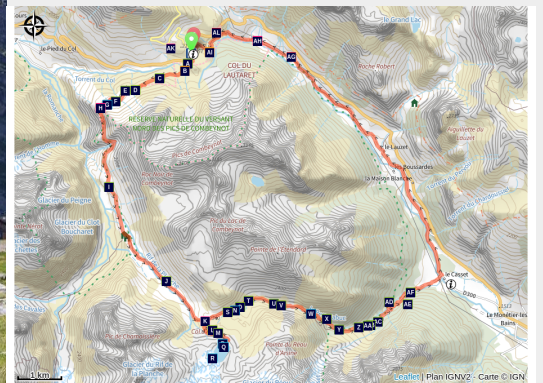


Tour of the Combeynot Peaks in three days

Briançonnais - Villar-d'Arêne



Arrivée au refuge de l'Alpe de Villar d'Arêne (© Parc national des Ecrins - Thibaut Blais)



This Tour of the Combeynot Peaks is a 3-day ramble that is ideal for families wishing to combine the natural diversity of the surroundings with the cultural aspect of the area during their stay.

How fascinating it is to observe the marked contrast in the landscapes of the Briançon area in such a short time! Water is everywhere and has helped to create this landscape diversity. It can be viewed in its slowest moving form with the Roche Faurio glacier, and at its swiftest with the Romanche and Guisane water courses. In addition, architectural elements punctuate the trail, plunging the walker into the history of the hamlets of Le Monetier.

Useful information

Practice : By walk

Duration : 3 days

Length : 29.4 km

Trek ascent : 1072 m

Difficulty : Medium



Type : Multi-day trekking

Themes : Flora, History and architecture, Lake and glacier

Trek

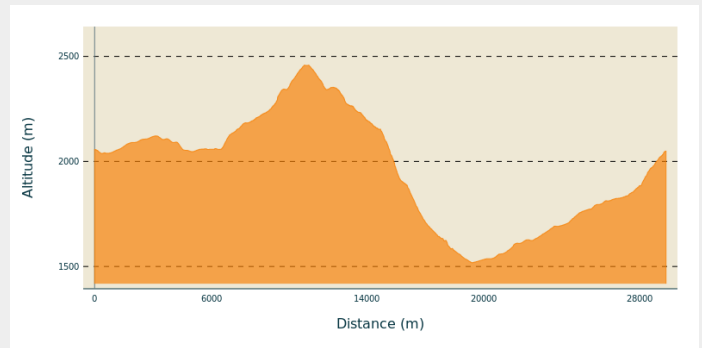
Departure : Col du Lautaret

Arrival : Col du Lautaret

Markings :  PR  GR

Cities : 1. Villar-d'Arène
2. Le Monêtier-les-Bains

Altimetric profile



Min elevation 1519 m Max elevation 2459 m

The Tour starts at the Col du Lautaret and quickly joins the Sentier des Crevasses taking hikers along the mountain side above the Romanche valley until they reach the L'Alpe de Villar refuges. The route then enters a small valley, following the Romanche up to its source.

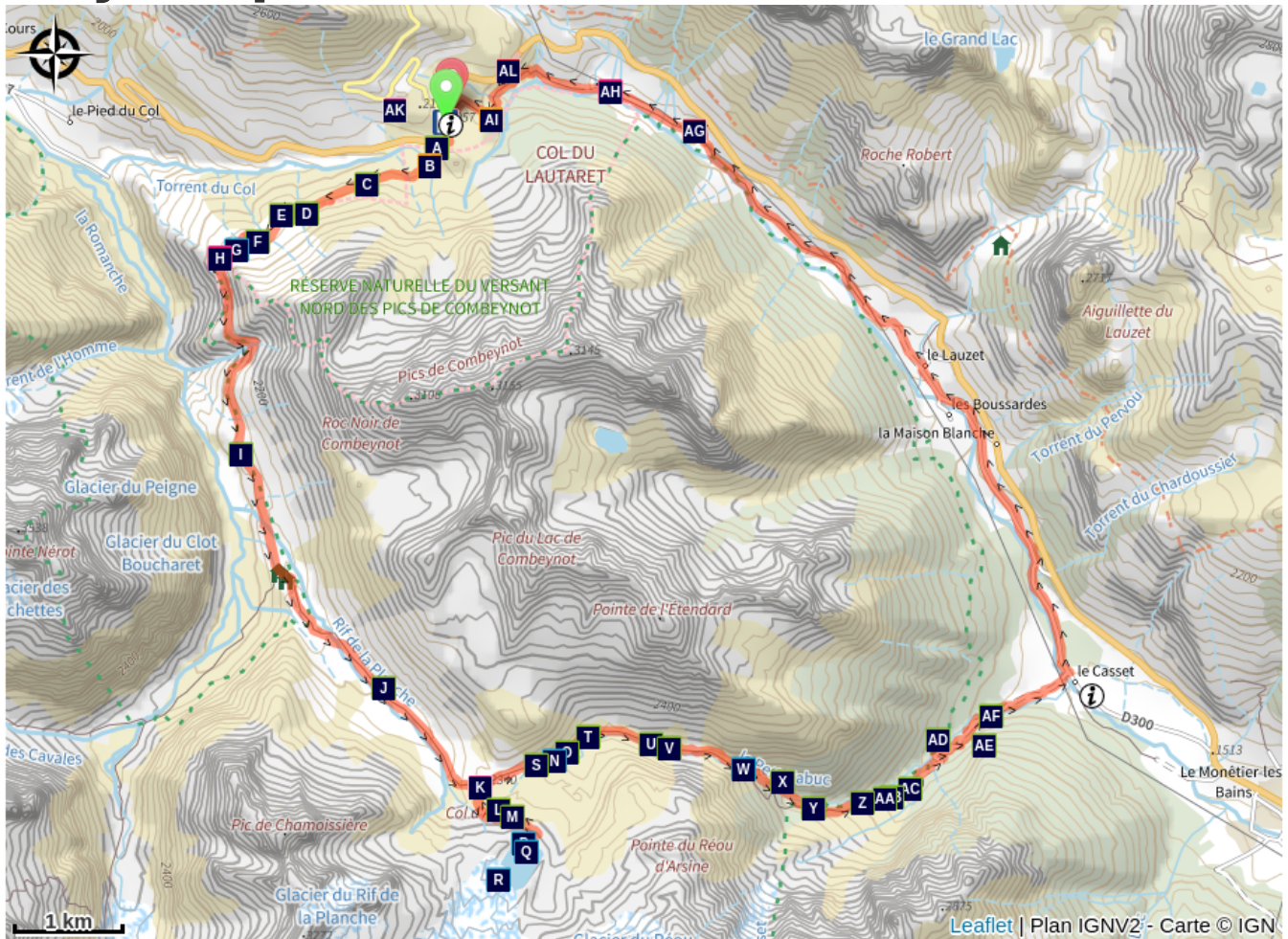
For the second stage, make your way uphill from the Plan de l'Alpe refuges and cross several water courses before you reach the Col d'Arsine, where it is possible to get to the lakes formed by the glaciers of the same name. At this point, the backdrop is a high mountain landscape. The trail then leads over into the Guisane valley, in a long descent down to the village of Le Casset which is the end of the stage.

On the last day, the ancient track follows the Guisane, passing through various hamlets, in particular Le Lauzet. From here, the route follows the GR®50 as far as the Col du Lautaret.

Stages :


1. From Col du Lautaret to Alpe du Villar-d'Arène
6.3 km / 117 m D+ / 2 h
2. From Alpe du Villar-d'Arène to Le Casset
12.9 km / 416 m D+ / 4 h 30
3. Du Casset au col du Lautaret
10.8 km / 560 m D+ / 4 h

On your path...



- | | |
|--|---|
|  Hierochloa odorata (AA) |  Dismantled ski-lifts (AB) |
|  Alder forest and green alders (AC) |  La mégaphorbiaie (AD) |
|  Turk's cap lily (AE) |  Black Grouse (AF) |
|  View over La Meije (AG) |  Belvedere de l'homme (AH) |
|  The marmots' "bosse" (AI) |  Felwort (AJ) |
|  Arsine pass (AK) |  Arctic rush (AL) |
|  Rock ptarmigan (AM) |  Moraines (AN) |
|  Aquatic diet (AO) |  Ice calving (AP) |
|  The melting Arsine glacier (AQ) |  Arsine Glacier (AR) |
|  Skylark (AS) |  Grey wagtail (AT) |
|  Butterflies and moths (AU) |  Moorland clouded yellow (AV) |
|  Water colour in the meanders (AW) |  Alpine citril finch (AX) |
|  Ring ouzel (AY) |  Larch (AZ) |
|  A flying predator (BA) |  Golden eagle, the Ecrins' mascot (BB) |
|  Golden eagle (BC) |  Chamois (BD) |
|  White-throated dipper (BE) |  European badger (BF) |
|  Madeleine Hospice (BG) |  View over the Pic de Rochebrune (BH) |

 Le Massif de Combeynot, W.
Brockedon (BI)

 The tuffaceous ground of the Col
du Lautaret (BK)

 The Col du Lautaret climate (BJ)

 Marionnaise snow fence (BL)

All useful information

i Herd protection dogs

In mountain pastures, protection dogs are there to protect the herds from predators (wolves, etc.).

When I hike I adapt my behavior by going around the herd and pausing for the dog to identify me.

Find out more about the actions to adopt with the article "[Protection dogs: a context and actions to adopt](#)".

Tell us about your meeting by answering this [survey](#).



! Advices

How to come ?

Transports

PACA Regional Express line - Line 3: Serre-Chevalier - Briançon - Grenoble
Consult the timetable on the website: <https://www.info-ler.fr/index.php>

Access

From Briançon, take the D1091 following signs towards Grenoble. Pass through Monétier-les-Bains and continue straight on until you reach the Col du Lautaret.

From Grenoble, take the D1091 following signs for Bourg d'Oisans; then carry on towards La Grave and climb up to the Col du Lautaret. Note that if the Chambon tunnel is closed, you will have to take the relief road.

Advised parking

Col du Lautaret

Environmental sensitive areas

Along your trek, you will go through sensitive areas related to the presence of a specific species or environment. In these areas, an appropriate behaviour allows to contribute to their preservation. For detailed information, specific forms are accessible for each area.

Alpine ibex

Sensitivity period: June, July, August, September

Contact: Parc National des Écrins
Julien Charron
julien.charron@ecrins-parcnational.fr

Zone de présence du Bouquetin des Alpes

En période de mise bas et d'élevage des jeunes (juin à septembre) les bouquetins peuvent être très sensibles au dérangement notamment en cas de survol à basse altitude. Dans leur fuite les risques d'accidents sont multipliés. Merci de rester à bonne distance et d'éviter le survol de la zone à moins de 300m sol soit moins de 2430m d'altitude.

Attention en zone cœur du Parc National des Écrins une réglementation spécifique aux sports de nature s'applique : <https://www.ecrins-parcnational.fr/thematique/sports-de-nature>

Golden eagle

Sensitivity period: January, February, March, April, May, June, July, August

Contact: Parc National des Écrins
Julien Charron
julien.charron@ecrins-parcnational.fr

Nidification de l'Aigle royal

Les pratiques qui peuvent avoir une interaction avec l'Aigle royal en période de nidification sont principalement le vol libre et les pratiques verticales ou en falaise, comme l'escalade ou l'alpinisme. Merci d'éviter cette zone et de privilégier un survol de la zone à une distance de survol de 300m sol soit à une altitude minimale de 2350m.

Golden eagle

Sensitivity period: January, February, March, April, May, June, July, August

Contact: Parc National des Écrins
Julien Charron
julien.charron@ecrins-parcnational.fr

Nidification de l'Aigle royal

Les pratiques qui peuvent avoir une interaction avec l'Aigle royal en période de nidification sont principalement le vol libre et les pratiques verticales ou en falaise, comme l'escalade ou l'alpinisme. Merci d'éviter cette zone et de privilégier un survol

de la zone à une distance de survol de 300m sol soit à une altitude minimale de 2610m.

Peregrine falcon

Sensitivity period: February, March, April, May, June

Contact: Parc National des Écrins
Julien Charron
julien.charron@ecrins-parcnational.fr

Nidification du Faucon pèlerin.

Les pratiques qui peuvent avoir une interaction avec le Faucon pèlerin en période de nidification sont principalement le vol libre et les pratiques verticales ou en falaise, comme l'escalade ou l'alpinisme. Merci d'éviter cette zone !

En cas de survol merci de rester au-dessus de 2500m d'altitude à une distance de 300m sol.

***i* Information desks**

Information center "Col du Lautaret" (summer only)

Col du Lautaret, 05220 Le Monétier-les-bains

brianconnais@ecrins-parcnational.fr
Tel : 04 92 24 49 74
<http://www.ecrins-parcnational.fr/>



Information center "le Casset" (summer only)

Le Casset, 05220 Le Monétier-les-bains

brianconnais@ecrins-parcnational.fr
Tel : 04 92 24 53 27
<http://www.ecrins-parcnational.fr/>



Maison du Parc du Briançonnais

Place Médecin-Général Blanchard, 05100 Briançon

brianconnais@ecrins-parcnational.fr
Tel : 04 92 21 08 49
<http://www.ecrins-parcnational.fr/>



Source



Parc national des Ecrins

<https://www.ecrins-parcnational.fr>

On your path...



🌿 Hierochloa odorata (AA)

Also known as bison grass or sweet grass, this plant grows in wet grasslands and near fens. From its rootstock, it forms tufts between 60 and 70 cm high. Thanks to the coumarin inside it, it gives off a pleasant aroma, so that it is used to make distilled drinks. It is protected nationally and is also very rare in the Hautes-Alpes department.

Attribution : Bernard Nicollet - PNE



🚧 Dismantled ski-lifts (AB)

A small ski resort was created in 1970 not far from the Lautaret mountain pass. Due to the risk of avalanches and new standards required, alpine skiing was moved near to the village of Villar d'Arène and Chazelet hamlet. The two obsolete ski-lifts situated in this very picturesque territory, rich in terms of biodiversity, ruin this place which has been classified since 1974 as the national nature reserve of Combeynot. In 2013, dismantling was carried out by the Mixed union of ski-resorts in the Haute Romanche with the support of the National Park. In the end more than 35 tons of iron and concrete blocks were evacuated.

Attribution : Eric Vannard - PNE



✿ Alder forest and green alders (AC)

Here is a spectacular transition from the genuine forest and pastures of the north facing slopes. There is a thick grouping of shrubs made up essentially of willows and green alders. These will never reach the size of a tree. They constitute impenetrable thickets where, over time, boars, chamois and roe deer have outlined a maze to hide in. The plants provide nitrogen through their roots and fertilise the soil, as if getting their own back on the eutrophic tall herbs.

Attribution : Bernard Nicollet - PNE



✿ La mégaphorbiaie (AD)

Transition zone at the upper edge of the forest, it has large plants with big leaves that seek light in order to grow. Under cover of their leaves, some animals and plants find a safe haven, particularly alternate-leaved golden saxifrage and adenostyles alpina. On the east part of the Ecrins massif, eutrophic tall herbs can be found at the edge of streams and brooks. Just after snowmelt, it raises its golden head and constitutes a lovely carpet of flowers.

Attribution : Bernard Nicollet - Parc national des Ecrins



✿ Turk's cap lily (AE)

The Turk's cap lily lodges on the grassy slopes, meadows and undergrowth. It can be seen from a distance due to its long upright flowering stalk from which stem three to ten majestic flowers. They are large, purple-pink with some crimson, and have six petals that turn upwards when they reach maturity. Six orange stamens are then visible. The flowers that bend downwards lift when the fruit is formed.

Attribution : Pierrick Navizet - Parc national des Ecrins



🐓 Black Grouse (AF)

The black grouse lives above 1200 m, and can only be found in the Alps. It is possible to spot the male due to its black plumage and its tail in the shape of a lyre (which is why its French name is Tétrás Lyre). While it spends most of the time in winter in an igloo scooped out of the snow as protection against the cold, in the spring it performs spectacular parades to attract a female. The National park is tracking the population of the species in this zone.

Attribution : Robert Chevalier - Parc national des Ecrins



View over La Meije (AG)

La Meije is the second major peak in the Massif des Ecrins. It is made up of 3 main peaks: the Doigt de Dieu (3,973 m), La Meije Orientale (3,891m), and the highest summit, the Grand Pic at 3,983 m. It is a hard summit to climb, and the first to do so, on 16 August 1877, was Emmanuel Boileau de Castelnau, together with the famous local guide, Pierre Gaspard. "Meije" comes from the Occitan word Meidjo, which means midday, because when seen from the village of La Grave, the sun passes above the summit at around noon. On the other side, before La Meije became famous, it was called the Bec des Peignes ("Comb Beak") by the inhabitants of Saint-Christophe-en-Oisans.

Attribution : © Parc national des Écrins - Pascal Saulay



Belvedere de l'homme (AH)

A wooden guardrail is set up at the ideal spot for contemplating the descending glaciers of La Meije. The Lautaret glacier to the left and the Glacier de l'Homme to the right scarcely meet today. The last-named glacier is the descending ski slope from the Pic Oriental of La Meije and from the Aigle refuge (to be seen if you continue along the path towards the Rocher Blanc). The refuge is perched at an altitude of 3,450 m on a rocky spur. A new refuge was opened in 2014, preserving an existing wooden structure that dated from 1910.

Attribution : © Parc national des Écrins - Cyril Coursier



The marmots' "bosse" (AI)

The alpine marmot is naturally present on grass at altitude. Here, it occupies a singular place which we call the marmots' "bosse». This hibernating rodent is only visible between April and October. The marmot lives in a family and respects a hierarchy. Games, grooming, fighting and biting ensure the dominance of a couple as well as the cohesion of the group. Each animal participates in the delimitation of the territory by rubbing its cheeks on rocks and also by urinating and defecating there. When there is danger, the marmot emits a high and powerful whistle in order to warn the others.

Attribution : PNE - Coursier Cyril



Felwort (AJ)

In early August, the felwort's violet stars open in the sunshine. At the base of each of its five petals, two shiny pits full of nectar attract insects. A member of the gentian family, this beautiful flower is a perennial that survives the cold season with its persistent winter bud close to the ground, surrounded by a rosette of protecting leaves.

Attribution : Bernard Nicollet - PNE



Arsine pass (AK)

The Arsine pass, is an important crossing point to visit on the GR54 Tour des Ecrins et de l'Oisans. It gives a remarkable viewpoint over the Angeaux massif. The pass is part of an old itinerary that was used instead of the crossing point by the Lautaret pass. It is also a crossing point between the Guisane and the Romanche area. This is an area that was mentioned as early as the Middle Ages as a place of conflict between the districts of Villar d'Arène and Monétier-les-Bains.

Attribution : Cyril Coursier - PNE



Arctic rush (AL)

Even though it is relatively common in some acidic marshland, the Arctic rush is nonetheless protected throughout the Rhône-Alpes and Provence-Alpes-Côte-d'Azur regions. It can be recognised because of its total absence of leaves and by the few blackish flowers in the upper third of the stalk. The flower tepals open at an obtuse angle and are a little shorter than the capsule.

Attribution : Christophe Albert - PNE



Rock ptarmigan (AM)

At five in the morning in the month of May, at an altitude of over 2,000 m, the sun rises over the fields of blueberry, which appear above the patches of snow. All of a sudden, a hoarse, almost metallic cry cuts through the peaceful dawn atmosphere: the rock ptarmigan is in the midst of its nuptial parade. Originating from the Arctic tundra, the rock ptarmigan, sometimes called the snow partridge, was to be found all over Europe during the ice ages, before its living space was limited to the mountains. Even today, it finds the conditions it needs to survive. The national Alpine parks have a great responsibility in conserving this species. The inventory carried out by the Haute-Romanche nature unit in 2005 showed there was a large core group of birds on the site.

Attribution : PNE - Combrisson Damien



Moraines (AN)

The site of Arsine offers a complex moraine environment with a parade of ice margin flowers. The frontal moraine of the Arsine glacier is on a glacial vegetated rock complex that occupies about forty hectares at the bottom of the cirque. This complex is likely to have come about through a shifting of abandoned glacial deposits after permafrost was established. This means that the ground maintains a temperature of 0°C or less over several years. This phenomenon is likely to have taken place during the recent Dryas climatic cooling, that is to say 11 000 – 10 000 years BC.

Attribution : PNE - Nicollet Bernard



Aquatic diet (AO)

The grey wagtail is "hyperactive" and has a diet of flies, mosquitoes, dragonflies and all sorts of aquatic insect larvae. It hunts at the edge of the water, by jumping from stone to stone or hovers to catch its prey. It sometimes fishes for shellfish, molluscs, or even small fish to complete its meals. It does not leave the damp banks to build its nest either, and even looks for somewhere close to a waterfall or to flowing river.

Attribution : PNE - Combrisson Damien



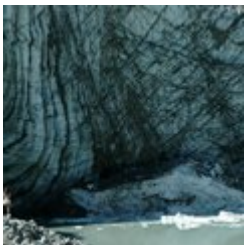
❄️ Ice calving (AP)

When the lake is frozen and the air temperature rises, the ice expands, provoking what is called the “song of the lake”. The Lac Ouest is the last lake in the mountain range where it is still possible to see the fall of seracs (the front of the glacier) into the water, giving rise to this muffled noise.

Attribution : PNE - Masclaux Pierre

❄️ The melting Arsine glacier (AQ)

Lake Arsine came to life in the 1950s after the Arsine glacier melted. Due to its rapid development, it was measured more accurately in 1969 and 1985, showing 800,000 m³ of water contained in a moraine that had been weakened by the ice inside it. Since it threatened to break, emergency work was undertaken the following spring to stop the rise in the level of the lake using a regulation channel dug across the frontal moraine. Almost 30 years later, the glacier site is still carefully monitored by Park employees. And the risk is now completely ruled out.



🌊 Arsine Glacier (AR)

The Arsine glacier is contained in the hollow of a vast corrie facing north, encircled by high walls reaching an altitude of between 3,200 and 3,600 metres. This is a glacier that is mostly hidden, with the front, currently at an altitude of about 2,470 m, behind lakes. The lakes are held back by an impressive series of old moraines, formed during the Little Ice Age (between about 1550 and 1850). Due to its size and preserved state, the old moraines of Arsine are an exception in the western Alps. Usually such morainic fronts are found in small, high-altitude glaciers, resulting water running too weakly to sweep away the accumulation of pre-glacier deposits (for example, the Réou d’Arsine glacier). The melting and shrinking of the Arsine glacier posed problems in the 1980s concerning water retention and therefore safety. RTM teams carried out work to lower the level of the lakes, the size of which raised fears of a break in the moraine with the risk of flooding the village of Le Casset.

Attribution : PNE - Masclaux Pierre



Skylark (AS)

This bird is like a tightrope walker suspended in the sky, sounding out a long chorus of notes. Then, triangular wings back, and in a perfect spiral, the bird lands in the middle of the prairie. On the ground, it is difficult to see: its varying shades of brown means it is very well camouflaged. In its search for food, its movements, which are a succession of small sprints and sudden halts, enable it to spot possible predators.

Attribution : PNE - Saulay Pascal



Grey wagtail (AT)

The grey wagtail elegantly hops along the rocks at the riverside. They are found in mountain streams, but also near all waterways in the mountains, in the countryside or in towns, and even small high-altitude lakes. Like other wagtails, they continually wag their long black tails edged with white. They have yellow breasts like the western yellow wagtail, but their backs are ash grey. In the mating season, males proudly show off their black throats, making it easier to tell them apart from females, whose throats and breasts are partly white. Their pinkish claws are specific to the breed, since other wagtails' claws are black.

Attribution : PNE - Saulay Pascal



Butterflies and moths (AU)

Butterflies can be distinguished from moths by the shape of their antennae. You will also notice that when resting, the butterflies wings are vertically folded over the body for necessary discretion while the moth's cover them. The moorland clouded yellow butterfly has another unusual habit: as soon as it becomes too cold to fly, it settles and bends its side to the sun to absorb energy. It can even lean slightly, whereas others tend to fully, and dangerously spread themselves out.

Attribution : PNE - Warluzelle Olivier



Moorland clouded yellow (AV)

The heath surrounded by heather and willows is the home of a population of unusual and protected butterflies: the moorland cloud yellow. Elsewhere, it lives in different environments, such as blueberry heaths and peatland, where the moorland clouded yellow is rare and hard to spot. It can be recognised by its yellow display delicately sprinkled with grey under the rear wings of the male, while the female of the species has adopted almost purely white wings. They both wear a simple pink border highlighting the edge of their wings, with a tiny white ocellus (eye) encircled with brown and a discrete grey crescent.

Attribution : PNE - Delenatte Blandine



Water colour in the meanders (AW)

The turquoise colour of the water that meanders from the Petit Tabuc stream gives a special character to this remarkable site. The valley is popular among photographers and artists for its photographic and pictorial quality.

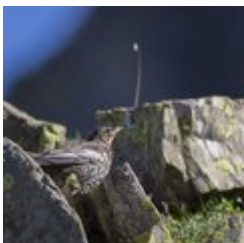
Attribution : PNE - Coursier Cyril



Alpine citril finch (AX)

A small green-yellow-grey bird sways on a tall branch. Chet! The Alpine citril finch flies off to land on a scrap of threadbare grass. It looks like a small greenfinch, but the strident cry it makes during its short flight clearly sets it apart. Its head and breast flanks are a pretty blue-grey colour. Its yellow wing stripes can be easily seen. When flying over longer distances, its undulating flight is reminiscent of a goldfinch's. And just like its cousin, the finch is sociable and moves about in small groups when exploring some sparse group of nettles or grass.

Attribution : PNE - Combrisson Damien



Ring ouzel (AY)

In the pastures covered with larch or 'bush", a cry of alarm followed the start of a song resounds. A blackbird? Yes, but more specifically a ring ouzel. This shy, swift mountain blackbird lives on the fringe of the larch, scots pine, spruce or Swiss pine forests between 1000 and 2500 m in altitude. The ring ouzel is a migratory bird that spends winter in Spain or North Africa before coming back to the mountains around March.

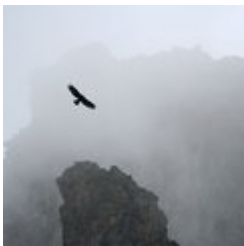
Attribution : PNE - Saulay Pascal



Larch (AZ)

The larch is the only European resinous tree to lose its needles in winter. Its wood is red-brown. It stands out in the landscape with its leaves ranging from a soft green colour in spring to gold in autumn. Its pink flowers attract naturalists and photographers in the spring. The larch tree is a coloniser of mountain slopes. Although it is at home in the harsh conditions of the mountainside, it cannot bear competition from other trees. The Petit Tabuc site is a fine example of its colonising capacity, even though it is regularly hit by avalanches.

Attribution : PNE - Chevalier Robert



A flying predator (BA)

The eagle is the archetypal predator. Everything about it suggests strength and daring. Its appearance, of course, with its impressive expression highlighted by the prominent brow ridge, but above all its fearsome weapons: rapid flight, which can be adapted to even the most acrobatic situations, and sharp, powerful talons. Its keen eyesight helps it detect its prey, from the marmot to the young chamois, ptarmigans and hares. In winter, it often takes its food from the dead bodies of animals, helping towards the natural cleansing of nature.

Attribution : PNE - Telmon Jean-Philippe



Golden eagle, the Ecrins' mascot (BB)

The Petit Tabuc site is ideal for the golden eagle to nest. The golden eagle is amongst the protected species that are considered rare in Europe. The size of the populations that have been registered in the Ecrins massif, bestow a strong responsibility on the Park for conservation of the species. Counting takes place regularly since 1985 along with monitoring of reproduction, causes of disturbance and mortality.

Attribution : PNE - Combrisson Damien



Golden eagle (BC)

Near the mountain slopes, in the warmest hours of the day, a large bird circles in the sky, making use of the wind to climb. Soon the brown silhouette disappears into the blue sky, hidden by the altitude. The eagle patrols its vast territory, and no detail escapes its legendary eyesight. It also spends long hours perched and still, cleaning its plumage or looking out for its next victim. Although it steers clear of man, it is still quite easy to spot a royal eagle alone or with its “other half”, since adults generally live in couples. Its large size, dark colour, rectangular wings and frequent flights across the sky make it almost a familiar sight for anyone who knows how to “watch” the mountains.

Attribution : PNE - Couloumy Christian



Chamois (BD)

Rupicapra rupicapra, the mountain goat was not at first solely a creature of the mountains. The species is more attached to rocky escarpments and steep slopes than high altitude. But strong human pressure on chamois made them withdraw ever higher. Coveted as a hunting target, they have found refuge here in the Ecrins National Park.

Attribution : Cyril Coursier - PNE



White-throated dipper (BE)

The mountain streams relinquish their secrets to an attentive hiker. The master of this little world is a small brown, red and grey bird with a short tail and a pure white breast, separated from the darker abdomen by a light brown stripe. We can often see it in the air, flying close to the water to snap up insects. The dipper owes its name to its eating habits to find water larva, it dips its head into the water and grips the riverbed to walk against the current.

Attribution : Damien Combrisson - PNE



European badger (BF)

You will often see a badger at nighttime on the edge of a path, a road or an embankment. The gentle pace and portly gait of this member of the mustelid family are reminiscent of a small bear you may get a glimpse of his black and the white stripes on his head before he hurries away. Worms, reptiles, frogs, fruit and plants are his staple diet. Families of badgers live in sometimes very extensive and very old burrows, with numerous chambers and galleries. They are tolerant animals, since they will sometimes share their home with rabbits and foxes. Badgers are among the unobtrusive neighbours whose presence goes undetected, except for their footprints made up of five nearly parallel toes and the tracks of their long claws.

Attribution : PNE - Fiat Denis

Madeleine Hospice (BG)

At an altitude of 1,810 m, below the present-day Col du Lautaret road, the Madeleine hospice helped travellers cross the pass in all weathers and provided pilgrims with a chance to rest on their way to Rome or the Holy Land. The foundation of the order of the Holy Penance in these buildings dates from 1228. There is a chapel on the site, and it is located on a former road from Briançon to Grenoble. An avalanche destroyed the Madeleine hospice in 1740, and the building was rebuilt, then abandoned, when the road to Lautaret was modernised.

View over the Pic de Rochebrune (BH)

The Guisane valley descends towards Briançon to the south-east. The view opens up in the distance towards the Massif du Queyras, with one of the summits clearly visible. The Pic de Rochebrune, at an altitude of 3,320 m, stands proudly above the Cervières valley, 10 km from Briançon and from the Guil valley in the Queyras region, linked by the Col de l'Izoard (2,361m). This enormous dolomite rock bastion is accessible to experienced hikers, since the last part is somewhat steep and you need to use your hands to climb up in places.

🕒 Le Massif de Combeynot, W. Brockedon (BI)

In the work by W. Brockedon, [*Illustrations of the Passes of the Alps*](#), published in 1828, one of the engravings illustrating the Col du Mont-Genèvre shows, according to the title: *Mont d'Arcines and the Val de Guisane from the Col du Lautaret* (p. 25). The view is described as follows: "Across a deep ravine, the River Guisane is seen tumbling down the mountains from its source in the distant glacier of Mont d'Arcines, and thence flowing on to the Durance, through the narrow valley which is bounded by rugged and pinnacled mountains ". On the previous page, it says that "Le Casset is near the foot of the Glacier de Lasciale, which descends from the Mont d'Arcines". So it is clear that Mont d'Arcines is the present-day Les Agneaux mountain, and the Lasciale glacier is the Casset glacier, which must have reached much lower down. However, Paul Guillemin thinks that this is the first printed depiction of La Meije, and he marks it as n° 2 in his inventory (PG: 2). This was an error of interpretation on his part. In fact, it is the view over the Massif du Combeynot from the old Lautaret road. From this viewpoint, Les Agneaux (or Mont d'Arcines) cannot be seen.



📌 The Col du Lautaret climate (BJ)

The Col du Lautaret is a climatic limit between the northern and southern Alps. It works like a barrier for rough weather, and it is not unusual that the Romanche valley to the west is filled with snow, while the Guisane valley to the east is dry, and vice versa. The Romanche valley runs down directly to the region of Grenoble, where the climate at the same altitude has twice as much precipitation, and so works as a corridor for rough weather coming from the area. This explains why the Col du Lautaret and the neighbouring Col du Galibier mark the limit for many plants with Mediterranean affinities. This transitional position is characterised by a climate with a strong Mediterranean influence in the direction of Briançon.

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The tuffaceous ground of the Col du Lautaret (BK)

Tufa is a sedimentary rock produced by the precipitation of limestone dissolved in water, which comes to the surface from a water course or spring. In the course of this mineral solidification of carbonates, a great deal of plant or animal debris is trapped and becomes fossilised. This is how an excavation operation carried out between 2008 and 2010 was able to reconstruct the flora on the pass when the rock was deposited long ago. Tufa is also a soft rock which can be sculpted easily and was highly valued for the construction of public buildings or the houses of local dignitaries. The church of Villar d'Arène is built from tufa from the Le Lautaret quarry, a resource it almost exhausted. The tufa zone of Le Lautaret is listed as a habitat of community interest within the Natura 2000 site «Combeynot Lautaret Ecrins».

Marionnaise snow fence (BL)

In the Guisane valley, the Col du Lautaret road is in places highly exposed to the risk of avalanches. From when it was first built, a number of measures were taken. The first was a long, semi-open snow fence that lets snowslides flow above the road and arrive lower down the slope. A little further downstream is another, quite original solution: since the layout of the land was not adapted to a traditional snow fence, two diversion tunnels were dug at the sides (the Rif Blanc and the Vallois). If there is a major avalanche risk, the road is closed and the traffic temporarily diverted through the tunnels. Once the risk is over, the road is cleared and reopened to traffic.