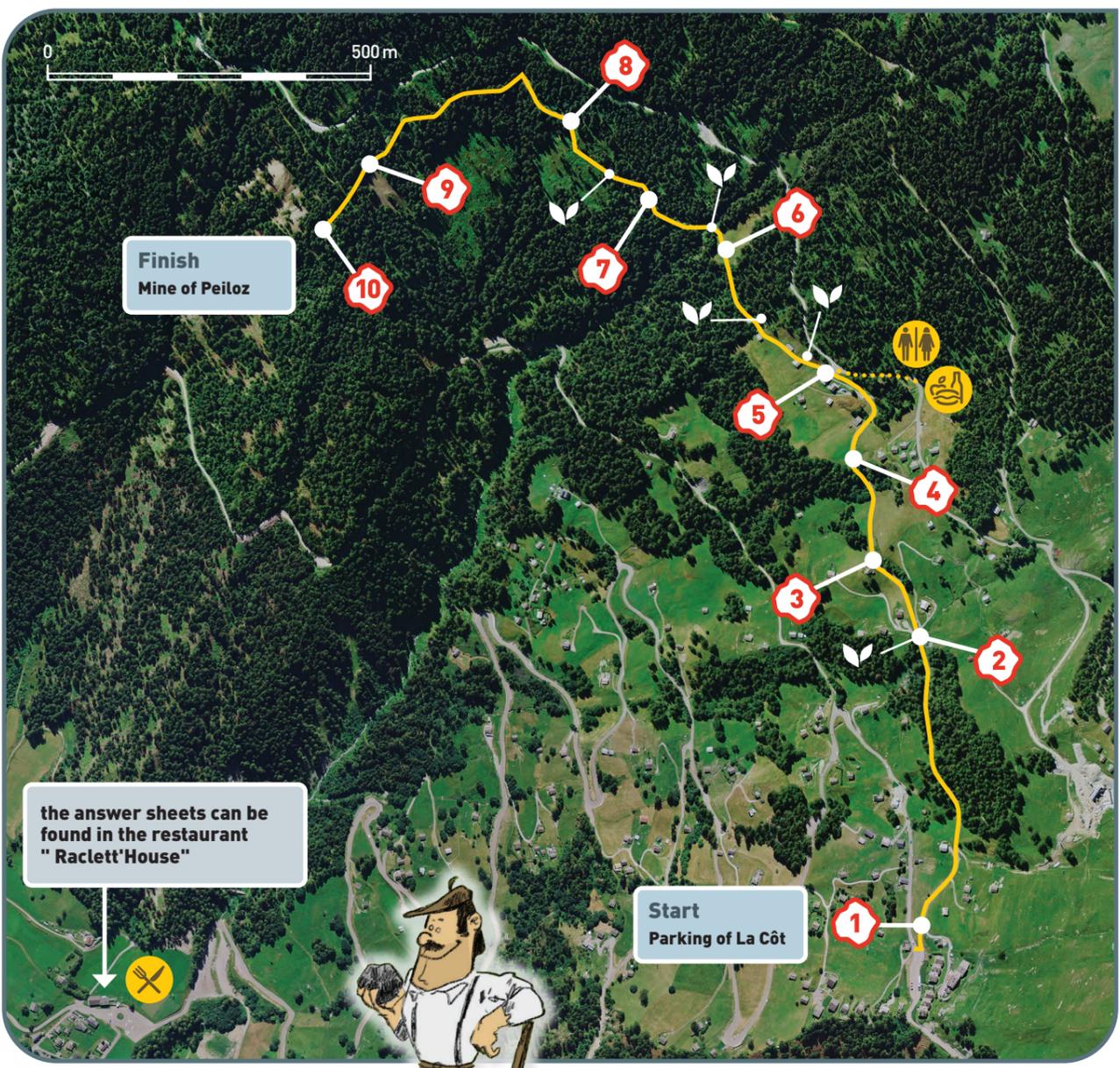


**6**

As you can probably observe in this clearing, the miners are not the only ones to dig under the ground; certain animals do the same thing:

the \_\_\_\_\_

On this imaginary framework, encircle the nouns that can be related to both the mine and the burrow of this animal. Then underline the nouns only related to the mine.



source: Swiss topo 581.000-583.000 / 99.500-101.500

the answer sheets can be found in the restaurant "Raclett'House"

**FINISH**

**10**

Among the sighting tubes, which one shows the probable location of the new foundry (in the 17<sup>th</sup> century)?

On the illustrated panel, choose the right movable pieces to reconstruct in a plausible way the mines of Bruson during their exploitation.

- Then, to verify your answers, take a picture of the panel.
- Before going, do not forget to "cover the tracks" for the following player.

**9**

To answer the questions, find the 5 clues/images distributed around the mine's entry. Answer true or false by encircling the corresponding letter.

- |   | True                     | False                    |
|---|--------------------------|--------------------------|
| Workers brought a helmet.   | <input type="checkbox"/> | <input type="checkbox"/> |
| To break the rock, they used a mass and a tip.  | <input type="checkbox"/> | <input type="checkbox"/> |
| Some animals pulled several trolleys out of the mine.   | <input type="checkbox"/> | <input type="checkbox"/> |
| The sledges pulled by a bunch of mules were necessary to transport the minerals to the foundry. | <input type="checkbox"/> | <input type="checkbox"/> |
| To find the silver, the rock was melted at very high temperatures.                              | <input type="checkbox"/> | <input type="checkbox"/> |

You are on a heap of materials come out from the mines (the excavation you have observed in place number 4):

What is its specific name? You will find out it by reading the answers from the top to the bottom:



How old was the tree at the time of its cut: 20, 30 or 40 years old? Be careful, the tree took 5 years to form the coloured circle.

**8**

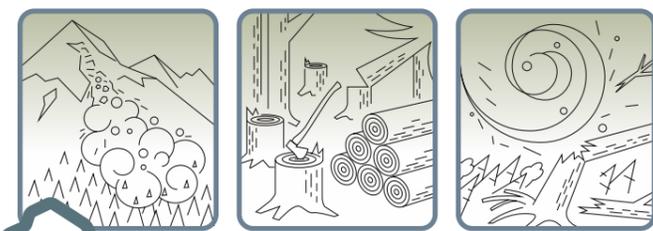


Find which box corresponds to the indication here below, and specify its number:

- One of my twigs dried out.
- I was isolated, I had room to grow.
- My sap circulates in this part.
- My fractures are caused by my old age.
- I was bumped by a rock.



Which growth ring (**A, B, C** ou **D**) corresponds to the year 1883, the date of the last request for the exploitation of the Bruson's mines?



**7**

However, the minors no longer overexploit the forest as in the past. In 1999, which event could cause this gap in the forest? An avalanche, a woodsman chopping down trees, a hurricane?

Encircle the right answer by observing the state of the trees.