

Discovering the Haut Chitelet High Altitude Garden

(age 5-7)

Edelweiss, *Leontopodium nivale* subsp. *alpinum* (Alpine and Asian sectors)

This is the best known of the mountain plants. It grows between 1500 and 3000 m above sea level. It is well represented in the Alps, but many other species can also be found in the mountains of Asia.

Pyrenean lily, *Lilium pyrenaicum* (Pyrenees sector)

This is a beautiful yellow lily that is well represented in the Jardin du Chitelet. It is very similar to its pink cousin the Martagon lily, which you can see walking in the Vosges mountains or along the paths near the Hohneck.

Round-leaved sundew, *Drosera rotundifolia* (planter at the entrance to the garden and stone trough)

This is a small plant that grows in bogs. Its leaves are round and covered with glandular hairs which it uses to attract and capture the insects it feeds on to survive. It is a carnivorous plant.

Yellow gentian, *Gentiana lutea* (Vosges area)

This is the largest of the gentians. It can be found in the grasslands of many European mountains. It is a medicinal plant with digestive properties. Its roots are used to make aperitifs.

Game 4

The beech forest: the fox towards the beech tree in the middle of the picture and the hazelnuts towards the squirrel at the bottom right of the picture.

The rockery: the rabbit behind the rock in the top left of the picture and the mouse on the plants in the bottom right of the picture.

The bog: the fox prints on the pontoon at the bottom of the picture and the mushrooms in the grass next to the pontoon on the right of the picture.

The high stubble fields: the daffodils between the chamois at the bottom left of the picture and the hot air balloon in the sky at the top of the picture.

Game 5

Swamp Silene, *Silene vulgaris*

This is a very common plant in lawns and along paths. It is sometimes called "firecracker" because when you hit its flowers with the back of your hand, it makes a clacking sound.

Alliaria leaf adenostyles, *Adenostyles alliariae*

This very tall plant can grow up to 1.5 m high, but it is in the same family as the small daisies. It grows in damp, cool places. On its large, round leaves you can often see a beautiful little green beetle, the lacewing. This insect feeds on the leaves in the same way the Colorado beetle feeds on potatoes.

Spruce, *Picea abies*

In the Vosges, you can find spruce and fir trees. Here are some clues to help you distinguish between the two species:

Spruce	Fir
-Round, prickly needles arranged around the twigs -Hanging fruits	-Flat, white needles on the underside, arranged like a comb on the twigs -Erect fruits

The spruce tree is a lighter green than the fir, which is very dark. As a Christmas decoration, the spruce loses its needles when cut and dried, whereas the fir keeps its needles even when dried. Spruce branches appear to hang down around the trunk, whereas fir branches are more upright.

Black smartweed, *Polygonum bistorta*

Keep an eye out when strolling on the ridges, there are a lot of them in the meadows around the Hohneck. In the Vosges the plant is called ‘toothbrush’ because of the shape of its flower. Its dark red root can be used against mouth infections.

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(age 8-12)

Game 1

- A. Answer 3: the deer.
- B. Answer 2: the roe deer.
- C. Answer 1 : the chamois.

Game 2

A. Spruce, *Picea abies*

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B. Swamp Silene, *Silene vulgaris*

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C. Black smartweed, *Polygonum bistorta*

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D. Alliaria leaf adenostyles, *Adenostyles alliariae*

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Game 3 Discovering the garden

HORIZONTAL	VERTICAL
3. Himalaya 5. Vologne 6. Brunotte 8. Granite 9. Pine	1. Chitelet 2. Chamois 4. Beech 7. Rockery

Game 4

- A. Blueberry.
- B. Pineapple.
- C. Kiwi fruit.
- D. Raspberry.

Kiwis and pineapples do not grow in the garden.

Game 5

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Game 6 Life in the bog

HORIZONTAL	VERTICAL
2. Birch 3. Pontoon 6. Brimbelle 8. Drosera	1. Carnivorous 4. Peat 5. Frog 7. Dragonfly

Game 7

- A. The fox.
- B. The weasel.
- C. The hare.
- D. The squirrel.

Game 8

A. Yellow gentian, *Gentiana lutea* : Vosges sector

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B. Round-leaved sundew, *Drosera rotundifolia*: planter at the entrance to the garden and stone trough

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